



LEACH PAD SYSTEM PROYECTO El Abra

Customer	Corporation Nacional del Cobre de Chile (CODELCO)
Plant Location	El Abra (Chile)
Scope of work	Turn-key project





Project Figures

Material:	Leached copper ore
Stacking	9500 t/h
Reclaiming and disposal	8250 t/h
Density of consolidate material after the leach period:	1.65 t/m ³
Nominal capacity:	9,600 t/h
	approx. 6,400 m ³ /h
Bulk density:	min. 1.50 t/m ³

Bucket Wheel Reclaimer

Nominal reclaiming height:	5 m
Nominal travel speed:	approx. 12 m/min
Nominal cutting depth:	1.6 m
Distance between BW centre and centre of discharge pulley:	26.8 m
Service weight:	approx. 500 t
Number of crawlers:	3
Cutting circular diameter:	15 m
Number of buckets:	12
Nominal bucket volume:	2.4 m ³
Number of discharges:	48 min ⁻¹
Main drive power:	710 kW

Belt Conveyor

Belt width:	2200 mm
Belt speed:	4.0 m/s
Troughing angle of top belt:	40 °
Main drive power:	2 x 250 kW

Project Schedule

Commissioning in 1996

Contacts

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