

Source Detail

AIMS

Selection Criteria: Seifert (1708)

Seifert

Source ID	1708	File Num	39100-20-Seifert	UTM Zone	10
Type	Gravel Pit	Service Area	6: Lower Mainland	UTM Easting	534200
Licensed	No	Tenure Status	Ministry owned	UTM Northing	5440400
Hectares	1.08	Dev Status	Active	NTS Map Num	92G/2
Location	N side of Hwy1, 0.6km e of Otter Rd.				
Comments	This property is within the Agricultural Land Reserve. Water quality monitoring was completed as part of Hwy 1 Truck Climbing Lane Project 2014.				

Geotech Information (by Source Area)

A	Gravel	25	Degradation	0	Microdev - Coarse	5	Spec. Gravity - Coarse
	Sand	73	Sand Equiv	86	Microdev - Fine	10	Spec. Gravity - Fine
	Fines	2	MgSO4 - Coarse	0	Microdev - Avg		Absorption - Coarse
	Oversize	1	MgSO4 - Fine	0	Petrographic Num		Absorption - Fine

Legal Land Description

	Description
PIN	004-041-747
File Num	Parcel G (Statutory Right of Way Plan 23059) S1/2 of N1/2, West 1/4 Section 11 Except: Part Dedicated Road on plan LMP11703 NWD.
Reserve Num	Title No: BG327341
Property File	

Development Information

Pit Dev Plan Month/Year	Oct 2012	Dev Comments	Pit accesses were redeveloped during the Hwy 1 Truck climbing lane project. Access to Hwy 1 is currently right in right out. Some sand rejection may be required to produce SGSB. Blending of upper coarser sand and under lying finer sands will be required to produce a consistent product (ie:SGSB).
Update Required	No	Dev History	Pit has been used extensively over the past years as SGSB and borrow. In 1998 surplus soils from the Hwy 1 HOV land project were imported and covered with a geo-membrane. A small amount of Expo soils was also placed. Materials did not have any excessive contaminates.
Last Evaluated Month/Year	Sep 2012	Constraints	Agricultural Land Reserve. Renewal of soil removal/deposit permit with Township of Langley.
		FN Consult	

Material Quantities

Area	Proven	Potential	Approved Usage
A	30,000	50,000	PIT, SGSB

Exploration History

Month/Year	Completed by	Details
May 1975	MoT	4 augerholes each drilled to 9.4 metres.
Sep 1998	MoT	3 face samples taken
Jul 2012	MoTI	12 test pits were completed to a 6.5 metre depth

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Seifert**Site Surveys**

Month/Year	Type
May 1975	Sketch
Dec 1998	DEM (survey)
May 2007	DEM (survey)

Summary Information

Comments	This property is within the Agricultural Land Reserve. Water quality monitoring was completed as part of Hwy 1 Truck Climbing Lane Project 2014.
Site Reclamation	The pit has been used as a dump site for soils from various highway widening projects and some from the False Creek area. Ongoing long term water quality monitoring is required.
Geology/ Geomorphology	The deposit is deltaic sediments of the Capilano sediment system. The material is predominately sand with minor lenses of gravel.