



## Occurrence Details

**Occurrence Number:** 105K 034  
**Occurrence Name:** Adamson  
**Occurrence Type:** Hard-rock  
**Status:** Prospect  
**Date printed:** 8/6/2025 1:46:10 AM

## General Information

**Secondary Commodities:** copper, lead, zinc

**Aliases:** Ace

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

**Location(s):** 62°21'12" 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 d 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 Lise 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
<a href="#">090186</a>	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		
<a href="#">060931</a>	1973	A Geological Report on the Lisa Claims	Bedrock Mapping - Geology		
<a href="#">019824</a>	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		
<a href="#">017516</a>	1967	Geochemical Report on Ace Claim Group at Blind Creek-Tay River in Yukon	Soil - Geochemistry		
<a href="#">092062</a>	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		
<a href="#">017515</a>	1966	Geophysical Report on Ace Claim Group at Tay River, Yukon	EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
<a href="#">018956</a>	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
<a href="#">ARMC00_0240</a>	Magnetometer Survey Map - Lisa Claims - Anvil Area		Property File Collection	Geophysical Map
<a href="#">ARMC00_0337</a>	Geology Map - Anvil Range Project - Sheet 1		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC00_0338</a>	Geology Map - Anvil Range Project - Sheet 2		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC00_0339</a>	Mt. Mye Grid Map - Anvil Range Project		Property File Collection	Geoscience Map (General)

<a href="#">ARMC00_0340</a>	Mt. Mye Grid Map - Anvil Range Project - I	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_0561</a>	Cross sectional sketch through Lisa prospect	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_3608</a>	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
<a href="#">ARMC01_5488</a>	Report on 1974 exploration - Lisa claim group	Property File Collection	Report
<a href="#">ARMC01_5105</a>	Report on interpretation of gravity surveys - North Anvil Range, Yukon Territory	Property File Collection	Report
<a href="#">ARMC01_1977</a>	Prospecting sketch map of Lisa claims showing approximate locations of DDH 67-A-1 and 67-A-2	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_6742</a>	Geological map - 105K/7 - Blind Creek	Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC01_6348</a>	Heavy minerals survey map - 105K/7 Blind Creek - N.A.R. joint venture	Property File Collection	Geochemical Map
<a href="#">ARMC01_2117</a>	Histogram of results - Copper - Lisa - Figure 4	Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC01_2118</a>	Histogram of results - Lead - Lisa - Figure 5	Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC01_2100</a>	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, Huntac Ltd. - Plate 1	Property File Collection	Geophysical Map
<a href="#">ARMC01_2121</a>	1974 Turam and magnetometer surveys - Lisa claims - DDH 67-A-1, DDH 67-A-2	Property File Collection	Geophysical Map
<a href="#">ARMC01_1674</a>	Map section along line 24W - Looking west - Lisa claims - Figure 7	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_5785</a>	Map sheet 105K/7 with geology notations of the Ace group	Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC01_1686</a>	Geochemical reconnaissance map - Ace claim group	Property File Collection	Geochemical Map
<a href="#">ARMC01_1669</a>	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
<a href="#">ARMC00_0049</a>	Geological Map - Blind Creek	Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC00_1753</a>	Profile map - Lines 176W to 208W - Zone A - Ace Group	Property File Collection	Geoscience Map (General)
<a href="#">ARMC33_7338</a>	Overlay Map - Anvil Range Project - Sheet 1 and 2	Property File Collection	Geoscience Map (General)
<a href="#">ARMC33_9340</a>	Overlay Map - Mt. Mye Grid - Anvil Range Project	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_1689</a>	Ace grid geology map - West & Central	Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC01_2119</a>	Histogram of results - Zinc - Lisa - Figure 6	Property File Collection	Miscellaneous Company Documents
<a href="#">ARMC01_5788</a>	Sketch map showing base line - Ace project	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_5792</a>	Sketch map showing interpretation and rough calculations - Ace claim group	Property File Collection	Geophysical Map
<a href="#">ARMC01_5808</a>	Sketch map showing location of present and previous surveys on and near the Lisa claims	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_7084</a>	Map of Vangorda Creek properties showing magnetic anomalies and known mineral deposits	Property File Collection	Geoscience Map (General)
<a href="#">ARMC01_5789</a>	Sketch sections - Induced polarization - Ace group zone 'B' - Line 120W, 108W, 116W, 112W, 104W, 96W	Property File Collection	Geophysical Map
<a href="#">ARMC01_2124</a>	Soil geochemistry - Lead - Lisa claims - Figure 0 - DDH 67 A-1, DDH 67-A-2	Property File Collection	Geochemical Map
<a href="#">ARMC01_2123</a>	Soil geochemistry - Zinc - Lisa claims DDH 67-A-1, DDH 67-A-2	Property File Collection	Geochemical Map
<a href="#">ARMC01_1675</a>	Soil geochemistry map - Contoured for Copper - Lisa claims - Map 1	Property File Collection	Geochemical Map
<a href="#">ARMC01_1676</a>	Soil geochemistry map - Contoured for Lead - Lisa claims - Map 2	Property File Collection	Geochemical Map
<a href="#">ARMC01_1673</a>	Soil geochemistry map - Contoured for Zinc - Lisa claims - Map 3	Property File Collection	Geochemical Map
<a href="#">ARMC01_2120</a>	Soil geochemistry map - Copper - Lisa claims - DDH 67-A-2	Property File Collection	Geochemical Map
<a href="#">ARMC01_5787</a>	Magnetometer survey map with notations showing north edge of high magnetic belt - Ace group - Drawing No. EWX-38	Property File Collection	Geophysical Map

<a href="#"><u>ARMC01 5790</u></a>	Map of Ace claim group with notations showing Bin group by Jaye Explorations - Drawing No. FB-1	Property File Collection	Geoscience Map (General)
<a href="#"><u>ARMC01 5786</u></a>	Map of Ace geochemistry with notations - Drawing No. CWX-5	Property File Collection	Geochemical Map
<a href="#"><u>ARMC01 1980</u></a>	Magnetics map - Ace group	Property File Collection	Geophysical Map
<a href="#"><u>ARMC01 1695</u></a>	Magnetometer survey - Ace group - Drawing No. EWX-38	Property File Collection	Geophysical Map
<a href="#"><u>ARMC01 1696</u></a>	Magnetometer survey - Ace group - Drawing No. EWX-39	Property File Collection	Geophysical Map
<a href="#"><u>ARMC01 1688</u></a>	Geochemistry map - Ace - Drawing No. CWX-5	Property File Collection	Geochemical Map
<a href="#"><u>ARMC01 1687</u></a>	Geochemistry map - Ace - Drawing No. CFB-20	Property File Collection	Geochemical Map
<a href="#"><u>ARMC01 1694</u></a>	Electromagnetic survey - Ace group - Drawing No. EWX-40	Property File Collection	Geophysical Map
<a href="#"><u>ARMC01 1685</u></a>	Electromagnetic survey - Ace group - Drawing No. EWX-41	Property File Collection	Geophysical Map
<a href="#"><u>ARMC02 0557</u></a>	Field notebook - Report for Lappie Bridge (DPW), Beta-Ace groups, Faro, Irish Anomaly, lower Rose Creek	Property File Collection	Miscellaneous Company Documents
<a href="#"><u>ARMC02 0587</u></a>	E.M. field notes - Ace	Property File Collection	Miscellaneous Company Documents
<a href="#"><u>ARMC02 0588</u></a>	Mag. field notes - Ace group	Property File Collection	Miscellaneous Company Documents
<a href="#"><u>ARMC01 5810</u></a>	Geochemical laboratory reports - Lisa claims	Property File Collection	Miscellaneous Company Documents
<a href="#"><u>ARMC01 6170</u></a>	DDH logs - Hole No. 66-A-1, 66-A-2, 66-A-3, 66-A-4 - Ace zone	Property File Collection	Drill Logs
<a href="#"><u>ARMC01 5724</u></a>	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
<a href="#"><u>ARMC01 1973</u></a>	Claim map - Ace claim group - Drawing No. FB-1	Property File Collection	Geoscience Map (General)
<a href="#"><u>ARMC01 1498</u></a>	Claims grid map - Ace	Property File Collection	Geoscience Map (General)
<a href="#"><u>ARMC01 1979</u></a>	Claim map sheets - Ace	Property File Collection	Geoscience Map (General)
<a href="#"><u>ARMC01 1668</u></a>	Magnetometer survey - Profiles of relative vertical intensity - Lisa claims - Map 4.	Property File Collection	Geophysical Map
<a href="#"><u>ARMC01 5644</u></a>	Progress report 1977 - North Anvil Range joint venture	Property File Collection	Report
<a href="#"><u>ARMC01 5476</u></a>	Progress report 1978 - North Anvil Range joint venture	Property File Collection	Report
<a href="#"><u>ARMC01 2122</u></a>	Compilation of surveys on and near the Lisa claims - Figure 3	Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#"><u>ARMC01 5483</u></a>	Lithologic log - Ace claim - DDH Ace 2	Property File Collection	Drill Logs
<a href="#"><u>ARMC01 5784</u></a>	Geochem sample sheets - Sample locations and notes - Ace zone A and extension 2	Property File Collection	Miscellaneous Company Documents
<a href="#"><u>ARMC01 6231</u></a>	Drill logs - DDH 66-A-1, 66-A-2, 66-A-3, 66-A-4 - Ace	Property File Collection	Drill Logs
<a href="#"><u>ARMC01 6230</u></a>	Drill logs - DDH 67-A-1 and 67-A-2 - Ace	Property File Collection	Drill Logs
<a href="#"><u>ARMC02 0547</u></a>	Field notebook - Ace group - Powell River area	Property File Collection	Miscellaneous Company Documents
<a href="#"><u>ARMC02 0551</u></a>	Field notebook - E & N Swim Lake, Moose Lake, Vangroda, Shrimp Lake, Blind Creek areas	Property File Collection	Miscellaneous Company Documents
<a href="#"><u>ARMC01 5791</u></a>	Airborne magnetometer anomaly sketch map - Ace	Property File Collection	Geophysical Map
<a href="#"><u>ARMC01 8787</u></a>	Field map - Anvil Range area -105K/2 & 7	Property File Collection	Geoscience Map (General)