

Highland Valley Copper Features Overview

FILE → H.V.C.

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884010

<u>Design</u>	<u>Valley</u>	<u>Lornex</u>
Ore reserves, tonnes, millions	627	135
Cu %	0.42	0.36
Mo %	0.006	0.014
Strip Ratio	0.61	0.82
Mine Area:		
Current	2000 m x 1700 m	2500 m x 1500 m
Ultimate	2500 m x 2000 m	2500 m x 2000 m
Mine Depth:		
Current	300 m	360 m
Ultimate	740 m	460 m
Inter Ramp Slope:		
Rock	31 - 45°	26 - 36°
Overburden	28°	

Combined Valley plus Lornex

<u>Mining</u>	
Total tonnes/day	283,000
Ore milled/day, tonnes	133,000
Cutoff Grade	0.20% Cu equivalent
Personnel: Mine Operations	285
Mine Maintenance	288
Mine Engineering	27
TOTAL	600

Major Mining Equipment

Major Mine Equipment

Combined Valley plus Lornex

<u>Type</u>	<u>Make</u>	<u>Capacity</u>	<u>Number</u>
Haulage Trucks	Caterpillar 789	172 t	20 33
	Unit Rig MK36	154 t	22
Shovels	P&H2800XP/A	25.2 m ³	2
	P&H2300	16.8 m ³	1
	P&H2100	11.5 m ³	4
	B.E.295B	16.8 m ³	3
	B.E.280B	11.5 m ³	1
	B.E.195B	9.9 m ³	1
Drills	B.E. 45RE	270 mm	5
	B.E. 45RD	270 mm	2
Loaders	Caterpillar 992C	9.2 m ³	2
	Le Tourneau L1000	11.7 m ³	1 (see spec)
	Komatsu WD600	5.0 m ³	1
Track Dozers	Cat D10N	-	4
	Cat D9L	-	6
	Cat D8L	-	2
Wheel Dozers	Caterpillar 824C	-	4
Graders	Caterpillar 16G	-	8
Water Trucks	Wabco 120B	80,000 l	6