

Investigation of Odours and Emissions from Heavy Oil and Bitumen in the Peace River Oil Sands Area: 3-D Geological Modelling and Petroleum Geochemistry

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Abstract

In this report we present the results from the investigation of geological and geochemical contributions to odours and emissions from heavy oil and bitumen production in the Peace River Oil Sands (PROS) Area in Alberta. This study was initiated in response to a formal proceeding into these odours and emissions and the panel's final report (*Decision 2014 ABAER 005: Report of Recommendations on Odours and Emissions in the Peace River Area*) and included the creation of a three-dimensional (3-D) geological model, designing and implementing a petroleum sampling and analysis program, and defining geological plays and heavy oil and bitumen deposit and zone boundaries.

Key findings from this study are as follows:

- In the PROS area, the 3-D zone in the subsurface where the heavy oil and bitumen appears to have the highest probability for increased odours and emissions is related to depth, oil properties, and heat treatment during production, regardless of the geological play or source rock.
- While both reduced sulphur compounds (RSCs) and volatile organic compounds (VOCs) are present in the produced oil sands designated heavy oil and bitumen, there is no correlation between their concentrations and the oil's source rock.
- There is a trend of increasing RSC concentrations released from the oil sands designated heavy oil and bitumen as the temperature difference between original reservoir temperatures and production temperatures increases.

1 Introduction

In January 2014, a panel of AER hearing commissioners conducted an inquiry into odours and emissions from heavy oil and bitumen operations in the Peace River area of Alberta (<http://www.aer.ca/applications-and-notices/hearings/proceeding-1769924>), referred to in this report as the Peace River proceedings. On March 31, 2014, the panel released *Decision 2014 ABAER 005: Report of Recommendations on Odours and Emissions in the Peace River Area* (Alberta Energy Regulator, 2014a).

One of the panel's findings was that there was insufficient data with respect to the geology and petroleum chemistry of the heavy oil and bitumen in this area, resulting in the following recommendation:

That the AER conduct or require operators in the Peace River area to submit a geochemical analysis of the volatile compounds from the heavy oil from the Gordondale-sourced bitumen at surface prior to processing.

In addition to identifying a need for new data, the panel put forward a hypothesis: that increased odours in the PROS area could be directly related to “higher levels of sulphur and volatile components” (Alberta Energy Regulator, 2014a) in the oils, likely related to the contribution of Gordondale-sourced hydrocarbons.

The present study was initiated to help determine how and where such geochemical analyses would take place (Alberta Energy Regulator, 2014b). This includes determining what components to analyze for, the methodologies of the analytical tests, sample collection methodology, the number of samples to collect, and the location of the samples. The study also tests the panel's hypothesis. To accomplish this, we did the following:

- created a three-dimensional (3-D) geological model of the PROS area to delineate the subsurface geology and identify complex geological characteristics that might separate the oils in this area,
- designed and implemented a fluid petroleum sampling program to identify both the source-rock contributions and the compounds which may contribute to the odours and emissions, and
- determined the geological extent of plays and heavy oil and bitumen boundaries to aid regulatory response in the area.

1.1 Definitions

The scientific classifications of bitumen and heavy oil are summarized as follows:

- Natural bitumen have densities >1000 kg/m³ (<10 API gravity) and viscosities >10000 cP (Kashirtsev and Hein, 2012).
- Heavy oils and extra-heavy oils have densities >934 kg/m³ (<20 API gravity) and viscosities between 1000 and 10000 cP (Kashirtsev and Hein, 2012).

The AER classifies crude oil with a density greater than or equal to 900 kilograms per cubic metre (kg/m³) as “heavy,” while crude bitumen is extra-heavy oil that will not flow to a well in its natural state. For administrative purposes, the AER designates any heavy oil or crude bitumen found within designated oil sands geological formations and within the oil sands areas as “oil sands”.

For this report, it is necessary to make a distinction between all heavy oil as defined by the AER and oil sands designated heavy oil and bitumen as discussed in the Peace River proceedings. This is because

heavy oil and bitumen in this area is treated differently from both a production and an administrative point of view. For this report, the following classifications will be used:

- “Heavy oils” have densities between 900 and 950 kg/m³.
- “Oil sands designated heavy oil and bitumen” have densities \geq 950 kg/m³ and viscosities \geq 1000 cP.

There are three oil sands areas (OSAs) defined by the AER: the PROS area, the Athabasca Oil Sands (AOS) Area, and the Cold Lake Oil Sands (CLOS) Area (Figure 1). These defined areas are used to regulate and administrate heavy oil and bitumen deposits in the province. The Peace River proceedings introduced four smaller recommendation areas located within the PROS area: Three Creeks, Walrus, Seal Lake, and Reno (Figure 2).

A 3-D geological model was used to visualize the complex arrangement of geological units and to analyze data in 3-D space in the PROS area. The model area was chosen based on the geographic extent of the PROS area with a buffer on each side (Figure 1 and Figure 2).

For the purposes of this study, production methods in the PROS area were separated into two categories: cold and thermal. Currently, cold heavy oil production (CHOP) is the dominant production method in the Three Creeks, Walrus, Seal Lake, and Reno areas. Thermal production methods include steam-assisted gravity drainage (SAGD), cyclic steam stimulation (CSS), and vertical steam drive (VSD).

The AER defines a geological play as a set of known or postulated oil or gas accumulations (pools and deposits) within a petroleum system sharing similar geochemical, geological, geographic, and temporal properties. These properties can include reservoir lithology and facies and trapping mechanisms. Geological plays occur below the ground surface and can be represented at the surface by geographic boundaries, which represent the lateral extent of the geological elements that define it in the subsurface. In this study, the geological plays are approximately equivalent to the geological formation.

For the purposes of this study, a heavy oil and bitumen deposit is defined as the area within a play where known or postulated heavy oil and bitumen accumulations have similar characteristics and have the potential to be an economic resource now or in the near future. Heavy oil and bitumen deposits are determined using log analysis based on current technology and can therefore change over time.

Odour is defined as the presence of a compound in a gaseous concentration strong enough to be detected by olfactory receptors lining the nose. Odours are often expelled from solids or liquids through sublimation, evaporation, or boiling. The concentration at which a compound may be detected by olfactory receptors and become odorous is referred to as its odour threshold.

Odour thresholds can be determined by different methods, resulting in a broad range of thresholds (Ruth, 1986). For consistency, this study uses the threshold values listed in Nagata (2003; Appendix 1, Table 5), with the exception of n-Ethane (from <http://cameochemicals.noaa.gov/>) and n-Hexane (from <http://www.epa.gov/ttnatw01/hlthef/hexane.html>) because these two compounds are hydrocarbons and not measured by Nagata. For C1-C7 hydrocarbon group thresholds, we used the pure end-member compound to represent each group (for example the compound methane for hydrocarbon group C1). Observations about the potential for a sample to be more odorous are based on the number of times the measured compounds exceeded the odour threshold. It is assumed here that the more times the compound concentration was over the threshold, the more likely it was to remain odorous when diluted in air. Odour thresholds are not available for all compounds tested. This study does not try to determine the potential for a sample to be more odorous for compounds without odour thresholds. This does not imply that the compound does not have the potential to be odorous, only that data were not available.

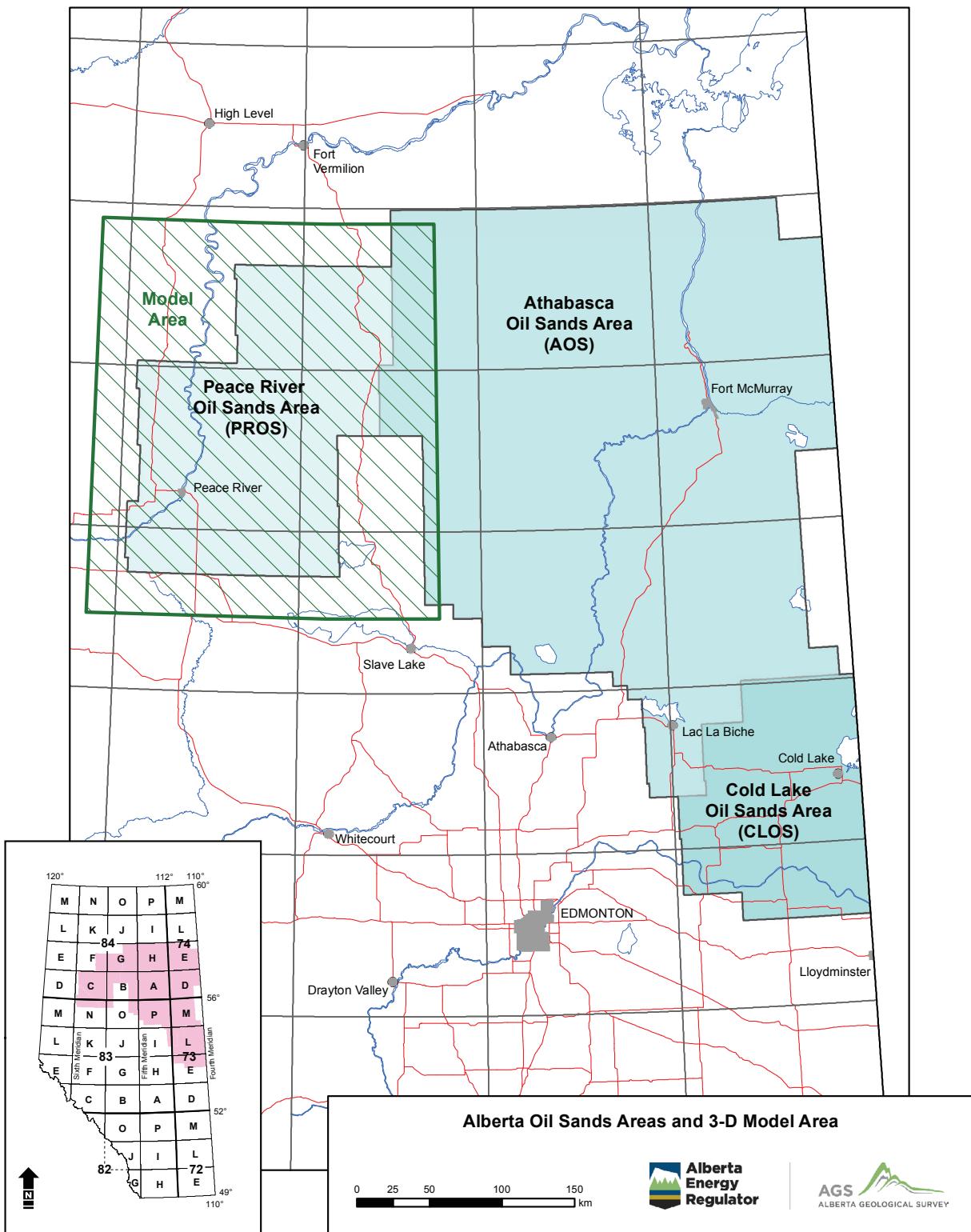


Figure 1. Location of oil sands areas and model area in Alberta.

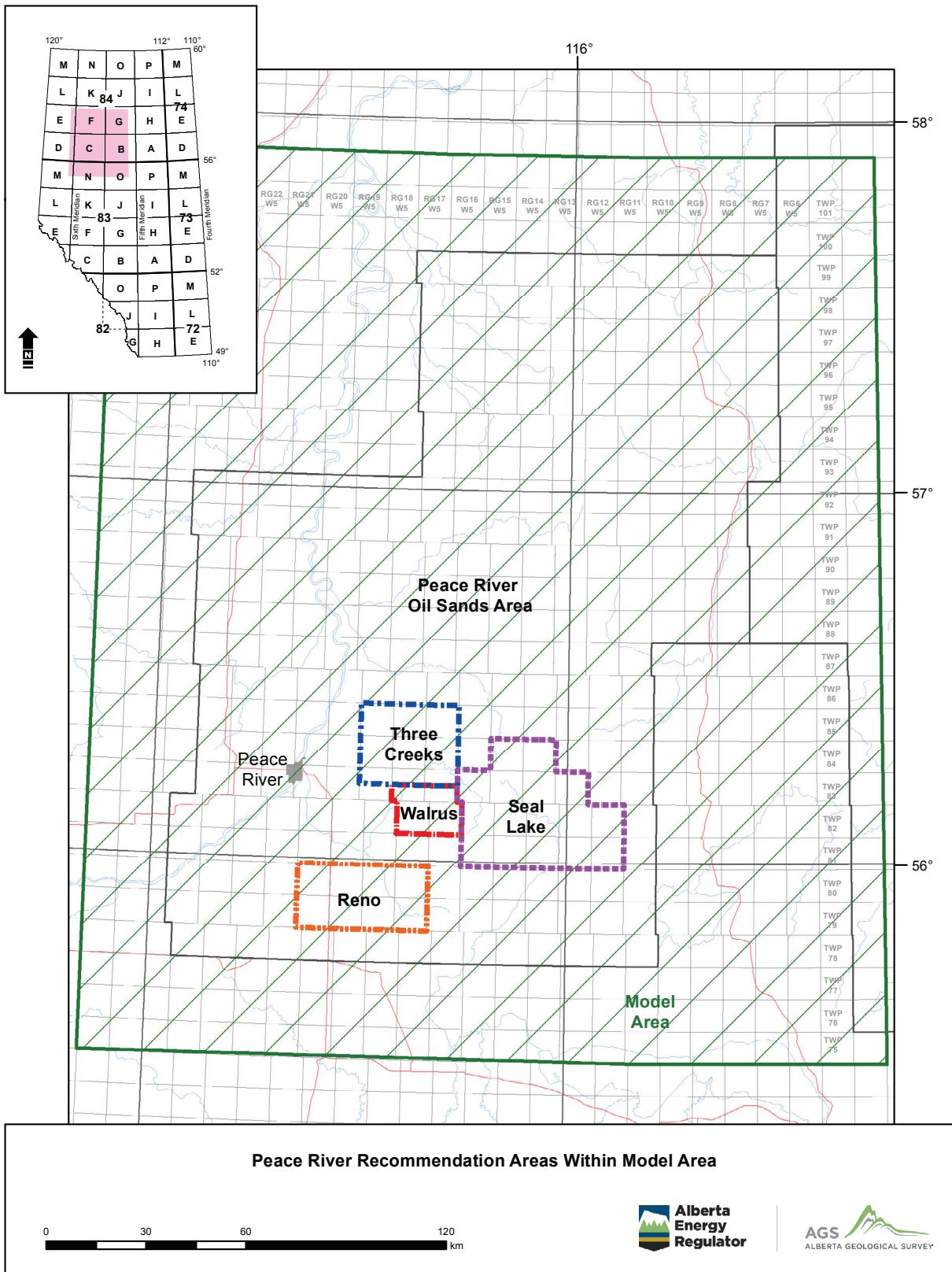


Figure 2. Location of Peace River proceedings recommendation areas within the Peace River Oil Sands Area and the 3-D geological model area.

2 Background

2.1 Geology

The reservoirs containing designated oil sands deposits (designated by the AER) in the PROS area centre around and are controlled by the paleotopography of the sub-Cretaceous angular unconformity (Sub-K). This unconformity separates the lower older passive margin succession from the upper younger foreland basin succession in the Western Canada Sedimentary Basin (WCSB). An important feature to the oil sands designated heavy oil and bitumen in the PROS area is the Red Earth Highlands. This feature was a paleotopographic high during early Cretaceous sedimentation, discussed in Hubbard et al. (1999). The tectonostratigraphic history of the WCSB, as it applies to the oil and gas deposits in the PROS area, is summarized by Berbesi et al. (2012).

One regional tectonic feature that plays an important role in the depositional history and the source-rock migration pathways is the Peace River Arch. The Peace River Arch is located to the southwest of the PROS area, where many faults are located, creating potential vertical fluid pathways connecting deeply buried rocks to those at shallower depth (O'Connell, 1994). In the PROS area, oil sands designated heavy oil and bitumen are contained and primarily targeted for production in Cretaceous strata deposited on top of the Sub-K and are contained and secondarily targeted for production in formations below the Sub-K, ranging in age from Permian to Devonian.

Focusing on oil sands designated heavy oil and bitumen within the PROS area, we narrowed the objectives of this project to six geological units and one unconformity surface; however, more than forty geological entities in the subsurface of the PROS area were modelled. The geological entities of interest are as follows:

- Exshaw Formation
- Pekisko Formation
- Debolt Formation
- Belloy Formation
- Gordondale Member of the Fernie Formation
- Sub-Cretaceous unconformity
- Bluesky and Gething formations.

Below is a summary of the basic geological characteristics of these entities as they are known within the geological community.

The Upper Devonian to Lower Mississippian Exshaw Formation is a source rock that has contributed hydrocarbons to the oil sands deposits in the PROS area. It consists primarily of black shale deposited in a deep marine environment. The Exshaw Formation subcrop area is located on the northeastern edge of the Red Earth Highlands (Figure 3).

The Mississippian Pekisko and Debolt formations are secondary hosts of oil sands designated heavy oil and bitumen in the PROS area. In this area, both formations are primarily composed of marine limestone that has undergone intensive dolomitization near the Sub-K, resulting in vuggy carbonate reservoirs. The Debolt Formation can be subdivided into an upper, middle, and lower unit. The upper Debolt is composed of limestone and dolostone overlying a regional anhydrite bed that pinches out to the northeast (Figure 4). The middle and lower Debolt are composed of argillaceous and clean carbonates, respectively. The Pekisko and Debolt formations both have subcrop areas within the the Red Earth Highlands area, where they come into contact with the Bluesky and Gething formations (Figure 3 and Figure 4).

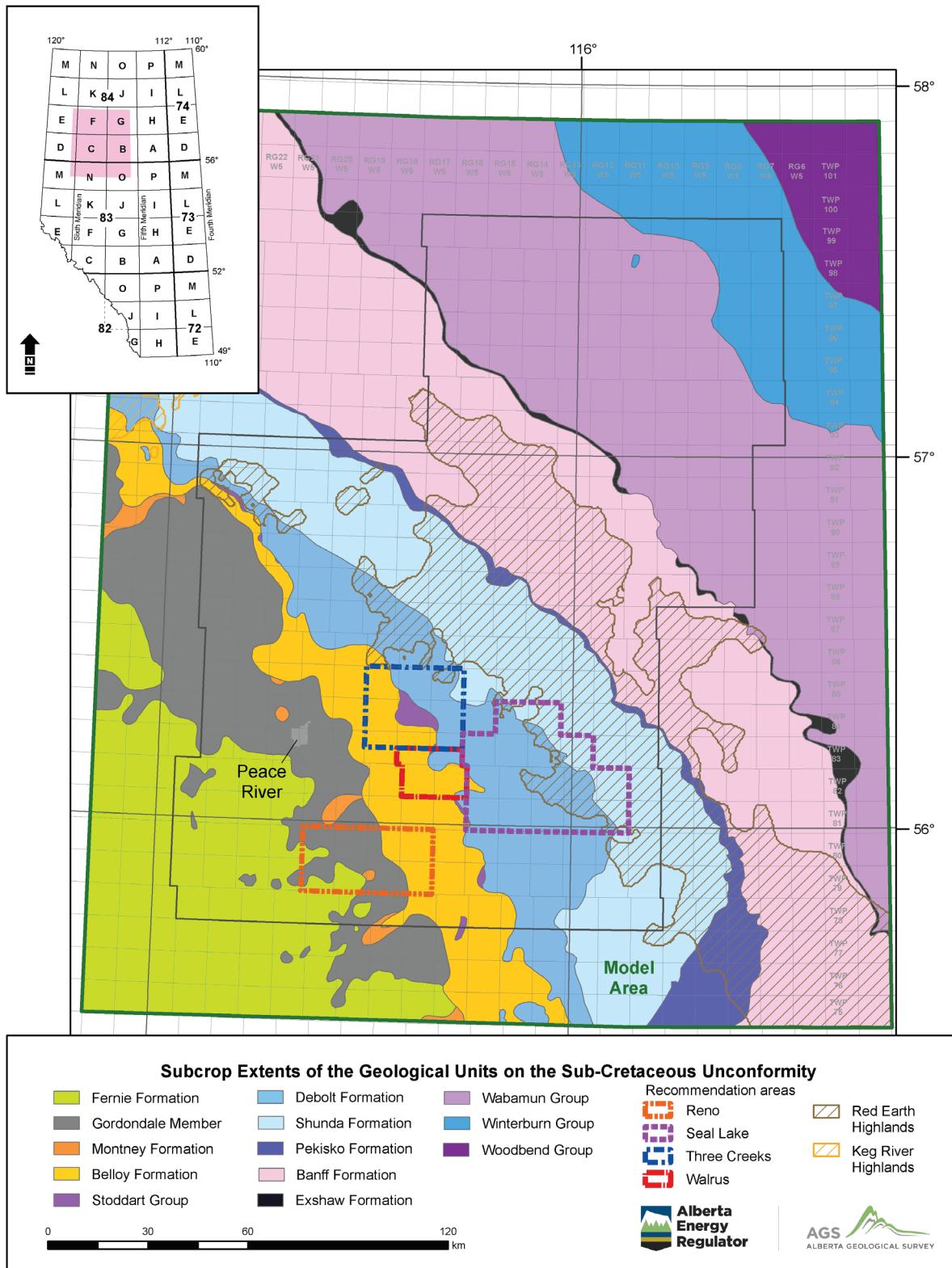


Figure 3. Map showing the subcrop areas of the geological units on the sub-Cretaceous unconformity, derived from the 3-D geological model.

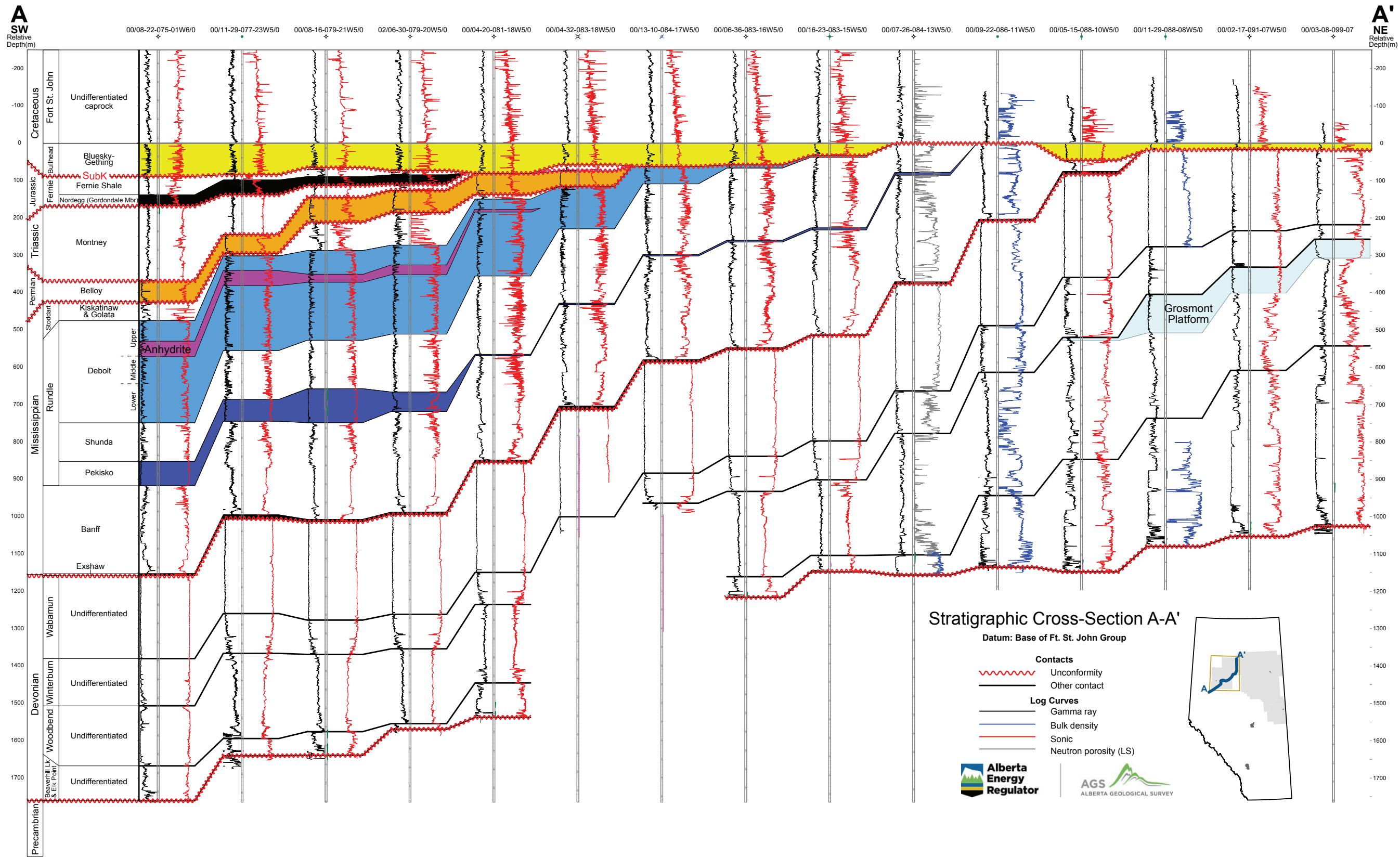


Figure 4. A southwest to northeast stratigraphic cross-section through the model volume.

The Permian Belloy Formation is also a secondary host of the oil sands deposits in the PROS area and is primarily composed of sandstone deposited in a shallow marine environment. The Belloy subcrop area is located at the southwestern edge of the Red Earth Highlands, putting it in direct contact with the Bluesky and Gething formations (Figure 3 and Figure 4).

The Jurassic Gordondale Member (historically the Nordegg Member shale) of the Fernie Formation is one of the source rocks that have contributed hydrocarbons to the PROS area, including the oil sands deposits (Creaney and Allan, 1992). It consists of variously phosphatic limestones, including calcitic mudstone, calcilutite, and calcarenite, deposited in a marine environment (Asgar-Deen et al., 2004). The Gordondale Member is partially overlain by the other shales of the Fernie Formation and by the Gething Formation fluvial deposits in the PROS area. The Gordondale Member subcrops at the Sub-K in the Reno area and near the southwest corner of the Three Creeks area (Figure 3).

Together, the Gordondale Member and Exshaw Formation are considered to be the main source rocks for the oil sands deposits in the PROS area. The contribution of both of these strata to the oil sands deposits has been in debate for many years. Complications with determining source-rock contribution stem from the influence of biodegradation on the geochemical signature of heavy oil and bitumen, as discussed in Section 5.1 of this report.

The Sub-K divides Cretaceous rocks from older rocks, as mentioned above. Due to the angular nature of this unconformity, a number of underlying formations are in contact with Cretaceous units at this unconformity surface. A cross-section through the PROS area shows the base of the Bluesky and Gething formations in contact with a sequence of strata ranging in age from youngest (Fernie Formation) to oldest (Wabamun Group) as you move from southwest to northeast across the PROS area (Figure 4).

The Lower Cretaceous Gething Formation is a secondary host of oil sands deposits in the PROS area. It consists of sandstone and mudstone deposited in a fluvial environment. The Gething Formation is overlain by Wilrich Member shale of the Spirit River Formation where the overlying Bluesky Formation is absent. The Gething is underlain in some areas by the Cadomin Formation or is in direct contact with the Sub-K, where it overlies several older geological units. Gething Formation deposition was controlled by the Red Earth Highlands.

The Lower Cretaceous Bluesky Formation is the primary host of the oil sands designated heavy oil and bitumen in the PROS area. It consists of sandstone and mudstone deposited in a shoreline to shallow shelf environment, with the main reservoir sands deposited in a wave-dominated estuarine environment. The Bluesky is overlain by Wilrich Member shale of the Spirit River Formation (within the Fort St. John Group) and underlain by Gething Formation fluvial deposits. Deposition of the Bluesky was controlled by the Red Earth Highlands, separating deposition in the northeast from the southwest (Figure 5). Oil sands production is currently occurring mainly in the southwest, with only minor exploration occurring in the northeast.

Oil sands deposits contained in the Bluesky and Gething formations are often referred to together in literature as the Bluesky-Gething deposits, and this is the terminology used in this report. A gross isopach map of the Bluesky-Gething shows thinning to complete absence of the unit in the area of the Red Earth Highlands, highlighting the influence of this paleotopographic feature on deposition (Figure 5). A net pay map displays the thickness of bitumen-saturated sands using a $\geq 6\%$ mass bitumen cut-off (Figure 6). The sands range in character from relatively clean and homogeneous to finely laminated. Homogeneous sands may also be separated by several metres of shale.

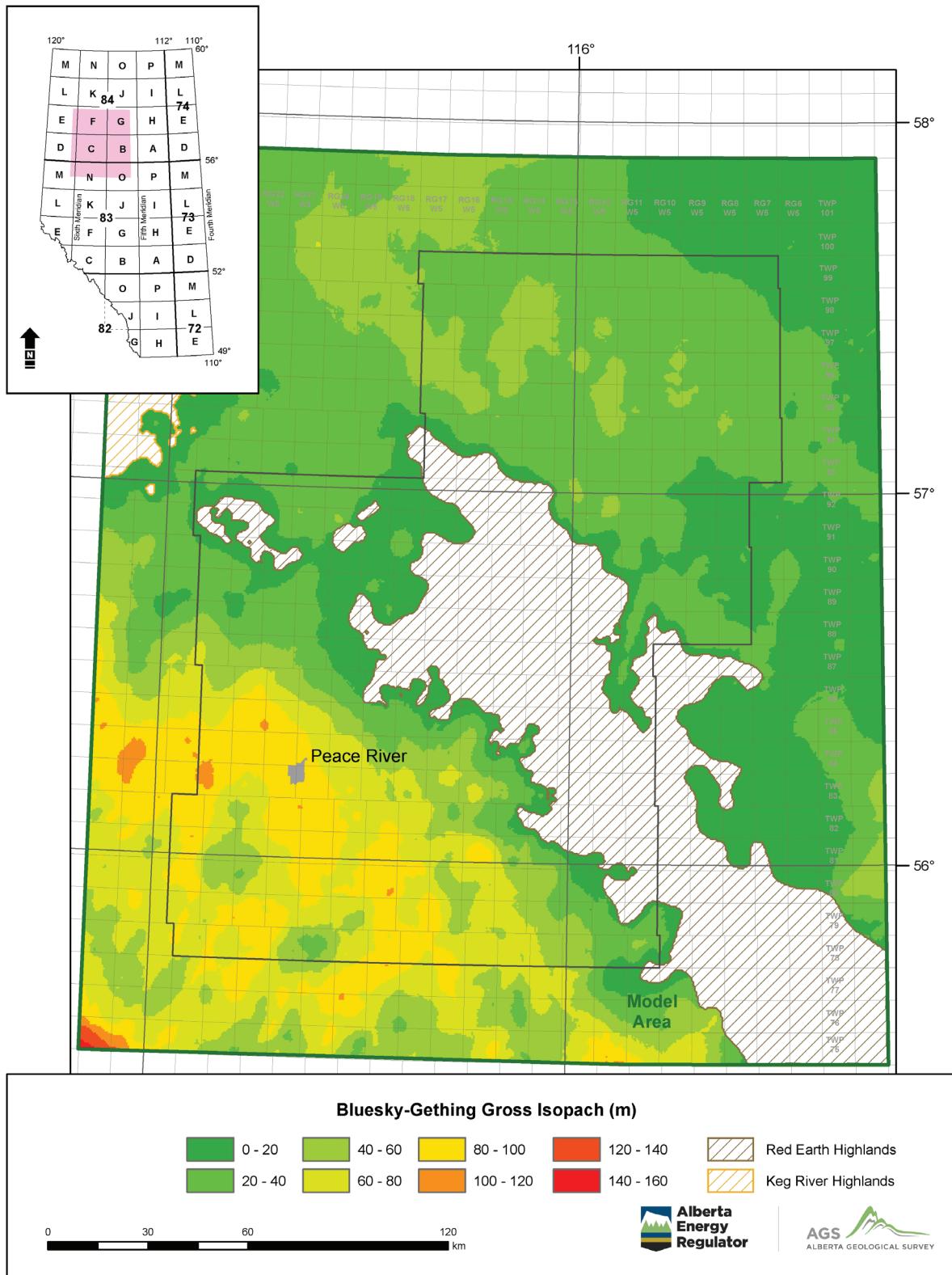


Figure 5. Gross isopach map of the Bluesky-Gething and its relationship to the Red Earth Highlands, derived from the 3-D geological model.

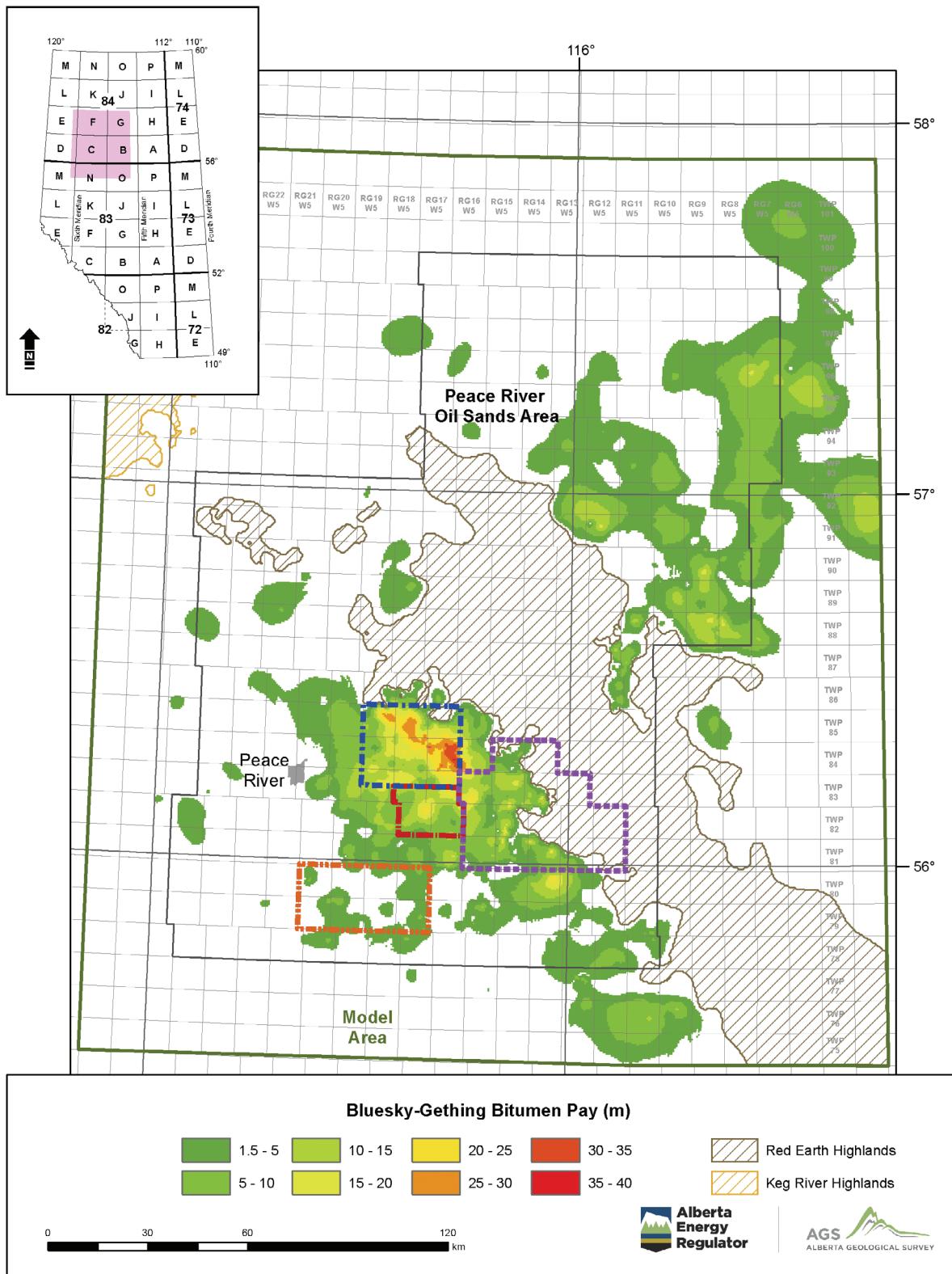


Figure 6. Bitumen pay thickness map for the Bluesky-Gething deposits using a $\geq 6\%$ mass bitumen cut-off.

3 Three-Dimensional Geological Model

A 3-D geological model was created to visualize relationships in the subsurface that otherwise may not be distinguished using two-dimensional (2-D) maps (Figure 7). The model was used to assess the spatial stratigraphic and structural extent of the subsurface geological units, to examine possible fluid migration pathways, and to integrate geochemical data identifying relationships between the heavy oils and bitumen within the geological units in the PROS area. Evaluating this information within the model facilitated the design of a petroleum sampling and analysis program necessary to analyze the geochemistry and build the geological plays as defined in Section 1.1.

3.1 Creating the Three-Dimensional Geological Model

The geological surfaces were modelled using primarily existing data, with the addition of new high-quality data (i.e., formation-top picks) in areas where existing data were found to be erroneous or insufficient. The model is composed of 23 surfaces (Table 1), which together create the tops and bases of the 17 geological units in the model. A confidence level was assigned qualitatively to each created surface using the following attributes:

- data quantity
- data distribution
- data quality
- the geological complexity of the units

3.2 Analysis of the Three-Dimensional Geological Model

After completion of the 3-D geological model, several datasets were incorporated into the model and used to analyze the extent of the geological plays in the PROS area. The following types of data were incorporated:

- oil and gas well and location data
- oil and gas pool outline and location data
- approved oil sands in situ recovery scheme outline and location data
- fault location and orientation data
- existing oil and gas routine analytical data

A total of 25 geological plays were identified and created within the model for the initial stratigraphic evaluation and assessment of the relationships between all heavy oil and bitumen in the PROS area. The main focus of this initial evaluation was to identify the scope of the petroleum sampling and analysis program for geochemical evaluations. The following observations were made:

- The connectivity of the geological plays indicates good potential for the oil sands designated heavy oil and bitumen to be quite similar across the PROS area (Figure 8). This means there may be no way to definitively distinguish the oil sands designated heavy oil and bitumen at the scale of the recommendation areas.
- The intense faulting along the Peace River Arch (Figure 9) extends across many geological units in the subsurface mainly in the southwestern part of the PROS area, providing potential pathways for fluid migration from Devonian geological units all the way up to Cretaceous units (Figure 10). This means there could be ambiguity in determining exactly which heavy oil and bitumen deposits were sourced by the Gordondale and what percentage of Gordondale-sourced oil is present if there is any mixing.

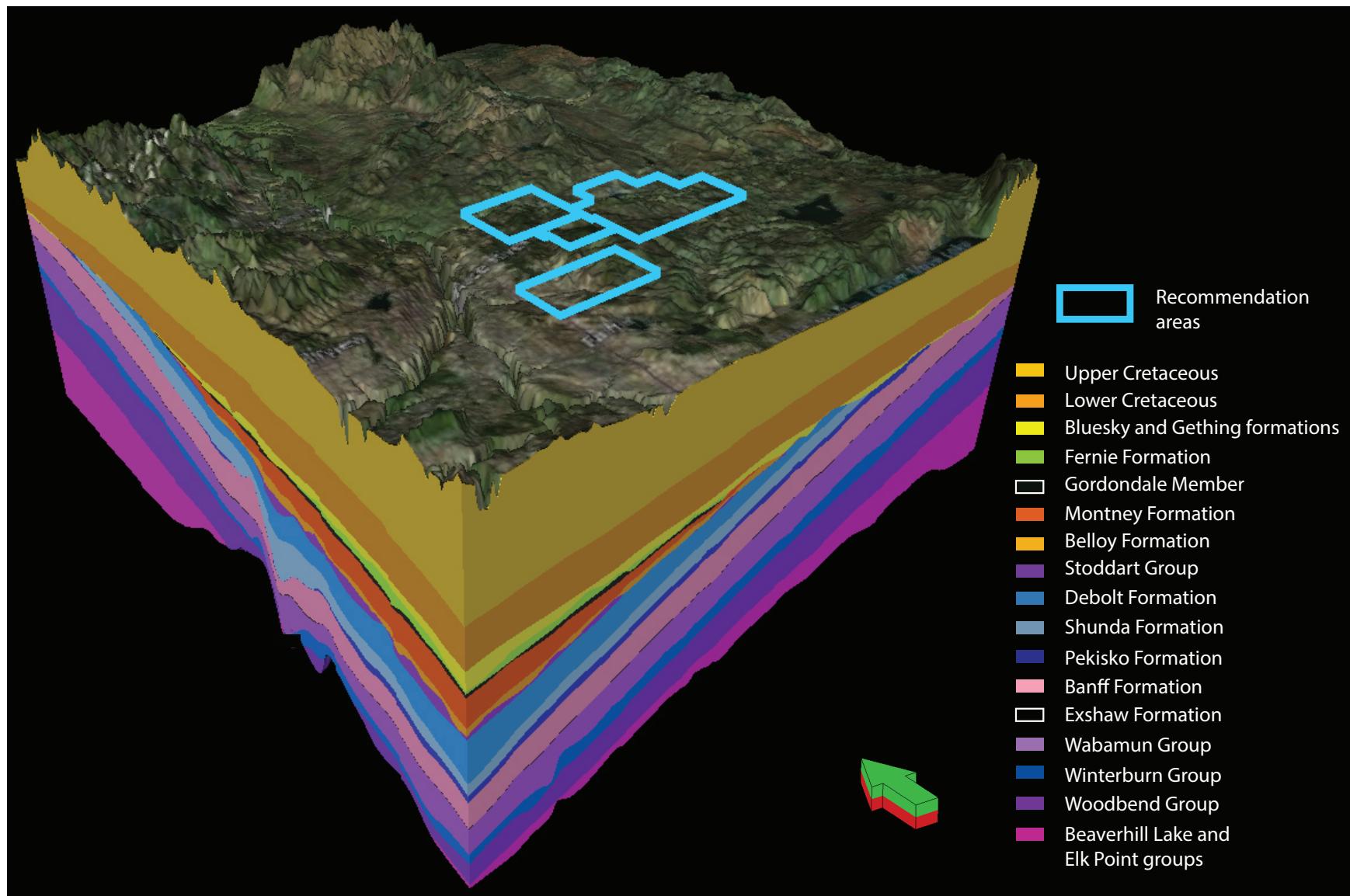


Figure 7. Image of the 3-D geological model of the Peace River Oil Sands Area at 50× vertical exaggeration.

Table 1. Modelled 3-D geological surfaces and their level of confidence, listed from shallowest to deepest.

Geological Surface	Surface Type	Confidence Level
Ground surface	digital elevation model	high
Upper Mannville Group	unit top	medium
Fort St. John Group and equivalents	unit base	high
Sub-Cretaceous unconformity	unconformity	high
Fernie Formation	unit top	high
Gordondale Member	unit top	high
Sub-Jurassic unconformity	unconformity	high
Montney Formation	unit top	high
Sub-Triassic unconformity	unconformity	medium
Belly Formation	unit top	medium
Sub-Permian unconformity	unconformity	low
Stoddart Group	unit top	low
Debolt Formation	unit top	high
Shunda Formation	unit top	high
Pekisko Formation	unit top	medium
Banff Formation	unit top	high
Exshaw Formation	unit top	high
Wabamun Group	unit top	high
Winterburn Group	unit top	medium
Woodbend Group	unit top	medium
Woodbend Group	unit base	high
Basement	unit top	low

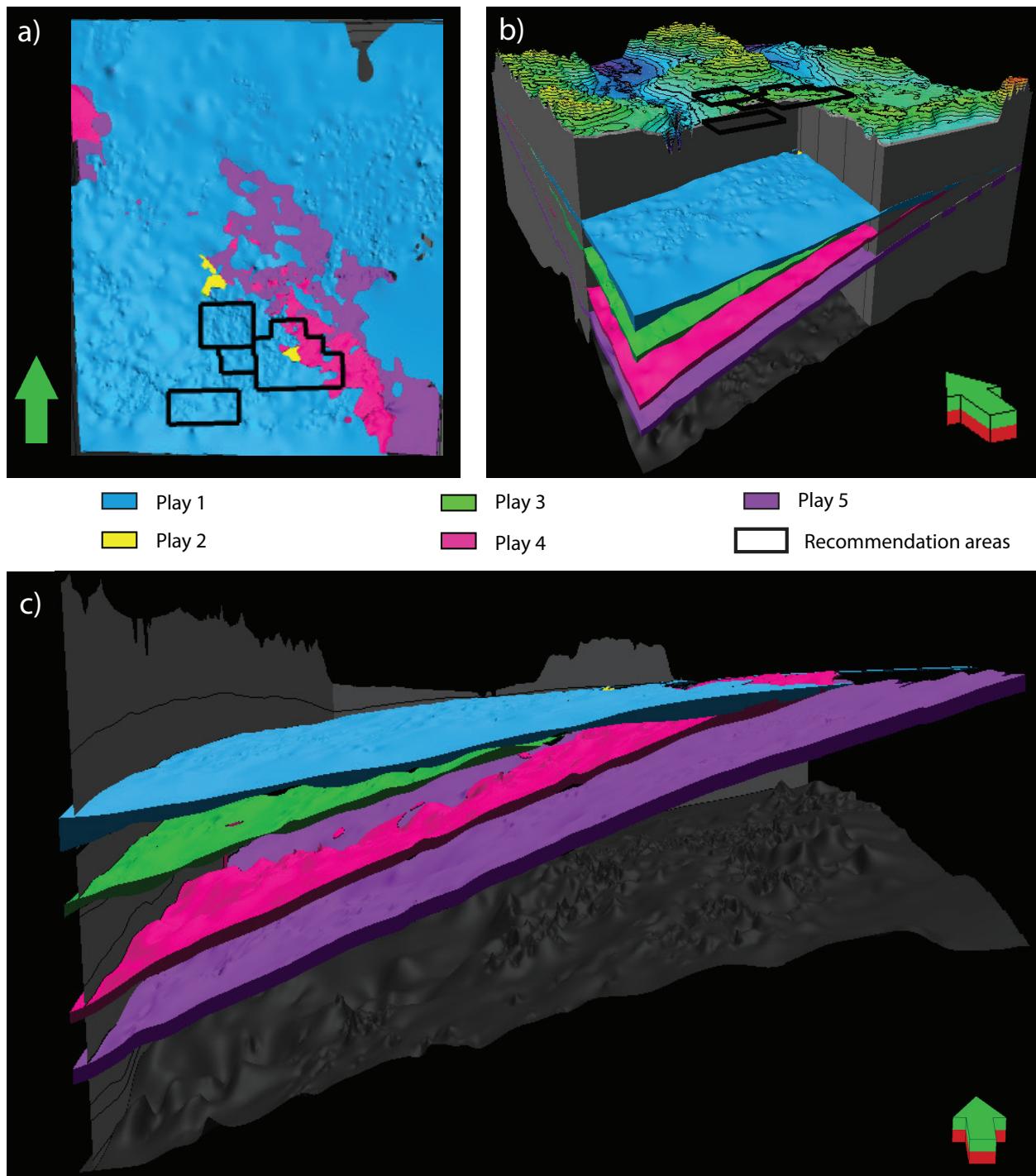


Figure 8. Series of images showing geological plays within the 3-D geological model at 50× vertical exaggeration. a) distribution of plays in plan view at the level of the top of the Bluesky-Gething, b) spatial arrangement of plays within the model, and c) view of the model area from the south showing how the plays converge in the eastern portion of the model.

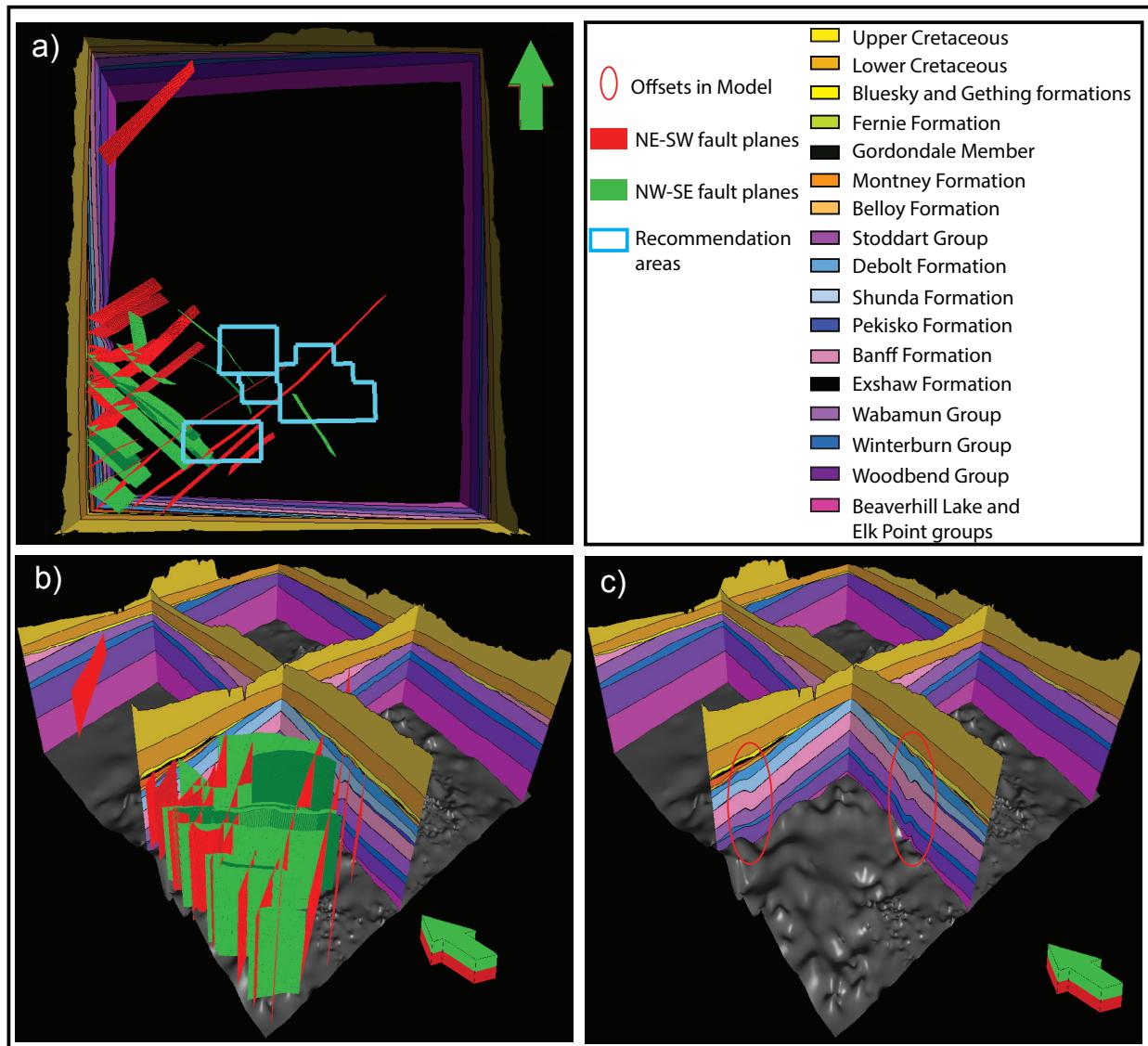


Figure 9. A series of images of the 3-D geological model showing some of the complex faulting within the PROS area and its proximity to the recommendation areas at 50× vertical exaggeration; a) plan view of the 3-D model area showing subsurface fault locations in relation to the Peace River recommendation areas (blue polygons); b) fault surfaces collected from various literatures and interpreted in 3-D show good correlation with offsets recognized in the geological units; c) cross-sections through the model with locations of geological unit offsets circled in red.

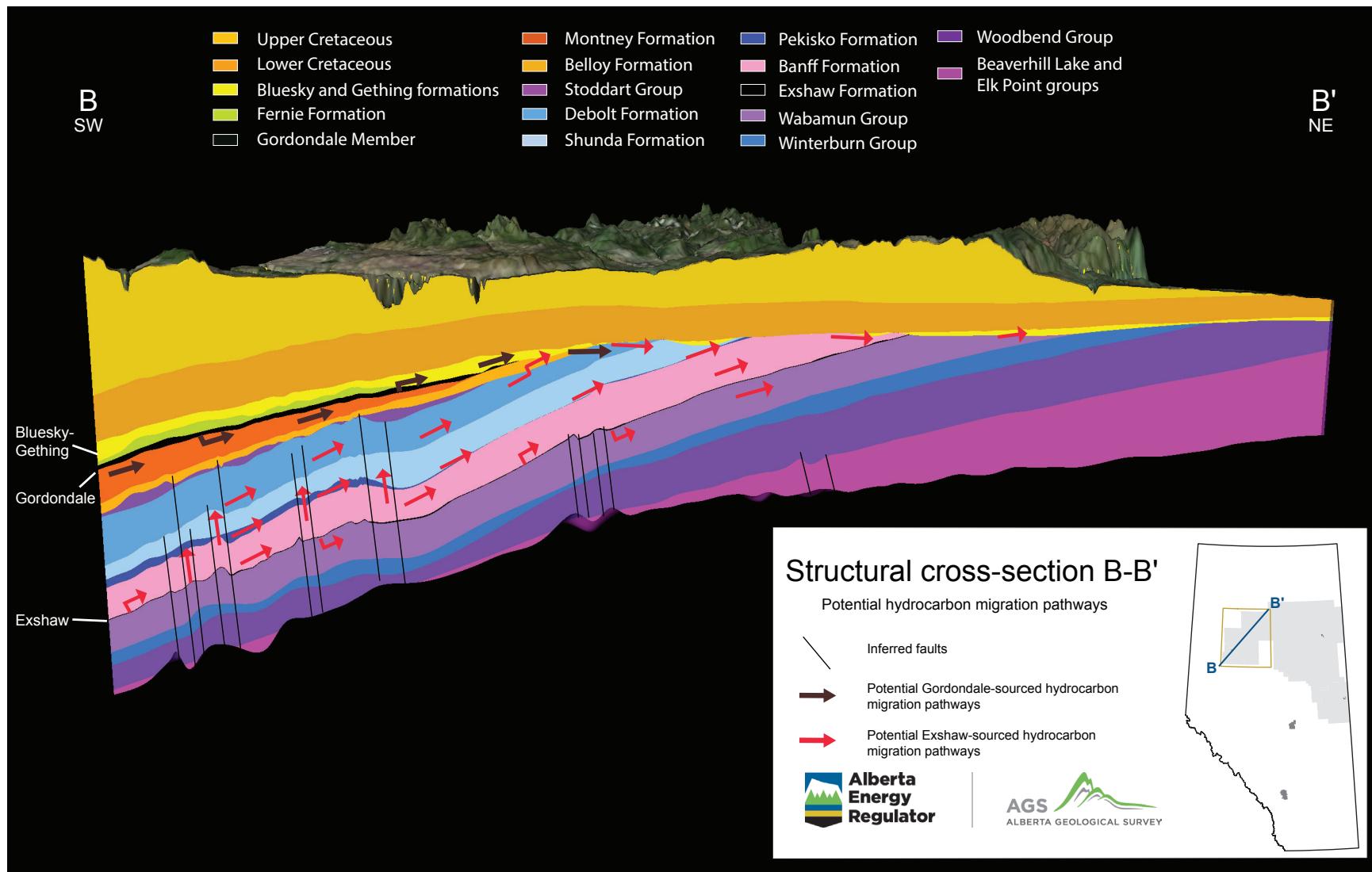


Figure 10. A southwest-northeast cross-section through the 3-D geological model at 50× vertical exaggeration annotated with potential migration pathways for Gordondale-sourced oils (brown arrows) and Exshaw-sourced oils (red arrows). Location of inferred faults are based on those reported in literature and inferred from modelled geological unit offsets.

- Examination of oil density and viscosity data for all heavy oil and bitumen in the PROS area indicates that there is a relationship between depth and oil density and viscosity that could be used to separate the oil sands designated deposits from deeper heavy oils (Figure 11). In addition, comparison of PROS area heavy oil and bitumen with heavy oil and bitumen of other OSAs in the province suggests that all the oil sands deposits have similar oil densities and viscosities.

These initial observations have led to the design and implementation of a regional sampling program concentrating on designated oil sands deposits with some source-rock oil analysis used for comparison with current literature. This sampling program investigated the similarities and differences between oil sands designated heavy oil and bitumen and remain in scope of the current Peace River recommendation areas.

4 Petroleum Sampling and Analysis Program

The regional petroleum sampling and analysis program was primarily designed to aid in understanding the chemistry of the gas coming from the oil sands designated heavy oil and bitumen as it relates to odorous compounds and, secondarily, to discern regional source-rock contributions to PROS-area hydrocarbons. Sampling concentrated on gathering data about the fluids coming from the ground before any treatment occurred at the surface and before the compounds were dispersed in air (making their concentrations much lower). A regional sampling approach was necessary to be able to compare fluids from the PROS area with source type oils from outside the area and fluids from other OSAs. The relatively small sample set was targeted to help address the objectives of this study within a relatively short timeframe. It provides data for broadly characterizing the oil sands designated heavy oil and bitumen in the PROS area. Results of the sampling and analysis program are in Appendix 1.

Twelve wells were sampled: nine producing from designated oil sands deposits throughout the province and three producing oils known to be sourced from specific source rocks (i.e., the Duvernay, Exshaw, and Gordondale) (Figure 12). For eight of the designated oil sands wells and the Gordondale and Exshaw oil type wells, both casing gas and liquid samples were collected. The other two wells (Two Creek and AOS Brintnell) were sampled for only liquids. Table 2 contains sample location and collection information.

4.1 Sampling Program Details

The AER hired Core Laboratories to collect the samples from ten wells where both casing gas and liquids were collected (Table 2). Casing gas samples were collected from the well casing into evacuated SilcoCan canisters. Canisters containing casing gas samples were sent to Core Laboratories for routine gas analysis and RSC analysis, which they refer to as trace sulphur analysis (TSA). Duplicate casing gas samples were also sent to Alberta Innovates Technology Futures (AITF), which has environmental analytical services for C1 to C4, inert gas, RSC, and VOC analyses. The main differences between the RSC analyses of the two laboratories are the number of compounds analyzed and the detection limit ranges routinely used. Liquid samples were collected into stainless steel canisters and analyzed at Core Laboratories for routine oil composition as well as nickel and vanadium trace metal analyses. A portion of each liquid sample was sent to the G.G. Hatch Stable Isotope Laboratory at the University of Ottawa for sulphur and nitrogen isotope analyses.

Gas emitted from liquid samples was also analyzed. Ten liquid samples were heated to 25°C (25-flash) for 24 hours; gas emitted during the test was subjected to routine gas analysis and TSA. A portion of this gas was captured into evacuated SilcoCan canisters and analyzed for VOCs. Three of the ten samples were also heated to 80°C (80-flash) for 24 hours and subjected to routine gas analysis and TSA.

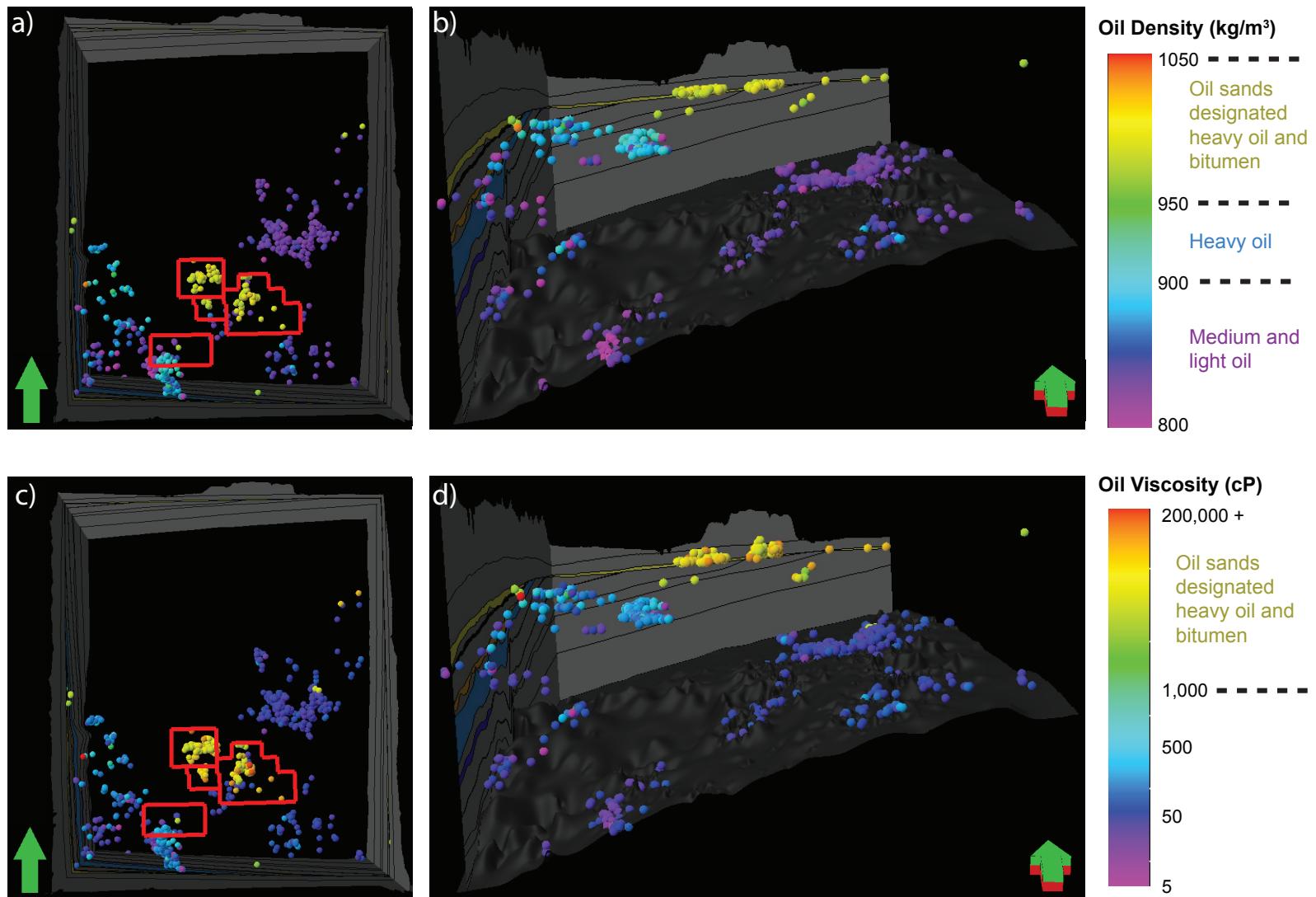


Figure 11. A series of images showing oil density (15°C post-cleaning, absolute density) and oil viscosity (15°C kinematic viscosity) data within the 3-D geological model area at 50 \times vertical exaggeration. The recommendation areas are outlined in red; a) plan view of the model showing density data; b) oblique view of the oil density data in 3-D space showing how the data varies with depth; c) plan view of the model showing oil viscosity data (in cP); d) oblique view of the oil viscosity data in 3-D space showing how the data varies with depth.

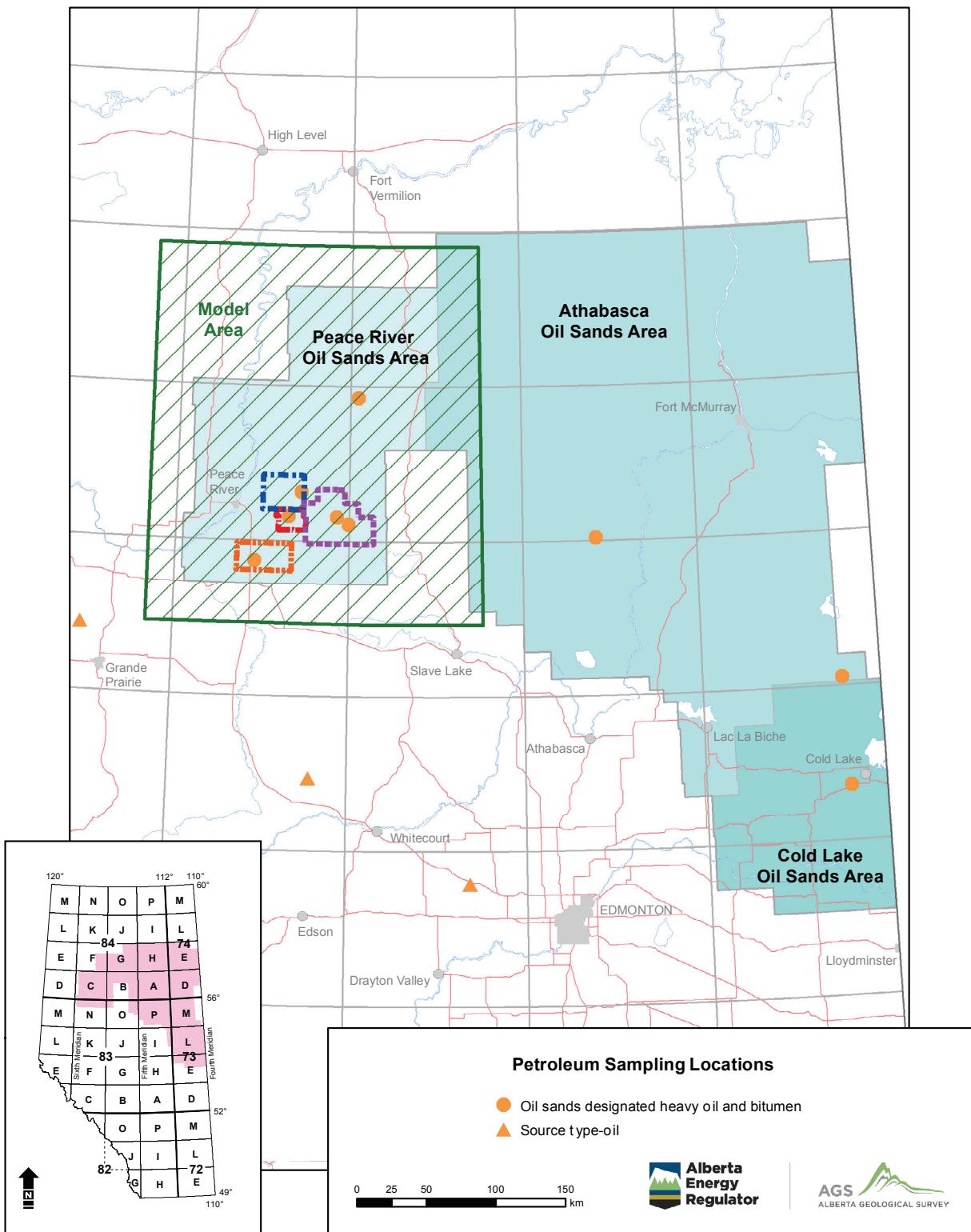


Figure 12. Map of sampling locations for the petroleum sampling and analysis program.

Table 2. Sample locations and information.

Sample No.	Location UWI	Sample Measured Depth* (m)	Sample Type	Location Description	Producing Geological Unit
14251	102/16-30-091-12W5/0	857.9–1647	casing gas	PROS Sawn Lake	Bluesky-Gething
14252	102/16-30-091-12W5/0	857.9–1647	liquids	PROS Sawn Lake	Bluesky-Gething
14253	100/13-09-062-03W4/0	572.5–1995	casing gas	CLOS Beaverdam	Grand Rapids
14254	100/13-09-062-03W4/0	572.5–1995	liquids	CLOS Beaverdam	Grand Rapids
14255	100/01-29-079-20W5/0	920.2–2777	casing gas	PROS Reno	Bluesky-Gething
14256	100/01-29-079-20W5/0	920.2–2777	liquids	PROS Reno	Bluesky-Gething
14257	100/05-13-081-21W4/4	586–2920	liquids	AOS Brintnell	Wabiskaw-McMurray
14258	100/16-24-063-17W5/0	3283–4658	liquids	Two Creek	Duvernay
14259	125/03-17-070-03W4/0	775–1564	casing gas	AOS Foster Creek	Wabiskaw-McMurray
14260	125/03-17-070-03W4/0	775–1564	liquids	AOS Foster Creek	Wabiskaw-McMurray
14261	100/04-29-074-07W6/0	2036.9–3214	casing gas	La Glace	Gordondale
14262	100/04-29-074-07W6/0	2036.9–3214	liquids	La Glace	Gordondale
14263	105/16-32-082-14W5/0	745–2150	casing gas	PROS Seal Lake	Bluesky-Gething
14264	105/16-32-082-14W5/0	745–2150	liquids	PROS Seal Lake	Bluesky-Gething
14265	102/12-17-082-13W5/0	756–798	casing gas	PROS Seal Lake	Pekisko
14266	102/12-17-082-13W5/0	756–798	liquids	PROS Seal Lake	Pekisko
14267	102/02-01-083-18W5/8	822–2054	casing gas	PROS Walrus	Bluesky-Gething
14268	102/02-01-083-18W5/8	822–2054	liquids	PROS Walrus	Bluesky-Gething
14269	103/16-26-084-17W5/2	754–2205	casing gas	PROS Three Creeks	Bluesky-Gething
14270	103/16-26-084-17W5/2	754–2205	liquids	PROS Three Creeks	Bluesky-Gething
14271	100/08-35-055-05W5/0	1377–1390.4	casing gas	St. Anne	Exshaw
14272	100/08-35-055-05W5/0	1377–1390.4	liquids	St. Anne	Exshaw

* Measured Depth (MD) is the distance along the borehole (in metres) measured from the kelly bushing (KB). The intervals here are the first occurrence of a perforation to the last occurrence.

Two wells were sampled for liquid only (Table 2). These samples were collected by the well operators and sent into Core Laboratories for routine oil analysis and nickel and vanadium trace metal concentration analyses. A portion of each of these samples was also sent to the G.G. Hatch Stable Isotope Laboratory at the University of Ottawa for sulphur and nitrogen isotope analyses.

4.2 Analytical Methods

The analytical methods for each set of analyses are listed in Table 3. The methodologies include gas chromatography-mass spectrometry (GC-MS), gas chromatography-thermal conductivity and flame ionization detection (GC-TCD/FID), gas chromatography-sulphur chemiluminescence detection (GC-SCD), and inductively coupled plasma atomic emission spectrometry (ICP-AES). It is important to note that these analytical techniques look for specific compounds rather than query all compounds in the sample. This means that there could be other compounds in the samples than what were analyzed for. AITF used Environmental Protection Agency (EPA) Compendium Methodology TO-15 (1999) for VOC analysis and ASTM International Designation D5504-12 (2014) for RSC analysis. Core Laboratories details their analytical methods for routine oil, routine gas, TSA, and trace metal analyses (nickel and vanadium trace metals) on their website (<http://www.corelab.com/ps/geochemistry-fluids>). The G.G. Hatch Stable Isotope Laboratory used ICP-AES for sulphur and nitrogen isotopic analysis.

A total of 102 VOCs and 19 RSCs were analyzed in the casing gas and 25-flash gas samples by AITF, and a total of 15 reduced sulphur compounds were analyzed in casing gas, 25-flash, and 25-flash samples by Core Laboratories. There was an overlap in reduced sulphur analyses where samples were analyzed for some of the same compounds by two different laboratories. The laboratories used the same methodologies but different detection limits. This was done as a quality control check and to test the results from analytical methods with two different detection limits. Some laboratory lower detection limits are higher than the odour threshold values for several compounds, particularly the RSCs that have very low odour thresholds. Because of this, there may be some compounds that are odorous and present but not detected.

Table 3. Analysis types and their methodologies as well as the sample type that underwent analysis.

Analysis Type	Sample Types	Methodology
Routine Oil	Oil	various
Routine Gas	Casing gas, 25-flash, 80-flash	GC-TCD/FID
Volatile Organic Compounds	Casing gas, 25-flash	GC-MS
Reduced Sulphur Compounds	Casing gas	GC-SCD
Trace Sulphur Analysis	Casing gas, 25-flash, 80-flash	GC-SCD
Sulphur and Nitrogen Isotopes	Oil	ICP-AES
Nickel and Vanadium Trace Metals	Oil	ICP-AES

5 Results and Discussion

5.1 Source-Rock Contribution

Based on the 3-D geological model, the Gordondale Member is the closest source rock to the current major activity in the southwestern part of the PROS area; it subcrops directly beneath the Bluesky-Gething deposit in the Reno area and just west of the Three Creeks, Walrus, and Seal Lake areas (Figure 3). Direct vertical migration of oil from the Gordondale is expected to be impeded where the

Gordondale is overlain by other Fernie Formation shales because they act as a barrier to fluid flow (Figure 10), also discussed in Adams et al. (2013). The model indicates that Gordondale-sourced oil is likely a main contributor to the oil sands deposits in the recommendation areas due to the other Fernie Formation shales acting as a barrier to fluid flow and the location where the Gordondale subcrops.

The Exshaw Formation source rock is located approximately 500 m below the main oil sands designated heavy oil and bitumen production in the southwest PROS area (Figure 4 and Figure 10). It comes into direct contact with the Bluesky-Gething in the northeast PROS area (Figure 3). A variety of porous and permeable geological units overlie the Exshaw Formation. Connection of these units through faulting may have provided a series of migration pathways for Exshaw-sourced oils to enter the Bluesky-Gething deposits downdip from the Exshaw subcrop area, especially east of the upper Debolt anhydrite pinchout (Figure 3 and Figure 4). The Debolt anhydrite acts as a barrier to Exshaw-sourced fluid flow similarly to how the other Fernie Formation shales act as a barrier to Gordondale-sourced fluid flow.

The Duvernay Formation source rock is located approximately 1200 m below the main designated heavy oil and bitumen production in the southwest PROS area (included with the Woodbend Group on Figure 4). Although the Duvernay is not the focus of this study, a sample was collected in order to compare it with the other type-oil samples (Gordondale and Exshaw).

The analytical identification of the source-rock contributions to the oil sands deposits in Alberta have been studied and debated for decades (summarized in Adams et al., 2013). Some of the more recent literature (e.g., Adams et al., 2013) indicates that oil sands deposits in the PROS area change from pure Gordondale-sourced oil in the southwest to pure Exshaw-sourced oil in the northeast, with an area of mixing in between. While some workers have argued for the Exshaw Formation shale as the single or at least dominant source (see Riediger et al., 2000, for a review), others suggest contributions from many source rocks. Most of the ambiguity stems from the fact that, compared to light oil, determining the source rocks of heavy oil and bitumen is more complex because of the effect of biodegradation on liquid chemistry. The properties that are affected through biodegradation of oil include (Schmitt, 2004)

- density,
- viscosity,
- API gravity,
- asphaltene content,
- total sulphur content, and
- trace metal content.

The rate of biodegradation is primarily controlled by temperature, salinity, delivery of nutrients, and the removal of secondary biogenic gas (Adams et al., 2013). As reservoirs in Alberta become shallower from west to east, the heavy oil and bitumen are generally more biodegraded. In the Peace River area, it is suggested that timing of migration also plays a part in the rate of biodegradation (Riediger et al., 2000). For example, Exshaw oils migrated into Pekisko reservoirs before Gordondale oils migrated into Bluesky reservoirs. This may explain more highly biodegraded oils in the Pekisko than in the Bluesky, despite the Bluesky being at shallower depths (Riediger et al., 2000).

It has been noted in the literature (Marcano et al., 2010) that whole-sulphur isotopic composition is minimally affected by biodegradation, even in highly biodegraded oils. Additionally, the vanadium (V) and nickel (Ni) ratio (V/Ni) can be used as markers to distinguish oil families because, even though the trace metal concentrations are affected by biodegradation, their ratios remain relatively unaffected (Adams et al., 2013).

The trace metal and isotope data acquired during this study (Appendix 1) are consistent with those presented in Adams et al. (2013) and indicate mainly Gordondale and Exshaw sourcing in the PROS area and a lack of Gordondale source-rock contribution in the other OSAs (Figure 13). The Exshaw component increases as you move northeast through the PROS area (Figure 14). The exception to this is the sample from northeast of the Red Earth Highlands, which was taken from a well that had recently been converted to SAGD production. The water source for the steam may have changed the sulphur isotope ratios without affecting the vanadium to nickel ratio. Due to the mixing of these source oils and the complexity of the oil contribution based on depth, it would be extremely difficult to draw a line between where pure Gordondale-sourced oil and pure Exshaw-sourced oil exists within the Peace River recommendation areas. This area appears to be a mixture of both source rocks.

The Gordondale type oil analyzed for this study is likely of higher organic maturity than the type oils in Adams et al. (2013), which may account for the variation from the Adams et al. (2013) Gordondale source-oil box (Figure 13). Some samples could not be plotted in Figure 13 because isotopic data were not analyzed for or were unable to be determined by the laboratory. In Figure 14, the data shows an increasing Gordondale component from northeast to southwest across the PROS area. Some samples could not be plotted in Figure 14 because isotopic data were not analyzed for or because the nickel and vanadium contents were below detection limits.

5.2 Petroleum Chemistry and Liquid Properties

5.2.1 Volatile Organic Compounds and Reduced Sulphur Compounds

VOC and RSC data for petroleum flowing directly from the reservoir are limited to the data collected in this study (Appendix 1). This section summarizes this data, mainly focusing on their potential to be odorous. A compound is considered to be more odorous the more times the concentration exceeds the odour threshold as defined in Section 1.1. This study does not consider other factors that could contribute to the potential to be odorous, such as rate for gas release, the offensiveness of the odour, or how each compound will behave when dispersed in air. Odour thresholds were available for 57 of 102 VOCs and 12 of 19 RSCs analyzed for in this study (Appendix 1).

In casing gas samples, RSCs appear to be significantly more odorous than the majority of VOCs detected (Figure 15). RSC concentrations commonly exceeded 1000 times the odour threshold when present in the sample (Appendix 2), while VOCs are most commonly less than 100 times the odour threshold (Appendix 2). This is in part due to sulphur compounds having lower threshold ranges on average than hydrocarbon compounds, making it easier for the threshold to be exceeded (Nagata, 2003).

The total concentration of RSCs and VOCs was analyzed for trends that would indicate that there could be differences between oil sands designated heavy oil and bitumen regionally across all OSAs or locally within the PROS area. The following observations were made:

- Total VOC and RSC concentrations in casing and 25-flash gas show no regional trend in the oil sands designated heavy oil and bitumen (Figure 16).
- No trend is observed across all the oil sands areas that indicate that the PROS have higher total RSC and VOC concentrations emitted from oils compared to other OSAs (Figure 17).
- There is a broad relationship (due to the regional nature of the sample data) between the amount of total VOCs and the oil density: less dense oil corresponds with more total VOCs (Figure 18), which is expected as lower density oils have higher concentrations of more volatile compounds.
- Total VOC and RSC concentrations in casing and 25-flash gas do not correlate to the total sulphur content in the oils (Figure 19).

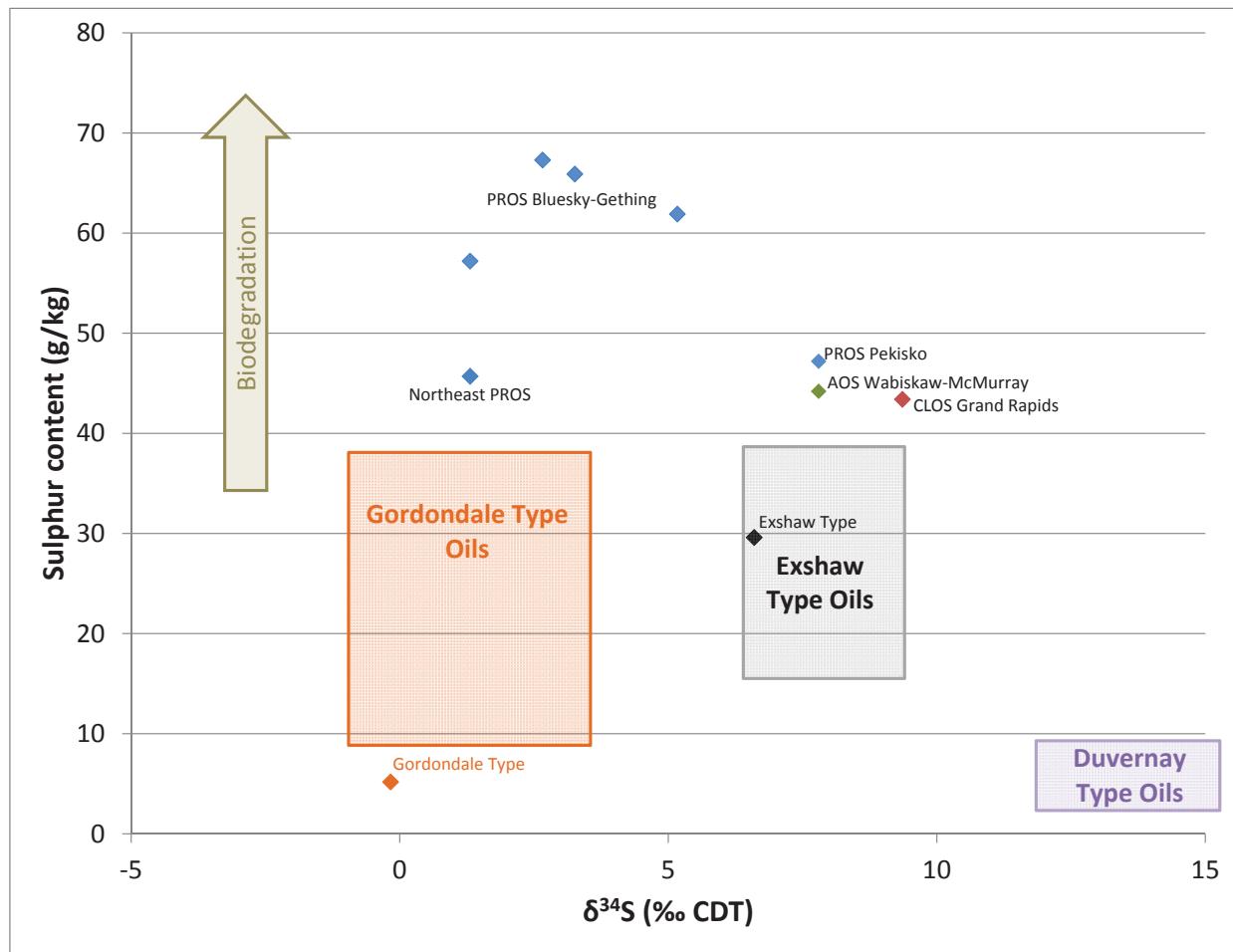


Figure 13. Graph of total sulphur versus $\delta^{34}\text{S}$ data from this study shown with the proposed source-oil data ranges from Adams et al. (2013). Data points are coloured by producing formation for the type-oil samples and by oil sands area for the heavy oil and bitumen samples.

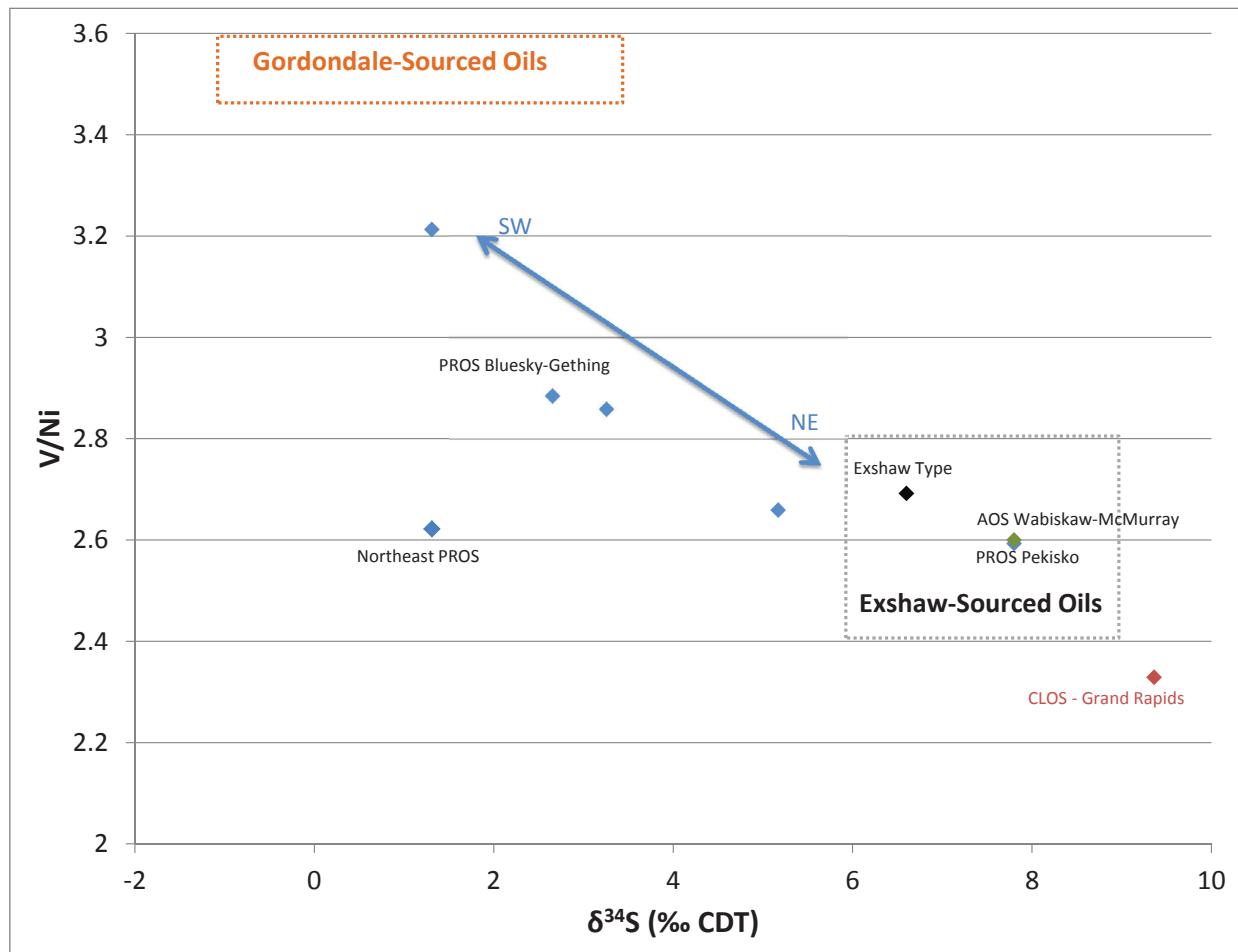


Figure 14. Graph of vanadium to nickel ratio (V/Ni) versus $\delta^{34}S$ data from this study. Data points are coloured by producing formation for the type-oil samples and by oil sands area for the heavy oil and bitumen samples.

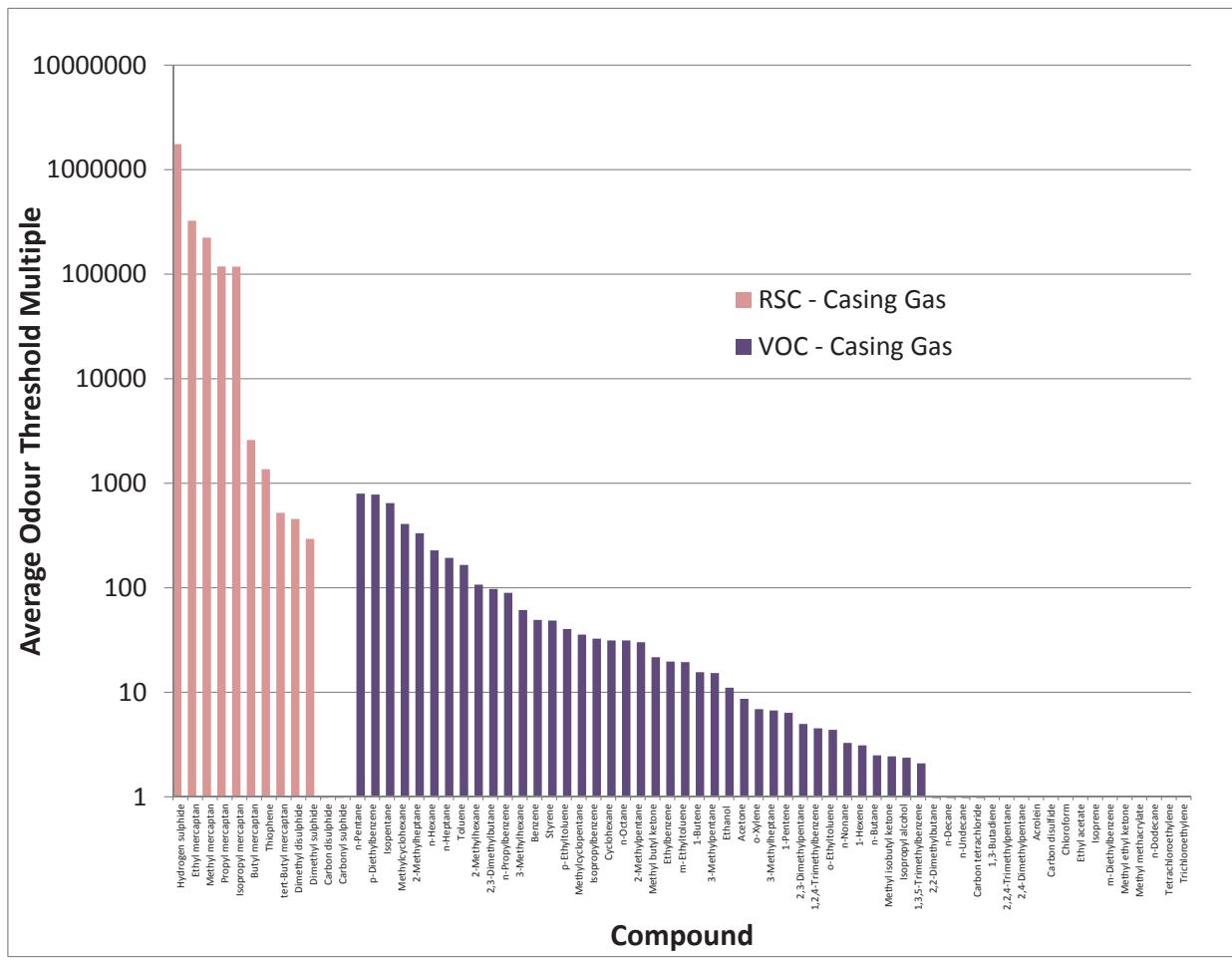


Figure 15. Graph of total RSC and VOC odour threshold exceedance multiples compared (when present).

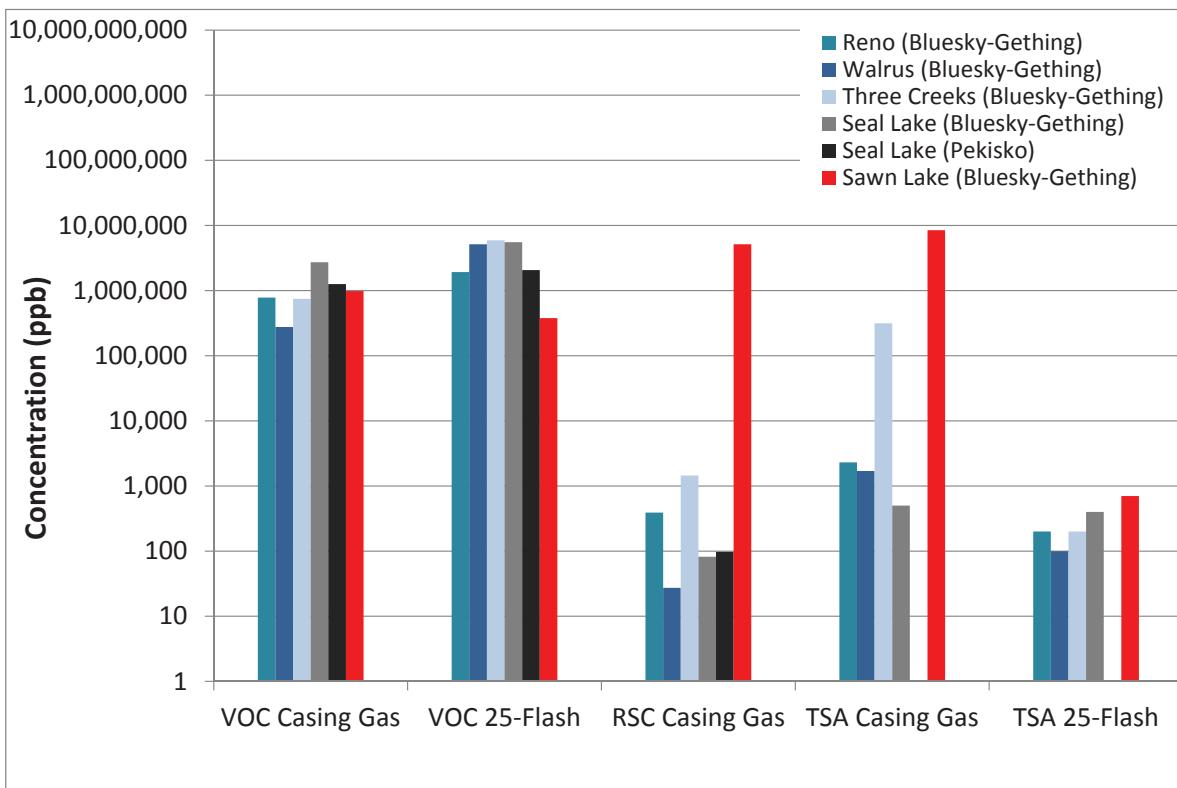


Figure 16. Graph of total VOC and RSC concentrations in casing gas and 25-flash gas samples in the PROS area. TSA is also RSC analysis using a different range in detection limits and analyzing for slightly fewer RSCs. The two analyses are not meant to be compared here.

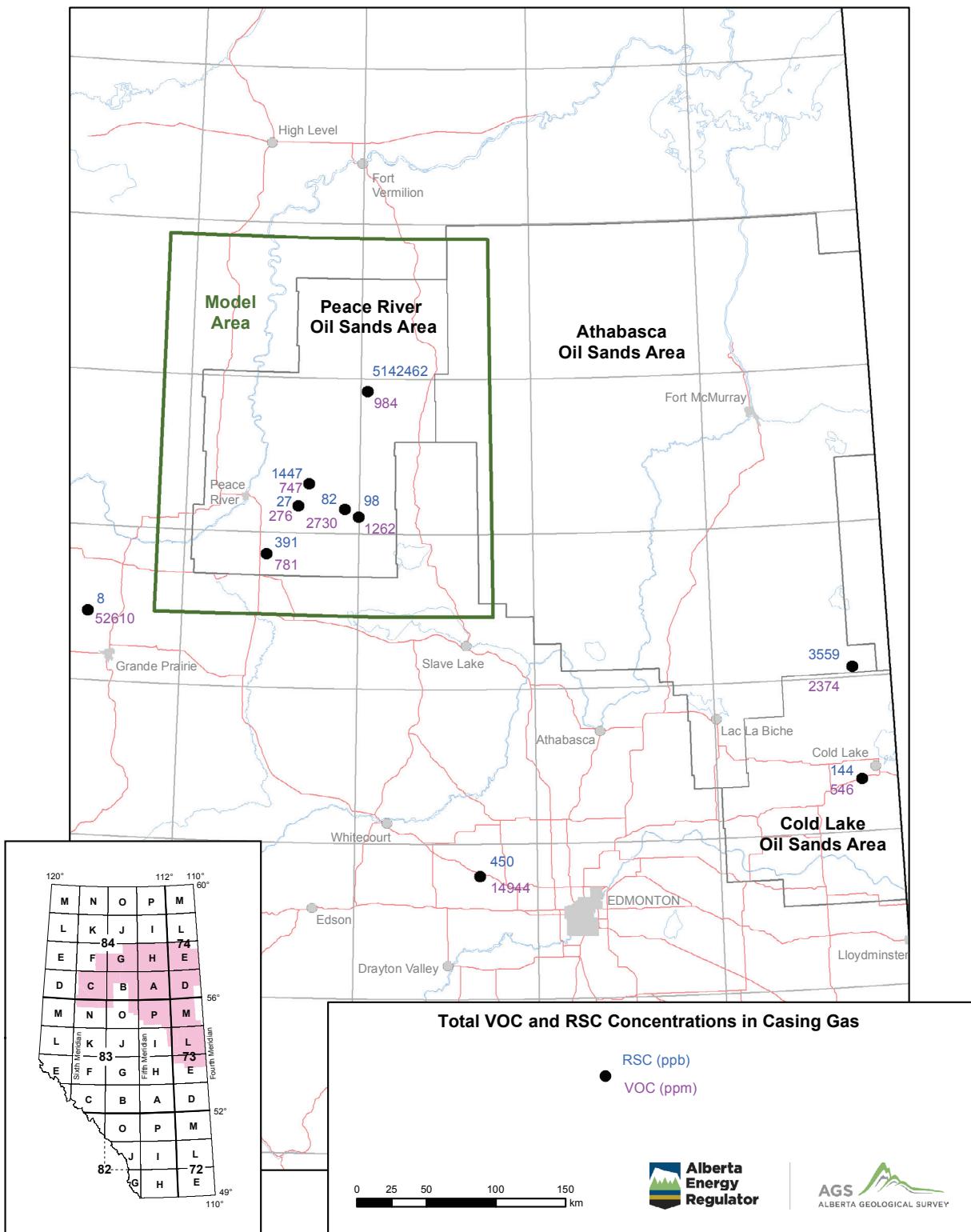


Figure 17. Map of total VOC and RSC concentrations in casing gas samples.

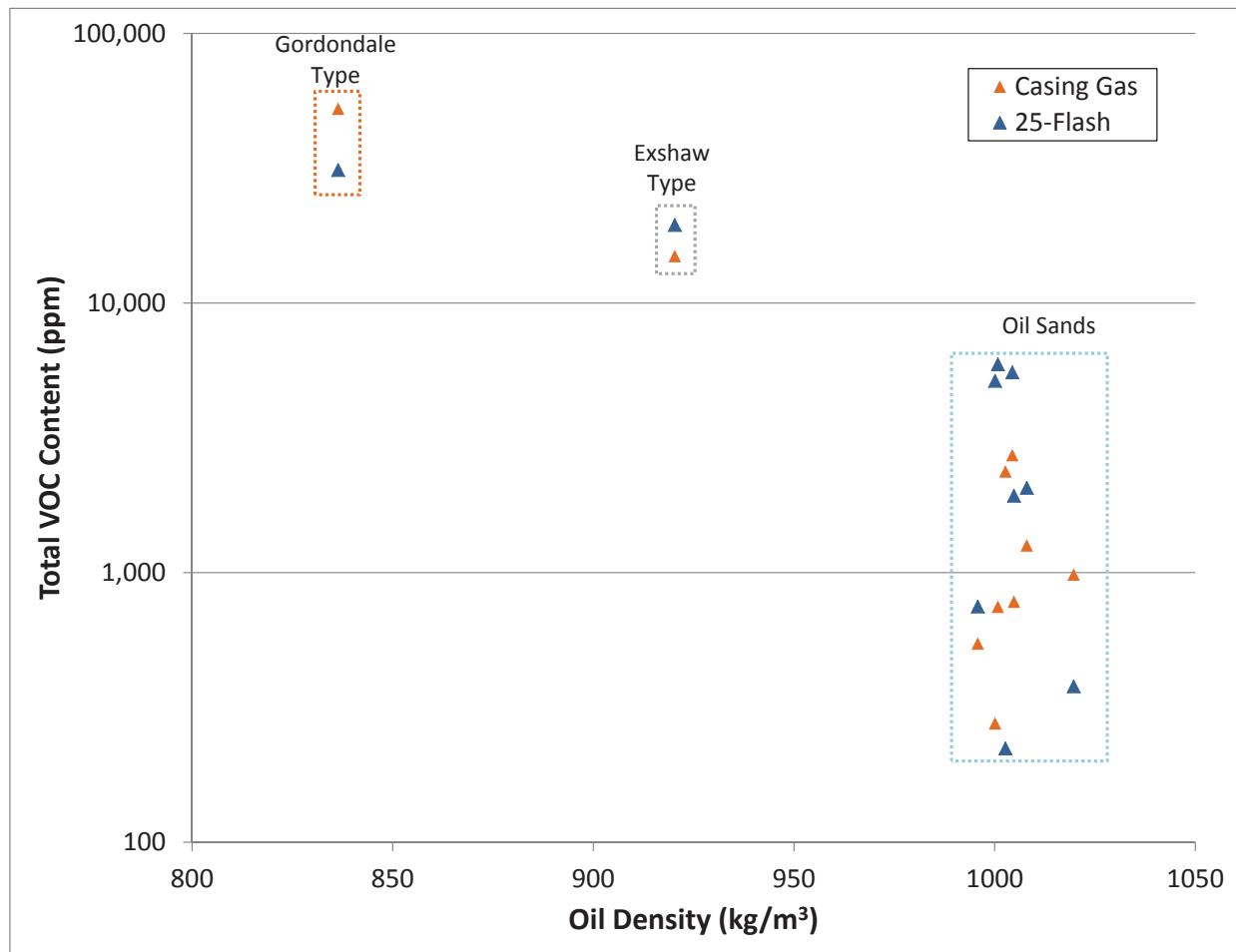


Figure 18. Graph of total VOCs in casing gas and 25-flash gas versus 15°C post-cleaning absolute oil density. The boxes represent producing formation for the type-oil samples, and oil sands designated heavy oil and bitumen samples.

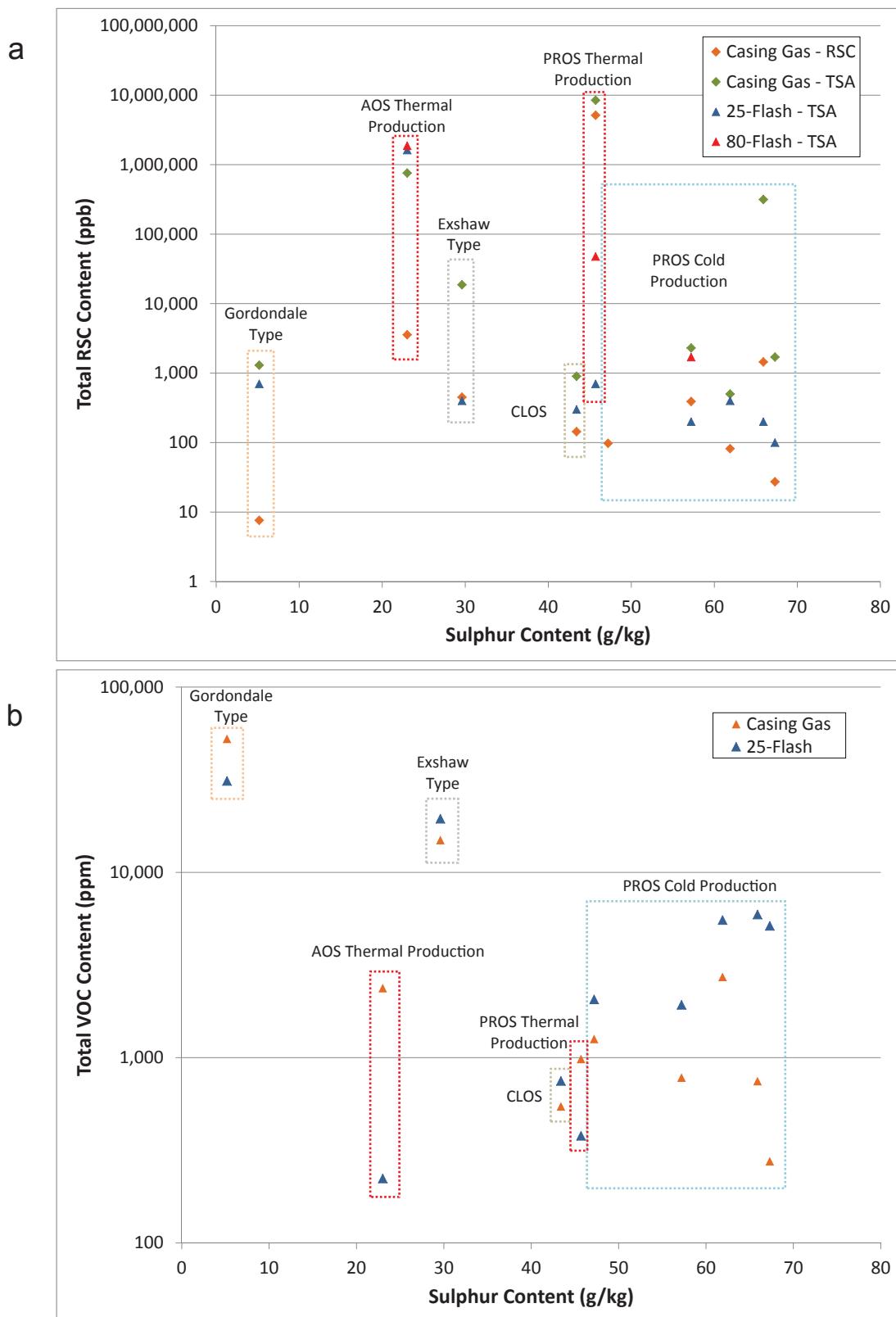


Figure 19. Graphs of total RSCs and VOCs versus total sulphur. The boxes represent producing formation for the type-oil samples and the OSA for the oil sands designated heavy oil and bitumen samples.

- Total RSC concentrations in casing gas samples are highest in wells undergoing thermal production (Figure 20).

The data indicate that regionally, the oil sands designated heavy oil and bitumen is similar with respect to total RSC and VOC concentrations, and that the total RSC concentrations cannot be directly correlated to the total sulphur content, contrary to what was hypothesized in the Peace River proceedings.

Liquid samples heated from 25°C to 80°C in the laboratory were analyzed in order to determine the effect of heating oil sands designated heavy oil and bitumen on RSC concentrations. When heated, the RSC concentrations in two of the three samples increased by orders of magnitude when you compared sample heated to 25°C to those heated to 80°C, one from PROS Reno and the other from PROS Sawn Lake (Figure 20). The third sample (AOS Foster Creek sample) had much smaller concentration increases (Figure 20); however, the fluids were already heated in excess of 200°C in the reservoir from thermal production methods in this well, therefore heating the sample to 25°C and 80°C was not very effective. Also, in this well, the concentration of RSCs in casing gas samples increased by orders of magnitude, indicating that these gases are released in the reservoir from heating in the ground. Heating of the oil clearly causes an increase in the amount of RSCs released. This is related in part to the boiling points of the compounds. Many of the RSCs have boiling points between initial reservoir temperature (~10–25°C) and temperatures obtained using cold production methods (heating the liquids in a tank at surface to approximately 80°C) or thermal production methods (some methods reaching more than 200°C) (Table 4). To further support this, RSC data show an increase in concentrations of individual RSCs that have boiling points between the average reservoir temperatures and the temperatures reached by thermal production (see Appendix 1 for data comparison).

According to these data, the main contributor to the increase in RSC concentrations is the addition of heat to the heavy oil and bitumen. The greater the difference between the reservoir temperature of the heavy oil and bitumen and the temperature it needs to be heated to in order to produce it (the heat differential), the greater concentrations of RSCs will be released.

5.2.2 Density and Viscosity

Terms and classifications relating to heavy oil and bitumen vary around the world (Kashirtsev and Hein, 2012). In Alberta, heavy oil and bitumen are lumped together by the AER for administrative purposes, resulting in a very broad classification range for heavy oil and bitumen. There is significant difference between the scientific definitions and the AERs administrative definitions (see Section 1.1).

The 3-D model was used to integrate available datasets, including density, viscosity, and production data for heavy oil and bitumen in the PROS area. Integration of this data within the model allowed for multiple sets of data to be compared, showing data variability with depth and in context of geological units. Comparing density and viscosity data to where cold and thermal production methods are occurring shows that the combination of both density and viscosity are the key properties separating all heavy oil from oil sands designated heavy oil and bitumen (Figure 11). These data indicate there should be a density and viscosity break between all heavy oil and oil sands designated heavy oil and bitumen at a density of approximately 950 kg/m³ and a viscosity of approximately 1000 cP (Figure 21). A surface representing this density and viscosity (the ‘base of PROS surface’) was created within the model to represent this division in 3-D space (details in Section 5.3). Oils with densities and viscosities higher than these cut-offs will either have difficulty flowing to the well or will not flow to the well at all and therefore will have a greater need to undergo some sort of heat treatment at the surface or in the reservoir in order to make the oil flow (cold or thermal production). Conversely, oils with densities and viscosities below the cut-offs will be less likely to require this sort of heat treatment.

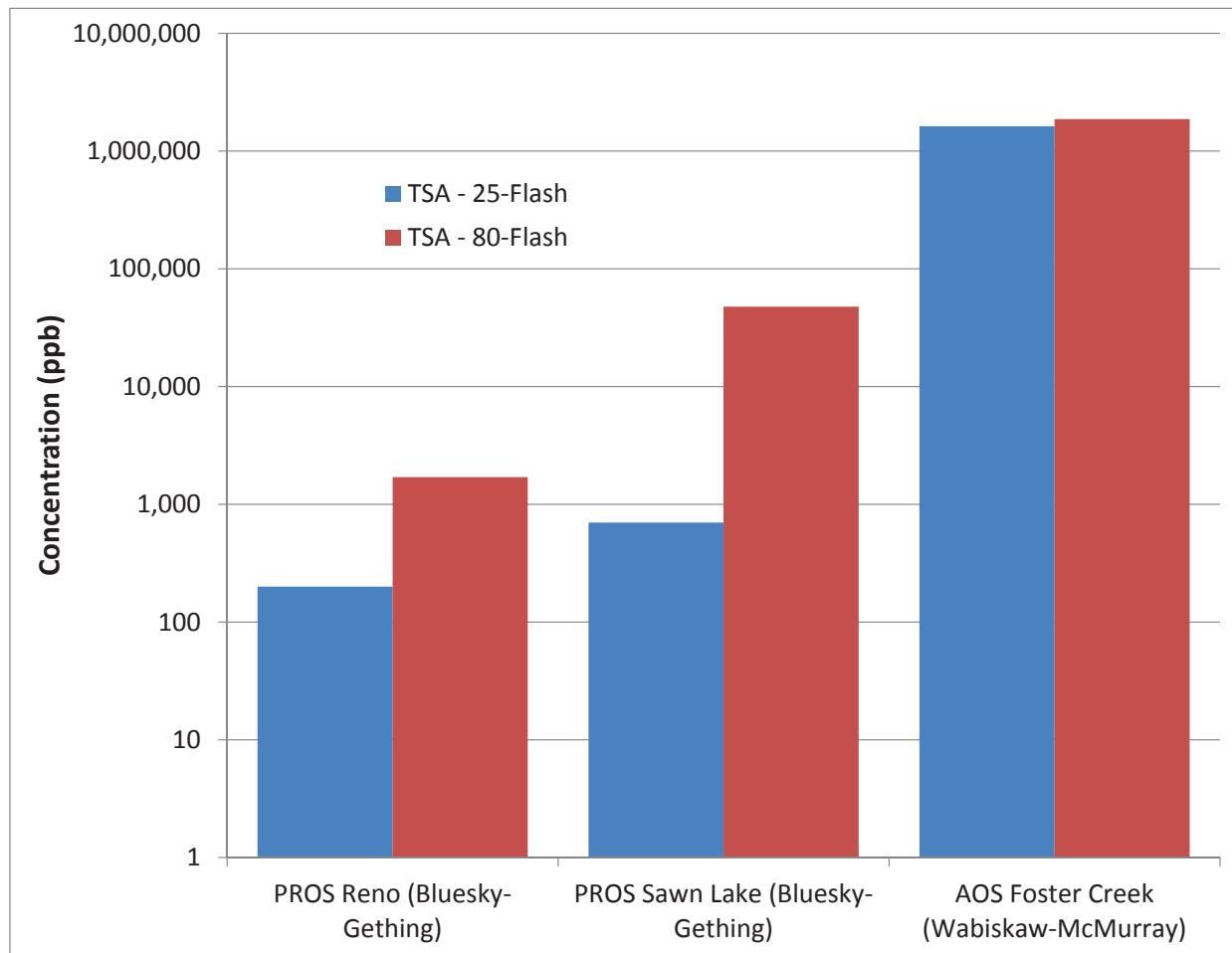


Figure 20. Graph of total RSC concentrations, comparing 25-flash and 80-flash gas samples, measured by trace sulphur analysis (TSA).

Table 4. Boiling points for reduced sulphur compounds analyzed for in this study.

Compound	Normal Boiling Point (°C)
Hydrogen sulphide	-60
Carbonyl sulphide	-50
Methyl mercaptan	6
Ethyl mercaptan	35
Dimethyl sulphide	38
Carbon disulphide	46
Isopropyl mercaptan	59
Tert-Butyl mercaptan	64
Methyl Ethyl Sulphide	67
Propyl mercaptan	68
Thiophene	84
Isobutyl mercaptan	88
Ethyl (diethyl) sulphide	91
Diethyl disulphide	97
Butyl mercaptan	98
Dimethyl disulphide	109
2-Methylthiophene	113
3-Methylthiophene	114
Pentyl mercaptan	126
2-Ethylthiophene	132
2,5-Dimethylthiophene	134

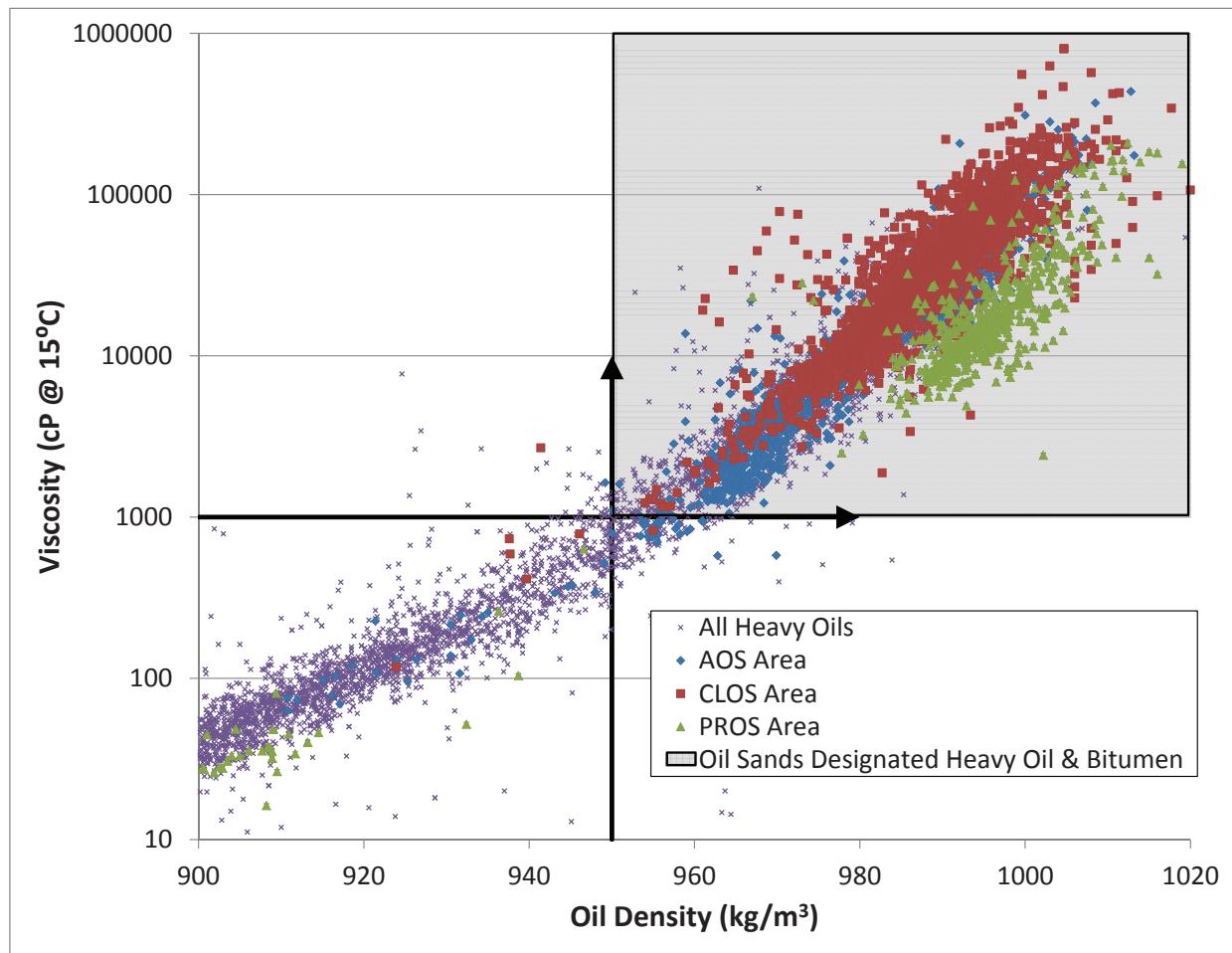


Figure 21. Graph of heavy oil and bitumen densities versus viscosities.

In the PROS area, oil sands designated heavy oil and bitumen can flow to the well but not with ease. Ranges of densities and viscosities completely straddle the AER and scientific definitions of heavy oil and bitumen (Figure 11), making this area a combination of both. Observations made in this study based on production methods and oil properties are as follows:

- Heavy oil has different oil properties and is produced differently than oil sands designated heavy oil and bitumen.
- In this study, oil sands designated heavy oil and bitumen are observed to have densities $\geq 950 \text{ kg/m}^3$ and viscosities $\geq 1000 \text{ cP}$.
- The existence of oil sands designated heavy oil and bitumen is not limited to a single geological unit.

5.3 Geological Plays and Heavy Oil and Bitumen Deposits and Zones

The spatial relationship of the Bluesky, Gething, and older formations subcropping at the Sub-K creates complex reservoirs within the PROS area (Figure 3). Cretaceous strata lie directly in contact with a variety of sub-Cretaceous strata, including porous and nonporous clastic and carbonate units (Figure 4). Log-calculated porosities in formations directly below and above the Sub-K range from zero to greater than 30 per cent. Geological units that have produced or have an approved AER in situ scheme to produce oil sands designated heavy oil and bitumen in this area include the Bluesky-Gething, Belloy, Debolt, and Pekisko formations. These geological units were the focus of the work to define geological plays; however, oil sands designated heavy oil and bitumen in the PROS area is not limited to these geological units. The following geological plays are the focus of this section:

- Bluesky-Gething play
- Belloy play
- Debolt play
- Pekisko play

In the 3-D geological model, heavy oil and bitumen deposits were identified within each of the four geological plays listed above to aid regulatory response. In the PROS area, the heavy oil and bitumen deposits are identified using different methods based on available data and formation properties:

- The Bluesky-Gething heavy oil and bitumen deposit was defined using a net pay map generated applying a 6% mass bitumen cut-off in the Bluesky-Gething sands (Figure 22).
- The Belloy heavy oil and bitumen deposit is defined anywhere the Belloy is present, due to the lack of currently producing wells to help confine the deposit (Figure 22).
- The Debolt heavy oil and bitumen deposit was limited to the area showing a minimum of three metres of pay (pay defined as having less than 20 API gamma-ray geophysical well log response, an interval transit time of greater than 260 us/m from a sonic geophysical well log, and greater than 20 ohmm from a resistivity geophysical well log (Figure 22).
- The Pekisko heavy oil and bitumen deposit was estimated where the Pekisko isopach was greater than 7.5 m (because well density was insufficient to conduct log analysis) between the Debolt and Pekisko subcrop areas; this area shows increased porosity development in the Pekisko through intense dolomitization (Figure 22).

The spatial relationship of the heavy oil and bitumen deposits and the chemical properties of the oils suggest that, when in contact or near contact with each other, the deposits may act as a single reservoir or a group of related reservoirs (Figure 23).

The 3-D model helped to visualize the complex arrangement of the geological plays, which helped identify the heavy oil and bitumen deposits within each play. Connecting the geobodies representing each

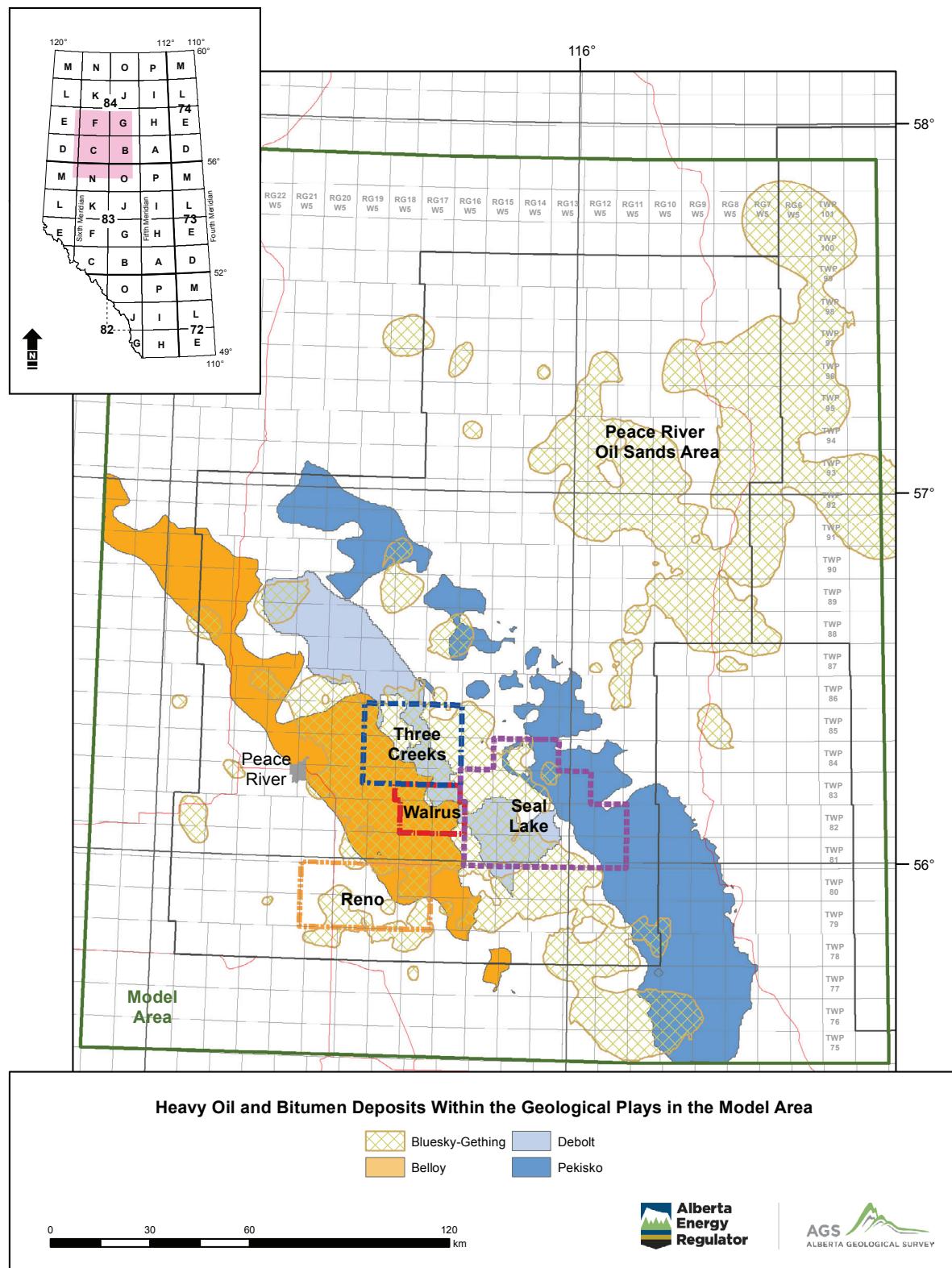


Figure 22. Map of the surface extent of the heavy oil and bitumen deposits identified within each geological play and within the model area.

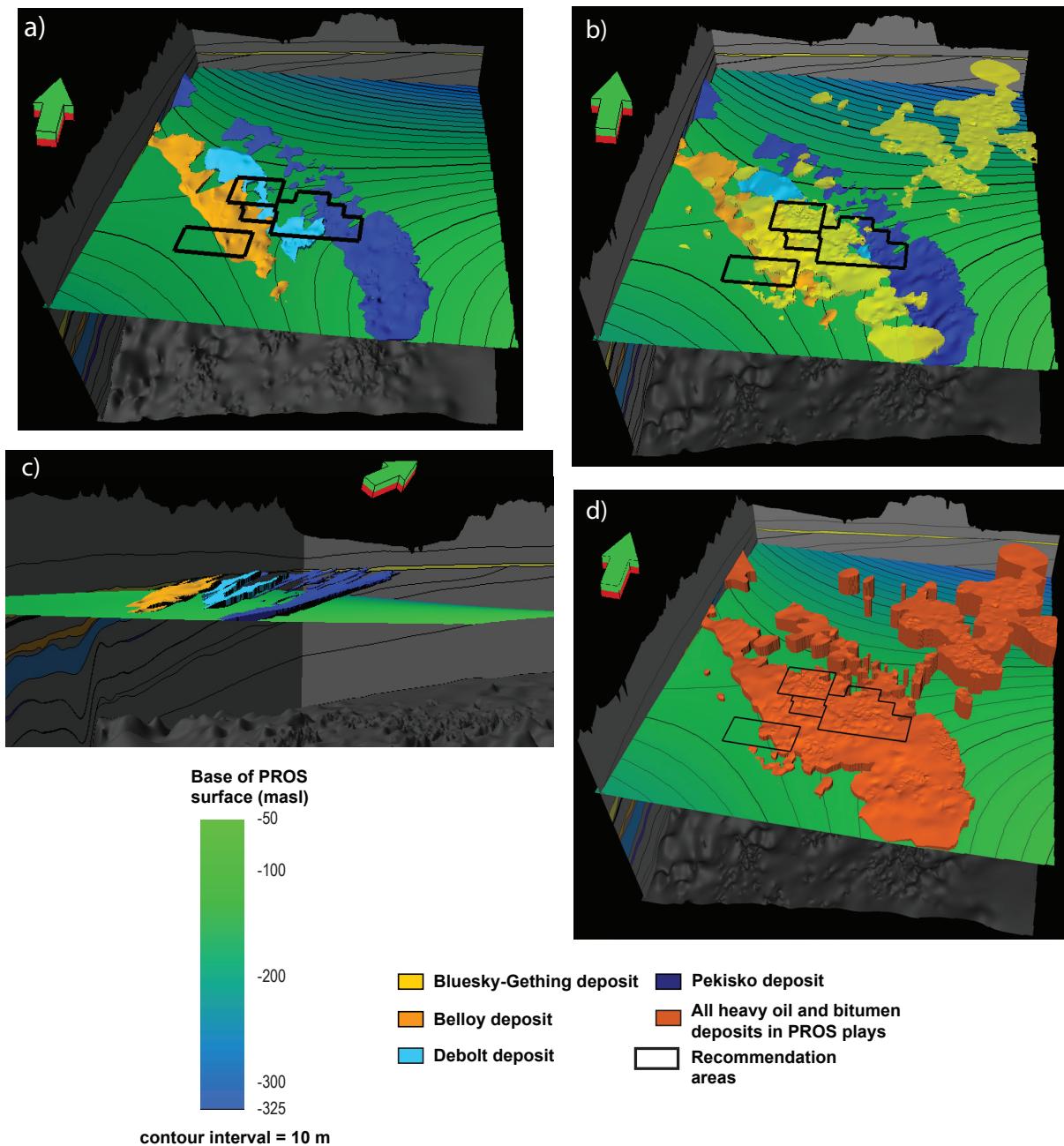


Figure 23. Peace River Oil Sands (PROS) Area heavy oil and bitumen deposits were identified within the four geological plays in the 3-D geological model area (shown at 50× vertical exaggeration) based on geological unit and spatial extent above the base of PROS surface which represents an oil density of ~950 kg/m³; a) the PROS heavy oil and bitumen deposits within the Belloy, Debolt, and Pekisko plays and above the base of PROS surface; b) the extent of the heavy oil and bitumen deposit within the Bluesky-Gething play showing overlap of the heavy oil and bitumen deposits shown in (a); c) a side view of the heavy oil and bitumen deposits (viewed from the southwest) showing how the deposit areas have been truncated by the base of PROS surface; d) the extent of the combined heavy oil and bitumen deposits.

deposit and using a defined top and base, we were able to create a geobody representing the cumulative heavy oil and bitumen deposits for the PROS. This geobody is a representation of the area where oil sands designated heavy oil and bitumen is currently most prospective. The top of this geobody is defined as the base of the Fort St. John Group, and the base of the geobody was determined using oil density and oil viscosity data. A surface was created to represent the depth at which the oil density approximates 950 kg/m³, called the ‘base of PROS surface.’ We verified that heavy oil and bitumen above this surface have oil densities \geq 950 kg/m³ and oil viscosities approximately \geq 1000 cP. This surface was used as a base to the heavy oil and bitumen deposits and the cumulative geobody within the 3-D model (Figure 24).

In the future, the extents of the heavy oil and bitumen deposits will change and may include other geological units as more data become available; however, currently we only have indication of oil sands designated heavy oil and bitumen production in these four geological plays. Also, the model results indicate that the PROS area does not sufficiently cover the extent of the oil sands designated heavy oil and bitumen because the extent of the data modelling abruptly ends at the model area borders.

A 3-D heavy oil and bitumen odours and emissions assessment profile was created, identifying zones where the probability for releasing odours and emissions from heavy oil and bitumen is high, medium, or low (Figure 25). This assessment is based on the chemical composition and physical properties of oil and reflects the probability that oils will need to be heated by a significant degree during production. The profile is built using five surfaces: the ground surface, the base of the Fort St. John Group, the base of PROS surface, the ‘base of heavy oil surface,’ and the basement. In order to add the lowest probability zone to the profile, the ‘base of heavy oil surface’ was generated separating heavy crude oils (\geq 900 kg/m³) from the lower density light and medium crude oils below (Figure 26). This surface was validated using oil density and viscosity data, confirming that the oils fall into the correct 3-D probability zone (Figure 26).

Any oil found within the red zone on the heavy oil and bitumen odours and emissions assessment profile (Figure 25) would have high probability for odours and emissions due to the high probability that

- the oil will have densities \geq 950 kg/m³ and viscosities approximately \geq 1000 cP, and
- the oil will need to be heated to temperatures significantly higher than initial reservoir temperature (high temperature differential), either in the reservoir or at surface, to allow it to flow.

Oils in the yellow zone (Figure 25) have moderate probability for odours and emissions, and further testing of the oils and how they behave when heated should be considered if the oil has any of the above characteristics. Oils in the green interval (Figure 25) do not show significant probability of having the above characteristics.

The red zone, representing the highest probability of encountering heavy oil and bitumen likely responsible for odours and emissions, has been named the ‘PROS Heavy Oil / Bitumen Zone’ (Figure 25). The PROS Heavy Oil / Bitumen Zone is currently defined as the volume where the following conditions are found:

- heavy oil and bitumen with density \geq 950 kg/m³ and viscosity \geq 1000 cP that is
- within the model area and
- occurring between the base of the Fort St. John Group and the base of PROS surface.

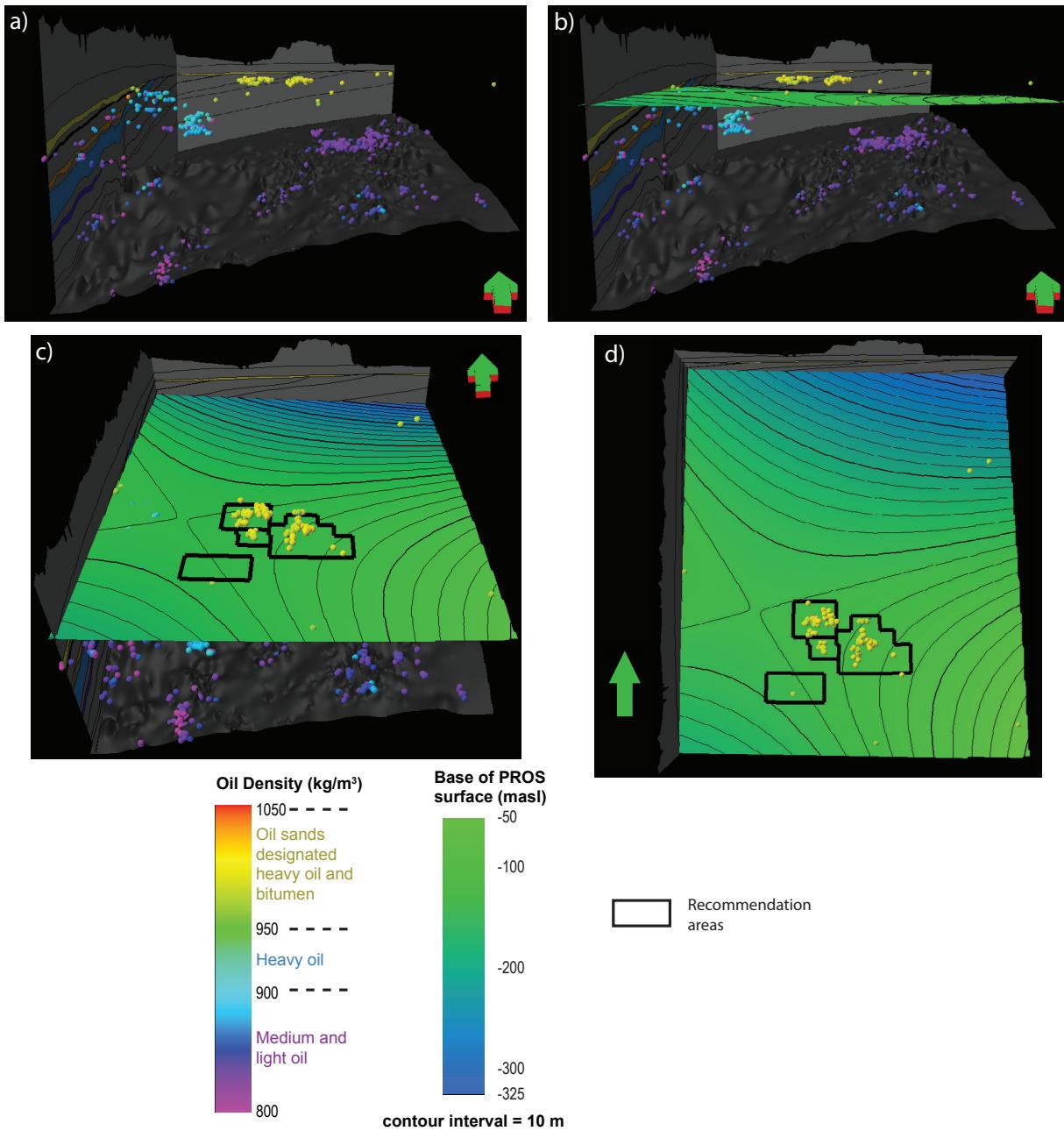


Figure 24. A series of images showing the creation of the base of PROS surface within the 3-D geological model from oil density (15°C post-cleaning, absolute density) data. All images of the model are shown at 50× vertical exaggeration. a) oil density data was plotted within the 3-D geological model to assess the spatial variability. b) The base of PROS surface created and integrated with the oil density data to test the validity of the base of PROS surface. The location of the Peace River recommendation areas in oblique view (c) and plan view (d).

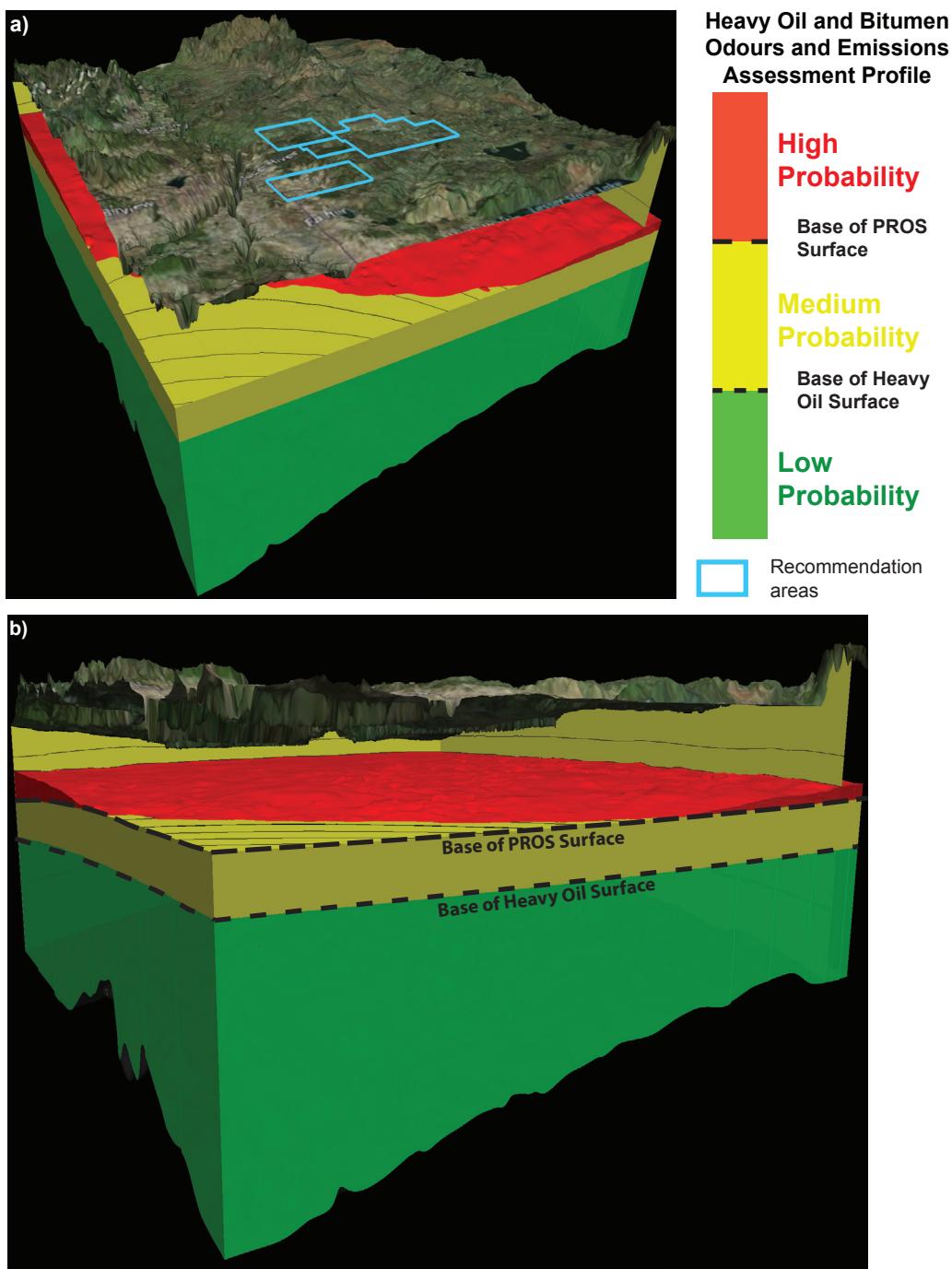


Figure 25. A heavy oil and bitumen odours and emissions assessment profile built within the 3-D geological model (shown at 50× vertical exaggeration) identifying the subsurface intervals of high, medium, and low probability for odours and emissions from heavy oil and bitumen in the PROS area. The assessment is based on properties of the oil and the requirement to heat the oil to a large degree in order to produce it; a) a view of the model showing the probability intervals and the location of the recommendation areas. The zone between the base of the Fort St. John Group and the base of PROS surface is considered high probability, the zone between the base of PROS surface and the base of heavy oil surface is medium probability, the zone below the base of heavy oil surface is considered low probability, and the area from the ground surface to the base of the Fort St. John Group is undetermined; b) an oblique view through the model.

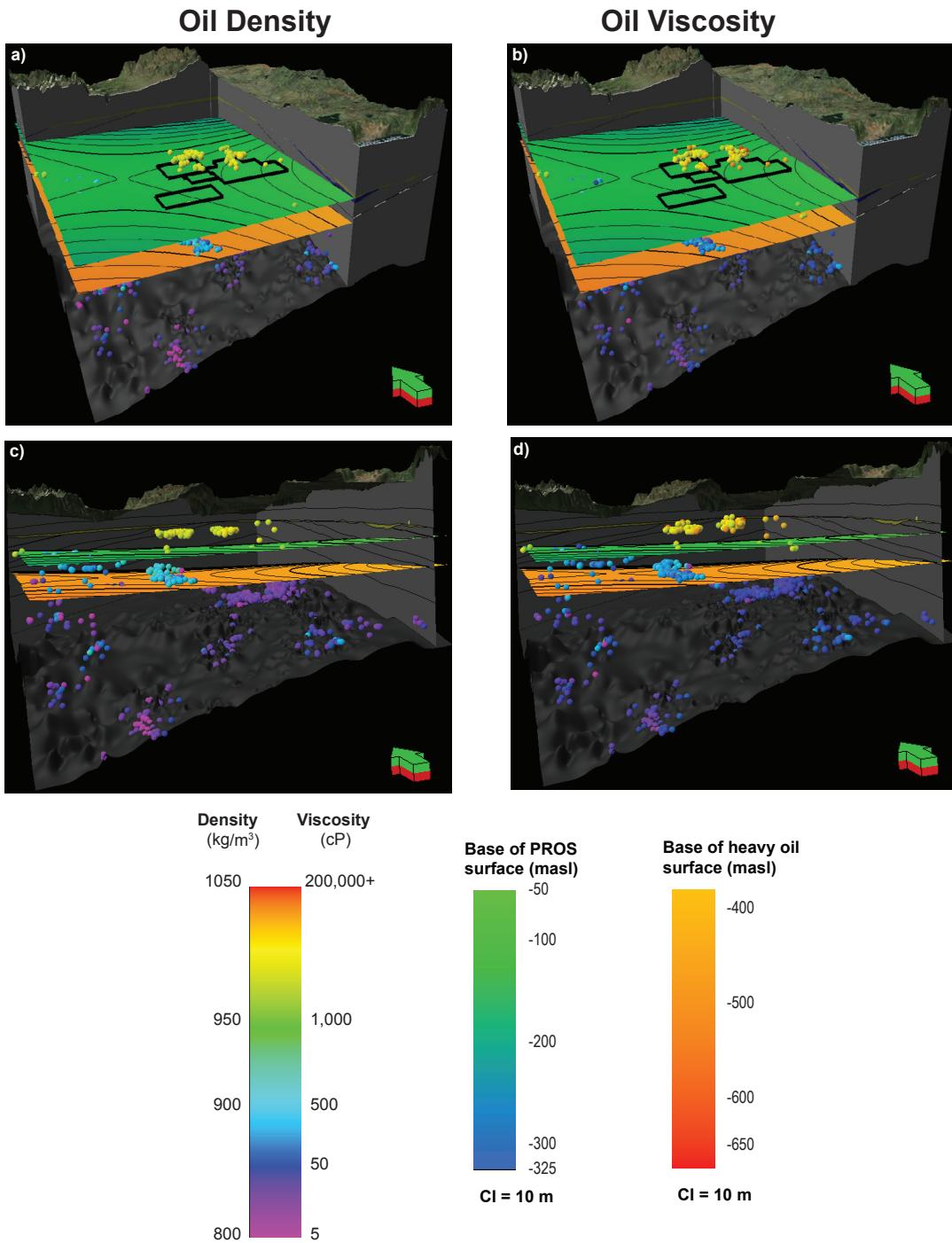


Figure 26. Data used to create the heavy oil and bitumen odours and emissions assessment profile for the PROS area. A base of heavy oil surface was created within the 3-D geological model (shown at 50× vertical exaggeration) and validated using a) oil density data (15°C post-cleaning, absolute density) and b) oil viscosity data (15°C kinematic viscosity). c) and d) provide side views of the model area showing the vertical separation of light and medium crude oil (darker blue and purple data points) from the heavy crude oils (light blue data points) by the base of heavy oil surface, and the oil sands designated heavy oil and bitumen (yellow and orange data points) by the base of PROS surface. The base of PROS surface has been included for reference in all images.

6 Conclusions

The following summarizes the results of this study:

- There are currently four geological plays in the PROS area with heavy oil and bitumen deposits: the Bluesky-Gething play, the Belloy play, the Debolt play, and the Pekisko play. The amalgamation of the heavy oil and bitumen deposits identified in each play was used to create a 3-D geobody representing the area currently prospective for oil sands designated heavy oil and bitumen.
- There is more Gordondale Member-sourced oil in these plays in the western part of the PROS area, and more Exshaw Formation-sourced oil in the eastern part of the PROS area as well as in deeper geological plays. However, stratigraphic architecture, the extensive faulting, and degree of homogenization of the oils through processes such as biodegradation make it impossible to draw a boundary separating their occurrence.
- The process and degree of biodegradation, not only the source rock, leads to increased sulphur content, and increased sulphur content does not appear to correlate to increased RSCs and VOCs in the samples.
- In the PROS area, the 3-D zone in the subsurface where the heavy oil and bitumen appears to have the highest probability for increased odours and emissions is related to depth, oil properties, and heat treatment during production, regardless of the geological play or source rock. This zone is called the ‘PROS Heavy Oil / Bitumen Zone’ and is defined as any zone above the depth where heavy oil and bitumen have densities $\geq 950 \text{ kg/m}^3$, viscosities $\geq 1000 \text{ cP}$, and below the base of the Fort St. John Group. This is the zone in each play where heavy oil and bitumen will need to be heated to temperatures significantly higher than initial reservoir temperature (high temperature differential), either in the reservoir or at surface, to allow it to flow.
- While both RSCs and VOCs are present in the produced oil sands designated heavy oil and bitumen, there is no correlation between their concentrations and the oil’s source rock.
- There is a trend of increasing RSC concentrations released from the oil sands designated heavy oil and bitumen as the temperature difference between original reservoir temperatures and production temperatures increases.

7 References

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Appendix 1 – Supplementary Tables

Table 5. Odour thresholds for select C1-C7 hydrocarbons, reduced sulphur compounds, and volatile organic compounds analyzed for in this study (from Nagata, 2003, and other government sources)

Legend

Compound	The name of the chemical compound analyzed for, as presented by the laboratory
Odour Threshold	The lowest concentration at which a compound may be detected by olfactory receptors and become odorous
Unit of Measure	Unit of measure for reported data, as presented by the laboratory
Compound Group	The related series of compounds with which the substance was analyzed
*	Odour thresholds are for single-bonded (alkane) hydrocarbons only

Compound	Odour Threshold	Unit of Measure	Compound Group
1-Butene	0.36	ppmv	C1-C4
Acetylene	Odourless	ppmv	C1-C4
cis-2-Butene	Not Available	ppmv	C1-C4
Ethane	Not Available	ppmv	C1-C4
Ethylacetylene	Not Available	ppmv	C1-C4
Ethylene	Not Available	ppmv	C1-C4
Isobutane	Not Available	ppmv	C1-C4
Isobutylene	Not Available	ppmv	C1-C4
Methane	Odourless	ppmv	C1-C4
n-Butane	1200	ppmv	C1-C4
n-Propane	1500	ppmv	C1-C4
Propylene	13	ppmv	C1-C4
Propyne	Not Available	ppmv	C1-C4
trans-2-Butene	Not Available	ppmv	C1-C4
C1	Odourless	frac	C1-C7+*
C2	0.000899	frac	C1-C7+*
C3	0.0015	frac	C1-C7+*
C4	0.0012	frac	C1-C7+*
C5	0.0000014	frac	C1-C7+*
C6	0.00013	frac	C1-C7+*
C7+	Not Available	frac	C1-C7+*
iC4	Not Available	frac	C1-C7+*
iC5	0.0000013	frac	C1-C7+*
Carbon dioxide	Odourless	ppmv	Inert
Helium	Odourless	frac	Inert
Hydrogen	Odourless	frac	Inert
Nitrogen	Odourless	ppmv	Inert
Oxygen	Odourless	ppmv	Inert
2,5-Dimethylthiophene	Not Available	ppbv	RSC
2-Ethylthiophene	Not Available	ppbv	RSC
2-Methylthiophene	Not Available	ppbv	RSC
3-Methylthiophene	Not Available	ppbv	RSC

Compound	Odour Threshold	Unit of Measure	Compound Group
Butyl mercaptan	0.0028	ppbv	RSC
Carbon disulphide	210	ppbv	RSC
Carbonyl sulphide	55	ppbv	RSC
Dimethyl disulphide	2.2	ppbv	RSC
Dimethyl sulphide	3	ppbv	RSC
Ethyl mercaptan	0.0087	ppbv	RSC
Ethyl sulphide	Not Available	ppbv	RSC
Hydrogen sulphide	0.41	ppbv	RSC
Isobutyl mercaptan	Not Available	ppbv	RSC
Isopropyl mercaptan	0.006	ppbv	RSC
Methyl mercaptan	0.07	ppbv	RSC
Pentyl mercaptan	Not Available	ppbv	RSC
Propyl mercaptan	0.013	ppbv	RSC
tert-Butyl mercaptan	0.029	ppbv	RSC
Thiophene	0.56	ppbv	RSC
Carbonyl sulphide	55	ppbv	TSA
Diethyl disulphide	2	ppbv	TSA
Diethyl sulphide	0.033	ppbv	TSA
Dimethyl disulphide	2.2	ppbv	TSA
Dimethyl sulphide	3	ppbv	TSA
Ethyl mercaptan	0.0087	ppbv	TSA
Hydrogen sulphide	0.41	ppbv	TSA
Isobutyl mercaptan	0.0068	ppbv	TSA
Isopropyl mercaptan	0.006	ppbv	TSA
Methyl ethyl sulphide	Not Available	ppbv	TSA
Methyl mercaptan	0.07	ppbv	TSA
N-butyl Mercaptan	0.0028	ppbv	TSA
n-Propylmercaptan	0.013	ppbv	TSA
tert-Butyl mercaptan	0.029	ppbv	TSA
Thiophene	0.56	ppbv	TSA
1,1,1-Trichloroethane	Not Available	ppbv	VOC
1,1,2,2-Tetrachloroethane	Not Available	ppbv	VOC
1,1,2-Trichloroethane	Not Available	ppbv	VOC
1,1-Dichloroethane	Not Available	ppbv	VOC
1,1-Dichloroethylene	Not Available	ppbv	VOC
1,2,3-Trimethylbenzene	Not Available	ppbv	VOC
1,2,4-Trichlorobenzene	Not Available	ppbv	VOC
1,2,4-Trimethylbenzene	120	ppbv	VOC
1,2-Dibromoethane	Not Available	ppbv	VOC
1,2-Dichlorobenzene	Not Available	ppbv	VOC
1,2-Dichloroethane	Not Available	ppbv	VOC
1,2-Dichloropropane	Not Available	ppbv	VOC
1,3,5-Trimethylbenzene	170	ppbv	VOC
1,3-Butadiene	230	ppbv	VOC

Compound	Odour Threshold	Unit of Measure	Compound Group
1,3-Dichlorobenzene	Not Available	ppbv	VOC
1,4-Dichlorobenzene	Not Available	ppbv	VOC
1,4-Dioxane	Not Available	ppbv	VOC
1-Butene	360	ppbv	VOC
1-Hexene	140	ppbv	VOC
1-Pentene	100	ppbv	VOC
2,2,4-Trimethylpentane	670	ppbv	VOC
2,2-Dimethylbutane	20000	ppbv	VOC
2,3,4-Trimethylpentane	Not Available	ppbv	VOC
2,3-Dimethylbutane	420	ppbv	VOC
2,3-Dimethylpentane	4500	ppbv	VOC
2,4-Dimethylpentane	940	ppbv	VOC
2-Methylheptane	110	ppbv	VOC
2-Methylhexane	420	ppbv	VOC
2-Methylpentane	7000	ppbv	VOC
3-Methylheptane	1500	ppbv	VOC
3-Methylhexane	840	ppbv	VOC
3-Methylpentane	8900	ppbv	VOC
Acetone	42000	ppbv	VOC
Acrolein	3.6	ppbv	VOC
Benzene	2700	ppbv	VOC
Benzyl chloride	Not Available	ppbv	VOC
Bromodichloromethane	Not Available	ppbv	VOC
Bromoform	Not Available	ppbv	VOC
Bromomethane	Not Available	ppbv	VOC
Carbon disulfide	210	ppbv	VOC
Carbon tetrachloride	4600	ppbv	VOC
Chlorobenzene	Not Available	ppbv	VOC
Chloroethane	Not Available	ppbv	VOC
Chloroform	3800	ppbv	VOC
Chloromethane	Not Available	ppbv	VOC
cis-1,2-Dichloroethene	Not Available	ppbv	VOC
cis-1,3-Dichloropropene	Not Available	ppbv	VOC
cis-2-Butene	Not Available	ppbv	VOC
cis-2-Pentene	Not Available	ppbv	VOC
Cyclohexane	2500	ppbv	VOC
Cyclopentane	Not Available	ppbv	VOC
Dibromochloromethane	Not Available	ppbv	VOC
Ethanol	520	ppbv	VOC
Ethyl acetate	870	ppbv	VOC
Ethylbenzene	170	ppbv	VOC
Freon-11	Not Available	ppbv	VOC
Freon-113	Not Available	ppbv	VOC
Freon-114	Not Available	ppbv	VOC

Compound	Odour Threshold	Unit of Measure	Compound Group
Freon-12	Not Available	ppbv	VOC
Hexachloro-1,3-butadiene	Not Available	ppbv	VOC
Isobutane	Not Available	ppbv	VOC
Isopentane	1300	ppbv	VOC
Isoprene	48	ppbv	VOC
Isopropyl alcohol	26000	ppbv	VOC
Isopropylbenzene	8.4	ppbv	VOC
m,p-Xylene	Not Available	ppbv	VOC
m-Diethylbenzene	70	ppbv	VOC
Methyl butyl ketone	24	ppbv	VOC
Methyl ethyl ketone	440	ppbv	VOC
Methyl isobutyl ketone	170	ppbv	VOC
Methyl methacrylate	210	ppbv	VOC
Methyl tert butyl ether	Not Available	ppbv	VOC
Methylcyclohexane	150	ppbv	VOC
Methylcyclopentane	1700	ppbv	VOC
Methylene chloride	Not Available	ppbv	VOC
m-Ethyltoluene	18	ppbv	VOC
Naphthalene	Not Available	ppbv	VOC
n-Butane	1200000	ppbv	VOC
n-Decane	620	ppbv	VOC
n-Dodecane	110	ppbv	VOC
n-Heptane	670	ppbv	VOC
n-Hexane	1500	ppbv	VOC
n-Nonane	2200	ppbv	VOC
n-Octane	1700	ppbv	VOC
n-Pentane	1400	ppbv	VOC
n-Propylbenzene	3.8	ppbv	VOC
n-Undecane	870	ppbv	VOC
o-Ethyltoluene	74	ppbv	VOC
o-Xylene	380	ppbv	VOC
p-Diethylbenzene	0.39	ppbv	VOC
p-Ethyltoluene	8.3	ppbv	VOC
Styrene	35	ppbv	VOC
Tetrachloroethylene	770	ppbv	VOC
Tetrahydrofuran	Not Available	ppbv	VOC
Toluene	330	ppbv	VOC
trans-1,2-Dichloroethylene	Not Available	ppbv	VOC
trans-1,3-Dichloropropylene	Not Available	ppbv	VOC
trans-2-Butene	Not Available	ppbv	VOC
trans-2-Pentene	Not Available	ppbv	VOC
Trichloroethylene	3900	ppbv	VOC
Vinyl acetate	Not Available	ppbv	VOC
Vinyl chloride	Not Available	ppbv	VOC

Table 6. Location and identifier information of the twelve wells sampled for the petroleum sampling and analysis program.**Legend**

Location UWI	Well location (unique well identifier)
Well Name	Name assigned to well when drilling began
Latitude NAD 83	Well location (degrees latitude, North American Datum 1983)
Longitude NAD 83	Well location (degrees longitude, North American Datum 1983)
Year Drilled	Year the well was drilled
Sample Types	Number of samples taken from the core

Location UWI	Well Name	"Latitude NAD 83"	"Longitude NAD 83"	Year Drilled	Sample Types
102/16-30-091-12W5/0	ANDORA 1L SAWN LK 16-30-91-12	56.920284	-115.920301	2013	casing gas and liquids
100/13-09-062-03W4/0	BAYTEX 13D HZ BEAVRDM 13-9-62-3	54.339494	-110.402260	2013	casing gas and liquids
100/01-29-079-20W5/0	BAYTEX N317 KIMIWAN 1-29-79-20	55.863101	-117.056283	2010	casing gas and liquids
100/05-13-081-21W4/4	CNRL CBP39-5D BRINT 8-13-81-21	56.020038	-113.114878	2006	liquids
100/16-24-063-17W5/0	COPRC 100 HZ TWOCK 16-24-63-17	54.455352	-116.407389	2013	liquids
125/03-17-070-03W4/0	CVE FCCL E12W04 FISHER 3-17-70-3	55.065633	-110.427547	2013	casing gas and liquids
100/04-29-074-07W6/0	ECA HZ LA GLACE 4-29-74-7	55.445196	-119.063034	2013	casing gas and liquids
105/16-32-082-14W5/0	MURPHY 16-31HZ S280 SEAL 16-32-82-14	56.157958	-116.168051	2012	casing gas and liquids
102/12-17-082-13W5/0	MURPHY SEAL 12-17-82-13	56.110667	-116.007819	2008	casing gas and liquids
102/02-01-083-18W5/8	PENN WEST HZ PEACE RVR 2-1-83-18	56.172579	-116.703710	2013	casing gas and liquids
103/16-26-084-17W5/2	SCL HZ S343 CLIFFD 16-26-84-17	56.317232	-116.585791	2006	casing gas and liquids
100/08-35-055-05W5/0	VH1 ALEXIS 8-35-55-5	53.793068	-114.625329	1968	casing gas and liquids

Table 7. Identifying information for the twenty-two samples collected for the petroleum sampling and analysis program.

Legend

Sample No. AGS sample number
 Location UWI Well location - unique well identifier
 Sample Depth (metres) Perforation depth interval in metres (measured depth - MD)
 Sample Type Material sampled
 Area Geographic location of the sampled well
 Formation/Group Geological formation or group at depth of sample

Sample No.	Location UWI	Sample Depth (metres)	Sample Type	Area	Formation/Group
14251	102/16-30-091-12W5/0	857.9–1647	casing gas	PROS Sawn Lake	Bluesky-Gething
14252	102/16-30-091-12W5/0	857.9–1647	liquids	PROS Sawn Lake	Bluesky-Gething
14253	100/13-09-062-03W4/0	572.5–1995	casing gas	CLOS Beaverdam	Grand Rapids
14254	100/13-09-062-03W4/0	572.5–1995	liquids	CLOS Beaverdam	Grand Rapids
14255	100/01-29-079-20W5/0	920.2–2777	casing gas	PROS Reno	Bluesky-Gething
14256	100/01-29-079-20W5/0	920.2–2777	liquids	PROS Reno	Bluesky-Gething
14257	100/05-13-081-21W4/4	586–2920	liquids	AOS Brintnell	Wabiskaw-McMurray
14258	100/16-24-063-17W5/0	3283–4658	liquids	Two Creek	Duvernay
14259	125/03-17-070-03W4/0	775–1564	casing gas	AOS Foster Creek	Wabiskaw-McMurray
14260	125/03-17-070-03W4/0	775–1564	liquids	AOS Foster Creek	Wabiskaw-McMurray
14261	100/04-29-074-07W6/0	2036.9–3214	casing gas	La Glace	Gordondale
14262	100/04-29-074-07W6/0	2036.9–3214	liquids	La Glace	Gordondale
14263	105/16-32-082-14W5/0	745–2150	casing gas	PROS Seal Lake	Bluesky-Gething
14264	105/16-32-082-14W5/0	745–2150	liquids	PROS Seal Lake	Bluesky-Gething
14265	102/12-17-082-13W5/0	756–798	casing gas	PROS Seal Lake	Pekisko
14266	102/12-17-082-13W5/0	756–798	liquids	PROS Seal Lake	Pekisko
14267	102/02-01-083-18W5/8	822–2054	casing gas	PROS Walrus	Bluesky-Gething
14268	102/02-01-083-18W5/8	822–2054	liquids	PROS Walrus	Bluesky-Gething
14269	103/16-26-084-17W5/2	754–2205	casing gas	PROS Three Creeks	Bluesky-Gething
14270	103/16-26-084-17W5/2	754–2205	liquids	PROS Three Creeks	Bluesky-Gething
14271	100/08-35-055-05W5/0	1377–1390.4	casing gas	St. Anne	Exshaw
14272	100/08-35-055-05W5/0	1377–1390.4	liquids	St. Anne	Exshaw

Table 8. Results of the petroleum sampling and analysis program as provided by the laboratories.

Legend

Sample No.	AGS sample number
UWI	Unique well identifier
Area	Geographic location of the sampled well
Laboratory	Name or abbreviation of the external organization where analysis took place
Sample Type	Fluid analysed by the laboratory
Compound	The name of the chemical compound analyzed for, as presented by the laboratory
Compound Category	The related series of compounds with which the substance was analyzed
Result	Measured concentration as reported by the laboratory
Units	Unit of measure for reported data, as presented by the laboratory
Detection Limit	The lowest concentration at which the compound can be distinguished from being absent, measured in the units listed in the "Units" column

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1-Butene	C4	36.91	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	cis-2-Butene	C4	53.57	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethane	C2	1527.7	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isobutane	C4	829.24	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isobutylene	C4	26.17	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methane	C1	635850	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Butane	C4	525.02	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Propane	C3	880.95	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Propylene	C3	93.26	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	trans-2-Butene	C4	32.8	ppmv	0.05
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Carbon dioxide	CO2	234200	ppmv	600.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Nitrogen	N2	12000	ppmv	2000.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Oxygen	O2	2300	ppmv	2000.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	2895	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2-Ethylthiophene	RSC	<400.0	ppbv	400.00

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2-Methylthiophene	RSC	4950	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	3-Methylthiophene	RSC	4859	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Butyl mercaptan	RSC	<400.0	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Carbon disulphide	RSC	<400.0	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Carbonyl sulphide	RSC	<400.0	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Dimethyl disulphide	RSC	4947	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Dimethyl sulphide	RSC	3245	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethyl mercaptan	RSC	19530	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethyl sulphide	RSC	<400.0	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Hydrogen sulphide	RSC	5035000	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isobutyl mercaptan	RSC	<400.0	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isopropyl mercaptan	RSC	5454	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methyl mercaptan	RSC	45680	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Pentyl mercaptan	RSC	<400.0	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Propyl mercaptan	RSC	9204	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	tert-Butyl mercaptan	RSC	<400.0	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Thiophene	RSC	6698	ppbv	400.00
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,1-Dichloroethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	60.2	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,2-Dibromoethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,2-Dichloroethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,2-Dichloropropane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	<7.56	ppbv	7.56

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,3-Butadiene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1,4-Dioxane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1-Butene	VOC	37300	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1-Hexene	VOC	6120	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	1-Pentene	VOC	8480	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2,2-Dimethylbutane	VOC	3470	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	182	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2,3-Dimethylbutane	VOC	3520	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2,3-Dimethylpentane	VOC	1100	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2-Methylheptane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2-Methylhexane	VOC	1340	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	2-Methylpentane	VOC	14000	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	3-Methylheptane	VOC	616	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	3-Methylhexane	VOC	2310	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	3-Methylpentane	VOC	7010	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Acetone	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Acrolein	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Benzene	VOC	314	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Benzyl chloride	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Bromodichloromethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Bromoform	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Bromomethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Carbon disulfide	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Carbon tetrachloride	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Chlorobenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Chloroethane	VOC	<7.56	ppbv	7.56

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Chloroform	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Chloromethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	cis-2-Butene	VOC	6060	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	cis-2-Pentene	VOC	2670	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Cyclohexane	VOC	2210	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Cyclopentane	VOC	4510	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Dibromochloromethane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethanol	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethyl acetate	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Ethylbenzene	VOC	182	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Freon-11	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Freon-113	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Freon-114	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Freon-12	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isobutane	VOC	170000	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isopentane	VOC	193000	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isoprene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isopropyl alcohol	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Isopropylbenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	m,p-Xylene	VOC	476	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	m-Diethylbenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methyl butyl ketone	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methyl ethyl ketone	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methyl methacrylate	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methyl tert butyl ether	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methylcyclohexane	VOC	1630	ppbv	7.56

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methylcyclopentane	VOC	2640	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Methylene chloride	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	m-Ethyltoluene	VOC	50.5	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Naphthalene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Butane	VOC	299000	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Decane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Dodecane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Heptane	VOC	3790	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Hexane	VOC	13600	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Nonane	VOC	528	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Octane	VOC	1880	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Pentane	VOC	139000	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Propylbenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	n-Undecane	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	o-Ethyltoluene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	o-Xylene	VOC	128	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	p-Diethylbenzene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	p-Ethyltoluene	VOC	42.4	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Styrene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Tetrachloroethylene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Tetrahydrofuran	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Toluene	VOC	1030	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	trans-2-Butene	VOC	42200	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	trans-2-Pentene	VOC	13400	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Trichloroethylene	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Vinyl acetate	VOC	<7.56	ppbv	7.56
14251	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	Casing Gas	Vinyl chloride	VOC	<7.56	ppbv	7.56
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Methane	C1	0.0186	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Ethane	C2	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Propane	C3	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Isobutane	C4	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Butane	C4	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Isopentane	C5	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Pentane	C5	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Hexane	C6	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Heptanes plus	C7+	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Hydrogen	H2	0.0009	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Helium	He	0	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Nitrogen	N2	0.9657	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.0148	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.7	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Methane	C1	0.0184	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Ethane	C2	0.0001	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Propane	C3	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Isobutane	C4	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Butane	C4	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Isopentane	C5	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Pentane	C5	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Hexane	C6	0.0001	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Heptanes plus	C7+	0.0001	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Hydrogen	H2	0.0006	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Helium	He	0	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Nitrogen	N2	0.9416	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Carbon dioxide	CO2	0.0391	fraction	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Hydrogen sulphide	RSC	35	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Carbonyl sulphide	RSC	6.9	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Methyl mercaptan	RSC	4.2	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Ethyl mercaptan	RSC	0.9	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Dimethyl sulphide	RSC	0.3	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Isopropyl mercaptan	RSC	0.2	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	n-Propylmercaptan	RSC	0.2	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Thiophene	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.10
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	80C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.10
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Methane	C1	0.5495	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Ethane	C2	0.0014	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Propane	C3	0.0008	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Isobutane	C4	0.0003	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Butane	C4	0.0005	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Isopentane	C5	0.0004	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Pentane	C5	0.0003	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Hexane	C6	0.0003	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Heptanes plus	C7+	0.0002	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Hydrogen sulphide	H2S	0.0084	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Hydrogen	H2	0.0262	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Helium	He	0	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Nitrogen	N2	0.0055	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Carbon dioxide	CO2	0.4062	fraction	
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Hydrogen sulphide	RSC	8395	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Carbonyl sulphide	RSC	0.2	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Methyl mercaptan	RSC	47	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Ethyl mercaptan	RSC	15	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Dimethyl sulphide	RSC	1	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Isopropyl mercaptan	RSC	1.4	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	0.3	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	n-Propylmercaptan	RSC	2.8	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Thiophene	RSC	0.4	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	N-butyl Mercaptan	RSC	0.3	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Dimethyl disulphide	RSC	0.1	ppm	0.1
14251	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	Nickel		68.7	mg/kg	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	Vanadium		180.1	mg/kg	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	V/Ni		2.622	ratio	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	Sulphur	S	45.7	g/kg	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	API Gravity		7.2	degrees	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	Density		1019.7	kg/m ³	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	Pour Point		26	°C	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	Corelab	Oil	Viscosity		1209941.34	cP@15°C	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	UOttawa	Oil	Total Nitrogen		0.45	%	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	UOttawa	Oil	delta 15N		2.07	% Air	
14252	102/16-30-091-12W5/0	PROS Sawn Lake	UOttawa	Oil	delta 34S		1.31	% CDT	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	cis-2-Butene	C4	88.38	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethane	C2	2314.1	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isobutane	C4	150.86	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isobutylene	C4	1.22	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methane	C1	985569	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Butane	C4	228.95	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Propane	C3	413.89	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Propylene	C3	15.51	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	trans-2-Butene	C4	5.37	ppmv	0.05
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Carbon dioxide	CO2	<600	ppmv	600
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Nitrogen	N2	44000	ppmv	2000
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Oxygen	O2	11000	ppmv	2000
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	8	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2-Ethylthiophene	RSC	7.1	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2-Methylthiophene	RSC	14.3	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	3-Methylthiophene	RSC	13.6	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Butyl mercaptan	RSC	<1.0	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Carbon disulphide	RSC	<1.0	ppbv	1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Carbonyl sulphide	RSC	3.4	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Dimethyl disulphide	RSC	17.5	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Dimethyl sulphide	RSC	11.5	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethyl mercaptan	RSC	<1.0	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethyl sulphide	RSC	16.9	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Hydrogen sulphide	RSC	14.3	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isobutyl mercaptan	RSC	22.9	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isopropyl mercaptan	RSC	<1.0	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methyl mercaptan	RSC	<1.0	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Pentyl mercaptan	RSC	<1.0	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Propyl mercaptan	RSC	<1.0	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	tert-Butyl mercaptan	RSC	<1.0	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Thiophene	RSC	14.2	ppbv	1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,1-Dichloroethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	306	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	905	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,2-Dibromoethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,2-Dichloroethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,2-Dichloropropane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	732	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,3-Butadiene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1,4-Dioxane	VOC	<8.39	ppbv	8.3916

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1-Butene	VOC	1610	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1-Hexene	VOC	294	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	1-Pentene	VOC	678	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2,2-Dimethylbutane	VOC	9400	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	631	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2,3-Dimethylbutane	VOC	8680	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2,3-Dimethylpentane	VOC	2270	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2-Methylheptane	VOC	1490	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2-Methylhexane	VOC	1250	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	2-Methylpentane	VOC	8370	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	3-Methylheptane	VOC	238	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	3-Methylhexane	VOC	1620	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	3-Methylpentane	VOC	5450	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Acetone	VOC	32000	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Acrolein	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Benzene	VOC	4600	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Benzyl chloride	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Bromodichloromethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Bromoform	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Bromomethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Carbon disulfide	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Carbon tetrachloride	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Chlorobenzene	VOC	182	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Chloroethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Chloroform	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Chloromethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<8.39	ppbv	8.3916

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	cis-2-Butene	VOC	1550	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	cis-2-Pentene	VOC	330	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Cyclohexane	VOC	30400	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Cyclopentane	VOC	11900	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Dibromochloromethane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethanol	VOC	784	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethyl acetate	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Ethylbenzene	VOC	1010	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Freon-11	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Freon-113	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Freon-114	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Freon-12	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isobutane	VOC	106000	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isopentane	VOC	45700	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isoprene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isopropyl alcohol	VOC	4960	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Isopropylbenzene	VOC	623	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	m,p-Xylene	VOC	2740	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	m-Diethylbenzene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methyl butyl ketone	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methyl ethyl ketone	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methyl methacrylate	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methyl tert butyl ether	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methylcyclohexane	VOC	15900	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methylcyclopentane	VOC	14000	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Methylene chloride	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	m-Ethyltoluene	VOC	588	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Naphthalene	VOC	<8.39	ppbv	8.3916

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Butane	VOC	164000	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Decane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Dodecane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Heptane	VOC	1860	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Hexane	VOC	8530	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Nonane	VOC	758	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Octane	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Pentane	VOC	39400	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Propylbenzene	VOC	244	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	n-Undecane	VOC	586	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	o-Ethyltoluene	VOC	388	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	o-Xylene	VOC	1160	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	p-Diethylbenzene	VOC	340	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	p-Ethyltoluene	VOC	177	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Styrene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Tetrachloroethylene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Tetrahydrofuran	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Toluene	VOC	10100	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	trans-2-Butene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	trans-2-Pentene	VOC	1080	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Trichloroethylene	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Vinyl acetate	VOC	<8.39	ppbv	8.3916
14253	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	Casing Gas	Vinyl chloride	VOC	<8.39	ppbv	8.3916
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Methane	C1	0.9554	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Ethane	C2	0.0029	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Propane	C3	0.0005	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Isobutane	C4	0.0002	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Butane	C4	0.0003	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Isopentane	C5	0.0001	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Pentane	C5	0.0001	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Hexane	C6	0.0001	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0001	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Hydrogen	H2	0.0002	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Helium	He	Trace	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Nitrogen	N2	0.0373	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.0028	fraction	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.3	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Methane	C1	0.9901	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Ethane	C2	0.0022	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Propane	C3	0.0004	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Isobutane	C4	0.0001	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Butane	C4	0.0002	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Isopentane	C5	Trace	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Pentane	C5	Trace	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Hexane	C6	0.0002	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Heptanes plus	C7+	0.0001	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Hydrogen sulphide	H2S	Trace	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Hydrogen	H2	Trace	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Helium	He	Trace	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Nitrogen	N2	0.0052	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Carbon dioxide	CO2	0.0015	fraction	
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Hydrogen sulphide	RSC	0.3	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Methyl mercaptan	RSC	0.1	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Ethyl mercaptan	RSC	0.4	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Dimethyl sulphide	RSC	0.1	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14253	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	Nickel		73	mg/kg	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	Vanadium		170	mg/kg	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	V/Ni		2.329	ratio	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	Sulphur	S	43.4	g/kg	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	API Gravity		10.5	degrees	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	Density		995.8	kg/m ³	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	Pour Point		12	°C	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14254	100/13-09-062-03W4/0	CLOS Beaverdam	Corelab	Oil	Viscosity		34929.47134	cP@15°C	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	UOttawa	Oil	Total Nitrogen		0.39	%	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	UOttawa	Oil	delta 15N		3.46	% Air	
14254	100/13-09-062-03W4/0	CLOS Beaverdam	UOttawa	Oil	delta 34S		9.36	% CDT	
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	cis-2-Butene	C4	31.59	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethane	C2	2172.9	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isobutane	C4	109.36	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isobutylene	C4	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methane	C1	996727	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Butane	C4	91.11	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Propane	C3	177.28	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Propylene	C3	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	trans-2-Butene	C4	<0.05	ppmv	0.05
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Carbon dioxide	CO2	25790	ppmv	600
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Nitrogen	N2	20000	ppmv	2000
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Oxygen	O2	4900	ppmv	2000
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	14.3	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2-Ethylthiophene	RSC	4.9	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2-Methylthiophene	RSC	8.2	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	3-Methylthiophene	RSC	56.7	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Butyl mercaptan	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Carbon disulphide	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Dimethyl disulphide	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Dimethyl sulphide	RSC	<0.1	ppbv	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethyl mercaptan	RSC	8.9	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethyl sulphide	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Hydrogen sulphide	RSC	221.7	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isobutyl mercaptan	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isopropyl mercaptan	RSC	13	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methyl mercaptan	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Propyl mercaptan	RSC	4	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	tert-Butyl mercaptan	RSC	<0.1	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Thiophene	RSC	59	ppbv	0.1
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,1-Dichloroethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	142	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	213	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,2-Dibromoethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,2-Dichloroethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,2-Dichloropropane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	76.9	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,3-Butadiene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1,4-Dioxane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1-Butene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1-Hexene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	1-Pentene	VOC	<9.36	ppbv	9.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2,2-Dimethylbutane	VOC	17500	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	1770	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2,3-Dimethylbutane	VOC	28800	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2,3-Dimethylpentane	VOC	15200	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2-Methylheptane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2-Methylhexane	VOC	9140	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	2-Methylpentane	VOC	46900	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	3-Methylheptane	VOC	3010	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	3-Methylhexane	VOC	15400	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	3-Methylpentane	VOC	43500	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Acetone	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Acrolein	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Benzene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Benzyl chloride	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Bromodichloromethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Bromoform	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Bromomethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Carbon disulfide	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Carbon tetrachloride	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Chlorobenzene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Chloroethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Chloroform	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Chloromethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	cis-2-Butene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	cis-2-Pentene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Cyclohexane	VOC	108000	ppbv	9.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Cyclopentane	VOC	30400	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Dibromochloromethane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethanol	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethyl acetate	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Ethylbenzene	VOC	683	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Freon-11	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Freon-113	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Freon-114	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Freon-12	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isobutane	VOC	66400	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isopentane	VOC	128000	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isoprene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isopropyl alcohol	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Isopropylbenzene	VOC	208	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	m,p-Xylene	VOC	983	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	m-Diethylbenzene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methyl butyl ketone	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methyl ethyl ketone	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methyl methacrylate	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methyl tert butyl ether	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methylcyclohexane	VOC	90100	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methylcyclopentane	VOC	51000	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Methylene chloride	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	m-Ethyltoluene	VOC	216	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Naphthalene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Butane	VOC	58000	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Decane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Dodecane	VOC	<9.36	ppbv	9.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Heptane	VOC	2730	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Hexane	VOC	18200	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Nonane	VOC	145	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Octane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Pentane	VOC	42500	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Propylbenzene	VOC	191	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	n-Undecane	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	o-Ethyltoluene	VOC	157	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	o-Xylene	VOC	386	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	p-Diethylbenzene	VOC	101	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	p-Ethyltoluene	VOC	92.9	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Styrene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Tetrachloroethylene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Tetrahydrofuran	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Toluene	VOC	686	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	trans-2-Butene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	trans-2-Pentene	VOC	135	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Trichloroethylene	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Vinyl acetate	VOC	<9.36	ppbv	9.36
14255	100/01-29-079-20W5/0	PROS Reno	AITF	Casing Gas	Vinyl chloride	VOC	<9.36	ppbv	9.36
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Methane	C1	0.4456	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Ethane	C2	0.0032	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Propane	C3	0.0004	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Isobutane	C4	0.0003	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Butane	C4	0.0003	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Isopentane	C5	0.0006	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Pentane	C5	0.0002	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Hexane	C6	0.0012	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0008	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Hydrogen	H2	Trace	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Helium	He	Trace	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Nitrogen	N2	0.5141	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.0333	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.2	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Methane	C1	0.4123	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Ethane	C2	0.0031	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Propane	C3	0.0004	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Isobutane	C4	0.0003	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Butane	C4	0.0003	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Isopentane	C5	0.0009	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Pentane	C5	0.0004	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Hexane	C6	0.0035	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Heptanes plus	C7+	0.0047	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Hydrogen	H2	Trace	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Helium	He	Trace	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Nitrogen	N2	0.5379	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Carbon dioxide	CO2	0.0362	fraction	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Hydrogen sulphide	RSC	0.2	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Methyl mercaptan	RSC	0.5	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Dimethyl disulphide	RSC	1	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	80C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Methane	C1	0.9609	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Ethane	C2	0.0021	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Propane	C3	0.0002	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Isobutane	C4	0.0001	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Butane	C4	0.0001	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Isopentane	C5	0.0002	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Pentane	C5	0.0001	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Hexane	C6	0.0005	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Heptanes plus	C7+	0.0004	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Hydrogen sulphide	H2S	Trace	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Hydrogen	H2	0	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Helium	He	Trace	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Nitrogen	N2	0.0022	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Carbon dioxide	CO2	0.0332	fraction	
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Hydrogen sulphide	RSC	2.3	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14255	100/01-29-079-20W5/0	PROS Reno	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	Nickel		80	mg/kg	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	Vanadium		257	mg/kg	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	V/Ni		3.213	ratio	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	Sulphur	S	57.2	g/kg	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	API Gravity		9.2	degrees	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	Density		1004.8	kg/m ³	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	Pour Point		12	°C	
14256	100/01-29-079-20W5/0	PROS Reno	Corelab	Oil	Viscosity		36131.30481	cP@15°C	
14256	100/01-29-079-20W5/0	PROS Reno	UOttawa	Oil	Total Nitrogen		0.38	%	
14256	100/01-29-079-20W5/0	PROS Reno	UOttawa	Oil	delta 15N		0.88	%o Air	
14256	100/01-29-079-20W5/0	PROS Reno	UOttawa	Oil	delta 34S		1.31	%o CDT	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	Nickel		75	mg/kg	
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	Vanadium		195	mg/kg	
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	V/Ni		2.6	ratio	
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	Sulphur	S	44.2	g/kg	
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	API Gravity		13.6	degrees	
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	Density		974.8	kg/m ³	
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	Pour Point		0	°C	
14257	100/05-13-081-21W4/4	AOS Brintnell	Corelab	Oil	Viscosity		3575.795802	cP@15°C	
14257	100/05-13-081-21W4/4	AOS Brintnell	UOttawa	Oil	Total Nitrogen		0.42	%	
14257	100/05-13-081-21W4/4	AOS Brintnell	UOttawa	Oil	delta 15N		3.14	% Air	
14257	100/05-13-081-21W4/4	AOS Brintnell	UOttawa	Oil	delta 34S		7.8	% CDT	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	Nickel		0	mg/kg	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	Vanadium		0	mg/kg	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	V/Ni			ratio	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	Sulphur	S	0	g/kg	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	API Gravity		43.8	degrees	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	Density		806.6	kg/m ³	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	Pour Point		-36	°C	
14258	100/16-24-063-17W5/0	Two Creek	Corelab	Oil	Viscosity		2.629611072	cP@15°C	
14258	100/16-24-063-17W5/0	Two Creek	UOttawa	Oil	Total Nitrogen			%	
14258	100/16-24-063-17W5/0	Two Creek	UOttawa	Oil	delta 15N			% Air	
14258	100/16-24-063-17W5/0	Two Creek	UOttawa	Oil	delta 34S			% CDT	
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	cis-2-Butene	C4	56.01	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethane	C2	11209	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isobutane	C4	424.64	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isobutylene	C4	10.74	ppmv	0.05

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methane	C1	717526	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Butane	C4	544.4	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Propane	C3	3223.2	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Propylene	C3	194.7	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	trans-2-Butene	C4	19.55	ppmv	0.05
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Carbon dioxide	CO2	181300	ppmv	600
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Nitrogen	N2	50000	ppmv	2000
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Oxygen	O2	13000	ppmv	2000
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	2.8	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2-Ethylthiophene	RSC	<0.5	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2-Methylthiophene	RSC	15.1	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	3-Methylthiophene	RSC	11.6	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Butyl mercaptan	RSC	13	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Carbon disulphide	RSC	<0.5	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.5	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Dimethyl disulphide	RSC	29.3	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Dimethyl sulphide	RSC	262.2	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethyl mercaptan	RSC	147.7	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethyl sulphide	RSC	8.1	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Hydrogen sulphide	RSC	1700	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isobutyl mercaptan	RSC	<0.5	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isopropyl mercaptan	RSC	31	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methyl mercaptan	RSC	1308	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.5	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Propyl mercaptan	RSC	17.2	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	tert-Butyl mercaptan	RSC	<0.5	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Thiophene	RSC	13.6	ppbv	0.5
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<8.54	ppbv	8.5428

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,1-Dichloroethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	140	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	360	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,2-Dibromoethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,2-Dichloroethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,2-Dichloropropane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	141	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,3-Butadiene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1,4-Dioxane	VOC	209	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1-Butene	VOC	15200	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1-Hexene	VOC	1010	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	1-Pentene	VOC	1230	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2,2-Dimethylbutane	VOC	1830	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	172	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2,3-Dimethylbutane	VOC	2060	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2,3-Dimethylpentane	VOC	942	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2-Methylheptane	VOC	1710	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2-Methylhexane	VOC	1530	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	2-Methylpentane	VOC	11300	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	3-Methylheptane	VOC	650	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	3-Methylhexane	VOC	2370	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	3-Methylpentane	VOC	4910	ppbv	8.5428

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Acetone	VOC	1060000	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Acrolein	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Benzene	VOC	443000	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Benzyl chloride	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Bromodichloromethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Bromoform	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Bromomethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Carbon disulfide	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Carbon tetrachloride	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Chlorobenzene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Chloroethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Chloroform	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Chloromethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	2810	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	cis-2-Butene	VOC	3950	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	cis-2-Pentene	VOC	869	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Cyclohexane	VOC	6720	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Cyclopentane	VOC	8690	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Dibromochloromethane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethanol	VOC	19100	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethyl acetate	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Ethylbenzene	VOC	2170	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Freon-11	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Freon-113	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Freon-114	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Freon-12	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isobutane	VOC	154000	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isopentane	VOC	49600	ppbv	8.5428

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isoprene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isopropyl alcohol	VOC	187000	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Isopropylbenzene	VOC	65.5	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	m,p-Xylene	VOC	10100	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	m-Diethylbenzene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methyl butyl ketone	VOC	1040	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methyl ethyl ketone	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methyl isobutyl ketone	VOC	828	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methyl methacrylate	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methyl tert butyl ether	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methylcyclohexane	VOC	3170	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methylcyclopentane	VOC	5060	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Methylene chloride	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	m-Ethyltoluene	VOC	230	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Naphthalene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Butane	VOC	199000	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Decane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Dodecane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Heptane	VOC	4040	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Hexane	VOC	35800	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Nonane	VOC	788	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Octane	VOC	1690	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Pentane	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Propylbenzene	VOC	82	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	n-Undecane	VOC	158	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	o-Ethyltoluene	VOC	97.6	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	o-Xylene	VOC	3010	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	p-Diethylbenzene	VOC	30.2	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	p-Ethyltoluene	VOC	128	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Styrene	VOC	<8.54	ppbv	8.5428

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Tetrachloroethylene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Tetrahydrofuran	VOC	1140	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Toluene	VOC	121000	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	trans-2-Butene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	trans-2-Pentene	VOC	2370	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Trichloroethylene	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Vinyl acetate	VOC	<8.54	ppbv	8.5428
14259	125/03-17-070-03W4/0	AOS Foster Creek	AITF	Casing Gas	Vinyl chloride	VOC	<8.54	ppbv	8.5428
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Methane	C1	0.596	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Ethane	C2	0.0035	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Propane	C3	0.0006	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Isobutane	C4	0.0001	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Butane	C4	0.0001	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Isopentane	C5	Trace	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Pentane	C5	Trace	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Hexane	C6	Trace	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Heptanes plus	C7+	Trace	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	0.0016	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Hydrogen	H2	0.0706	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Helium	He	Trace	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Nitrogen	N2	0.1483	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.1792	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	1570	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	0.8	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	51	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	0.8	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	2.5	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	0.3	ppm	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	0.1	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	0.1	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Methane	C1	0.5573	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Ethane	C2	0.0043	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Propane	C3	0.0011	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Isobutane	C4	0.0001	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Butane	C4	0.0002	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Isopentane	C5	0.0001	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Pentane	C5	0.0001	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Hexane	C6	0.0001	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Heptanes plus	C7+	0.0002	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Hydrogen sulphide	H2S	0.0017	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Hydrogen	H2	0.06	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Helium	He	Trace	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Nitrogen	N2	0.1295	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Carbon dioxide	CO2	0.2453	fraction	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Hydrogen sulphide	RSC	1693	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Carbonyl sulphide	RSC	0.9	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Methyl mercaptan	RSC	163	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Ethyl mercaptan	RSC	3.7	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Dimethyl sulphide	RSC	7.8	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Isopropyl mercaptan	RSC	0.9	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	n-Propylmercaptan	RSC	0.4	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Methyl ethyl sulphide	RSC	0.2	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Thiophene	RSC	0.5	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Dimethyl disulphide	RSC	1	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	80C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Methane	C1	0.6409	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Ethane	C2	0.0103	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Propane	C3	0.003	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Isobutane	C4	0.0004	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Butane	C4	0.0005	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Isopentane	C5	0.0001	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Pentane	C5	0.0001	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Hexane	C6	0.001	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Heptanes plus	C7+	0.0003	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Hydrogen sulphide	H2S	0.0004	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Hydrogen	H2	0.0598	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Helium	He	0.0001	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Nitrogen	N2	0.0062	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Carbon dioxide	CO2	0.2769	fraction	
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Hydrogen sulphide	RSC	404	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Carbonyl sulphide	RSC	1	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Methyl mercaptan	RSC	251	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Ethyl mercaptan	RSC	25	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Dimethyl sulphide	RSC	62	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Isopropyl mercaptan	RSC	6.5	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	n-Propylmercaptan	RSC	1.9	ppm	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	5.1	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Thiophene	RSC	0.5	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Diethyl sulphide	RSC	0.4	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	N-butyl Mercaptan	RSC	0.5	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Dimethyl disulphide	RSC	0.6	ppm	0.1
14259	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	Nickel			mg/kg	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	Vanadium			mg/kg	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	V/Ni			ratio	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	Sulphur	S	23	g/kg	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	API Gravity			degrees	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	Density			kg/m ³	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	Pour Point			°C	
14260	125/03-17-070-03W4/0	AOS Foster Creek	Corelab	Oil	Viscosity			cP@15°C	
14260	125/03-17-070-03W4/0	AOS Foster Creek	UOttawa	Oil	Total Nitrogen			%	
14260	125/03-17-070-03W4/0	AOS Foster Creek	UOttawa	Oil	delta 15N			‰ Air	
14260	125/03-17-070-03W4/0	AOS Foster Creek	UOttawa	Oil	delta 34S			‰ CDT	
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	cis-2-Butene	C4	17.02	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethane	C2	67461	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isobutane	C4	3494.8	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isobutylene	C4	<0.05	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methane	C1	440055	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Butane	C4	11212	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Propane	C3	31335	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Propylene	C3	<0.05	ppmv	0.05

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	trans-2-Butene	C4	<0.05	ppmv	0.05
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Carbon dioxide	CO2	11000	ppmv	1062
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Nitrogen	N2	380000	ppmv	3540
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Oxygen	O2	110000	ppmv	3540
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	0.7	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2-Ethylthiophene	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2-Methylthiophene	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	3-Methylthiophene	RSC	0.3	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Butyl mercaptan	RSC	2.8	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Carbon disulphide	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Dimethyl disulphide	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Dimethyl sulphide	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethyl mercaptan	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethyl sulphide	RSC	0.5	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Hydrogen sulphide	RSC	0.5	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isobutyl mercaptan	RSC	2.8	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isopropyl mercaptan	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methyl mercaptan	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Propyl mercaptan	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	tert-Butyl mercaptan	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Thiophene	RSC	<0.2	ppbv	0.177
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,1-Dichloroethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	<797	ppbv	797.04

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,2-Dibromoethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,2-Dichloroethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,2-Dichloropropane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,3-Butadiene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1,4-Dioxane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1-Butene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1-Hexene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	1-Pentene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2,2-Dimethylbutane	VOC	58000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2,3-Dimethylbutane	VOC	169000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2,3-Dimethylpentane	VOC	119000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2-Methylheptane	VOC	195000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2-Methylhexane	VOC	330000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	2-Methylpentane	VOC	1610000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	3-Methylheptane	VOC	64200	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	3-Methylhexane	VOC	366000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	3-Methylpentane	VOC	919000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Acetone	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Acrolein	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Benzene	VOC	258000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Benzyl chloride	VOC	<797	ppbv	797.04

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Bromodichloromethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Bromoform	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Bromomethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Carbon disulfide	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Carbon tetrachloride	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Chlorobenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Chloroethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Chloroform	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Chloromethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	cis-2-Butene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	cis-2-Pentene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Cyclohexane	VOC	434000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Cyclopentane	VOC	353000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Dibromochloromethane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethanol	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethyl acetate	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Ethylbenzene	VOC	16100	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Freon-11	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Freon-113	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Freon-114	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Freon-12	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isobutane	VOC	7110000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isopentane	VOC	5620000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isoprene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isopropyl alcohol	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Isopropylbenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	m,p-Xylene	VOC	27900	ppbv	797.04

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	m-Diethylbenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methyl butyl ketone	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methyl ethyl ketone	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methyl methacrylate	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methyl tert butyl ether	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methylcyclohexane	VOC	334000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methylcyclopentane	VOC	354000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Methylene chloride	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	m-Ethyltoluene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Naphthalene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Butane	VOC	21900000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Decane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Dodecane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Heptane	VOC	906000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Hexane	VOC	2840000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Nonane	VOC	40300	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Octane	VOC	231000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Pentane	VOC	8090000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Propylbenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	n-Undecane	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	o-Ethyltoluene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	o-Xylene	VOC	11800	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	p-Diethylbenzene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	p-Ethyltoluene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Styrene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Tetrachloroethylene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Tetrahydrofuran	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Toluene	VOC	254000	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<797	ppbv	797.04

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	trans-2-Butene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	trans-2-Pentene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Trichloroethylene	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Vinyl acetate	VOC	<797	ppbv	797.04
14261	100/04-29-074-07W6/0	La Glace	AITF	Casing Gas	Vinyl chloride	VOC	<797	ppbv	797.04
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Methane	C1	0.7293	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Ethane	C2	0.1172	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Propane	C3	0.0514	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Isobutane	C4	0.0048	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Butane	C4	0.0145	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Isopentane	C5	0.0031	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Pentane	C5	0.0043	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Hexane	C6	0.003	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0011	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Hydrogen	H2	Trace	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Helium	He	Trace	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Nitrogen	N2	0.0566	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.0147	fraction	
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.7	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Methane	C1	0.7555	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Ethane	C2	0.1156	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Propane	C3	0.0555	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Isobutane	C4	0.006	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Butane	C4	0.0191	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Isopentane	C5	0.0047	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Pentane	C5	0.0069	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Hexane	C6	0.005	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Heptanes plus	C7+	0.0015	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Hydrogen sulphide	H2S	Trace	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Hydrogen	H2	Trace	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Helium	He	0.0001	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Nitrogen	N2	0.0151	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Carbon dioxide	CO2	0.015	fraction	
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Hydrogen sulphide	RSC	1.3	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14261	100/04-29-074-07W6/0	La Glace	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	Nickel		0	mg/kg	
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	Vanadium		0.1	mg/kg	
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	V/Ni			ratio	
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	Sulphur	S	5.18	g/kg	
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	API Gravity		37.6	degrees	
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	Density		836.4	kg/m ³	
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	Pour Point		3	°C	
14262	100/04-29-074-07W6/0	La Glace	Corelab	Oil	Viscosity		6.843274399	cP@15°C	
14262	100/04-29-074-07W6/0	La Glace	UOttawa	Oil	Total Nitrogen		0	%	
14262	100/04-29-074-07W6/0	La Glace	UOttawa	Oil	delta 15N		n/a	% Air	
14262	100/04-29-074-07W6/0	La Glace	UOttawa	Oil	delta 34S		-0.17	% CDT	
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	cis-2-Butene	C4	35.51	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethane	C2	1945.1	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutane	C4	1230.6	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutylene	C4	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methane	C1	968654	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Butane	C4	856.98	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Propane	C3	1318.7	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Propylene	C3	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	trans-2-Butene	C4	<0.05	ppmv	0.05
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon dioxide	CO2	51470	ppmv	600

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Nitrogen	N2	47000	ppmv	2000
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Oxygen	O2	13000	ppmv	2000
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	5.6	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2-Ethylthiophene	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylthiophene	RSC	6.4	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylthiophene	RSC	9.2	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Butyl mercaptan	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon disulphide	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Dimethyl disulphide	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Dimethyl sulphide	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethyl mercaptan	RSC	15.9	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethyl sulphide	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Hydrogen sulphide	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutyl mercaptan	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isopropyl mercaptan	RSC	25	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl mercaptan	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.1	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Propyl mercaptan	RSC	2.2	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	tert-Butyl mercaptan	RSC	2	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Thiophene	RSC	15.6	ppbv	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,1-Dichloroethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dibromoethane	VOC	<240	ppbv	240.361

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dichloroethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dichloropropane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,3-Butadiene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1,4-Dioxane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1-Butene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1-Hexene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	1-Pentene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2,2-Dimethylbutane	VOC	27700	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	3070	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2,3-Dimethylbutane	VOC	88800	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2,3-Dimethylpentane	VOC	44100	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylheptane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylhexane	VOC	2650	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylpentane	VOC	53000	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylheptane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylhexane	VOC	10900	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylpentane	VOC	144000	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Acetone	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Acrolein	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Benzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Benzyl chloride	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Bromodichloromethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Bromoform	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Bromomethane	VOC	<240	ppbv	240.361

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon disulfide	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon tetrachloride	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Chlorobenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Chloroethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Chloroform	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Chloromethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	cis-2-Butene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	cis-2-Pentene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Cyclohexane	VOC	48900	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Cyclopentane	VOC	17400	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Dibromochloromethane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethanol	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethyl acetate	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Ethylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-11	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-113	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-114	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-12	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutane	VOC	833000	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isopentane	VOC	674000	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isoprene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isopropyl alcohol	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Isopropylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	m,p-Xylene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	m-Diethylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl butyl ketone	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl ethyl ketone	VOC	<240	ppbv	240.361

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl methacrylate	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl tert butyl ether	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methylcyclohexane	VOC	61900	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methylcyclopentane	VOC	39900	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Methylene chloride	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	m-Ethyltoluene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Naphthalene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Butane	VOC	611000	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Decane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Dodecane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Heptane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Hexane	VOC	6050	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Nonane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Octane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Pentane	VOC	63300	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Propylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	n-Undecane	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	o-Ethyltoluene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	o-Xylene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	p-Diethylbenzene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	p-Ethyltoluene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Styrene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Tetrachloroethylene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Tetrahydrofuran	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Toluene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	trans-2-Butene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	trans-2-Pentene	VOC	<240	ppbv	240.361

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Trichloroethylene	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Vinyl acetate	VOC	<240	ppbv	240.361
14263	105/16-32-082-14W5/0	PROS Seal Lake	AITF	Casing Gas	Vinyl chloride	VOC	<240	ppbv	240.361
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Methane	C1	0.7945	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Ethane	C2	0.0055	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Propane	C3	0.0038	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isobutane	C4	0.0031	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Butane	C4	0.002	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isopentane	C5	0.0017	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Pentane	C5	0.0001	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hexane	C6	0.0008	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0005	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hydrogen	H2	Trace	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Helium	He	Trace	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Nitrogen	N2	0.0262	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.1618	fraction	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.4	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Methane	C1	0.9118	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Ethane	C2	0.0017	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Propane	C3	0.0012	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Isobutane	C4	0.001	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Butane	C4	0.0008	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Isopentane	C5	0.0008	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Pentane	C5	Trace	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Hexane	C6	0.0005	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Heptanes plus	C7+	0.0004	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Hydrogen sulphide	H2S	Trace	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Hydrogen	H2	Trace	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Helium	He	Trace	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Nitrogen	N2	0.0025	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Carbon dioxide	CO2	0.0793	fraction	
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Hydrogen sulphide	RSC	0.5	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14263	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	Nickel		88	mg/kg	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	Vanadium		234	mg/kg	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	V/Ni		2.659	ratio	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	Sulphur	S	61.9	g/kg	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	API Gravity		9.3	degrees	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	Density		1004.4	kg/m ³	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	Pour Point		12	°C	
14264	105/16-32-082-14W5/0	PROS Seal Lake	Corelab	Oil	Viscosity		89517.78327	cP@15°C	
14264	105/16-32-082-14W5/0	PROS Seal Lake	UOttawa	Oil	Total Nitrogen		0.44	%	
14264	105/16-32-082-14W5/0	PROS Seal Lake	UOttawa	Oil	delta 15N		2.58	‰ Air	
14264	105/16-32-082-14W5/0	PROS Seal Lake	UOttawa	Oil	delta 34S		5.17	‰ CDT	
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	cis-2-Butene	C4	23.21	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethane	C2	23535	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutane	C4	474.39	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutylene	C4	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methane	C1	950438	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Butane	C4	483.9	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Propane	C3	3746.7	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Propylene	C3	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	trans-2-Butene	C4	<0.05	ppmv	0.05
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon dioxide	CO2	73370	ppmv	600
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Nitrogen	N2	27000	ppmv	2000
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Oxygen	O2	6100	ppmv	2000
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	30.6	ppbv	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2-Ethylthiophene	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylthiophene	RSC	7.5	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylthiophene	RSC	6.8	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Butyl mercaptan	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon disulphide	RSC	1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Dimethyl disulphide	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Dimethyl sulphide	RSC	4.3	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethyl mercaptan	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethyl sulphide	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Hydrogen sulphide	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutyl mercaptan	RSC	3.9	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isopropyl mercaptan	RSC	3.9	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl mercaptan	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Propyl mercaptan	RSC	<0.1	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	tert-Butyl mercaptan	RSC	37.9	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Thiophene	RSC	1.8	ppbv	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,1-Dichloroethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dibromoethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dichloroethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,2-Dichloropropane	VOC	<450	ppbv	450.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,3-Butadiene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1,4-Dioxane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1-Butene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1-Hexene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	1-Pentene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2,2-Dimethylbutane	VOC	22000	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	2050	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2,3-Dimethylbutane	VOC	34600	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2,3-Dimethylpentane	VOC	11100	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylheptane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylhexane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	2-Methylpentane	VOC	12700	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylheptane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylhexane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	3-Methylpentane	VOC	14400	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Acetone	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Acrolein	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Benzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Benzyl chloride	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Bromodichloromethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Bromoform	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Bromomethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon disulfide	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Carbon tetrachloride	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Chlorobenzene	VOC	<450	ppbv	450.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Chloroethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Chloroform	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Chloromethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	cis-2-Butene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	cis-2-Pentene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Cyclohexane	VOC	14800	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Cyclopentane	VOC	12000	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Dibromochloromethane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethanol	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethyl acetate	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Ethylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-11	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-113	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-114	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Freon-12	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isobutane	VOC	393000	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isopentane	VOC	184000	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isoprene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isopropyl alcohol	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Isopropylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	m,p-Xylene	VOC	7940	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	m-Diethylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl butyl ketone	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl ethyl ketone	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl methacrylate	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methyl tert butyl ether	VOC	<450	ppbv	450.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methylcyclohexane	VOC	12500	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methylcyclopentane	VOC	9450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Methylene chloride	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	m-Ethyltoluene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Naphthalene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Butane	VOC	403000	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Decane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Dodecane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Heptane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Hexane	VOC	10200	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Nonane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Octane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Pentane	VOC	118000	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Propylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	n-Undecane	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	o-Ethyltoluene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	o-Xylene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	p-Diethylbenzene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	p-Ethyltoluene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Styrene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Tetrachloroethylene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Tetrahydrofuran	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Toluene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	trans-2-Butene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	trans-2-Pentene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Trichloroethylene	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Vinyl acetate	VOC	<450	ppbv	450.36
14265	102/12-17-082-13W5/0	PROS Seal Lake	AITF	Casing Gas	Vinyl chloride	VOC	<450	ppbv	450.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Methane	C1	0.8929	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Ethane	C2	0.0269	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Propane	C3	0.0049	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isobutane	C4	0.0007	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Butane	C4	0.0008	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isopentane	C5	0.0005	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Pentane	C5	0.0008	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hexane	C6	0.0016	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0006	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	0	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hydrogen	H2	Trace	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Helium	He	0.0001	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Nitrogen	N2	0.006	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.0642	fraction	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Methane	C1	0.8792	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Ethane	C2	0.0227	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Propane	C3	0.0037	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Isobutane	C4	0.0004	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Butane	C4	0.0005	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Isopentane	C5	0.0001	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Pentane	C5	0.0001	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Hexane	C6	0.0001	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Heptanes plus	C7+	0.0002	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Hydrogen sulphide	H2S	0	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Hydrogen	H2	Trace	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Helium	He	0.0001	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Nitrogen	N2	0.0045	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Carbon dioxide	CO2	0.0884	fraction	
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Hydrogen sulphide	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14265	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	Nickel		81	mg/kg	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	Vanadium		210	mg/kg	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	V/Ni		2.593	ratio	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	Sulphur	S	47.2	g/kg	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	API Gravity		8.8	degrees	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	Density		1008	kg/m ³	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	Pour Point		12	°C	
14266	102/12-17-082-13W5/0	PROS Seal Lake	Corelab	Oil	Viscosity		71532.63661	cP@15°C	
14266	102/12-17-082-13W5/0	PROS Seal Lake	UOttawa	Oil	Total Nitrogen		0.46	%	
14266	102/12-17-082-13W5/0	PROS Seal Lake	UOttawa	Oil	delta 15N		2.62	‰ Air	
14266	102/12-17-082-13W5/0	PROS Seal Lake	UOttawa	Oil	delta 34S		7.8	‰ CDT	
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	cis-2-Butene	C4	19.96	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethane	C2	1466.5	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isobutane	C4	797.54	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isobutylene	C4	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methane	C1	984537	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Butane	C4	159.09	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Propane	C3	547.48	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Propylene	C3	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	trans-2-Butene	C4	<0.05	ppmv	0.05
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Carbon dioxide	CO2	70750	ppmv	600
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Nitrogen	N2	28000	ppmv	2000
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Oxygen	O2	7300	ppmv	2000
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	4	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2-Ethylthiophene	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2-Methylthiophene	RSC	0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	3-Methylthiophene	RSC	1.4	ppbv	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Butyl mercaptan	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Carbon disulphide	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Dimethyl disulphide	RSC	1.9	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Dimethyl sulphide	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethyl mercaptan	RSC	5.9	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethyl sulphide	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Hydrogen sulphide	RSC	4.7	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isobutyl mercaptan	RSC	1.5	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isopropyl mercaptan	RSC	3.2	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methyl mercaptan	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.1	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Propyl mercaptan	RSC	1.4	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	tert-Butyl mercaptan	RSC	1.2	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Thiophene	RSC	2	ppbv	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,1-Dichloroethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	853	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	1680	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,2-Dibromoethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	554	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,2-Dichloroethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,2-Dichloropropane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	1120	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,3-Butadiene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	649	ppbv	103.216

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1,4-Dioxane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1-Butene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1-Hexene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	1-Pentene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2,2-Dimethylbutane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	1100	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2,3-Dimethylbutane	VOC	1650	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2,3-Dimethylpentane	VOC	1640	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2-Methylheptane	VOC	2370	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2-Methylhexane	VOC	3430	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	2-Methylpentane	VOC	11600	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	3-Methylheptane	VOC	1070	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	3-Methylhexane	VOC	3840	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	3-Methylpentane	VOC	7280	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Acetone	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Acrolein	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Benzene	VOC	4250	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Benzyl chloride	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Bromodichloromethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Bromoform	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Bromomethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Carbon disulfide	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Carbon tetrachloride	VOC	761	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Chlorobenzene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Chloroethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Chloroform	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Chloromethane	VOC	<103	ppbv	103.216

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	cis-2-Butene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	cis-2-Pentene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Cyclohexane	VOC	6010	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Cyclopentane	VOC	4140	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Dibromochloromethane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethanol	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethyl acetate	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Ethylbenzene	VOC	1490	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Freon-11	VOC	699	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Freon-113	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Freon-114	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Freon-12	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	528	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isobutane	VOC	26400	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isopentane	VOC	40800	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isoprene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isopropyl alcohol	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Isopropylbenzene	VOC	675	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	m,p-Xylene	VOC	3330	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	m-Diethylbenzene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methyl butyl ketone	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methyl ethyl ketone	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methyl methacrylate	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methyl tert butyl ether	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methylcyclohexane	VOC	3910	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methylcyclopentane	VOC	5220	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Methylene chloride	VOC	1890	ppbv	103.216

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	m-Ethyltoluene	VOC	1010	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Naphthalene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Butane	VOC	29500	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Decane	VOC	970	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Dodecane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Heptane	VOC	8240	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Hexane	VOC	22300	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Nonane	VOC	1300	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Octane	VOC	3080	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Pentane	VOC	56300	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Propylbenzene	VOC	1180	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	n-Undecane	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	o-Ethyltoluene	VOC	975	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	o-Xylene	VOC	1520	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	p-Diethylbenzene	VOC	1050	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	p-Ethyltoluene	VOC	1560	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Styrene	VOC	3400	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Tetrachloroethylene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Tetrahydrofuran	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Toluene	VOC	4680	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	trans-2-Butene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	trans-2-Pentene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Trichloroethylene	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Vinyl acetate	VOC	<103	ppbv	103.216
14267	102/02-01-083-18W5/8	PROS Walrus	AITF	Casing Gas	Vinyl chloride	VOC	<103	ppbv	103.216
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Methane	C1	0.8316	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Ethane	C2	0.0014	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Propane	C3	0.0007	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Isobutane	C4	0.001	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Butane	C4	0.0003	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Isopentane	C5	0.0009	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Pentane	C5	Trace	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Hexane	C6	0.0008	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0008	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Hydrogen	H2	0.0001	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Helium	He	Trace	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Nitrogen	N2	0.0287	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.1337	fraction	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.1	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Methane	C1	0.8919	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Ethane	C2	0.0014	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Propane	C3	0.0006	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Isobutane	C4	0.0007	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Butane	C4	0.0002	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Isopentane	C5	0.0004	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Pentane	C5	Trace	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Hexane	C6	0.0002	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Heptanes plus	C7+	0.0002	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Hydrogen sulphide	H2S	Trace	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Hydrogen	H2	0	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Helium	He	Trace	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Nitrogen	N2	0.0015	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Carbon dioxide	CO2	0.1029	fraction	
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Hydrogen sulphide	RSC	1.7	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14267	102/02-01-083-18W5/8	PROS Walrus	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	Nickel		78	mg/kg	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	Vanadium		225	mg/kg	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	V/Ni		2.885	ratio	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	Sulphur	S	67.3	g/kg	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	API Gravity		9.9	degrees	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	Density		1000.1	kg/m ³	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	Pour Point		12	°C	
14268	102/02-01-083-18W5/8	PROS Walrus	Corelab	Oil	Viscosity		48579.55074	cP@15°C	
14268	102/02-01-083-18W5/8	PROS Walrus	UOttawa	Oil	Total Nitrogen		0.36	%	
14268	102/02-01-083-18W5/8	PROS Walrus	UOttawa	Oil	delta 15N		2.95	% Air	
14268	102/02-01-083-18W5/8	PROS Walrus	UOttawa	Oil	delta 34S		2.66	% CDT	
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	cis-2-Butene	C4	24.15	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethane	C2	4559	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isobutane	C4	754.26	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isobutylene	C4	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methane	C1	974493	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Butane	C4	267.93	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Propane	C3	1660.2	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Propylene	C3	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	trans-2-Butene	C4	<0.05	ppmv	0.05
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Carbon dioxide	CO2	63910	ppmv	600
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Nitrogen	N2	34000	ppmv	2000
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Oxygen	O2	9400	ppmv	2000
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	15.4	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2-Ethylthiophene	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2-Methylthiophene	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	3-Methylthiophene	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Butyl mercaptan	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Carbon disulphide	RSC	1.3	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.1	ppbv	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Dimethyl disulphide	RSC	16.1	ppbv	0.5
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Dimethyl sulphide	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethyl mercaptan	RSC	48.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethyl sulphide	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Hydrogen sulphide	RSC	1291	ppbv	0.5
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isobutyl mercaptan	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isopropyl mercaptan	RSC	13.6	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methyl mercaptan	RSC	29.4	ppbv	0.5
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Propyl mercaptan	RSC	<0.1	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	tert-Butyl mercaptan	RSC	25.4	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Thiophene	RSC	6.6	ppbv	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,1-Dichloroethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	97.7	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,2-Dibromoethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,2-Dichloroethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,2-Dichloropropane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	59.7	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,3-Butadiene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1,4-Dioxane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1-Butene	VOC	<12.4	ppbv	12.3588

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1-Hexene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	1-Pentene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2,2-Dimethylbutane	VOC	5000	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	401	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2,3-Dimethylbutane	VOC	11800	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2,3-Dimethylpentane	VOC	5570	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2-Methylheptane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2-Methylhexane	VOC	3310	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	2-Methylpentane	VOC	28900	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	3-Methylheptane	VOC	767	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	3-Methylhexane	VOC	6850	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	3-Methylpentane	VOC	26200	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Acetone	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Acrolein	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Benzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Benzyl chloride	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Bromodichloromethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Bromoform	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Bromomethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Carbon disulfide	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Carbon tetrachloride	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Chlorobenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Chloroethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Chloroform	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Chloromethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	cis-2-Butene	VOC	<12.4	ppbv	12.3588

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	cis-2-Pentene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Cyclohexane	VOC	22100	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Cyclopentane	VOC	12100	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Dibromochloromethane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethanol	VOC	3150	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethyl acetate	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Ethylbenzene	VOC	86.8	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Freon-11	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Freon-113	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Freon-114	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Freon-12	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isobutane	VOC	321000	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isopentane	VOC	113000	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isoprene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isopropyl alcohol	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Isopropylbenzene	VOC	69.7	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	m,p-Xylene	VOC	172	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	m-Diethylbenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methyl butyl ketone	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methyl ethyl ketone	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methyl methacrylate	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methyl tert butyl ether	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methylcyclohexane	VOC	21800	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methylcyclopentane	VOC	19900	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Methylene chloride	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	m-Ethyltoluene	VOC	55.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Naphthalene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Butane	VOC	124000	ppbv	12.3588

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Decane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Dodecane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Heptane	VOC	427	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Hexane	VOC	5120	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Nonane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Octane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Pentane	VOC	15000	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Propylbenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	n-Undecane	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	o-Ethyltoluene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	o-Xylene	VOC	111	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	p-Diethylbenzene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	p-Ethyltoluene	VOC	49.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Styrene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Tetrachloroethylene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Tetrahydrofuran	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Toluene	VOC	179	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	trans-2-Butene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	trans-2-Pentene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Trichloroethylene	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Vinyl acetate	VOC	<12.4	ppbv	12.3588
14269	103/16-26-084-17W5/2	PROS Three Creeks	AITF	Casing Gas	Vinyl chloride	VOC	<12.4	ppbv	12.3588
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Methane	C1	0.8188	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Ethane	C2	0.0084	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Propane	C3	0.0055	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Isobutane	C4	0.0037	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Butane	C4	0.0015	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Isopentane	C5	0.0019	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Pentane	C5	0.0003	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Hexane	C6	0.0025	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0016	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Hydrogen	H2	Trace	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Helium	He	Trace	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Nitrogen	N2	0.0062	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.1496	fraction	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.2	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Methane	C1	0.893	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Ethane	C2	0.0047	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Propane	C3	0.0016	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Isobutane	C4	0.0007	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Butane	C4	0.0003	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Isopentane	C5	0.0003	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Pentane	C5	Trace	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Hexane	C6	0.0003	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Heptanes plus	C7+	0.0005	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Hydrogen sulphide	H2S	0.0003	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Hydrogen	H2	Trace	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Helium	He	Trace	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Nitrogen	N2	0.0015	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Carbon dioxide	CO2	0.0968	fraction	
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Hydrogen sulphide	RSC	315	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Carbonyl sulphide	RSC	0.1	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14269	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	Nickel		71	mg/kg	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	Vanadium		203	mg/kg	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	V/Ni		2.859	ratio	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	Sulphur	S	65.9	g/kg	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	API Gravity		9.8	degrees	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	Density		1000.8	kg/m ³	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	Pour Point		12	°C	
14270	103/16-26-084-17W5/2	PROS Three Creeks	Corelab	Oil	Viscosity		12121.65831	cP@15°C	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14270	103/16-26-084-17W5/2	PROS Three Creeks	UOttawa	Oil	Total Nitrogen		0.49	%	
14270	103/16-26-084-17W5/2	PROS Three Creeks	UOttawa	Oil	delta 15N		1.38	% Air	
14270	103/16-26-084-17W5/2	PROS Three Creeks	UOttawa	Oil	delta 34S		3.26	% CDT	
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1-Butene	C4	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Acetylene	C2	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	cis-2-Butene	C4	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethane	C2	135880	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethylacetylene	C4	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethylene	C2	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isobutane	C4	7115.5	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isobutylene	C4	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methane	C1	891581	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Butane	C4	12756	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Propane	C3	50430	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Propylene	C3	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Propyne	C3	<0.05	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	trans-2-Butene	C4	2.25	ppmv	0.05
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Carbon dioxide	CO2	16160	ppmv	600
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Nitrogen	N2	14000	ppmv	2000
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Oxygen	O2	2300	ppmv	2000
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2,5-Dimethylthiophene	RSC	0.8	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2-Ethylthiophene	RSC	1.7	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2-Methylthiophene	RSC	6.2	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	3-Methylthiophene	RSC	1.4	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Butyl mercaptan	RSC	6	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Carbon disulphide	RSC	176.7	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Carbonyl sulphide	RSC	<0.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Dimethyl disulphide	RSC	<0.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Dimethyl sulphide	RSC	<0.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethyl mercaptan	RSC	33.4	ppbv	0.1

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethyl sulphide	RSC	3.8	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Hydrogen sulphide	RSC	<0.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isobutyl mercaptan	RSC	<0.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isopropyl mercaptan	RSC	123.5	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methyl mercaptan	RSC	<0.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Pentyl mercaptan	RSC	<0.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Propyl mercaptan	RSC	28.1	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	tert-Butyl mercaptan	RSC	9	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Thiophene	RSC	59.6	ppbv	0.1
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,1,1-Trichloroethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,1,2,2-Tetrachloroethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,1,2-Trichloroethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,1-Dichloroethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,1-Dichloroethylene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,2,3-Trimethylbenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,2,4-Trichlorobenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,2,4-Trimethylbenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,2-Dibromoethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,2-Dichlorobenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,2-Dichloroethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,2-Dichloropropane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,3,5-Trimethylbenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,3-Butadiene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,3-Dichlorobenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,4-Dichlorobenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1,4-Dioxane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1-Butene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1-Hexene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	1-Pentene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2,2,4-Trimethylpentane	VOC	<360	ppbv	360.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2,2-Dimethylbutane	VOC	28000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2,3,4-Trimethylpentane	VOC	1170	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2,3-Dimethylbutane	VOC	63000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2,3-Dimethylpentane	VOC	24300	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2,4-Dimethylpentane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2-Methylheptane	VOC	18400	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2-Methylhexane	VOC	53100	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	2-Methylpentane	VOC	325000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	3-Methylheptane	VOC	10400	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	3-Methylhexane	VOC	56400	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	3-Methylpentane	VOC	194000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Acetone	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Acrolein	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Benzene	VOC	87700	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Benzyl chloride	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Bromodichloromethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Bromoform	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Bromomethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Carbon disulfide	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Carbon tetrachloride	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Chlorobenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Chloroethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Chloroform	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Chloromethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	cis-1,2-Dichloroethene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	cis-1,3-Dichloropropene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	cis-2-Butene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	cis-2-Pentene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Cyclohexane	VOC	113000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Cyclopentane	VOC	107000	ppbv	360.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Dibromochloromethane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethanol	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethyl acetate	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Ethylbenzene	VOC	5230	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Freon-11	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Freon-113	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Freon-114	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Freon-12	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Hexachloro-1,3-butadiene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isobutane	VOC	3380000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isopentane	VOC	1540000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isoprene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isopropyl alcohol	VOC	54400	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Isopropylbenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	m,p-Xylene	VOC	9840	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	m-Diethylbenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methyl butyl ketone	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methyl ethyl ketone	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methyl isobutyl ketone	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methyl methacrylate	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methyl tert butyl ether	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methylcyclohexane	VOC	69000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methylcyclopentane	VOC	107000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Methylene chloride	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	m-Ethyltoluene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Naphthalene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Butane	VOC	6430000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Decane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Dodecane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Heptane	VOC	112000	ppbv	360.36

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Hexane	VOC	476000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Nonane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Octane	VOC	30700	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Pentane	VOC	1600000	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Propylbenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	n-Undecane	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	o-Ethyltoluene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	o-Xylene	VOC	2980	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	p-Diethylbenzene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	p-Ethyltoluene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Styrene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Tetrachloroethylene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Tetrahydrofuran	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Toluene	VOC	45700	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	trans-1,2-Dichloroethylene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	trans-1,3-Dichloropropylene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	trans-2-Butene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	trans-2-Pentene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Trichloroethylene	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Vinyl acetate	VOC	<360	ppbv	360.36
14271	100/08-35-055-05W5/0	St. Anne	AITF	Casing Gas	Vinyl chloride	VOC	<360	ppbv	360.36
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Methane	C1	0.7813	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Ethane	C2	0.1211	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Propane	C3	0.0479	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Isobutane	C4	0.006	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Butane	C4	0.0101	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Isopentane	C5	0.0021	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Pentane	C5	0.002	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Hexane	C6	0.0012	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Heptanes plus	C7+	0.0004	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Hydrogen sulphide	H2S	Trace	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Hydrogen	H2	Trace	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Helium	He	0.0001	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Nitrogen	N2	0.0088	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Carbon dioxide	CO2	0.019	fraction	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Hydrogen sulphide	RSC	0.4	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Ethyl mercaptan	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Isopropyl mercaptan	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Thiophene	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	25C Flashed Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Methane	C1	0.777	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Ethane	C2	0.1223	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Propane	C3	0.0479	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Isobutane	C4	0.0066	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Butane	C4	0.012	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Isopentane	C5	0.0029	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Pentane	C5	0.003	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Hexane	C6	0.0025	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Heptanes plus	C7+	0.0007	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Hydrogen sulphide	H2S	Trace	fraction	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Hydrogen	H2	Trace	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Helium	He	0.0001	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Nitrogen	N2	0.0054	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Carbon dioxide	CO2	0.0196	fraction	
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Hydrogen sulphide	RSC	18	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Carbonyl sulphide	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Methyl mercaptan	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Ethyl mercaptan	RSC	0.3	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Dimethyl sulphide	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Isopropyl mercaptan	RSC	0.4	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	tert-Butyl mercaptan	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	n-Propylmercaptan	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Methyl ethyl sulphide	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Thiophene	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Isobutyl mercaptan	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Diethyl sulphide	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	N-butyl Mercaptan	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Dimethyl disulphide	RSC	nd	ppm	0.1
14271	100/08-35-055-05W5/0	St. Anne	Corelab	Casing Gas	Diethyl disulphide	RSC	nd	ppm	0.1
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	Nickel		26	mg/kg	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	Vanadium		70	mg/kg	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	V/Ni		2.692	ratio	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	Sulphur	S	29.6	g/kg	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	API Gravity		22.2	degrees	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	Density		920.3	kg/m ³	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	Pour Point		-30	°C	
14272	100/08-35-055-05W5/0	St. Anne	Corelab	Oil	Viscosity		113.2951465	cP@15°C	
14272	100/08-35-055-05W5/0	St. Anne	UOttawa	Oil	Total Nitrogen		0.14	%	
14272	100/08-35-055-05W5/0	St. Anne	UOttawa	Oil	delta 15N		11.36	‰ Air	
14272	100/08-35-055-05W5/0	St. Anne	UOttawa	Oil	delta 34S		6.6	‰ CDT	

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	3-Methylhexane	VOC	9810	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2-Methylpentane	VOC	96400	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	m,p-Xylene	VOC	932	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Pentane	VOC	84600	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Hexane	VOC	6330	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methylcyclohexane	VOC	62600	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methylcyclopentane	VOC	54200	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Cyclohexane	VOC	53200	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	46900	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	3-Methylheptane	VOC	437	ppbv	0.02
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	41900	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	296	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2-Methylhexane	VOC	2820	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	2560	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-2-Pentene	VOC	256	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Ethylbenzene	VOC	232	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	220	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isobutane	VOC	2150000	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	3-Methylpentane	VOC	194000	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	o-Xylene	VOC	191	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Cyclopentane	VOC	18400	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Toluene	VOC	1740	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	150000	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	135	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isopentane	VOC	1310000	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Butane	VOC	1240000	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isopropylbenzene	VOC	123	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Heptane	VOC	1190	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Benzene	VOC	1050	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<54.9	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1-Butene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1-Hexene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1-Pentene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2-Methylheptane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Acetone	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Acrolein	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Benzyl chloride	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Bromoform	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Bromomethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Carbon disulfide	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chlorobenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chloroethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chloroform	VOC	<54.9	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chloromethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-2-Butene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Ethanol	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Ethyl acetate	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-11	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-113	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-114	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-12	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isoprene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<54.9	ppbv	0.06
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<54.9	ppbv	0.05
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methylene chloride	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Decane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Dodecane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Nonane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Octane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Propylbenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Undecane	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Naphthalene	VOC	<54.9	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Styrene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-2-Butene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Trichloroethylene	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Vinyl acetate	VOC	<54.9	ppbv	0.03
14264	105/16-32-082-14W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Vinyl chloride	VOC	<54.9	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1-Pentene	VOC	994	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Toluene	VOC	9620	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Cyclohexane	VOC	842	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	823	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Butane	VOC	66200	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Isobutane	VOC	61000	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methylcyclohexane	VOC	572	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	3-Methylhexane	VOC	557	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2-Methylheptane	VOC	485	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2-Methylhexane	VOC	439	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2-Methylpentane	VOC	4170	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	cis-2-Butene	VOC	3920	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Hexane	VOC	3330	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Octane	VOC	320	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Pentane	VOC	22000	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	3-Methylpentane	VOC	2170	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Isopentane	VOC	20800	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	trans-2-Pentene	VOC	1850	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	m,p-Xylene	VOC	185	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1-Butene	VOC	15600	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methylcyclopentane	VOC	1540	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Cyclopentane	VOC	1530	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Benzene	VOC	1440	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	1310	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Heptane	VOC	1060	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	1-Hexene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	3-Methylheptane	VOC	<60.0	ppbv	0.02

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Acetone	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Acrolein	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Benzyl chloride	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Bromoform	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Bromomethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Carbon disulfide	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Chlorobenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Chloroethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Chloroform	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Chloromethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Ethanol	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Ethyl acetate	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Ethylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Freon-11	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Freon-113	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Freon-114	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Freon-12	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Isoprene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<60.0	ppbv	0.06
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Isopropylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<60.0	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<60.0	ppbv	0.05
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Methylene chloride	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Decane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Dodecane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Nonane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Propylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	n-Undecane	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Naphthalene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	o-Xylene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Styrene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	trans-2-Butene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Trichloroethylene	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Vinyl acetate	VOC	<60.0	ppbv	0.03
14260	125/03-17-070-03W4/0	AOS Foster Creek	AITF	25C Flashed Gas	Vinyl chloride	VOC	<60.0	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	trans-2-Pentene	VOC	913	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Cyclopentane	VOC	8980	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2-Methylhexane	VOC	8850	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Decane	VOC	8420	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	o-Xylene	VOC	7360	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	6920	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	6560	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	624	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Benzene	VOC	6130	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Ethylbenzene	VOC	5700	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	3-Methylheptane	VOC	5630	ppbv	0.02
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1-Pentene	VOC	533	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Pentane	VOC	46300	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Isopentane	VOC	46100	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	4240	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Hexane	VOC	35500	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Heptane	VOC	32500	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	3240	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	2930	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Octane	VOC	29000	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Undecane	VOC	2390	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Cyclohexane	VOC	22900	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methylcyclohexane	VOC	22100	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Toluene	VOC	21100	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	2070	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Nonane	VOC	17800	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Butane	VOC	176000	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2-Methylpentane	VOC	17400	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Propylbenzene	VOC	1500	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	1470	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	1440	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Isobutane	VOC	136000	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Isopropylbenzene	VOC	1360	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methylcyclopentane	VOC	12500	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	1200	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	m,p-Xylene	VOC	11700	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2-Methylheptane	VOC	11600	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	3-Methylpentane	VOC	10700	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	3-Methylhexane	VOC	10300	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	cis-2-Butene	VOC	1000	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1-Butene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	1-Hexene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Acetone	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Acrolein	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Benzyl chloride	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Bromoform	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Bromomethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Carbon disulfide	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<74.9	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Chlorobenzene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Chloroethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Chloroform	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Chloromethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Ethanol	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Ethyl acetate	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Freon-11	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Freon-113	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Freon-114	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Freon-12	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Isoprene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<74.9	ppbv	0.06
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<74.9	ppbv	0.05
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Methylene chloride	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	n-Dodecane	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Naphthalene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Styrene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<74.9	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	trans-2-Butene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Trichloroethylene	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Vinyl acetate	VOC	<74.9	ppbv	0.03
14254	100/13-09-062-03W4/0	CLOS Beaverdam	AITF	25C Flashed Gas	Vinyl chloride	VOC	<74.9	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	o-Xylene	VOC	972	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Benzene	VOC	920	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	78000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Cyclopentane	VOC	77500	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Decane	VOC	680	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	603	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Isopropylbenzene	VOC	575	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	3-Methylheptane	VOC	5390	ppbv	0.02
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Heptane	VOC	4850	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	485	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	44800	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2-Methylheptane	VOC	4300	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Isopentane	VOC	402000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	377	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Hexane	VOC	37500	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Propylbenzene	VOC	325	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	3-Methylhexane	VOC	31700	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	3070	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	29800	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	277	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	276	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Cyclohexane	VOC	223000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	192	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Undecane	VOC	1880	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Isobutane	VOC	180000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2-Methylhexane	VOC	17800	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methylcyclohexane	VOC	169000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	m,p-Xylene	VOC	1580	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Toluene	VOC	1570	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Butane	VOC	144000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Pentane	VOC	124000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2-Methylpentane	VOC	119000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methylcyclopentane	VOC	119000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Ethylbenzene	VOC	1160	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	3-Methylpentane	VOC	102000	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1-Butene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1-Hexene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	1-Pentene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<82.2	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Acetone	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Acrolein	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Benzyl chloride	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Bromoform	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Bromomethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Carbon disulfide	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Chlorobenzene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Chloroethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Chloroform	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Chloromethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	cis-2-Butene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Ethanol	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Ethyl acetate	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Freon-11	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Freon-113	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Freon-114	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Freon-12	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Isoprene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<82.2	ppbv	0.06
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<82.2	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<82.2	ppbv	0.05
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Methylene chloride	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Dodecane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Nonane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	n-Octane	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Naphthalene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Styrene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	trans-2-Butene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	trans-2-Pentene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Trichloroethylene	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Vinyl acetate	VOC	<82.2	ppbv	0.03
14256	100/01-29-079-20W5/0	PROS Reno	AITF	25C Flashed Gas	Vinyl chloride	VOC	<82.2	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2-Methylheptane	VOC	98700	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	3-Methylpentane	VOC	711000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	3-Methylheptane	VOC	65600	ppbv	0.02
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	6160	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Heptane	VOC	557000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Nonane	VOC	54800	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	5280	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	5250	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	m,p-Xylene	VOC	52000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Isobutane	VOC	4390000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	42200	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Pentane	VOC	4170000	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	4070	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	trans-2-Pentene	VOC	389	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Isopropylbenzene	VOC	3730	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Propylbenzene	VOC	3390	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Cyclohexane	VOC	328000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Isopentane	VOC	3120000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methylcyclopentane	VOC	308000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Ethylbenzene	VOC	29700	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	3-Methylhexane	VOC	279000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Cyclopentane	VOC	274000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methylcyclohexane	VOC	273000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	o-Xylene	VOC	27100	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	2460	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2-Methylhexane	VOC	234000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	2320	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Benzene	VOC	219000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Hexane	VOC	2100000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	1880	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Toluene	VOC	184000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Octane	VOC	161000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	150000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Undecane	VOC	1370	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2-Methylpentane	VOC	1280000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Butane	VOC	11900000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Decane	VOC	11100	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	101000	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<64.7	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1-Butene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1-Hexene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	1-Pentene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Acetone	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Acrolein	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Benzyl chloride	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Bromoform	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Bromomethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Carbon disulfide	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Chlorobenzene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Chloroethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Chloroform	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Chloromethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	cis-2-Butene	VOC	<64.7	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Ethanol	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Ethyl acetate	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Freon-11	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Freon-113	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Freon-114	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Freon-12	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Isoprene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<64.7	ppbv	0.06
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<64.7	ppbv	0.05
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Methylene chloride	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	n-Dodecane	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Naphthalene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Styrene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	trans-2-Butene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Trichloroethylene	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Vinyl acetate	VOC	<64.7	ppbv	0.03
14262	100/04-29-074-07W6/0	La Glace	AITF	25C Flashed Gas	Vinyl chloride	VOC	<64.7	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	960	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	m,p-Xylene	VOC	9390	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	935	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	891	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	3-Methylhexane	VOC	72000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2-Methylheptane	VOC	7090	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Decane	VOC	6300	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Ethylbenzene	VOC	5550	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	52400	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Benzene	VOC	5180	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	49300	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	o-Xylene	VOC	3920	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	3-Methylheptane	VOC	3660	ppbv	0.02
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Butane	VOC	345000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2-Methylhexane	VOC	32200	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	3220	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	3-Methylpentane	VOC	318000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Undecane	VOC	3120	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2-Methylpentane	VOC	242000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	2360	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	2020	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Heptane	VOC	19600	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Toluene	VOC	18300	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Cyclohexane	VOC	181000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methylcyclohexane	VOC	176000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methylcyclopentane	VOC	171000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	159000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Isopentane	VOC	1560000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	1520	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Isobutane	VOC	1420000	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Cyclopentane	VOC	142000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Propylbenzene	VOC	1390	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Nonane	VOC	11500	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Hexane	VOC	106000	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Pentane	VOC	10600	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Isopropylbenzene	VOC	1040	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1-Butene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1-Hexene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	1-Pentene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Acetone	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Acrolein	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Benzyl chloride	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Bromoform	VOC	<56.4	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Bromomethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Carbon disulfide	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Chlorobenzene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Chloroethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Chloroform	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Chloromethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	cis-2-Butene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Ethanol	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Ethyl acetate	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Freon-11	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Freon-113	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Freon-114	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Freon-12	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Isoprene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<56.4	ppbv	0.06
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<56.4	ppbv	0.05
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Methylene chloride	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Dodecane	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	n-Octane	VOC	<56.4	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Naphthalene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Styrene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	trans-2-Butene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	trans-2-Pentene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Trichloroethylene	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Vinyl acetate	VOC	<56.4	ppbv	0.03
14268	102/02-01-083-18W5/8	PROS Walrus	AITF	25C Flashed Gas	Vinyl chloride	VOC	<56.4	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Ethylbenzene	VOC	968	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	3-Methylhexane	VOC	86300	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Nonane	VOC	855	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Butane	VOC	806000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Isopropylbenzene	VOC	782	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Benzene	VOC	6920	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	65200	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Hexane	VOC	64800	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Heptane	VOC	6220	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	558	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	53400	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	4860	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2-Methylheptane	VOC	4740	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2-Methylhexane	VOC	44700	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Propylbenzene	VOC	363	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	317	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2-Methylpentane	VOC	290000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	284	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	280	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	3-Methylpentane	VOC	263000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methylcyclohexane	VOC	246000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Toluene	VOC	2350	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Cyclohexane	VOC	231000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Pentane	VOC	223000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	217	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Isobutane	VOC	2000000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methylcyclopentane	VOC	199000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	191	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Decane	VOC	1440	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Undecane	VOC	1430	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Cyclopentane	VOC	136000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	m,p-Xylene	VOC	1270	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	112000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	3-Methylheptane	VOC	10700	ppbv	0.02
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Isopentane	VOC	1060000	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	o-Xylene	VOC	1050	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<79.3	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1-Butene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1-Hexene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	1-Pentene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Acetone	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Acrolein	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Benzyl chloride	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Bromoform	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Bromomethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Carbon disulfide	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Chlorobenzene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Chloroethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Chloroform	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Chloromethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	cis-2-Butene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Ethanol	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Ethyl acetate	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Freon-11	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Freon-113	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Freon-114	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Freon-12	VOC	<79.3	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Isoprene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<79.3	ppbv	0.06
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<79.3	ppbv	0.05
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Methylene chloride	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Dodecane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	n-Octane	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Naphthalene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Styrene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	trans-2-Butene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	trans-2-Pentene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Trichloroethylene	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Vinyl acetate	VOC	<79.3	ppbv	0.03
14270	103/16-26-084-17W5/2	PROS Three Creeks	AITF	25C Flashed Gas	Vinyl chloride	VOC	<79.3	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isobutane	VOC	804000	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Butane	VOC	737000	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methylcyclopentane	VOC	7120	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	66800	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Ethylbenzene	VOC	636	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Heptane	VOC	621	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	58.7	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Benzene	VOC	544	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	49.2	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2-Methylhexane	VOC	442	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	40800	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	404	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	301	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	2620	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isopropylbenzene	VOC	231	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	o-Xylene	VOC	222	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	m,p-Xylene	VOC	2210	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	220	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	195	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isopentane	VOC	190000	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Toluene	VOC	1610	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2-Methylpentane	VOC	13800	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	13700	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methylcyclohexane	VOC	13700	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Hexane	VOC	13400	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	3-Methylpentane	VOC	12600	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Propylbenzene	VOC	122	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	3-Methylhexane	VOC	1190	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Pentane	VOC	116000	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Cyclohexane	VOC	11600	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Cyclopentane	VOC	10800	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<43.6	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1-Butene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1-Hexene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	1-Pentene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	2-Methylheptane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	3-Methylheptane	VOC	<43.6	ppbv	0.02
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Acetone	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Acrolein	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Benzyl chloride	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Bromoform	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Bromomethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Carbon disulfide	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chlorobenzene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chloroethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chloroform	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Chloromethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<43.6	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-2-Butene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Ethanol	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Ethyl acetate	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-11	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-113	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-114	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Freon-12	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isoprene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<43.6	ppbv	0.06
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<43.6	ppbv	0.05
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Methylene chloride	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Decane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Dodecane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Nonane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Octane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	n-Undecane	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Naphthalene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Styrene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<43.6	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-2-Butene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	trans-2-Pentene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Trichloroethylene	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Vinyl acetate	VOC	<43.6	ppbv	0.03
14266	102/12-17-082-13W5/0	PROS Seal Lake	AITF	25C Flashed Gas	Vinyl chloride	VOC	<43.6	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Toluene	VOC	9160	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	m,p-Xylene	VOC	913	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methylcyclohexane	VOC	8670	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Cyclohexane	VOC	7410	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	691	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	3-Methylpentane	VOC	6630	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Heptane	VOC	6390	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Pentane	VOC	56800	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Isobutane	VOC	51400	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methylcyclopentane	VOC	4450	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Isopentane	VOC	41400	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Cyclopentane	VOC	2730	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	3-Methylhexane	VOC	2670	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Octane	VOC	2590	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2-Methylhexane	VOC	2320	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	2210	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Benzene	VOC	2130	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Hexane	VOC	18900	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Butane	VOC	138000	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2-Methylheptane	VOC	1370	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2-Methylpentane	VOC	11900	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<207	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1-Butene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1-Hexene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	1-Pentene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	3-Methylheptane	VOC	<207	ppbv	0.02
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Acetone	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Acrolein	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Benzyl chloride	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Bromoform	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Bromomethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Carbon disulfide	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<207	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Chlorobenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Chloroethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Chloroform	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Chloromethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	cis-2-Butene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Ethanol	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Ethyl acetate	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Ethylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Freon-11	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Freon-113	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Freon-114	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Freon-12	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Isoprene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<207	ppbv	0.06
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Isopropylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<207	ppbv	0.05
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Methylene chloride	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Decane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Dodecane	VOC	<207	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Nonane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Propylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	n-Undecane	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Naphthalene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	o-Xylene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Styrene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	trans-2-Butene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	trans-2-Pentene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Trichloroethylene	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Vinyl acetate	VOC	<207	ppbv	0.03
14252	102/16-30-091-12W5/0	PROS Sawn Lake	AITF	25C Flashed Gas	Vinyl chloride	VOC	<207	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,2,4-Trimethylbenzene	VOC	881	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Nonane	VOC	8710	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	trans-2-Pentene	VOC	864	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	3-Methylhexane	VOC	85100	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Undecane	VOC	833	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2-Methylhexane	VOC	79200	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Toluene	VOC	78500	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2,3-Dimethylbutane	VOC	75700	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Butane	VOC	7050000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Ethylbenzene	VOC	6980	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Hexane	VOC	677000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Propylbenzene	VOC	641	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	o-Ethyltoluene	VOC	641	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Isopropylbenzene	VOC	582	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	cis-2-Butene	VOC	516	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2-Methylpentane	VOC	500000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Isobutane	VOC	4690000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Octane	VOC	46100	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	p-Ethyltoluene	VOC	440	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,2,3-Trimethylbenzene	VOC	413	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,3,5-Trimethylbenzene	VOC	393	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	o-Xylene	VOC	3790	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2-Methylheptane	VOC	30100	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2,3-Dimethylpentane	VOC	29300	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2,2-Dimethylbutane	VOC	27100	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	3-Methylpentane	VOC	270000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Pentane	VOC	2480000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Isopentane	VOC	2440000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Decane	VOC	2310	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Cyclopentane	VOC	178000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methylcyclopentane	VOC	159000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Heptane	VOC	153000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2,3,4-Trimethylpentane	VOC	1500	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Benzene	VOC	139000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	3-Methylheptane	VOC	13700	ppbv	0.02
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Cyclohexane	VOC	133000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	m,p-Xylene	VOC	11800	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methylcyclohexane	VOC	102000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	m-Ethyltoluene	VOC	1000	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,1,1-Trichloroethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,1,2,2-Tetrachloroethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,1,2-Trichloroethane	VOC	<36.4	ppbv	0.03

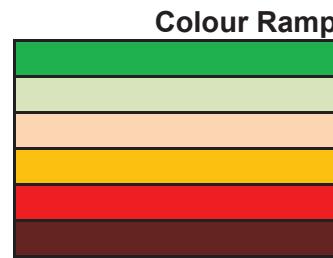
Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,1-Dichloroethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,1-Dichloroethylene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,2,4-Trichlorobenzene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,2-Dibromoethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,2-Dichlorobenzene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,2-Dichloroethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,2-Dichloropropane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,3-Butadiene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,3-Dichlorobenzene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,4-Dichlorobenzene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1,4-Dioxane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1-Butene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1-Hexene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	1-Pentene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2,2,4-Trimethylpentane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	2,4-Dimethylpentane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Acetone	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Acrolein	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Benzyl chloride	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Bromodichloromethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Bromoform	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Bromomethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Carbon disulfide	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Carbon tetrachloride	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Chlorobenzene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Chloroethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Chloroform	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Chloromethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	cis-1,2-Dichloroethene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	cis-1,3-Dichloropropene	VOC	<36.4	ppbv	0.03

Sample No.	UWI	Area	Laboratory	Sample Type	Compound	Compound Category	Result	Units	Detection Limit
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	cis-2-Pentene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Dibromochloromethane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Ethanol	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Ethyl acetate	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Freon-11	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Freon-113	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Freon-114	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Freon-12	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Hexachloro-1,3-butadiene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Isoprene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Isopropyl alcohol	VOC	<36.4	ppbv	0.06
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	m-Diethylbenzene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methyl butyl ketone	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methyl ethyl ketone	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methyl isobutyl ketone	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methyl methacrylate	VOC	<36.4	ppbv	0.05
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methyl tert butyl ether	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Methylene chloride	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	n-Dodecane	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Naphthalene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	p-Diethylbenzene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Styrene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Tetrachloroethylene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Tetrahydrofuran	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	trans-1,2-Dichloroethylene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	trans-1,3-Dichloropropylene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	trans-2-Butene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Trichloroethylene	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Vinyl acetate	VOC	<36.4	ppbv	0.03
14272	100/08-35-055-05W5/0	St. Anne	AITF	25C Flashed Gas	Vinyl chloride	VOC	<36.4	ppbv	0.03

Appendix 2 – RSCs and VOCs exceeding odour thresholds (from Nagata, 2003, and other government sources) using odour threshold multiples.

Legend

Column Label	Label Description
Well Name	Well name as indicated on the well license
Area - Fm	Geographic area of the producing well, followed by the producing stratigraphic unit
Units	Unit of measure of reported data
Method Detection Limit	The lowest concentration at which the compound can be distinguished from being absent, measured in the units listed in the "Units" column
Odour Threshold	The lowest concentration at which a compound may be detected by olfactory receptors and become odorous
Group	The related series of compounds with which the substance was analyzed.
OL	Odourless
RSC	Reduced sulphur compound
TSA	Reduced sulphur compound from trace sulphur analysis
VOC	Volatile organic compound



Colour Description
 Odourless or Below Odour Threshold
 Not Detected
 Above Known Odour Threshold (<10x)
 Above Known Odour Threshold (10-100x)
 Above Known Odour Threshold (100-1000x)
 Above Known Odour Threshold (>1000x)

*Odour threshold is below detection limits

**Odour thresholds are for single-bonded (alkane) hydrocarbons only

Table 9. AITF casing gas data.

Casing Gas Data	Well Name	Area - Fm	Units		Method Detection Limit	Odour Threshold*	Group	C1-C4	Inert	RSC	VOC
			ppmv	ppmv							
			OL	OL							
			1200	1500							
	ANDORA 1L SAWN LK 16-30-91-12	PROS Sawn Lake - Bluesky-Gething	1-Butene	Acetylene	0.36	0.05	OL	OL	OL	OL	OL
	BAYTEX 13D HZ BEAVRDM 13-9-62-3	CLOS Beaverdam - Grand Rapids	Methane	n-Butane	0.05	0.05	ppmv	ppmv	ppmv	ppmv	ppmv
	BAYTEX N317 KIMIWAN 1-29-79-20	PROS Reno - Bluesky-Gething	n-Propane	Propylene	0.05	0.05	ppmv	ppmv	ppmv	ppmv	ppmv
	CVE FCCL E12W04 FISHER 3-17-70-3	ABOS Foster Creek - Wabiskaw-McMurray	Carbon dioxide	Nitrogen	0.05	0.05	ppmv	ppmv	ppmv	ppmv	ppmv
	ECA HZ LA GLACE 4-29-74-7	Gordondale Type LaGlace - Nordegg	Oxygen	Butyl mercaptan	0.0028	1	pbv	pbv	pbv	pbv	pbv
	MURPHY 16-31HZ S280 SEAL 16-32-82-14	PROS Seal Lake - Bluesky-Gething	Carbon disulphide	Carbon disulphide	210	1	pbv	pbv	pbv	pbv	pbv
	MURPHY SEAL 12-17-82-13	PROS Seal Lake - Pekisko	Carbonyl sulphide	Dimethyl disulphide	55	1	pbv	pbv	pbv	pbv	pbv
	PENN WEST HZ PEACE RVR 2-1-83-18	PROS Walrus - Bluesky-Gething	Dimethyl sulphide	Dimethyl sulphide	22	1	pbv	pbv	pbv	pbv	pbv
	SCL HZ S343 CLIFFD 16-26-84-17	PROS Three Creeks - Bluesky-Gething	Ethyl mercaptan	Hydrogen sulphide	3	1	pbv	pbv	pbv	pbv	pbv
	VH1 ALEXIS 8-35-55-5	Exshaw Type St.Anne - Banff	Isopropyl mercaptan	Methyl mercaptan	0.0087	1	pbv	pbv	pbv	pbv	pbv
			Methyl mercaptan	Propyl mercaptan	0.41	1	pbv	pbv	pbv	pbv	pbv
			Propyl mercaptan	tert-Butyl mercaptan	0.006	1	pbv	pbv	pbv	pbv	pbv
			tert-Butyl mercaptan	Thiophene	0.029	1	pbv	pbv	pbv	pbv	pbv
			Thiophene	1,2,4-Trimethylbenzene	0.56	1	pbv	pbv	pbv	pbv	pbv
			1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	120	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			1,3,5-Trimethylbenzene	1,3-Butadiene	170	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			1,3-Butadiene	1-Butene	230	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			1-Butene	1-Hexene	360	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			1-Hexene	1-Pentene	400	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			1-Pentene	2,2,4-Trimethylpentane	670	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			2,2,4-Trimethylpentane	2,2-Dimethylbutane	2000	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			2,2-Dimethylbutane	2,3-Dimethylpentane	420	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			2,3-Dimethylpentane	2,4-Dimethylpentane	450	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			2,4-Dimethylpentane	2-Methylheptane	940	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			2-Methylheptane	2-Methylhexane	110	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			2-Methylhexane	3-Methylhexane	420	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			3-Methylhexane	3-Methylpentane	700	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			3-Methylpentane	Acetone	840	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Acetone	Acrolein	890	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Acrolein	Benzene	4200	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Benzene	Carbon tetrachloride	36	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Carbon tetrachloride	Chloroform	2700	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Chloroform	Cyclohexane	2500	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Cyclohexane	Ethanol	520	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Ethanol	Ethyl acetate	870	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Ethyl acetate	Ethylbenzene	170	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Ethylbenzene	Isopentane	1300	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Isopentane	Isoprene	48	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Isoprene	Isopropyl alcohol	26000	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Isopropyl alcohol	m-Diethylbenzene	8.4	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			m-Diethylbenzene	Methyl butyl ketone	70	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Methyl butyl ketone	Methyl cyclohexane	24	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Methyl cyclohexane	Methyl isobutyl ketone	440	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Methyl isobutyl ketone	m-Ethyltoluene	170	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			m-Ethyltoluene	n-Butane	1E-06	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Butane	n-Decane	620	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Decane	n-Dodecane	110	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Dodecane	n-Hexane	670	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Hexane	n-Nonane	1500	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Nonane	n-Octane	2200	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Octane	n-Pentane	1700	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Pentane	n-Propylbenzene	3.8	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Propylbenzene	n-Undecane	870	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			n-Undecane	o-Ethyltoluene	74	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			o-Ethyltoluene	o-Xylene	380	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			o-Xylene	p-Diethylbenzene	0.39	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			p-Diethylbenzene	Styrene	35	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Styrene	Tetrahydroethylene	770	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Tetrahydroethylene	Toluene	330	8.392	ppbv	ppbv	ppbv	ppbv	ppbv
			Toluene	Trichloroethylene	3900	8.392	ppbv	ppbv	ppbv	ppbv	ppbv

Table 10. CoreLabCoreLab casing gas data.

Casing Gas Data		Units	Method Detection Limit											
			Odour Threshold*						TSA					
			Group		C1-C7+**			H2S	Inert			TSA		
			C1	OL	0.0001	frac	0.0001	frac	OL	0.0001	frac	OL	0.0001	frac
Well Name	Area - Fm		C2	0.000899	0.0001	frac	0.0001	frac	C2	0.0001	frac	C2	0.0001	frac
ANDORA 1L SAWN LK 16-30-91-12	PROS Sawn Lake - Bluesky-Gething		C3	0.0015	0.0001	frac	0.0001	frac	C3	0.0001	frac	C3	0.0001	frac
BAYTEX 13D HZ BEAVRDM 13-9-62-3	CLOS Beaverdam - Grand Rapids		C4	0.0012	0.0001	frac	0.0001	frac	C4	0.0001	frac	C4	0.0001	frac
BAYTEX N317 KIMIWAN 1-29-79-20	PROS Reno - Bluesky-Gething		iC5	1.3E-06	0.0001	frac	1.4E-06	0.0001	iC5	0.0001	frac	iC5	0.0001	frac
CVE FCCL E12W04 FISHER 3-17-70-3	ABOS Foster Creek - Wabiskaw-McMurray		C6	0.00013	0.0001	frac	0.00041	100	C6	0.0001	frac	C6	0.0001	frac
ECA HZ LA GLACE 4-29-74-7	Gordondale Type LaGlace - Nordegg		H2S	OL	0.0001	ppmv	OL	0.0001	H2S	OL	0.0001	H2S	OL	0.0001
MURPHY 16-31HZ S280 SEAL 16-32-82-14	PROS Seal Lake - Bluesky-Gething		H2	OL	0.0001	frac	OL	0.0001	H2	OL	0.0001	H2	OL	0.0001
MURPHY SEAL 12-17-82-13	PROS Seal Lake - Pekisko		He	OL	0.0001	frac	OL	0.0001	He	OL	0.0001	He	OL	0.0001
PENN WEST HZ PEACE RVR 2-1-83-18	PROS Walrus - Bluesky-Gething		N2	OL	0.0001	frac	OL	0.0001	N2	OL	0.0001	N2	OL	0.0001
SCL HZ S343 CLIFFD 16-26-84-17	PROS Three Creeks - Bluesky-Gething		CO2	OL	0.0001	frac	OL	0.0001	CO2	OL	0.0001	CO2	OL	0.0001
VH1 ALEXIS 8-35-55-5	Exshaw Type St.Anne - Banff		Hydrogen sulphide	0.41	100	ppbv	Carbonyl sulphide	55	100	ppbv	Methyl mercaptan	0.07	100	ppbv
			Ethyl mercaptan	0.0087	100	ppbv	Dimethyl sulphide	3	100	ppbv	Isopropyl mercaptan	0.006	100	ppbv
			Dimethyl sulphide	3	100	ppbv	Isobutyl mercaptan	0.0068	100	ppbv	Diethyl sulphide	0.033	100	ppbv
			Isobutyl mercaptan	0.0068	100	ppbv	N-butyl Mercaptan	0.029	100	ppbv	n-Propylmercaptan	0.013	100	ppbv
			Diethyl disulphide	2.2	100	ppbv	Dimethyl disulphide	2	100	ppbv	Diethyl disulphide	2	100	ppbv

Table 11. AITF 25C flash gas data.

Well Name	Area - Fm	Units																				
		Method Detection Limit						Odour Threshold*						VOC								
		Group			1-Butene			1-Hexene			1-Pentene			2,2,4-Trimethylpentane			2,2-Dimethylbutane					
		1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,3-Butadiene	1-Butene	1-Hexene	1-Pentene	2,2,4-Trimethylpentane	2,2-Dimethylbutane	2,3-Dimethylbutane	2,3-Dimethylpentane	2,4-Dimethylpentane	2-Methylheptane	2-Methylhexane	2-Methylpentane	3-Methylheptane	3-Methylhexane	3-Methylpentane	Acetone			
ANDORA 1L SAWN LK 16-30-91-12	PROS Sawn Lake - Bluesky-Gething	120	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	670	8.392	ppbv
BAYTEX 13D HZ BEAVRDM 13-9-62-3	CLOS Beaverdam - Grand Rapids	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	20000	8.392	ppbv
BAYTEX N317 KIMIWAN 1-29-79-20	PROS Reno - Bluesky-Gething	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	420	8.392	ppbv
CVE FCCL E12W04 FISHER 3-17-70-3	ABOS Foster Creek - Wabiskaw-McMurray	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	4500	8.392	ppbv
ECA HZ LA GLACE 4-29-74-7	Gordondale Type LaGlace - Nordegg	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	940	8.392	ppbv
MURPHY 16-31HZ S280 SEAL 16-32-82-14	PROS Seal Lake - Bluesky-Gething	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	110	8.392	ppbv
MURPHY SEAL 12-17-82-13	PROS Seal Lake - Pekisko	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	120	8.392	ppbv
PENN WEST HZ PEACE RVR 2-1-83-18	PROS Walrus - Bluesky-Gething	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	1300	8.392	ppbv
SCL HZ S343 CLIFFD 16-26-84-17	PROS Three Creeks - Bluesky-Gething	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	1400	8.392	ppbv
VH1 ALEXIS 8-35-55-5	Exshaw Type St.Anne - Banff	110	8.392	ppbv	170	8.392	ppbv	230	8.392	ppbv	360	8.392	ppbv	140	8.392	ppbv	100	8.392	ppbv	150	8.392	ppbv
																			18	8.392	ppbv	
																			1E+06	8.392	ppbv	
																			620	8.392	ppbv	
																			110	8.392	ppbv	
																			670	8.392	ppbv	
																			1500	8.392	ppbv	
																			2200	8.392	ppbv	
																			1700	8.392	ppbv	
																			1400	8.392	ppbv	
																			870	8.392	ppbv	
																			74	8.392	ppbv	
																			380	8.392	ppbv	
																			0.39	8.392	ppbv	
																			3.8	8.392	ppbv	
																			35	8.392	ppbv	
																			70	8.392	ppbv	
																			330	8.392	ppbv	
																			3900	8.392	ppbv	

Table 12. CoreLab 25C flash gas data.

25C Flash Gas Data	Units																		
	Method Detection Limit																		
	Odour Threshold*																		
	Group	C1	C2	C3	C4	iC5	C5	C6	H2S	Inert	CO2	Hydrogen sulphide	Carbonyl sulphide	Methyl mercaptan	Ethyl mercaptan	Dimethyl sulphide	Isopropyl mercaptan	tert-Butyl mercaptan	n-Propyl mercaptan
Well Name	Area - Fm																		
ANDORA 1L SAWN LK 16-30-91-12	PROS Sawn Lake - Bluesky-Gething	OL	0.00001	frac															
BAYTEX 13D HZ BEAVRDM 13-9-62-3	CLOS Beaverdam - Grand Rapids	0.000899	0.0001	frac															
BAYTEX N317 KIMIWAN 1-29-79-20	PROS Reno - Bluesky-Gething	0.0015	0.0001	frac															
CVE FCCL E12W04 FISHER 3-17-70-3	ABOS Foster Creek - Wabiskaw-McMurray	0.0012	0.0001	frac															
ECA HZ LA GLACE 4-29-74-7	Gordondale Type LaGlace - Nordegg	1.3E-06	0.0001	frac															
MURPHY 16-31HZ S280 SEAL 16-32-82-14	PROS Seal Lake - Bluesky-Gething	1.4E-06	0.0001	frac															
MURPHY SEAL 12-17-82-13	PROS Seal Lake - Pekisko																		
PENN WEST HZ PEACE RVR 2-1-83-18	PROS Walrus - Bluesky-Gething																		
SCL HZ S343 CLIFFD 16-26-84-17	PROS Three Creeks - Bluesky-Gething																		
VH1 ALEXIS 8-35-55-5	Exshaw Type St.Anne - Banff																		

Table 13. CoreLab 80C flash gas data.

Well Name	Area - Fm	Units															
		Method Detection Limit								Odour Threshold*							
		Group				C1-C7+**				H2S				Inert			
		C1	OL	0.0001	frac	C2	0.000899	0.0001	frac	C3	0.0015	0.0001	frac	C4	0.0012	0.0001	frac
ANDORA 1L SAWN LK 16-30-91-12	PROS Sawn Lake - Bluesky-Gething																
BAYTEX N317 KIMIWAN 1-29-79-20	PROS Reno - Bluesky-Gething																
CVE FCCL E12W04 FISHER 3-17-70-3	ABOS Foster Creek - Wabiskaw-McMurray																