

## Source Detail

AIMS

Selection Criteria: Coleman Road Airport (6010)

### Coleman Road Airport

<b>Source ID</b>	6010	<b>File Num</b>	39100-20-Coleman Rd	<b>UTM Zone</b>	10
<b>Type</b>	Gravel Pit	<b>Service Area</b>	2: Central Island	<b>UTM Easting</b>	358900
<b>Licensed</b>	Yes	<b>Tenure Status</b>	Section 16	<b>UTM Northing</b>	5465600
<b>Hectares</b>	8.1	<b>Dev Status</b>	Active	<b>NTS Map Num</b>	92 F 7
<b>Location</b>	Approximately 1.5 kilometers west of the Port Alberni Airport via Coleman / Airport roads				
<b>Comments</b>	PDP-MAR08. Pit last evaluated 1997. MoF has issued a Christmas Tree Permit over the same area. Agreement on file with permittee. Check file for agreement prior to any development. Notification to permittee required. The watertable was encountered in test pits 97-1, 3, 11 and 13 at 3.0, 3.0, 5.5, and 4.0 meters respectively.				

### 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
<b>A</b>	53	46	1	6	75	52	3	6								
<b>B</b>	18	81	1	0	75	52	3	6								

### Legal Land Description

	Description
<b>PIN</b>	Unsurveyed portion of Lot 1, Block 209, Plan 48620, Alberni L.D.
<b>File Num</b>	1408106
<b>Reserve Num</b>	990019
<b>Property File</b>	PS100935

### Development Information

<b>Pit Dev Plan Month/Year</b>	Mar 2008	<b>Dev Comments</b>	Proven depth of coarse material in Area A-1 is 5.7 metres, proven depth of coarse material in Area A-2 is 2.5 metres after which the material increases in sand content in both areas.
<b>Update Required</b>	No	<b>Dev History</b>	1990- used to produce WGB for Port Alberni Airport (not MoT property at that time) 2001- 5,000m3 of SGSB was used
<b>Last Evaluated Month/Year</b>	Sep 1997	<b>Constraints</b>	Portions of the property is used for growing christmas trees. There is a protocol agreement between the tree grower and MoT, any extraction from the protocol areas shown on the development plan requires approval from the Regional Gravel Resource Manager. The current licence holder is Tom Verbrugge (250 723-1617) 8945 Faber Road, Port Alberni B.C. V9Y 9B9. His 723-1617 number is no longer in service (2015-01-26).
		<b>FN Consult</b>	

### Material Quantities

Area	Proven	Potential	Approved Usage
A	200,000	155,000	25WGB, MAMA, SGSB
B	192,000	0	SGSB, WAB

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### Current Aggregate Inventory

Material	Volume
PIT pit-run granular aggregate	-33,175

### Exploration History

Month/Year	Completed by	Details
Jul 1990	Hardy BBT	Property was not MoT at time of testing. Tested for the production of 25mm WGB for Port Alberni Airport.
Oct 1993	MoT	Geophysics
Sep 1997	MoT	24 test pits were completed to an average 6.0 metre depth.

### Site Surveys

Month/Year	Type
Oct 2007	DEM (ortho)
Dec 2009	DEM (survey)
Dec 1997	DEM (survey)

### Summary Information

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<b>Site Reclamation</b>	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
<b>Geology/ Geomorphology</b>	Large glacial outwash deposit. Property consists mainly of horizontally stratified layers of clean gravels and sands with minor lenses of silt, silty sand and sandy clay.