

Source Detail

AIMS

Selection Criteria: Hemmingsen Creek Pit (7038)

Hemmingsen Creek Pit

Source ID	7038	File Num	39100-20-Hemmingsen	UTM Zone	10
Type	Gravel Pit	Service Area	1: South Island	UTM Easting	407800
Licensed	Yes	Tenure Status	Section 16	UTM Northing	5387700
Hectares	27.5	Dev Status	Active	NTS Map Num	92C/069
Location	Located at the confluence of Harris Creek and Hemmingsen Creek along the Harris Main FSR 8.1 km north of the Harris Creek Bridge.				
Comments	PDP-AUG09 Additional testing is required to fully evaluate the resource. Salt shed located on site.				

Geotech Information (by Source Area)

Area	Gravel	Sand	Fines	Oversize	Degradation	Sand Equiv	MgSO4 - Coarse	MgSO4 - Fine	Microdev - Coarse	Microdev - Fine	Microdev - Avg	Petrographic Num	Spec. Gravity - Coarse	Spec. Gravity - Fine	Absorption - Coarse	Absorption - Fine
A	62	35	3	25	89	84										
B	0	0	0	0	0	0	0	0								
C	58	38	2	15		33	1	7	7							
D																

Legal Land Description

	Description
PIN	That part of Section 62; together with unsurveyed Crown foreshore or land covered by water being part of the beds of Harris Creek and Unamed Creek, all within Renfrew District
File Num	
Reserve Num	
Property File	

Development Information

Pit Dev Plan Month/Year	Aug 2009	Dev Comments	Large primary crusher required
Update Required	Yes	Dev History	Pit was used to produce 25mm WGB for PMCR Project 2005
Last Evaluated Month/Year	Apr 2009	Constraints	
		FN Consult	

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Hemmingsen Creek Pit**Material Quantities**

Area	Proven	Potential	Approved Usage
A	73,200	73,200	25WGB, MAMA, SGSB
B	0	548,000	
C	205,980	387,390	25IGB, 25WGB, 50WGB, 75WGB, MAMA
D			25WGB, 50WGB, 75WGB, SGSB

Current Aggregate Inventory

Material	Volume
PIT pit-run granular aggregate	-13,498

Exploration History

Month/Year	Completed by	Details
Apr 2009	MoT	19 Test Pits - average depth 6m
Jan 2005	MoT	23 Test Pits - average depth 4.2m

Site Surveys

Month/Year	Type
Feb 2005	DEM (ortho)

Summary Information

Comments	PDP-AUG09 Additional testing is required to fully evaluate the resource. Salt shed located on site.
Site Reclamation	Topsoil and overburden should be stockpiled separately and seeded to prevent erosion, these stockpiles are to be used for final pit reclamation. All interim sloping is to be left at 11/2H to 1V. Final sloping shall be 2H to 1V All reclamation works shall be in accordance with Ministry of Mines regulations and MoT Reclamation and Environmental Protection Handbook for Sand, Gravel and Quarry Operations in British Columbia.
Geology/ Geomorphology	