



Occurrence Details

Occurrence Number: 105K 034

Occurrence Name: Adamson

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/15/2025 1:05:47 PM

General Information

Secondary Commodities: copper, lead, zinc

Aliases: Ace

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

Location(s): 62°21'2" N - 132°53'20" W

NTS Mapsheet(s): 105K07

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Ace cl 11-88 (90965) in Nov/64 by Dynasty Exploration Ltd, following an aeromagnetic survey. Dynasty conducted ground magnetics and EM surveying and soil geochemical sampling in 1964 and 1965. In Mar/65, a joint venture was formed with Cyprus Mines Ltd and the claims were transferred later in the year to a new company, Anvil Mining Corporation Ltd. Anvil drilled 4 holes (599.2 m) in 1966 and carried out magnetometer and IP surveying and drilled another 2 holes in 1967.

Restaked in Oct/71 as Mag cl 1-24 (Y62926) by Spartan Exploration Ltd in a joint venture with Preussag A.G. Metall and carried out geological mapping, geochemical, magnetometer and IP surveying in 1972. Restaked in Mar/73 as Lisa cl 1-28 (Y75073) by Ridgemont Mining Corporation Ltd (Cyprus), which carried out geological mapping in 1973, and geochemical soil sampling, geological mapping, gravity and EM surveying in 1974 and 1975. The claims were then transferred to Cyprus Anvil Mining Corp which added the Fin cl 1-54 (YA4213) in Apr/76 and carried out Turam and gravity surveying later in the year. In 1977, Cyprus Anvil entered a joint venture with Metallgesellschaft Canada Ltd and carried out additional gravity surveying.

Capsule Geology

The 1964 staking protected an aeromagnetic anomaly 8 km long and up to 600 m wide. Further work showed that EM anomalies were also present but were not coincident with the magnetic anomaly. The 1966 drilling cut unmineralized limy graphitic phyllite of the Ordovician to Devonian Swim Lakes formation in the three northernmost holes. The southernmost hole cut sericite phyllite of the Lower Cambrian Mount Mye formation, 49 m of which contained minor galena, sphalerite, chalcopyrite, pyrite and pyrrhotite in the foliation. Both 1967 drill holes also cut the lower Cambrian Mount Mye formation. An exposure of crystalline schist 450 m south of the anomaly produced abundant float containing chalcopyrite and pyrrhotite. Ridgemont reported minor chalcopyrite with pyrrhotite in quartz-rich phyllite from four separate localities. The host rocks have been assigned to the Lower Cambrian Mount Mye formation.

References

AHO, A.E., Apr/66. Exploration in Anvil-Vangorda District. Western Miner, p. 127-148.

ANVIL MINING CORPORATION LTD, Sep/66. Assessment Report #091255 by R.S. Adamson.

ANVIL MINING CORPORATION LTD, 1966. Assessment Report *#017515 by M.O. Hampton.

ANVIL MINING CORPORATION LTD, 1966. Assessment Report *#017516 by R.S. Adamson.

ANVIL MINING CORPORATION LTD, 1967. Assessment Report *#017927 by R.K. Watson.

BROCK, J.S., Oct/73. Geophysical exploration leading to discovery of the Faro deposit. Canadian Institute of Mining and Metallurgy Bulletin, p. 97-116.

CYPRUS ANVIL MINES LTD, Dec/75. Assessment Report #090062 by P.E. Walcott.

CYPRUS ANVIL MINING CORPORATION, Jul/78. Assessment Report *#091257 by J.G. Simpson.

DYNASTY EXPLORATION LTD, Dec/64. Prospectus Report by D.D. Campbell.

DYNASTY EXPLORATIONS LTD, 1965. Assessment Report *#017925 by J.S. Brock.

GEOLOGICAL SURVEY OF CANADA Bulletin 208.

GEOLOGICAL SURVEY OF CANADA Paper 65-19, p. 36-37.

GEOLOGICAL SURVEY OF CANADA Paper 67-40, p. 39.

GEOLOGICAL SURVEY OF CANADA Paper 68-1, Part A, p. 43-52.

MINERAL INDUSTRY REPORT 1974, p. 132; 1975, p. 123-124; 1976, p. 162; 1977, p. 67.

PIGAGE, L.C., 2000. Geological map of Blind Creek (NTS 105K/7 SW), central Yukon (1:25 000 scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 2000-8.

RIDGEMONT MINING CORPORATION, Oct/73. Assessment Report #060934 by J.G. Simpson.

Work History

Date	Work Type	Comment
12/31/1977	Ground Geophysics	
12/31/1976	Ground Geophysics	Also gravity survey.
12/31/1975	Geochemistry	
12/31/1975	Ground Geophysics	Also IP and gravity surveys.
12/31/1974	Geochemistry	
12/31/1974	Ground Geophysics	Also IP and gravity surveys.
12/31/1973	Geology	
12/31/1972	Geology	
12/31/1972	Geochemistry	
12/31/1972	Ground Geophysics	Also IP survey.
12/31/1967	Drilling	Two holes, drill footage not reported.
12/31/1967	Ground Geophysics	Also magnetic survey.
12/31/1966	Drilling	Four holes, 599.2 m.
12/31/1965	Geochemistry	
12/31/1965	Ground Geophysics	Also EM survey.
12/31/1964	Geochemistry	
12/31/1964	Airborne Geophysics	Also EM survey.
12/13/1964	Ground Geophysics	Also EM survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090186	1976	A Progress Report on Ground Magnetic, Turam Electromagnetic & Gravity Surveys Over Mye-Sark, Fat, Fin & Lisa Grids	EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics		
060931	1973	A Geological Report on the Lisa Claims	Bedrock Mapping - Geology		
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		
017516	1967	Geochemical Report on Ace Claim Group at Blind Creek-Tay River in Yukon	Soil - Geochemistry		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		
017515	1966	Geophysical Report on Ace Claim Group at Tay River, Yukon	EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
018956	1965	Geology and Mineral Deposits of the Vangorda District, Central Yukon	Regional Bedrock Mapping - Geology, Data Compilation - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC000240	Magnetometer Survey Map - Lisa Claims - Anvil Area		Property File Collection	Geophysical Map
ARMC000337	Geology Map - Anvil Range Project - Sheet 1		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC000338	Geology Map - Anvil Range Project - Sheet 2		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC000339	Mt. Mye Grid Map - Anvil Range Project		Property File Collection	Geoscience Map (General)

ARMC000340	Mt. Mye Grid Map - Anvil Range Project - I	Property File Collection	Geoscience Map (General)
ARMC000049	Geological Map - Blind Creek	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC001753	Profile map - Lines 176W to 208W - Zone A - Ace Group	Property File Collection	Geoscience Map (General)
ARMC010561	Cross sectional sketch through Lisa prospect	Property File Collection	Geoscience Map (General)
ARMC337338	Overlay Map - Anvil Range Project - Sheet 1 and 2	Property File Collection	Geoscience Map (General)
ARMC339340	Overlay Map - Mt. Mye Grid - Anvil Range Project	Property File Collection	Geoscience Map (General)
ARMC013608	Report on "A" group, "B" group and "C" group of mineral claims - Tay River Mines Limited, Whitehorse Mining Division, Yukon Territory	Property File Collection	Report
ARMC015488	Report on 1974 exploration - Lisa claim group	Property File Collection	Report
ARMC015105	Report on interpretation of gravity surveys - North Anvil Range, Yukon Territory	Property File Collection	Report
ARMC011977	Prospecting sketch map of Lisa claims showing approximate locations of DDH 67-A-1 and 67-A-2	Property File Collection	Geoscience Map (General)
ARMC016742	Geological map - 105K/7 - Blind Creek	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011689	Ace grid geology map - West & Central	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016348	Heavy minerals survey map - 105K/7 Blind Creek - N.A.R. joint venture	Property File Collection	Geochemical Map
ARMC012117	Histogram of results - Copper - Lisa - Figure 4	Property File Collection	Miscellaneous Company Documents
ARMC012118	Histogram of results - Lead - Lisa - Figure 5	Property File Collection	Miscellaneous Company Documents
ARMC012119	Histogram of results - Zinc - Lisa - Figure 6	Property File Collection	Miscellaneous Company Documents
ARMC012100	Induced polarization survey - Zone "A" and Zone "B" apparent resistivity contours and apparent chargeability contours with interpretation - Ace grids - To accompany a report by R.K. Watson, Hunttec Ltd. - Plate 1	Property File Collection	Geophysical Map
ARMC012121	1974 Turam and magnetometer surveys - Lisa claims - DDH 67-A-1, DDH 67-A-2	Property File Collection	Geophysical Map
ARMC015788	Sketch map showing base line - Ace project	Property File Collection	Geoscience Map (General)
ARMC015792	Sketch map showing interpretation and rough calculations - Ace claim group	Property File Collection	Geophysical Map
ARMC015808	Sketch map showing location of present and previous surveys on and near the Lisa claims	Property File Collection	Geoscience Map (General)
ARMC011674	Map section along line 24W - Looking west - Lisa claims - Figure 7	Property File Collection	Geoscience Map (General)
ARMC015785	Map sheet 105K/7 with geology notations of the Ace group	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011686	Geochemical reconnaissance map - Ace claim group	Property File Collection	Geochemical Map
ARMC017084	Map of Vangorda Creek properties showing magnetic anomalies and known mineral deposits	Property File Collection	Geoscience Map (General)
ARMC015789	Sketch sections - Induced polarization - Ace group zone 'B' - Line 120W, 108W, 116W, 112W, 104W, 96W	Property File Collection	Geophysical Map
ARMC012124	Soil geochemistry - Lead - Lisa claims - Figure 0 - DDH 67 A-1, DDH 67-A-2	Property File Collection	Geochemical Map
ARMC012123	Soil geochemistry - Zinc - Lisa claims DDH 67-A-1, DDH 67-A-2	Property File Collection	Geochemical Map
ARMC011675	Soil geochemistry map - Contoured for Copper - Lisa claims - Map 1	Property File Collection	Geochemical Map
ARMC011676	Soil geochemistry map - Contoured for Lead - Lisa claims - Map 2	Property File Collection	Geochemical Map
ARMC011673	Soil geochemistry map - Contoured for Zinc - Lisa claims - Map 3	Property File Collection	Geochemical Map
ARMC012120	Soil geochemistry map - Copper - Lisa claims - DDH 67-A-2	Property File Collection	Geochemical Map
ARMC011669	Magnetometer survey - Contours of relative vertical intensity - Lisa claims - Map No. W-189-1 to accompany a report by Peter E. Walcott	Property File Collection	Geophysical Map
ARMC015787	Magnetometer survey map with notations showing north edge of high magnetic belt - Ace group - Drawing No. EWX-38	Property File Collection	Geophysical Map

ARMC015790	Map of Ace claim group with notations showing Bin group by Jaye Explorations - Drawing No. FB-1		Property File Collection	Geoscience Map (General)
ARMC015786	Map of Ace geochemistry with notations - Drawing No. CWX-5		Property File Collection	Geochemical Map
ARMC011668	Magnetometer survey - Profiles of relative vertical intensity - Lisa claims - Map 4.		Property File Collection	Geophysical Map
ARMC015644	Progress report 1977 - North Anvil Range joint venture		Property File Collection	Report
ARMC015476	Progress report 1978 - North Anvil Range joint venture		Property File Collection	Report
ARMC012122	Compilation of surveys on and near the Lisa claims - Figure 3		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015483	Lithologic log - Ace claim - DDH Ace 2		Property File Collection	Drill Logs
ARMC015784	Geochem sample sheets - Sample locations and notes - Ace zone A and extension 2		Property File Collection	Miscellaneous Company Documents
ARMC016231	Drill logs - DDH 66-A-1, 66-A-2, 66-A-3, 66-A-4 - Ace		Property File Collection	Drill Logs
ARMC016230	Drill logs - DDH 67-A1 and 67-A2 - Ace		Property File Collection	Drill Logs
ARMC011980	Magnetics map - Ace group		Property File Collection	Geophysical Map
ARMC011695	Magnetometer survey - Ace group - Drawing No. EWX-38		Property File Collection	Geophysical Map
ARMC011696	Magnetometer survey - Ace group - Drawing No. EWX-39		Property File Collection	Geophysical Map
ARMC011688	Geochemistry map - Ace - Drawing No. CWX-5		Property File Collection	Geochemical Map
ARMC011687	Geochemistry map - Ace - Drawing No. CFB-20		Property File Collection	Geochemical Map
ARMC011694	Electromagnetic survey - Ace group - Drawing No. EWX-40		Property File Collection	Geophysical Map
ARMC011685	Electromagnetic survey - Ace group - Drawing No. EWX-41		Property File Collection	Geophysical Map
ARMC020547	Field notebook - Ace group - Powell River area		Property File Collection	Miscellaneous Company Documents
ARMC020551	Field notebook - E & N Swim Lake, Moose Lake, Vangroda, Shrimp Lake, Blind Creek areas		Property File Collection	Miscellaneous Company Documents
ARMC020557	Field notebook - Report for Lappie Bridge (DPW), Beta-Ace groups, Faro, Irish Anomaly, lower Rose Creek		Property File Collection	Miscellaneous Company Documents
ARMC020587	E.M. field notes - Ace		Property File Collection	Miscellaneous Company Documents
ARMC020588	Mag. field notes - Ace group		Property File Collection	Miscellaneous Company Documents
ARMC015810	Geochemical laboratory reports - Lisa claims		Property File Collection	Miscellaneous Company Documents
ARMC015791	Airborne magnetometer anomaly sketch map - Ace		Property File Collection	Geophysical Map
ARMC018787	Field map - Anvil Range area -105K/2 & 7		Property File Collection	Geoscience Map (General)
ARMC016170	DDH logs - Hole No. 66-A-1, 66-A-2, 66-A-3, 66-A-4 - Ace zone		Property File Collection	Drill Logs
ARMC015724	Diamond drill core, lithologic and structural logs - 78-NA-01 and 78-NA-02 - Fin #28, Fin #9 - North Anvil Range - Fin group		Property File Collection	Drill Logs
ARMC011973	Claim map - Ace claim group - Drawing No. FB-1		Property File Collection	Geoscience Map (General)
ARMC011979	Claim map sheets - Ace		Property File Collection	Geoscience Map (General)
ARMC011498	Claims grid map - Ace		Property File Collection	Geoscience Map (General)