



Occurrence Details

Occurrence Number: 105K 067

Occurrence Name: Lorna

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 10/3/2025 8:30:29 PM

General Information

Secondary Commodities: lead

Deposit Type(s): Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex)

Location(s): 62°26'14" N - -133°46'40" W

NTS Mapsheet(s): 105K05

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Lorna cl 1-60 (Y54099) and Roto cl 1-50 (Y58151) in Aug/70, Jean cl 1-28 (Y58803) in Sep/70 and Aro cl 1-50 (Y59715) in Nov/70 by Cima Resources Ltd and Dynasty Explorations Ltd (later Cyprus Anvil), which carried out ground geophysical surveying and drilled one hole (176 m) in 1970, mapped in 1972 and carried out magnetometer and Turam surveying in 1973. A joint venture was formed with Preussag Canada Ltd, which carried out Turam and gravity surveying in 1976-77 and drilled one hole (337 m) on ARO cl 24 in 1977.

Capsule Geology

The claims are underlain by schists of the Lower Cambrian Mount Mye formation and calc-silicate rocks of the Cambrian to Ordovician Vangorda formation near the contact of the mid-Cretaceous Anvil Batholith. The only mineralization seen was a trace of galena in phyllite during the 1977 drilling.

References

CYPRUS ANVIL MINING CORPORATION, Nov/77. Assessment Report #091250 by G.D. House.

DYNASTY EXPLORATIONS LTD, 1970. Assessment Report *#060969 by W.J. Roberts.

DYNASTY EXPLORATIONS LTD, 1970. Assessment Report *#060970 by W.J. Roberts.

DYNASTY EXPLORATIONS LTD, 1970. Assessment Report *#060971 by W.J. Roberts.

DYNASTY EXPLORATIONS LTD, 1970. Assessment Report *#060972 by J.S. Brock

DYNASTY EXPLORATIONS LTD, Feb/71. Assessment Report #060714 by W.J. Roberts.

DYNASTY EXPLORATIONS LTD, 1971. Assessment Report *#060960 by S.B. Jones.

DYNASTY EXPLORATIONS LTD, 1971. Assessment Report *#060961 by S.B. Jones.

DYNASTY EXPLORATIONS LTD, 1971. Assessment Report *#060967 by W.J. Roberts.

DYNASTY EXPLORATIONS LTD, 1972. Assessment Report *#019824 by J.S. Brock et al.

DYNASTY EXPLORATIONS LTD, 1972. Assessment Report *#019825 by J.S. Brock.

DYNASTY EXPLORATIONS LTD, 1972. Assessment Report *#019827 by W.J. Roberts.

DYNASTY EXPLORATIONS LTD, 1973. Assessment Report *#060128 by J. Klein and M. Lewis.

DYNASTY EXPLORATIONS LTD, 1973. Assessment Report *#061151 by T.J. Adamson.

GEOLOGICAL SURVEY OF CANADA Bulletin 208.

MINERAL INDUSTRY REPORT 1971-72, p. 101-102; 1973, p. 56-57; 1977, p. 66.

PIGAGE, L.C., 2000. Geological map of Rose Mountain (NTS 105K/5 NE), central Yukon (1:25 000 scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 2000-13.

Work History

Date	Work Type	Comment
12/31/1977	Drilling	One hole, 337 m. On Aro 24 claim.
12/31/1976	Ground Geophysics	Also Turam survey.

12/31/1973	Ground Geophysics	Also Turam survey .
12/31/1972	Geology	
12/31/1970	Geochemistry	
12/31/1970	Drilling	One hole, 176 m.
12/31/1970	Geology	
12/31/1970	Geochemistry	
12/31/1970	Ground Geophysics	Also EM and gravity surveys.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
060128	1973	Report of a Turam Electromagnetic Survey Lower Anvil Creek, Faro, Yukon Territory	Magnetics - Ground Geophysics		
019827	1973	Application for Northern Mineral Assistance Grant Proposed Exploration Report Roto-Gran-Lorna-Jean-Aro Claims	Data Compilation - Pre-existing Data		
061151	1973	Report on 1973 Field Work (Linecutting, Ground Magnetometer Survey Turam Electromagnetic Survey) Roto-Gran-Lorna-Jean-Aro Claims	EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
019824	1971	Exploration Report Hoho-Bram and Lorna, Roto, Gran, Jean, Aro Mineral Claim Groups Tintina-Anvil Project 1971	Rotary - Drilling, Historical Drill Core - Geochemistry, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Petrographic - Lab Work/Physical Studies, Prospecting - Other, Data Compilation - Pre-existing Data		
060974	1971	Geologic, Geophysical and Diamond Drilling Report on the Roto-Gran-Lorna-Jean-Aro Claims	Diamond - Drilling, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Process/Interpret - Pre-existing Data	1	175.60
060960	1971	Northern Mineral Exploration Assistance Program Request for Grant Payment Proposed Exploration-1971	Research/Summarize - Pre-existing Data		
060961	1971	Northern Mineral Exploration Assistance Program Request for Grant Payment Proposed Exploration-1971	Research/Summarize - Pre-existing Data		
019825	1971	Geologic, Geophysical and Diamond Drilling Report on the Roto-Gran-Lorna-Jean-Aro Claims Tintina Project	Diamond - Drilling, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Magnetics - Ground Geophysics	1	175.60
060967	1970	Geologic, Geophysical, Geochemical and Diamond Drilling Report on the Lorna Group	Diamond - Drilling, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics	1	175.60
060714	1969	Geologic, Geophysical, Geochemical and Diamond Drilling Report on the Lorna Group	Diamond - Drilling, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics	1	175.60
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC000539	Lorna Mineral Claims Magnetometer Survey		Property File Collection	Geophysical Map
ARMC000544	Geochemical survey map - Cu, Pb, Zn - Lorna claims		Property File Collection	Geochemical Map
ARMC006370	Residual gravity map - Roto claim block		Property File Collection	Geophysical Map
ARMC004896	Residual gravity map with reinterpretation - Lorna mineral claims		Property File Collection	Geophysical Map
ARMC010387	Claim surveys map - C6 - 105K-5		Property File Collection	Geoscience Map (General)
ARMC010388	Roto & Lorna claims - Line cutting map - D6		Property File Collection	Geoscience Map (General)
ARMC010564	Line grid map - Roto claims		Property File Collection	Geoscience Map (General)
ARMC015926	Re-interpretation of Lorna anomalies and recommended drilling - Revised		Property File Collection	Report
ARMC015720	Re-log of LR-1 - Lorna - Lithologic log		Property File Collection	Drill Logs

ARMC015131	Report on a turam electromagnetic survey, Lower Anvil Creek, Faro, Yukon Territory, on behalf of Dynasty Explorations Limited	Property File Collection	Report
ARMC016405	Orthophoto map - Sheet No. C-6 - Anvil Range mining district	Property File Collection	Geoscience Map (General)
ARMC015934	Geology map - Lorna claims	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016738	Geological map - 105K/5 - Rose Mountain	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016372	Geology map of C-6 - 105K/05 - Revised June 18 1980	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015932	Air photo overlay showing position of Lorna grid - A12282-41	Property File Collection	Geoscience Map (General)
ARMC016981	Summary report and proposed exploration - Anvil area, Yukon	Property File Collection	Report
ARMC015639	1970 Yukon gravity program on the Lorna, Jean, Owl, Roto, Sun & Gran claims for Atlas Explorations Limited	Property File Collection	Report
ARMC015933	Sketch claim map - Lorna group	Property File Collection	Geoscience Map (General)
ARMC015931	Sketch map showing cutt lines and ground magnetic contours - Lorna group	Property File Collection	Geophysical Map
ARMC015930	Sketch map showing isomagnetic contour and em conductor - Lorna	Property File Collection	Geophysical Map
ARMC015935	Map collection - Jean mineral claims - 1970	Property File Collection	Geoscience Map (General)
ARMC011211	Ground magnetometer survey map - Gamma values - Lorna mineral claims	Property File Collection	Geophysical Map
ARMC015927	Magnetometer survey field notes - Sharpes MF-1 - Lorna group	Property File Collection	Miscellaneous Company Documents
ARMC015886	Progress report 1977 - Lower Anvil Creek Joint Venture - for Cyprus Anvil Mining Corporation and Preussag Canada Ltd.	Property File Collection	Report
ARMC011208	Compilation contours map - Gravity, magnetic and geochemical - Lorna claims	Property File Collection	Geophysical Map
ARMC011234	Compilation map - Topography, gravity profile, EM-16, mag profile, geochem - Line 24W - Lorna mineral claims	Property File Collection	Geophysical Map
ARMC015928	Geochem field notes - Soil samples - Lorna	Property File Collection	Miscellaneous Company Documents
ARMC015736	Condensed geologic log - DDH J1, J2, J3, J4 and notes - Northwest Next Creek	Property File Collection	Drill Logs
ARMC015925	Correspondence and charts re: Lorna claims	Property File Collection	Miscellaneous Company Documents
ARMC015924	Correspondence and notes re: Lorna claims	Property File Collection	Miscellaneous Company Documents
ARMC020870	Geophysical interpretation - Faro - C6 - Project No. J9650 - Map Ref. 1-2	Property File Collection	Geophysical Map
ARMC020871	Total magnetic intensity - Faro - C6 - Project No. J9650 - Map Ref. 1-3	Property File Collection	Geophysical Map
ARMC020872	Vertical magnetic gradient - Faro - C6 - Project No. J9650 - Map Ref. 1-4	Property File Collection	Geophysical Map
ARMC020873	Apparent resistivity - 4175 Hz coplanar - Faro - C6 - Project No. J9650 - Map Ref. 1-5	Property File Collection	Geophysical Map
ARMC020874	Apparent resistivity - 4600 Hz coaxial - Faro - C6 - Project No. J9650 - Map Ref. 1-6	Property File Collection	Geophysical Map
ARMC015421	Lower Anvil Creek joint venture - Progress report - 1976	Property File Collection	Report
ARMC020490	Field notebook - Target Locations - Lorna group	Property File Collection	Miscellaneous Company Documents
ARMC016740	Geology map - 105K/5 - Rose Mountain	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011210	EM-16 survey - In-phase and quadrature response - Lorna mineral claims	Property File Collection	Geophysical Map
ARMC011209	EM-16 survey - Profile map - Lorna claims	Property File Collection	Geophysical Map
ARMC015929	Field notes - Lorna	Property File Collection	Miscellaneous Company Documents
ARMC015923	Bouguer gravity map - Lorna claims	Property File Collection	Geophysical Map
ARMC015922	Certificate of analysis and analytical geochemical work sheets - Lorna	Property File Collection	Assays

ARMC015422	Diamond drill core log - Hole number 70 LA-1 - Tintina/Lorna		Property File Collection	Drill Logs
ARMC015423	Diamond drill core log - Hole number 77 LA-1 - Lower Anvil joint venture (Cyprus Anvil/Preussag Canada)		Property File Collection	Drill Logs
ARMC015424	Diamond drill core log - Hole number 77 LA-2 - Lower Anvil joint venture		Property File Collection	Drill Logs
ARMC015722	Diamond drill core logs - Lower Anvil joint venture - (Cyprus Anvil/Preussag Canada) - Holes 77-LA-1, 77-LA-2 and 70-LA-1		Property File Collection	Drill Logs
ARMC021047	C-6 grid map - Lower Anvil grid		Property File Collection	Geoscience Map (General)
ARMC021089	Gravity data maps - Lorna claims 70-164		Property File Collection	Geophysical Map
ARMC021091	Residual gravity map - Lorna claims		Property File Collection	Geophysical Map
ARMC021094	Surface elevation map - Lorna claims		Property File Collection	Geoscience Map (General)
ARMC021095	Gravity residual map - Lorna claims		Property File Collection	Geophysical Map