TECHNICAL SUMMARY REPORT

Updated November 2008-11-17

Pit Name: Strimboldt Pit

Provincial Pit #: P5579

Location

Strimboldt Pit is located on Hwy 16 east, approximately 0.5 kilometres west of the Hwy 16 and Hwy 118 intersection. The pit is on the north side of Hwy 16.

Legal Description

The Strimboldt Gravel Reserve is legally described as the "East half of unsurveyed portion of District Lot 2629, Range 5, Coast District."

Material Gradation

The material gradation and durability characteristics are based on the 1993 subsurface investigation results. The investigated areas are shown on the attached sketch plan.

The table below shows the average overall gradation of the granular areas.

Fines	Sand	Gravel	Ove	rsize		
40.075mm	0.075 -	4.75 -	75 - 150mm	. 150mm		
<0.075mm	4.75mm	75mm	75 - 150mm	>150mm		
2%	54%	42%	2%	0%		

Material Durability

Average Degradation	Durability	y Index	MgSO ₄ Soundness Average Sand Equivalent				
	Course Aggregate	Fine Aggregate	Course Aggregate	Fine Aggregate			
69	73	75	4.1% loss	7.8% loss	87		

The generally accepted durability index value for base course & paving aggregates is above 65 on the coarse fraction.

Gravel Volume Estimates

Area	Α	В	С	Total
Volume (m³)	14,000	89,000	30,000	133,000

Based on the useable gravel thickness of 2.8 - 4.0m, the gravel volume is estimated to be 133,000m³ in the areas investigated.

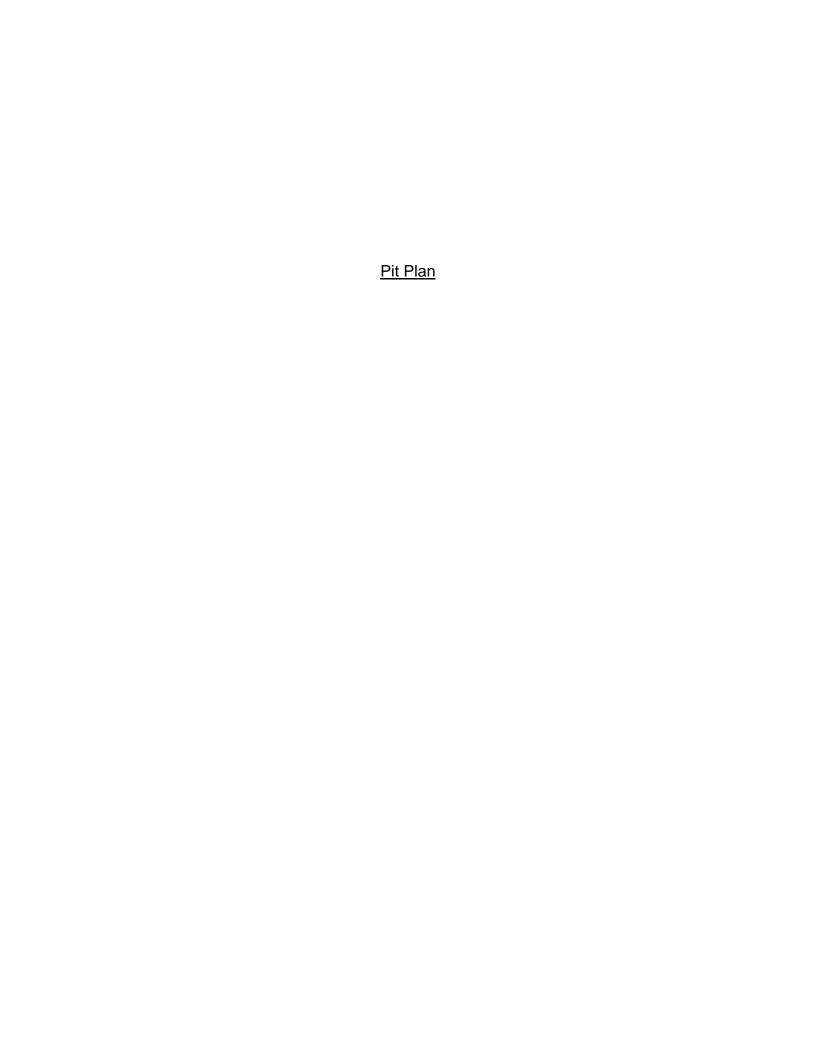
Suitability

Based on the 1993 investigation results, the gravel within the investigated areas at the Strimboldt Gravel Reserve is suitable for the production of 25mm Base Course and Paving Aggregates. Production of these may require selective screening to achieve the required fracture counts.

Due to the high durability characteristics of the gravel in this pit, it is recommended that the gravel be used for the production of only quality aggregates.

Pit Development Notes

- The landform in which the gravel is found is a glacial outwash terrace.
- The water table was not encountered during this investigation but was encountered at 1.5 metres below the pit floor in the earlier 1989 investigation.
- Most of the pit area south of the hydro power lines is cleared except for some patches of light brush. The area north of the hydro power lines is treed with mixed poplar, pine, and spruce.
- Overburden, where present, consists of an average of 0.5 metre thick silty sand or silt.
- · Access to the pit is directly off Highway 16.



Test Pit Summary

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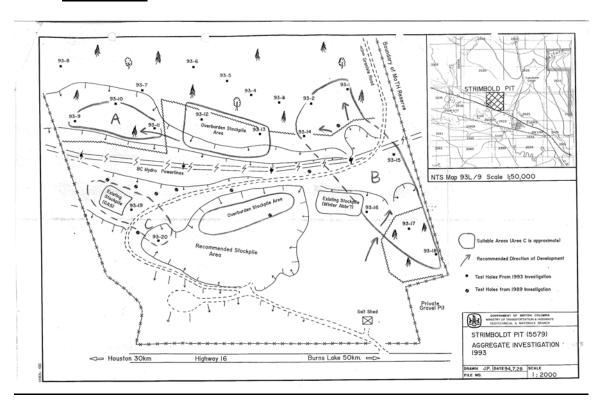
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Sketch Plan



Photos: taken in Nov 2008

























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