



Occurrence Details

Occurrence Number: 105O 015
Occurrence Name: Inca
Occurrence Type: Hard-rock
Status: Deposit
Date printed: 8/6/2025 10:19:41 AM

General Information

Primary Commodities: silver
Secondary Commodities: lead, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°36'20" N - -131°57'35" W
NTS Mapsheet(s): 105O12
Location Comments: .5 Kilometres
Hand Samples Available: Yes
Last Reviewed:

Capsule

Work History

Staked as Inca cl (Y68955) in Oct/72 by a joint venture between Dynasty EL (80%) and Atlas EL (20%), which built a tote road in early 1973 and carried out grid soil sampling, prospecting and bulldozer trenching in 1974. Atlas changed its name to Cima Res L in 1974 and Dynasty changed to Cyprus Anvil Mg Corp in 1975. Control of the property was acquired by Dome Pet L in 1981.

In 1983, the property was sold to Silvercrest Res Corp and Dawson Eldorado Gold EL, which mined 1186 tonnes of surface ore to the end of 1986. Dawson Eldorado changed its name to Dawson Eldorado ML in 1985 and optioned the property to Pacific Trans-Ocean Res L in 1987. Dawson Eldorado ML transferred the Inca cl to Gold City Resources Inc. in Aug/91, and in Aug/93, the Inca cl were transferred to Avanti Minerals Ltd. In Dec/94 Avanti Minerals Ltd. transferred the Inca claims to Avanti Minerals (1994) Inc.

Capsule Geology

Devonian chert, shale and chert pebble conglomerate are cut by vein mineralization similar to the Plata occurrence to the west. The 1974 trenching located more than 10 galena-bearing veins containing galena with high silver to lead ratios. The best exposures were in Zone 7 where a 20 m section of a steeply dipping, northwest-striking fault assayed 27% Pb and 2401 g/t Ag over 1.5 m; and in Zone 12, where a 0.3 to 0.9 m wide lens of massive galena assaying 3773 g/t Ag was exposed in a northeast-trending fault for a length of 40 m.

The ore shipped to the end of 1986, which was mined from the No. 7, 7P, 10, 12 and FF veins, returned 7 646 kg (223 000 oz) of silver.

References

DAWSON ELDORADO MINES LTD, 1985. Annual Report.

DYNASTY EXPLORATION LTD, 1974. Assessment Report *#061092 by W.J. Roberts.

MINERAL INDUSTRY REPORT 1974, p. 18.

NORTHERN MINER, 22 Oct/86; 23 Feb/87.

ROCKHAVEN RESOURCES LTD., News Release, 6 Nov/07.

ROOTS, C., and BRENT, D., 1994a. Geological Framework of West Lake map area (NTS 105N/9), Hess Mountains, east-central Yukon. In: Yukon Exploration and Geology, 1993, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 111-121.

THE MINING LETTER 18 Sep/85.

YUKON EXPLORATION AND GEOLOGY 1983, p. 211.

YUKON MINING AND EXPLORATION OVERVIEW 1986.

Work History

Date	Work Type	Comment
12/31/1983	Other	Surface mining.
12/31/1974	Geochemistry	
12/31/1974	Trenching	
12/31/1974	Other	
12/31/1974	Other	
12/31/1973	Development, Surface	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095668	2008	Assessment Report Describing Diamond Drilling, Excavator Trenching, Geophysical Surveys, Geochemical Sampling, Prospecting and Water Surveys at the Plata Project	Magnetic - Airborne Geophysics, VTEM - Airborne Geophysics, Diamond - Drilling, Silt - Geochemistry, Soil - Geochemistry, Backhoe - Trenching	51	4113
095607	2007	Assessment Report Describing Geophysical Surveys, Geochemical Sampling, Prospecting and Water Surveying at the Plata Project	Magnetic - Airborne Geophysics, VTEM - Airborne Geophysics, Environmental Assessment/Impact - Studies, Photogrammatic - Studies		
093827	1997	1997 Geological Assessment Report on Emerald Lake Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
019829	1973	Northern Mineral Assistance Grant Geochemical, Geological, Cat Trenching and Engineering Evaluation Report on the Plata Group	Soil - Geochemistry, Regional Surficial Mapping - Geology, Line Cutting - Other, Hydraulic - Trenching		
019809	1968	Hess Area Project Proposed Property Follow-Up 1968 Field Season	Research/Summarize - Pre-existing Data		
019033	1968	Atlas Explorations Limited Project Report 1968 Hess River Area	Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		
018947	1967	Hess River Project Report	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
019032	1967	Hess River Project Report	Data Compilation - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016470	Aeromagnetic series map of 1050/12 showing geology		Property File Collection	Geochemical Map