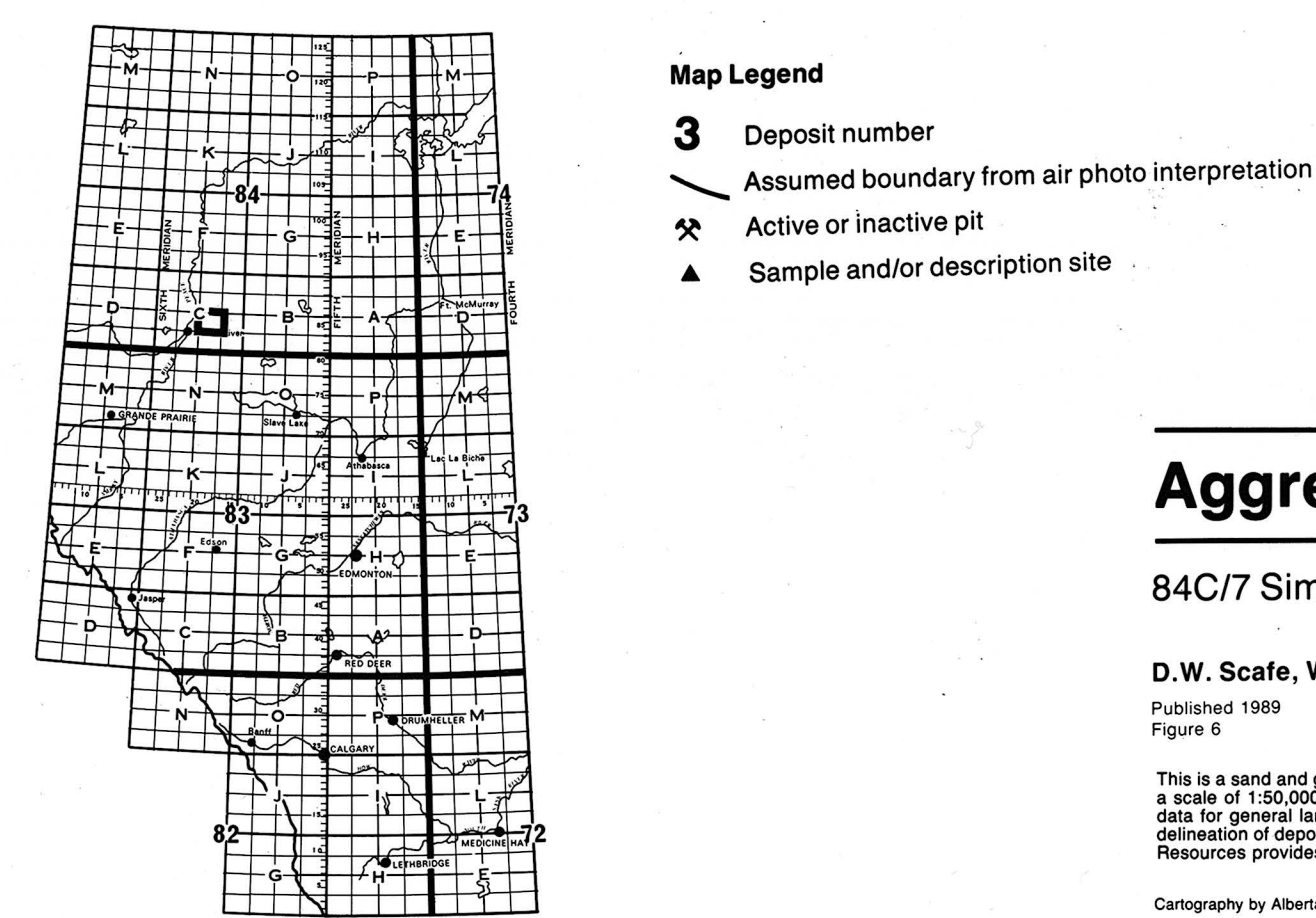




DEPOSIT CHARACTERISTICS

Deposit Number	Material Description	Reserves (1000 m³)		Additional	Comments	Texture (%)		Fines	Wear	Overburden Thickness (m)	Deposit Thickness (m)	Deposit Area (ha)	Deposit Genesis	Additional	Comments
		Gravel	Sand			Gravel	Sand								
LEVEL 3 - Regional Mapping Study Area															
NO DEPOSITS															
LEVEL 4 - Enhanced Reconnaissance Study Area															
1	gravely sand				clean, coarse grained					1.5	7.5	32	outwash		

Deposit Area — Deposits in this study were delineated by interpretation of aerial photographs and the contacts should be considered approximate. Information is precise only where test holes, or geological sections, are indicated.

Deposit Genesis — The genesis, or formation, of deposits is vital to the understanding of the gradational nature, extent and geometry of the deposit. This understanding forms the basis for extrapolation from a limited number of known points (test holes, pits, sections) and permits an overall assessment of the deposit.

Figure 1 is a soil classification chart based on the percentage of sand, silt, and clay. The chart is a ternary diagram with vertices representing 100% sand, 100% silt, and 100% clay. The chart is divided into several regions based on the percentage of sand and the percentage of fines (silt and clay combined).

Soil Classification Legend:

- 0-6% fines = clean
- 6-12% fines = dirty
- 12-50% fines = very dirty

Soil Classification Chart Regions:

- GRAVEL:** The top region of the chart, defined by 5% fines and 12% fines lines.
- SANDY GRAVEL:** The region below GRAVEL, defined by 12% fines and 50% fines lines.
- gravelly SAND:** The region below SANDY GRAVEL, defined by 50% fines and 100% sand lines.
- sandy gravel:** The region below gravelly SAND, defined by 100% sand and 12% fines lines.
- SAND:** The bottom region of the chart, defined by 100% sand and 12% fines lines.
- FINE GRAINED SOILS:** The region below SAND, defined by 100% sand and 12% fines lines.
- FINE GRAINED SAND:** The region below FINE GRAINED SOILS, defined by 100% sand and 12% fines lines.

Soil Classification Table:

Industrial Classification	GRAVEL		SAND		FINE GRAINED SAND	FINE
	Very Coarse	Coarse	Coarse	Medium		
	75mm	4.75mm	4.75mm	2.0mm	0.075mm	0.075mm

Overburden Thickness — The thickness of non-economic material, or overburden, covering a deposit, sometimes is a limiting factor in the exploitation of an aggregate deposit. The tabulated values given are approximate overburden thicknesses as determined from geological investigations and subsurface testing.

Aggregate Resources

84C/7 Simon Lakes

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