



Occurrence Details

Occurrence Number: 105K 064

Occurrence Name: Jacola

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 4/28/2025 8:00:03 PM

General Information

Secondary Commodities: lead, silver, zinc

Deposit Type(s): Plutonic Related Au

Location(s): 62°23'44" N - -133°30'41" W

NTS Mapsheet(s): 105K05

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Hill cl 1-32 and Rust cl (99509) in Feb/66 by Jacola Mines Ltd, which carried out airborne magnetometer and EM surveying later in the year. The claims were optioned in early 1967 by Hecla Mining Company of Canada Ltd, which carried out geological mapping, soil geochemical, ground magnetometer and IP surveying in 1967; gravity surveying in 1969; and drilled 4 holes (916.8 m) in 1970.

The neighbouring Cash cl 1-24 (94590) to the south were staked in Nov/65 by Slocan Ottawa Mines Ltd, which carried ground magnetometer and EM surveying in 1966 and were restaked by Hecla as Fubar cl 1-36 (Y20447) in Jul/67 and Heck cl 1-24 (Y25554) in Jul/68. Hecla carried out limited bulldozer trenching in 1973 and Turam surveying in 1975 in a joint venture with Cyprus Anvil Mining Corporation.

The west end of the Rust group was restaked as Mabel cl 1-40 (Y92450) in Mar/75 by Vangorda Project (Welcome North Mines Ltd and Getty Mines Ltd), which carried out geological mapping, geochemical, magnetometer, EM and gravity surveying in 1975-76. The remainder of the Rust and Hill group were restaked in Oct/75 as Knob cl 1-43 (YA3826) by Knobby Lake Mines Ltd.

Restaked as RV cl 1-165 (YBI2498) in Dec/87 by Curragh Resources Inc, which acquired the adjoining Hecla claims to the south and carried out geological mapping in 1988 and 1989. In Nov/94 Anvil Range Mining Corporation acquired all claims owned by Curragh following the bankruptcy of the latter.

Anvil Range undertook a compilation study, between Aug/97 and Feb/98, to gather together all known geological data, including standardizing geological map units and accurately locating drill holes located within and surrounding their claim holdings. Only two reports, both of which cover claims assigned to this occurrence, were completed before Anvil Range encountered financial difficulties and terminated the project.

In Jan/98 Anvil Range filed for court protection in order to restructure the company. In Jan/99 Anvil Range's stock was delisted and the company entered bankruptcy proceedings.

Capsule Geology

The claims are underlain by schists and calc-silicate rocks of the Lower Cambrian Mount Mye formation, intruded to the north by the Cretaceous Anvil Batholith. Greenstone and marble lenses are common in both units and small pyroxenite bodies were reported. Two float samples found near the largest gravity anomaly on the Hecla claims, which assayed 3.0% Pb, 2.1% Zn and 192.0 g/t Ag, and 1.5% Pb, 0.8% Zn and 61.7 g/t Ag, were probably derived from veins.

The 1970 drilling intersected several skarn zones with visible pyrite, pyrrhotite, sphalerite, galena and chalcopyrite. Reported assays for these intervals were low.

References

ANVIL RANGE MINING CORPORATION, Jun/98. Assessment Report #093833 by G.A. Jilson.

ANVIL RANGE MINING CORPORATION, Sep/98. Assessment Report #093888 by G.A. Jilson.

CURRAGH RESOURCES INC, May/89. Assessment Report *#092732 by L.C. Pigage.

CYPRUS ANVIL MINING CORPORATION, 1975. Assessment Report *#090077 by P.E. Walcott.

DYNASTY INVESTMENTS LTD, 1966. Assessment Report *#060717 by C.K. O'Connor.

HECLA MINING COMPANY OF CANADA LTD, 1967. Assessment Report *#018974 by R.J. Cathro.

HECLA MINING COMPANY OF CANADA LTD, 1967. Assessment Report *#018975 by R.K. Watson.

HECLA MINING COMPANY OF CANADA LTD, 1969. Assessment Report *#060174 by W.G. Crook and W.T. Salt.

HECLA MINING COMPANY OF CANADA LTD, Jul/70. Assessment Report #091232 by G.D. House.

HECLA MINING COMPANY OF CANADA LTD, 1970. Assessment Report *#090949 by G.D. House.

MINERAL INDUSTRY REPORT, 1976, p. 158-159.

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.

SLOCAN OTTAWA MINES LTD, 1966. Assessment Report *#017526 by D. Poliquin.

VANGORDA PROJECT, Jan/76. Assessment Reports #061507 and #061508 by J.S. Brock.

VANGORDA PROJECT, Feb/77. Assessment Report #091230 by F. Foster and J.S. Brock.

Work History

Date	Work Type	Comment
12/31/1989	Geology	
12/31/1988	Geology	
12/31/1975	Geology	
12/31/1975	Geochemistry	
12/31/1975	Ground Geophysics	Also magnetic and gravity surveys into 1976.
12/31/1973	Trenching	Trenching on the Hill, Rust, Fubar and Heck claims.
12/31/1970	Drilling	Four holes, 916.8 m. Drilling on the Hill and Rust claims.
12/31/1969	Ground Geophysics	
12/31/1967	Geology	
12/31/1967	Geochemistry	
12/31/1967	Ground Geophysics	Also IP survey.
12/31/1966	Airborne Geophysics	Also magnetic survey.
12/13/1998	Pre-existing Data	Company compiled all data acquired to date.
12/13/1966	Ground Geophysics	Also magnetic survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093888	1998	Geological Report on 328 Claims in the Anvil District including: 3 Carol, 1 Da, 89 Gal, 2 Heck, 3 Hek, 3 Joe, 22 Kay, 7 Ko, 10 Lea, 13 Miami, 4 Mo, 1 Que Fr, 5 Rich, 4 Roc, 100 Rv, 2 Sb, 8 Sea, 22 Sun, 12 Swim, 4 Tie, 11 Whi Fr., and 2 Whif Fr.	Regional Bedrock Mapping - Geology		
093833	1997	Geological Report on the RV 66 to 92 incl. (YB12563-YB12589), RV 110-133 incl. (YB12608-YB13631) and RV 140-165 incl. (YB12638-YB12663) Claims	Data Compilation - Pre-existing Data		
092840	1989	Geology of the Faro Northwest Area Report on Fieldwork 1989	Detailed Bedrock Mapping - Geology		
092597	1988	1988 Orthophoto Map for Rose Creek Area	Orthophoto - Airphotography		
092732	1988	Geological and Drilling Report Northwest of the Faro Mine Site	Diamond - Drilling, Detailed Bedrock Mapping - Geology	1	303.60
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
090949	1970	Drill Logs for Drilling on Rust Hill claims	Diamond - Drilling	4	916.84
091232	1970	Diamond Drilling Log	Diamond - Drilling	4	916.80
060174	1969	Gravity Interpretation of Hill-Rust Claims Group	Gravity Survey - Ground Geophysics		
018974	1967	Geological and Geochemical Survey Hill and Rust Claims Anvil-Vangorda District, Yukon	Soil - Geochemistry, Bedrock Mapping - Geology		
018975	1967	Report on a Combined Geophysical Survey on the Rust-Hill Property	EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		
060717	1966	Report on Airborne Geophysical Survey Hill and Rust Claims	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
A DMC 000110			Drainage File	

ARMC000225	Ground Magnetometer Survey Map - Rust Hill Property - Plate 1	Property File Collection	Geophysical Map
ARMC000537	Hill Rust Project Magnetometer Survey	Property File Collection	Geophysical Map
ARMC000344	Geology Map - Hill-Rust Claims	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC001862	Turam electromagnetic survey map - Hek grid	Property File Collection	Geophysical Map
ARMC001773	Induced polarization survey map - Resistivity profiles - Faro area	Property File Collection	Geophysical Map
ARMC001774	Induced polarization survey map - Wenner array depth determination - Hill claims - Faro area	Property File Collection	Geophysical Map
ARMC001775	Induced polarization survey map - chargeability profiles - Faro area	Property File Collection	Geophysical Map
ARMC008050	Airborne magnetic survey map - Sheet D6	Property File Collection	Geophysical Map
ARMC008051	Airborne magnetic survey map - Sheet E6	Property File Collection	Geophysical Map
ARMC010716	Magnetometer survey map - Hek grid - Faro area	Property File Collection	Geophysical Map
ARMC017121	Report on an induced polarization survey - Faro Area, Yukon - on behalf of Hecla Mining Co.	Property File Collection	Report
ARMC017120	Report on Hill-Rust property - Faro area, Whitehorse M.D., Yukon Territory for Granger Petroleum Corporation N.L.	Property File Collection	Report
ARMC015884	Report re: Faro Northwest on 40 samples of intrusive rocks, pelitic and calc-silicate schists	Property File Collection	Report
ARMC015885	Report on Faro NW exploration AFE	Property File Collection	Report
ARMC016738	Geological map - 105K/5 - Rose Mountain	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC017111	Geology map - Mabel 1-49 & Eva 40-47 claims - Vangorda 1975 project - Plate 11 with notations	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016177	Notes on hole 76 VI-1	Property File Collection	Miscellaneous Company Documents
ARMC016176	Notes on Hole 76 VM-1 with rock geochem and structural log - Mabel	Property File Collection	Miscellaneous Company Documents
ARMC016183	Notes on hole 76 VM-2 - Mabel	Property File Collection	Miscellaneous Company Documents
ARMC016184	Notes on hole 76 VM-3 - Mabel	Property File Collection	Miscellaneous Company Documents
ARMC015883	Maps of Mount Mye and Rose Mountain with Hill Rust claims notations	Property File Collection	Geoscience Map (General)
ARMC010715	Geological map - Hek grid - Faro area - Fig. 1	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015881	Geological map - Hill-Rust property - Faro area - Figure 3	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016397	Geological Map - Hill-Rust property - Faro area, Yukon - Figure 3	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016883	Geology map 7 - Aho Ridge - Drawing No. AN-FN-89-003 - Anvil area	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015939	Hill Rust property airborne survey map - Two copies	Property File Collection	Geoscience Map (General)
ARMC016885	Structure map 7 - Aho Ridge - Drawing No. AN-FN-89-005 - Anvil area	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016174	Structures log - Hole 76 VM-1	Property File Collection	Drill Logs
ARMC015472	Summary report - Hill-Rust group (Jacola Mines Ltd.) for Hecla Operating Co.	Property File Collection	Report
ARMC017122	Summary report - Hill-Rust group (Jacola Mines Ltd.) for Hecla Operating Company	Property File Collection	Report
ARMC015882	Geology plan map - Hill Rust project	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015880	Geology plan map - Hill Rust project - Figure 3	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015938	Sketch geology claim map of Hill-Heck-Rust property	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC017056	Map Sheet 105K/6 - key map of silt sampling	Property File Collection	Geochemical Map

ARMC01593 Z	Interpretation of gravity data - Rose Creek area	Property File Collection	Report
ARMC01071 4	Soil geochemistry map - Hek grid - Faro area - Fig. 2	Property File Collection	Geochemical Map
ARMC01711 6	Compilation profile along line 244W - Mabel 1-48 & Eva 40-47 claims - Vangorda 1976 project - Fig. 8	Property File Collection	Geoscience Map (General)
ARMC01711 8	Compilation profile along line 252+00W - Mabel 1-48, Eva 40-47 - Vangorda project - Fig. 9	Property File Collection	Geoscience Map (General)
ARMC01711 9	Compilation profile along line 276+00W - Mabel 1-48, Eva 40-47 - Vangorda project - Fig. 10	Property File Collection	Geoscience Map (General)
ARMC02087 5	Geophysical interpretation - Faro - D6 - Project No. J9650 - Map Ref. 1-2	Property File Collection	Geophysical Map
ARMC02087 6	Total magnetic intensity - Faro - D6 - Project No. J9650 - Map Ref. 1-3	Property File Collection	Geophysical Map
ARMC02087 Z	Vertical magnetic gradient - Faro - D6 - Project No. J9650 - Map Ref. 1-4	Property File Collection	Geophysical Map
ARMC02087 8	Apparent resistivity - 4175 Hz coplanar - Faro - D6 - Project No. J9650 - Map Ref. 1-5	Property File Collection	Geophysical Map
ARMC02087 9	Apparent resistivity - 4600 Hz coaxial - Faro - D6 - Project No. J9650 - Map Ref. 1-6	Property File Collection	Geophysical Map
ARMC01593 6	Gravity interpretation of the Hill-Rust claims group - Rose Creek area	Property File Collection	Report
ARMC01587 Z	Drilling report - Northwest of the Faro mine site	Property File Collection	Report
ARMC01674 0	Geology map - 105K/5 - Rose Mountain	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC01711 Z	DDH 6VM-1 compilation profile map - Mabel grid 256+00W, 07+50N - Vangorda 1976 project - Fig. 5	Property File Collection	Geoscience Map (General)
ARMC01711 5	DDH 6VM-3 compilation profile map - Mabel grid 244+00W, 10+00N - Vangorda 1976 project - Fig. 7	Property File Collection	Geoscience Map (General)
ARMC01587 8	Diamond drill core logs, lithologic logs - DDH 89FX-01A, 89FX-02, 89FX-03, 89FX-04 - Faro Northwest	Property File Collection	Drill Logs
ARMC01587 6	Diamond Drill Core Logs, Lithologic logs, notes and sketch maps - DDH 88FX-01 - Faro Northwest exploration	Property File Collection	Drill Logs
ARMC02108 0	Survey data - Hecla project	Property File Collection	Miscellaneous Company Documents
ARMC02108 1	Letter, notes, and data sheets Re: 1969 gravity meter calculation sheets - Hill-Rust property	Property File Collection	Miscellaneous Company Documents