

## Source Detail

AIMS

Selection Criteria: Eleven Mile (1713)

### Eleven Mile

<b>Source ID</b>	1713	<b>File Num</b>	39100-20-Eleven Mile	<b>UTM Zone</b>	10
<b>Type</b>	Gravel Pit	<b>Service Area</b>	7: Fraser Valley	<b>UTM Easting</b>	650000
<b>Licensed</b>	No	<b>Tenure Status</b>	Section 16	<b>UTM Northing</b>	5450000
<b>Hectares</b>	56.66	<b>Dev Status</b>	Active	<b>NTS Map Num</b>	92 H 6C 6
<b>Location</b>	Located 13 km northeast of Hope, adjacent to and north of Highway 3. Access from WB Hwy 3 via Eight Mile Creek FSR.				
<b>Comments</b>	Area A Comments: Poor degradation results from 1994 due to weak fines, may be sieved out to improve values. Re-evaluation in 2012 showed good Micro-Deval values for paving.				
	Area B Comments: Mostly clean sand, hardly any oversize.				
	Area D Comments: Sand equivalents just passing (over 20) in some areas (TP12-12 and TP12-17).				

### 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	56	40	4	6	24	55	8	23	13	14			2.681	2.594	1.2	2.2
B	19	77	4			75		15								
C	24	71	6	5	24	57	11	26								
D	57	34	9	7		30	8	22	13	23			2.720	2.475	1.0	5.9

### Legal Land Description

<b>PIN</b>		<b>Description</b>	
<b>File Num</b>	0274861		That parcel or tract of land in the vicinity of District Lot 1074, Yale Division of Yale District
<b>Reserve Num</b>	R112174		
<b>Property File</b>			

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### Development Information

<b>Pit Dev Plan Month/Year</b>	Jun 2014	<b>Dev Comments</b>	Area A should be worked in upper and lower benches. Mining of the upper bench will allow the FSR to be relocated so the lower bench can be developed. Upper bench has also been logged in 2013.
<b>Update Required</b>	In Progress	<b>Dev History</b>	Area C has been used previously for the Skagit Skaist Bridge replacement/re-alignment in 2006..
<b>Last Evaluated Month/Year</b>	Nov 2012	<b>Constraints</b>	
		<b>FN Consult</b>	

### Material Quantities

Area	Proven	Potential	Approved Usage
A	160,000	327,000	25WGB, 50WGB, BEF, MAMA
B	276,000	2,500,000	PIT, SGSB, WAB
C	195,000	1,175,000	PIT
D	541,000	4,160,000	25HFS, PIT

### Current Aggregate Inventory

### Exploration History

Month/Year	Completed by	Details
Nov 1989	MoT	6 Becker Holes to an average depth of ?
Jan 1994	MoT	26 Test Pits to an average depth of 5-6 metres
Nov 2012	MoT	25 Test Pits to an average depth of 6.5 metres.

### Site Surveys

Month/Year	Type
Mar 2014	DEM (lidar)
Feb 2005	DEM (ortho)

### Summary Information

**Comments** Area A Comments: Poor degradation results from 1994 due to weak fines, may be sieved out to improve values. Re-evaluation in 2012 showed good Micro-Deval values for paving.

Area B Comments: Mostly clean sand, hardly any oversize.

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#### Site Reclamation

#### Geology/ Geomorphology