



Occurrence Details

Occurrence Number: 105K 088
Occurrence Name: Sirola
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 7:48:42 AM

General Information

Deposit Type(s): Unknown
Location(s): 62°10'0" N - -132°57'6" W
NTS Mapsheet(s): 105K02
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as JB cl 1-10 (86074) in Apr/64 by Kerr Addison Mines Ltd, following an airborne magnetometer survey. Kerr Addison carried out EM, magnetometer, gravity, SP and geochemical surveying before allowing its claims to lapse.
Surrounded within a block of Pea cl 1-44 (86296) in May/64 by Dynasty Explorations Ltd, which carried out geophysical surveying later in the year.
Restaked as PB cl 3-10 (Y51809) in Apr/70 by Spartan Exploration Ltd, and as BP cl 1-10 (Y66205) in May/72 abd DP cl 1-8 (Y76311) in Oct/72 by Anvil Mining Corporation Ltd, which carried out geophysical surveying and drilled 2 holes (280.7 m) on claims DP2 and DP5 in 1973. The claims were transferred to Cyprus Anvil Mining Corporation in 1975, which carried out Turam surveying in 1977 and drilled 1 hole (922 m) on claim BP cl 1 and 1 hole (493.5 m) on the Pea claims in 1980.
Control of Cyprus Anvil was sold to Hudson's Bay Oil and Gas Ltd and subsequently to Dome Petroleum Ltd in 1981. Dome's interest was sold in 1985 to Curragh Resources Inc. F. Charlie and A. John staked Pelly cl 1-18 (YB12737) 1 km to the southwest in Dec/87 and optioned them to Welcome North Mines Ltd which carried out geological mapping and prospecting in 1988. In Nov/94 Anvil Range Mining Corporation acquired all claims owned by Curragh following the bankruptcy of the latter.
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 occur in an area of extensive overburden but are underlain by Lower Cambrian schist and phyllite of the Mount Mye formation and calcareous phyllite of the Cambrian to Ordovician Vangorda formation. Kerr Addison identified a cluster of small EM anomalies and two weak, non-coincident SP anomalies. The drilling intersected graphitic and pyritic sericite and biotite schist with bands of calc-silicate and greenstone containing weakly disseminated pyrite and a trace of pyrrhotite. The 1980 hole was drilled for stratigraphic purposes and intersected unmineralized phyllite with quartz-pyrrhotite alteration overprinting.

References

ANVIL MINING CORPORATION LTD, 1966. Assessment Report *#018951 by R.S. Adamson.
CYPRUS ANVIL MINING CORPORATION, 1974. Assessment Report *#061086 by P.E. Walcott.
CYPRUS ANVIL MINING CORPORATION, Jul/80. Assessment Report #090947 by J.W. Mustard.
CYPRUS ANVIL MINING CORPORATION, 1980. Assessment Report *#090644 by J.W. Mustard.
DYNASTY EXPLORATIONS LTD, 1964. Assessment Report *#018955 by J.S. Brock and A.E. Aho.
DYNASTY EXPLORATIONS LTD, 1964. Assessment Report *#018956 by J.F. Fairley and A.E. Aho.
KERR ADDISON MINES LTD, Mar/65. Assessment Report #017550 by W.M. Sirola.
PIGAGE, L.C., 2000. Geological map of Swim Lakes (NTS 105K/2 W), central Yukon (1:25 000 scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 2000-6.
WELCOME NORTH MINES LTD, Jan/89. Assessment Report *#092620 by J. McClintock.
YUKON EXPLORATION AND GEOLOGY 1981, p. 154.

Work History

Date	Work Type	Comment
12/31/1980	Drilling	One hole, 922 m.
12/31/1977	Ground Geophysics	Turam survey.
12/31/1973	Drilling	Two holes, 2,80.7 m.
12/31/1965	Geochemistry	
12/31/1965	Ground Geophysics	Also magnetic, gravity and Self-Potential surveys.

12/31/1964	Airborne Geophysics	
12/13/1974	Ground Geophysics	

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		
092108	1976	[Aerial Photography of MN 1-35 Claims]	Orthophoto - Airphotography		
061086	1974	A Preliminary Report on a Gravity Survey	Gravity Survey - Ground Geophysics		
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		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		
018956	1965	Geology and Mineral Deposits of the Vangorda District, Central Yukon	Regional Bedrock Mapping - Geology, Data Compilation - Pre-existing Data		
017550	1964	Report on the Magnetic, Electromagnetic, Self-Potential and Gravity Surveys of the J.B. 1-10	EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Self-Potential - Ground Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC001883	Turam electromagnetic survey map - Pea-BP-DP grid		Property File Collection	Geophysical Map
ARMC006795	Soil geochemistry map - G-6		Property File Collection	Geochemical Map
ARMC003772	Spreadsheet - IPEA-B.P. D.P.		Property File Collection	Geophysical Map
ARMC007915	Electromagnetic survey map - Drawing no. EWX-34 - Dy-Lea group		Property File Collection	Geophysical Map
ARMC007918	Magnetometer survey map - Drawing no. EWB-17 - Pea Group		Property File Collection	Geophysical Map
ARMC008704	Self potential survey map - "D" group - J.B. claims		Property File Collection	Geophysical Map
ARMC008705	Bouguer anomaly map - Anomaly D - "J.B." group		Property File Collection	Geophysical Map
ARMC008706	Bouguer anomaly map - "D" anomaly group - J.B. group project - United Geophysical Co. of America P.588		Property File Collection	Geophysical Map
ARMC008707	E.M. survey map - "D" group - J.B. claims		Property File Collection	Geophysical Map
ARMC008708	Magnetic survey map - D. Group - J.B. claims		Property File Collection	Geophysical Map
ARMC008709	Correspondence Re: Swim Lakes D group anomaly		Property File Collection	Miscellaneous Company Documents
ARMC007925	Ground magnetic map - MF-1 1973 - Lea, Pea		Property File Collection	Geophysical Map
ARMC007929	Contour plot map - Magnetometer survey - Pea, Lea, D.P. claims		Property File Collection	Geophysical Map
ARMC007930	Electromagnetic survey map - Drawing no. EWB-18 - Pea Group		Property File Collection	Geophysical Map
ARMC011547	Magnetometer survey map - Pea group - Drawing No. EWB-20 - File 10		Property File Collection	Geophysical Map
ARMC015109	Memo - Trenching on Kay claims		Property File Collection	Miscellaneous Company Documents
ARMC011769	Soil sampling survey - Pea group northeast		Property File Collection	Geochemical Map
ARMC011768	Soil sampling survey - Pea group southeast		Property File Collection	Geochemical Map
ARMC011770	Soil sampling survey - Zinc - Pea group southeast		Property File Collection	Geochemical Map
ARMC011771	Soil sampling survey - Zinc - Pea group southeast		Property File Collection	Geochemical Map

ARMC011 545	Map - Pea grid - Drawing No. FB-4 - File 14	Property File Collection	Geoscience Map (General)
ARMC011 549	Pea grid geology map - Drawing No. FB-5 - File 14	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018 895	Four connected air photos plus overlays - 6 898 000 mN 603 000 mE - G6-3 (E 1/2) - Swim	Property File Collection	Geoscience Map (General)
ARMC018 896	Five connected air photos plus overlays - 6 898 000 mN 599 000 mE - G6-3 (E 1/2) - Swim	Property File Collection	Geoscience Map (General)
ARMC018 897	Four connected air photos plus overlays - 6 898 000 mN 601 000 mE - G6-3 (E 1/2) - Swim	Property File Collection	Geoscience Map (General)
ARMC018 951	Air photo with overlay - C-8 - Swim Lake area	Property File Collection	Geoscience Map (General)
ARMC018 952	Air photo with two overlays - C-6	Property File Collection	Geoscience Map (General)
ARMC016 189	Lithologic log - DDH 74X-07 - Dea and Kay	Property File Collection	Drill Logs
ARMC018 964	Air photo with overlay - B-8	Property File Collection	Geoscience Map (General)
ARMC018 971	Air photo with overlay - B-9	Property File Collection	Geoscience Map (General)
ARMC018 116	Turam sketch map - Lea, Pea, etc. grid - Mor claims	Property File Collection	Geophysical Map
ARMC011 748	Gravity survey - Contours of surface elevations map - Pea-BP-DP grid - Map No. W-176-5 - To accompany a report by Peter E. Walcott	Property File Collection	Geophysical Map
ARMC011 771	Gravity survey - Lea-Pea grid	Property File Collection	Geophysical Map
ARMC011 760	Gravity survey - Profiles of Bouguer gravity and elevations - Pea-BP-DP grid - Map No. W-176-2 - To accompany a report by Peter E. Walcott dated Aug 1974	Property File Collection	Geophysical Map
ARMC011 773	Mag. grid - Hand-drawn - Pea, Lea, DP	Property File Collection	Geophysical Map
ARMC016 723	Geology map - 105K/2 - Swim Lakes	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016 724	Geology map - 105K/2 - Swim Lakes	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC020 893	Base topographic map - Faro - G6 - Project No. J9650 - Map Ref. 1-1	Property File Collection	Geoscience Map (General)
ARMC020 894	Total magnetic intensity - Faro - G6 - Project No. J9650 - Map Ref. 1-3	Property File Collection	Geophysical Map
ARMC020 895	Vertical magnetic gradient - Faro - G6 - Project No. J9650 - Map Ref. 1-4	Property File Collection	Geophysical Map
ARMC020 896	Apparent resistivity - 4175 Hz coplanar - Faro - G6 - Project No. J9650 - Map Ref. 1-5	Property File Collection	Geophysical Map
ARMC020 897	Apparent resistivity - 4600 Hz coaxial - Faro - G6 - Project No. J9650 - Map Ref. 1-6	Property File Collection	Geophysical Map
ARMC011 767	Magnetometer survey - Contour interval 100 gammas - Pea group southeast	Property File Collection	Geophysical Map
ARMC018 240	Claim surveys map - Final version - G-6 - 105K/2	Property File Collection	Geoscience Map (General)
ARMC011 546	Electromagnetic survey map - Pea group - Drawing No. EWB-19 - File 10	Property File Collection	Geophysical Map
ARMC020 548	Field notebook - Pea grid traverse	Property File Collection	Miscellaneous Company Documents
ARMC020 591	Magnetometer field notes - Pea group	Property File Collection	Miscellaneous Company Documents
ARMC018 748	Topographic map with notations - 105K/2 - G-6	Property File Collection	Geoscience Map (General)
ARMC018 750	IP lines - Map G-6 with notations - Swim Lake	Property File Collection	Geophysical Map
ARMC017 924	Staking sketch showing PR1, PR2 FR. mineral claims - Map No. 924-74	Property File Collection	Geoscience Map (General)
ARMC018 892	Air photo with overlay NW60879 24 - G6-3 (E 1/2) Swim	Property File Collection	Geoscience Map (General)
ARMC018 893	Air photos with overlays - 6 897 000 mN, 602 000 mE - G6-3 (E 1/2) - Swim	Property File Collection	Geoscience Map (General)
ARMC018 894	Five connected air photos plus overlays - 6 896 000 mN 603 000 mE - G6-3 (E 1/2) - Swim	Property File Collection	Geoscience Map (General)
ARMC021 018	Field notes - Elevation book #2 - Pea, B.P, D.P - G-6	Property File Collection	Miscellaneous Company Documents

ARMC021019	Field notes - Elevation book #1 - Pea, B.P, D.P - G-7	Property File Collection	Miscellaneous Company Documents
ARMC021020	Gravity data - Pea, B.P, D.P - G-6	Property File Collection	Miscellaneous Company Documents
ARMC021021	Gravity data - Output from merge of gravity and station location data - Conversion of digitized station location data - Pea, B.P, D.P - G-6 - W-176	Property File Collection	Miscellaneous Company Documents
ARMC021022	Elevation data - Lea-Pea - G-6 - 1977	Property File Collection	Miscellaneous Company Documents
ARMC021023	Gravity data - Lea-Pea - G-6 - 1977	Property File Collection	Miscellaneous Company Documents
ARMC021024	Gravity profiles - Lea-Pea - G-6 - 105-K-2	Property File Collection	Geophysical Map
ARMC021025	Gravity data - Output from merge of gravity and station location data - Conversion of digitized station location data - Lea-Pea - G-6	Property File Collection	Miscellaneous Company Documents
ARMC021026	Notes with sketch line grid maps - Pea, B.P, D.P - G-6	Property File Collection	Miscellaneous Company Documents
ARMC021027	Elevation and gravity notes with sketch line grid map - Lea-Pea	Property File Collection	Geoscience Map (General)
ARMC021028	Gravity reduction - Pea-BPDP grid; Terrain correction - Faro - #10 G-6 -1978	Property File Collection	Miscellaneous Company Documents
ARMC021029	Gravity reduction - Lea-Pea grid; Terrain correction - Faro - #2 G-6 -1979	Property File Collection	Miscellaneous Company Documents
ARMC021061	Bouguer gravity profile - Pea, B.P, D.P - G-6	Property File Collection	Geophysical Map
ARMC021074	Gravity survey maps - Contours and profiles of Bouguer gravity and elevations - Pea, B.P., D.P. claims; Swim Lake area	Property File Collection	Geophysical Map
ARMC021098	Gravity data notes and sketches on Faro, Sun, Dea-Kay, Gal, DY, Pea, B.P., D.R., Fat, Tie, Rich, Sea East	Property File Collection	Miscellaneous Company Documents