

Source Detail

AIMS

Selection Criteria: Gold Dust (7003)

Gold Dust

Source ID	7003	File Num	39100-20-Gold Dust	UTM Zone	10
Type	Gravel Pit	Service Area	7: Fraser Valley	UTM Easting	679300
Licensed	No	Tenure Status	Section 16	UTM Northing	5453000
Hectares	24.4	Dev Status	Active	NTS Map Num	92H/2
Location	North of DL 2582s, East of the Similkameen River and East of Hwy 3 along the Placer Creek and Lower Placer-Belgie Forest Roads				
Comments	PDP updated for August 2013. Previous resources from Area A were depleted and the pit was re-evaluated in August-September 2012. Proven resources from Areas A, B, and C total 360,000 cubic meters of material.				
	Indefinite road use permit no. 1-0919-07, effective April 30, 2007				

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	53	43	3	8	66	73	9	17					2.665	2.583	1.1	2.1
A	60	37	3	7		61	4	8	18	14			2.695	2.650	1.4	2.3
C	56	37	7	9	35	42										

Legal Land Description

	Description
PIN	Unsurveyed Crown Land in the vicinity of Lot 2582, SDYD
File Num	3408420
Reserve Num	963012
Property File	

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Gold Dust**Development Information**

Pit Dev Plan Month/Year	Oct 2013	Dev Comments	Area B is undeveloped and will require logging, clearing, grubbing and stripping.
Update Required	No		A primary crusher, selective mining and/or crushing and screening will be required to improve fracture and gradation. The working pit face is shallow (2-4 metres).
Last Evaluated Month/Year	Sep 2012		There are two archaeological sites that require a 50 metre no disturbance buffer. The working pit face is shallow (2-4 metres).
		Dev History	Area A was used to supply 2000m3 of Class D GAS and 200m3 of blinding sand in 1999. Area A was used for a paving project in 2003 and experienced some breakdown of the coarse aggregate.
		Constraints	There is a recorded archaeological site DhRd4 and Stockpile 1 and Stockpile 2 shown on the pit development plan that is to be avoided.
		FN Consult	Archaeological Impact Assessment Report was completed by Itkus Heritage consulting and Site DhRd4 was discovered. Contact Philippe Batini - Band Manager of the Upper Similameen Band, Box 310 Keremeos, BC, V0X 1N0 Phone 250 499-2221 Fax 250 499-5117

Material Quantities

Area	Proven	Potential	Approved Usage
B	111,500		PIT, SGSB, WAB
A	200,000		25WGB, CAMA, SGSB
C	57,000		25HFS, PIT

Current Aggregate Inventory

Material	Volume
25OGB 19/25mm open graded base	-88

Exploration History

Month/Year	Completed by	Details
Feb 1995	MoT	39 Test pits were excavated to an average depth of 5 metres.
Jun 1995	MoT	6 Auger holes were completed to an average depth of 8.5 metres
Aug 2012	MoT	13 Test pits were excavated to an average depth of 7 metres.
Sep 2012	MoT	5 Sonic holes were completed to an average depth of 17 metres.
Oct 2012	Golder Associates	Environmental Overview Assessment.
Apr 2015	Golder Associates	Archaeological Impact Assessment of DhRd-4

Site Surveys

Month/Year	Type
Mar 1995	DEM (survey)
Jul 2003	DEM (ortho)

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Gold Dust**Summary Information**

Comments	PDP updated for August 2013. Previous resources from Area A were depleted and the pit was re-evaluated in August-September 2012. Proven resources from Areas A, B, and C total 360,000 cubic meters of material.
	Indefinite road use permit no. 1-0919-07, effective April 30, 2007
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 1 1/2H 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	Is part of a large series of Glacio-Fluvial Terraces consisting of horizontally stratified layers of cobbles, gravels, sands and silts.