



Ministry of Energy, Mines and Petroleum Resources

Sullivan Accident 2006

For more information:

http://www.mediaroom.gov.bc.ca/sullivan_mine/sullivan_mine.htm





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Waste Dump-2004





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Shed/Ditch-2004





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Ditch Rock Fill-2004





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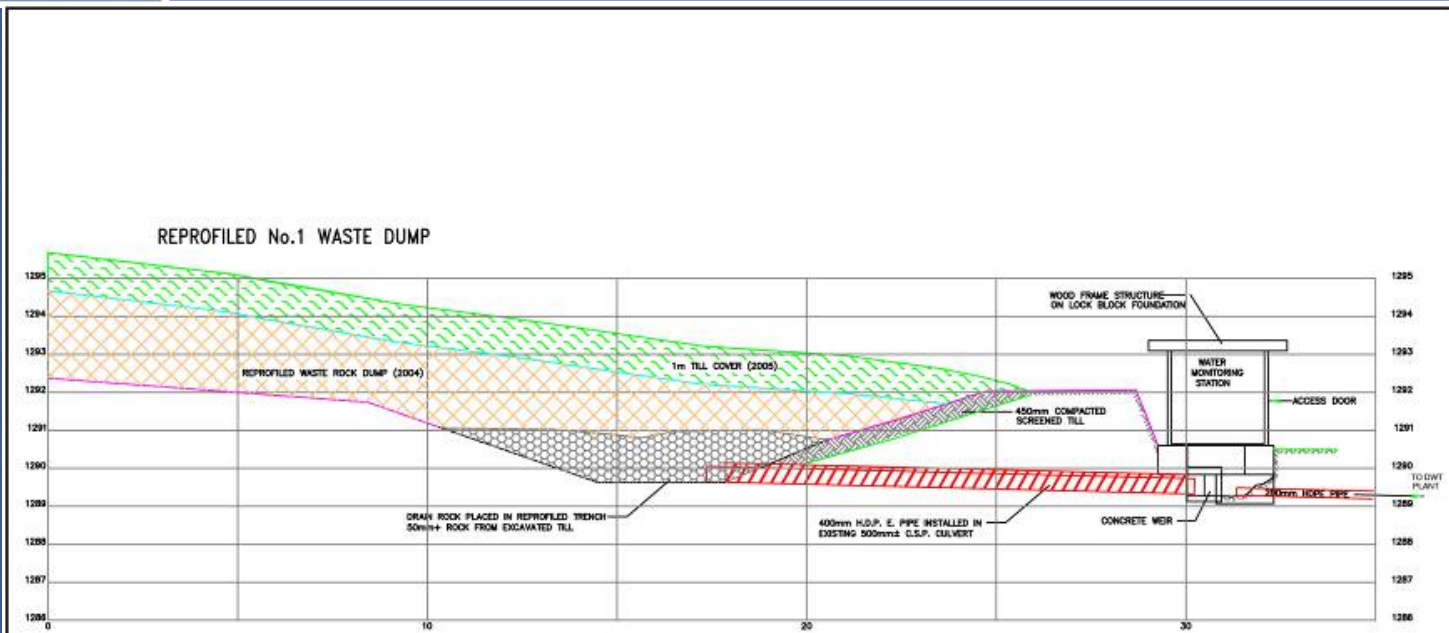
Covered Dump-An Enclosed System





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Dump/Shed Sectional View



teckcominco
Engineering
Kimberley, B.C.

Function	DWT DRAWINGS	
Activity	MINE POST CLOSURE	
Section	SEEPAGE COLLECTION	
Job	No. 1 WASTE DUMP WATER MONITORING SHED ASBUILT	
Scale	1:100 (Metric)	Date
		MAY 24, 2005
		K100A3193



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29.05.2006

• Typical sulphide oxidation within a dump is as follows:



• Additionally, the acid generated results in the following reaction when calcite is encountered either in the underlying sediment or within the cover:





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Air and Gas Compositions

<u>Gas %</u>	<u>Normal Air %</u>	<u>Sump</u>
• Nitrogen	78	91
• Oxygen	21	2
• Carbon Dioxide	0.03	7