

(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>) / Online Spatial Data (/) / Mineral Resource Data System (MRDS) (/mrds/)

Andina

Producer in Chile with commodities Copper, Gold, Molybdenum, Silver

Map (<https://www.google.com/maps/place/-33.14887,-70.2881/@-33.14887,-70.2881,12z/data=!3m1!1e3>) XML (/mrds/xml/10255176)

JSON (/mrds/json/10255176) KML (/mrds/kml/10255176) A (/mrds/grade-summary.php?dep_id=10255176)

Geologic information

Identification information	
Deposit ID	10255176 (/mrds/show-mrds.php?dep_id=10255176)
MRDS ID	W700669
MAS/MILS ID	3370010001
Record type	Site
Current site name	Andina
Alternate or previous names	Don Luis, Compania Minera Andina Sa., Rio Blanco, Sur Sur Open Pit, Central

Geographic coordinates	
Point of reference	Ore Body
Geographic coordinates:	-70.2881, -33.14887 (WGS84)
Elevation	3070
Location accuracy	1000 (meters)
<i>Political divisions (FIPS codes)</i>	
Chile	(country)
South America	(continent)
Land	(continent)

Geographic areas	
Country	
Chile	

Commodities	
Commodity	Importance
Copper	Primary
Gold	Secondary

Commodity	Importance
Molybdenum	Secondary
Silver	Secondary

Materials information	
Materials	Type of material
Bornite	Unknown
Chalcopyrite	Unknown
Molybdenite	Unknown
Pyrite	Unknown
Tourmaline	Unknown

Nearby scientific data	
Ore Body (1)	Mixed sedimentary-volcanic terrane, Mesozoic (/geology/state/sgmc-unit.php?x=-70.2881&y=-33.14887)
	List (/general/near-point.php?x=-70.2881&y=-33.14887&dep=0&format=702881&y=-33.14887)

Ore body information	
Thickness	14M
Depth to top	2.5M
Width	250M
Area	10HA
Field	Value
Type of Orebody #1	SEDIMENTARY
Shape of Orebody #1	TABULAR
Type of Orebody #2	OTHER
Primary mode of Origin	SEDIMENTATION
Secondary mode of Origin	OTHER
Primary Ore Control	BEDDING
Secondary Ore Control	LITHOLOGY
Degree of Wallrock Alter.	INTENSE
Type of Wallrock Alter. #1	ADV ARGILLIC
Type of Wallrock Alter. #2	INTERM ARGILLIC
Minimum Depth to Top	0
Avg. Thick. Unconsol. Mat.	2.5
Min. Thick. Unconsol. Mat.	0
Total Surface Area (HA)	10
Date of Last Modification	800522

Economic information

Economic information about the deposit and operations	
Operation type	Surface-Underground
Development status	Producer
Commodity type	Metallic
Significant	Yes
Discovery year	1904
Mining method	Caving Methods - Block Caving
Year of first production	1970
Milling method	Flotation

Mining district	
District name	Rio Blanco

Mineral rights holdings	
Type of mineral rights	Federal Lease

Land status	
Ownership category	State

Ownership information	
Type	Owner
Owner	Corporacion Del Cobre De Chile (Codelco-Chile).
Interest	100
Home office	Chile
Year	1993
Type	Operator
Owner	Compania Minera Andina Sa
Home office	Chile
Year	1993

Production statistics	
Year	1975
Description	1.71% Cu, .05 G Au, 4.1 G Ag 4215000 Mt Ore - Mill Feed