

Source Detail

AIMS

Selection Criteria: Ruby Lake (0194)

Ruby Lake

Source ID	0194	File Num	1567A	UTM Zone	10
Type	Gravel Pit	Service Area	5: Sunshine Coast	UTM Easting	430700
Licensed	Yes	Tenure Status	Section 16	UTM Northing	5504500
Hectares	31.34	Dev Status	Active	NTS Map Num	92G/12W
Location	9.0km north of Pender Harbour on and east of Hwy101.				
Comments	Pit last evaluated 1999. Requires evaluation of other side of creek (01/07/12)				

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	53	44	3	10	52	82	3	7								
B	54	43	3	9	60	75										
C																
D																

Legal Land Description

	Description
PIN	That parcel or tract of land in the vicinity of District Lot 3260, Group 1, New Westminster District
File Num	0289343
Reserve Num	R152003
Property File	R-355C
	Expiry Date: March 16, 2025

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Development Information

Pit Dev Plan Month/Year	Jan 2016	Dev Comments	Dozer required to push material down at north end of pit. Bedrock will be encountered throughout the pit, but can be worked around. Bedrock could easily be developed for rip-rap purposes. Area A should be depleted first prior to mining Area B. Consideration should be given to developing Area C prior to depleting Area B.
Update Required	No	Dev History	The performance of any product produced from this pit has been favourable.
Last Evaluated Month/Year	May 2000	Constraints	High face constricted by bedrock
		FN Consult	FN- completed; AIA- completed, there were no archaeological sites found within the pit boundaries; Forestry- required; Environmental- required

Material Quantities

Area	Proven	Potential	Approved Usage
A	15,000	30,000	25WGB, 50WGB, 75WGB
B	133,000	111,000	25WGB, SGSB, WAB
C	180,000		100RIP, 250RIP, 500RIP
D			

Current Aggregate Inventory

Exploration History

Month/Year	Completed by	Details
Oct 1999	MoT	18 Test Pits were dug with an excavator
Nov 1990	MoT	22 Test Pits were dug with an excavator

Site Surveys

Month/Year	Type
Aug 2003	DEM (ortho)

Summary Information

Comments	Pit last evaluated 1999. Requires evaluation of other side of creek (01/07/12)
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	Glacial-Fluvial Outwash, Granodiorite Bedrock