



Occurrence Details

Occurrence Number: 105K 079
Occurrence Name: Ivan
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 6:10:56 PM

General Information

Secondary Commodities: copper, lead, zinc
Aliases: Dana, Hall, Irma, Ter
Deposit Type(s): Plutonic Related Au
Location(s): 62°33'42" N - -133°16'23" W
NTS Mapsheet(s): 105K11
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Ivan cl (93615) in Nov/65 by Anvil Mg Corp L following an airborne mag and EM survey and explored with soil sampling, ground mag and EM surveys and 4 holes (465 m) in 1966. Restaked as Ter cl (Y35284) in Jun/69 by Inter-Tech Dev and Res L, and again as Dana, Irma & Hall (Y67987) in Mar/73 by Ridgemont Mg Corp L (Cyprus), which explored with soil sampling in 1973 and IP, EM and geochem surveys and 3 holes (498 m) in 1974 and more mag, EM and gravity surveys and 3 holes (628 m) in 1975 after a reorganization to Cyprus Anvil Mg Corp. Cyprus Anvil drilled one hole (159 m) on the adjoining Irma group in 1978.

Capsule Geology

The claims were staked on airborne anomalies associated with a prominent gossan and are underlain by Devonian-Mississippian Earn Group clastic rocks, and chert of the Permian Mt Christie Formation. Sphalerite, pyrrhotite, chalcopyrite and galena occur in veinlets and as coarse disseminated grains in banded calc-silicate rock (tuff ?) and graphitic argillite within a large area of bleaching and alteration. To the south and downdip, the mineralization is more uniformly disseminated and fine grained. The 1966 drilling intersected occasional veinlets of similar mineralization while the 1978 hole was unmineralized.

References

ANVIL MINING CORPORATION LTD, 1966. Assessment Report *#091262 by R.S. Adamson.

CYPRUS ANVIL MINING CORPORATION, 1975. Assessment Report *#090083 by P.E. Walcott.

CYPRUS ANVIL MINING CORPORATION, 1975. Assessment Report *#091263 by G. Jilson.

CYPRUS ANVIL MINING CORPORATION, 1976. Assessment Report *#091264 by G. Jilson.

CYPRUS ANVIL MINING CORPORATION, Aug/77. Assessment Report #090205 by P.E. Walcott.

CYPRUS ANVIL MINING CORPORATION, Aug/78. Assessment Report *#091265 by J.G. Simpson.

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

MINERAL INDUSTRY REPORT 1974, p. 133; 1975, p. 125-126; 1977, p. 68.

RIDGEMONT MINING CORPORATION, 1973. Assessment Report *#060933 by G.A. Jilson and J.G. Simpson.

Work History		
Date	Work Type	Comment
12/31/1974	Drilling	Three holes, 498 m.
12/31/1974	Geochemistry	
12/31/1974	Ground Geophysics	Also EM and gravity surveys.
12/31/1973	Geochemistry	
12/31/1966	Geochemistry	
12/31/1966	Ground Geophysics	Also EM survey .
12/31/1965	Airborne Geophysics	Also magnetic survey .
12/13/1978	Drilling	One hole, 159 m.

12/13/1977	Ground Geophysics	Two lines of IP.
12/13/1975	Drilling	Three holes, 628 m.
12/13/1975	Ground Geophysics	Also magnetic and gravity surveys.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096836	2015	Assessment Report Describing Geological Mapping and Sample Collection by PhD Candidate, Drill Pad Reclamation and Equipment Backhauling	Reclamation - Development, Surface, Rock - Geochemistry, Bedrock Mapping - Geology, Process/Interpret - Pre-existing Data		
096671	2013	Assessment Report Describing Geological Mapping, Prospecting, Geochemical Surveys and Diamond Drilling	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching	9	1182.44
096480	2012	Assessment Report Describing Geology, Mineralization, Geochemical Surveys, Diamond Drilling, Metallurgical Testing and Mineral Resources at the Keg Property	Diamond - Drilling, Rotary - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	84	30320.42
096033	2011	Assessment Report Describing Geological Mapping, Prospecting, Geochemical Sampling, Geophysical Surveying, Baseline Water Surveying, Wildlife Surveying, Trenching and Diamond Drilling	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Water - Geochemistry, Bedrock Mapping - Geology, IP - Ground Geophysics, Magnetics - Ground Geophysics, Prospecting - Other, Environmental Assessment/Impact - Studies, Hand - Trenching	51	16808.37
060933	1973	Report on a Geochemical Survey on the Dana Claims	Soil - Geochemistry		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		
019008	1966	Report on Airborne Geophysical Survey Geochemical Survey and Geological Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Silt - Geochemistry, Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
2015-2	Geological map of the Anvil Lake area, central Yukon, parts of NTS 105K/11 and 105K/12		Yukon Geological Survey	Open File (Geological - Bedrock)
ARMC000026	Geology Map - Tara, Dane, Hal and Mark Group - Anvil District		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC000027	Geochemical sampling - Lead - Tara, Dane, Hal and Mark Group		Property File Collection	Geochemical Map
ARMC000028	Geochemical sampling - Copper - Tara, Dane, Hal and Mark Group		Property File Collection	Geochemical Map
ARMC000029	Geochemical sampling - Zinc - Tara, Dane, Hal and Mark Group		Property File Collection	Geochemical Map
ARMC000041	Colour Geological Map - Barwell Lake		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC000050	Geological Map - Barwell Lake		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC008916	Report on the occurrence of some residual iron oxide on Paintrock Creek, Tay River section of the Yukon Territory		Property File Collection	Report
ARMC011958	Regional geology - Dana claim area - Drawing No. WA-50		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015840	Zone A - Caribou Lake property - Drawing No. 1		Property File Collection	Geoscience Map (General)
ARMC017433	Geological compilation with notations - Anvil Range project - Sheet 1 - Map P1 of 14		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011647	Orthophoto map - Tay River showing Dana-Halo Fr and Hal claims - Job No. 06064-0		Property File Collection	Geoscience Map (General)
ARMC011649	Geology map - Dana prospect - Map 13 of 14		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015596	Three sketch maps of Ivan - 66 claims - Geochem		Property File Collection	Geoscience Map (General)
ARMC012126	Topog., grid, drill holes & geology - Ivan - Drawing No. WB-47		Property File Collection	Geoscience Map (General)
ARMC011706	Topog., grid, drill holes & geology map - Ivan group - Drawing No. WB-47		Property File Collection	Geoscience Map (General)
ARMC011667	Map showing claims and grids - Dana, Halo Fr. and Irma claims - Project No. 466 - Map No. 1		Property File Collection	Geoscience Map (General)
ARMC016744	Geological map - 105K/11		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011643	Geological map - Earn project - Dana, Halo Fr and Hal claims - Project No. 466 - Map No.2		Property File Collection	Geoscience Map (Geological - Bedrock)

ARMC011644	Geological map - Earn project - Dana, Halo Fr and Hal claims - Project No. 466 - Map No.2	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011646	Aeromagnetic map - Airborne geophysical survey - Tara, Dane, Hal and Mark groups	Property File Collection	Geophysical Map
ARMC011635	Map showing topography & drill hole locations - Dana claims - Earn project	Property File Collection	Geoscience Map (General)
ARMC015850	Geological map - Earn project - Dana, Halo Fr. and Hal claims - Map No. 2 - Project No. 466	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC011638	Air photo blowup of Earn project area - Photo NW72974-4-109	Property File Collection	Photos
ARMC016259	Stream sediment geochemical survey - Cold extractable zinc - Earn project - Tay River area - Map No. 19	Property File Collection	Geochemical Map
ARMC016257	Stream sediment geochemical survey - Cold extractable lead - Earn project - Tay River area - Map No. 17	Property File Collection	Geochemical Map
ARMC011793	Stream sediment geochemical survey - Earn project - Tay River area	Property File Collection	Geochemical Map
ARMC016258	Stream sediment geochemical survey - Total zinc - Earn Pproject - Tay River area - Map No. 18	Property File Collection	Geochemical Map
ARMC011648	Structural domains - Dana prospect - Map 14 of 14	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015147	Summary of 1974 and 1975 exploration of the Dana, Halo Fractional and Irma claims	Property File Collection	Report
ARMC015839	Summary report - Caribou Lake property - Anvil-Vangorda district	Property File Collection	Report
ARMC011957	Induced polarization survey - Contours of % frequency effect, a=200', n=2 - Hal claims - Map No. 8 - Project No. 466	Property File Collection	Geophysical Map
ARMC011799	Induced polarization survey - Contours of apparent metal factor - Hal claims - Map No. 9 - Project 466	Property File Collection	Geophysical Map
ARMC011798	Induced polarization survey - Contours of apparent resistivity - Hal claims - Map No. 7 - Project 466	Property File Collection	Geophysical Map
ARMC015864	Induced polarization survey map - Contours of % frequency effect a=200', n=3 - Earn project - Hal, Dana, Halo claims - Map No. W-183-7	Property File Collection	Geophysical Map
ARMC015865	Induced polarization survey map - Contours of % frequency effect a=200', n=4 - Earn project - Hal, Dana, Halo claims - Map No. W-183-8	Property File Collection	Geophysical Map
ARMC015582	A geophysical report on an induced polarization survey on the Irma claims	Property File Collection	Report
ARMC015581	A geophysical report on ground magnetic & gravity surveys on the Irma claims	Property File Collection	Report
ARMC015862	Induced polarization survey map - Contours of % frequency effect, a=200', n=1 - Earn project - Hal, Dana, Halo claims - Map No. W-183-5	Property File Collection	Geophysical Map
ARMC015863	Induced polarization survey map - Contours of % frequency effect, a=200', n=2 - Earn project - Hal, Dana, Halo claims - Map No. W-183-6	Property File Collection	Geophysical Map
ARMC015866	Induced polarization survey map - Contours of apparent metal factor a=200', n=1 - Earn project - Hal, Dana, Halo claims - Map No. W-183-9	Property File Collection	Geophysical Map
ARMC015867	Induced polarization survey map - Contours of apparent metal factor a=200', n=2 - Earn project - Hal, Dana, Halo claims - Map No. W-183-10	Property File Collection	Geophysical Map
ARMC015868	Induced polarization survey map - Contours of apparent metal factor a=200', n=3 - Earn project - Hal, Dana, Halo claims - Map No. W-183-11	Property File Collection	Geophysical Map
ARMC015869	Induced polarization survey map - Contours of apparent metal factor a=200', n=4 - Earn project - Hal, Dana, Halo claims - Map No. W-183-12	Property File Collection	Geophysical Map
ARMC015858	Induced polarization survey map - contours of apparent resistivity (Pa/2pi) a=200', n=1 - Earn project - Hal, Dana, Halo claims - Map no. W-183-1	Property File Collection	Geophysical Map
ARMC015859	Induced polarization survey map - contours of apparent resistivity (Pa/2pi) a=200', n=2 - Earn project - Hal, Dana, Halo claims - Map no. W-183-2	Property File Collection	Geophysical Map
ARMC015853	Sketch map of Dana and Halo claims - section along 40E through DDH 466-75-6 - Figure 18	Property File Collection	Geoscience Map (General)
ARMC015852	Sketch map of Dana claims - Section A-B - Line of section along grid line 36E - Figure 19	Property File Collection	Geoscience Map (General)
ARMC015855	Sketch map of Dana, Halo Fr and Hal claims showing geology and locations	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015857	Sketch map of Dana, Halo Fr and Hal claims with overlay of lithology and mineralization	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015856	Sketch map of Dana, Halo Fr and Hal claims with overlay of structure	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015851	Sketch map of geology - Dana, Hal and Halo claims - Preliminary map	Property File Collection	Geoscience Map (General)
ARMC015595	Sketch map of Ivan composite data showing geochem and geology	Property File Collection	Geoscience Map (General)

ARMC015593	Sketch map of NW Ivan showing geochemistry, geology and locations		Property File Collection	Geoscience Map (General)
ARMC015594	Sketch map of SW Ivan showing geochemistry, geology and locations		Property File Collection	Geoscience Map (General)
ARMC015592	Sketch map showing Ivan and Kew claims		Property File Collection	Geoscience Map (General)
ARMC011680	Map section A-B - Line of section along grid line 36E - Dana claims - Figure 19		Property File Collection	Geoscience Map (General)
ARMC011682	Map section along 36E through DDH 446-74-1 & 446-75-5 - Dana and Halo claims - Figure 15		Property File Collection	Geoscience Map (General)
ARMC011681	Map section along 40E through DDH 446-75-6 - Dana and Halo claims - Figure 18		Property File Collection	Geoscience Map (General)
ARMC011684	Map section through DDH 466-74-3 & 466-75-4 - Dana and Halo claims - Figure 17		Property File Collection	Geoscience Map (General)
ARMC011640	Map sections A-B, C-D, and E-F - Dana prospect - Figure 4		Property File Collection	Geoscience Map (General)
ARMC011636	Grid map - Dana, Hal and Halo Fr. claims - Project No. 466 - Earn project		Property File Collection	Geoscience Map (General)
ARMC015860	Induced polarization survey map - contours of apparent resistivity (Pa/2pi) a=200', n=3 - Earn project - Hal, Dana, Halo claims - Map no. W-183-3		Property File Collection	Geophysical Map
ARMC015861	Induced polarization survey map - contours of apparent resistivity (Pa/2pi) a=200', n=4 - Earn project - Hal, Dana, Halo claims - Map no. W-183-4		Property File Collection	Geophysical Map
ARMC015590	Interoffice memo - Property submission - Yukon Copper Ltd.		Property File Collection	Report
ARMC011707	Ivan control map - Drawing No. WB-45		Property File Collection	Geoscience Map (General)
ARMC015591	Ivan geochem map		Property File Collection	Geochemical Map
ARMC011708	Ivan geochem. map		Property File Collection	Geochemical Map
ARMC011666	J.E.M. survey - Earn project - Dana and Halo Fr. claims - Project No. 466 - Map No. 8		Property File Collection	Geophysical Map
ARMC011683	Map section through DDH 446-74-2 - Dana and Halo claims - Figure 16		Property File Collection	Geoscience Map (General)
ARMC015580	Sketch of vicinity of Irma claims		Property File Collection	Geoscience Map (General)
ARMC011954	Soil geochemistry - Copper - Area A - Earn project - Map No. 3		Property File Collection	Geochemical Map
ARMC011661	Soil geochemistry - Copper - Earn project - Dana, Hal and Halo Fr. claims - Project No. 466		Property File Collection	Geochemical Map
ARMC011642	Soil geochemistry - Earn project - Area A		Property File Collection	Geochemical Map
ARMC011956	Soil geochemistry - Lead - Area A - Earn project - Map No. 4		Property File Collection	Geochemical Map
ARMC011662	Soil geochemistry - Lead - Earn project - Dana, Hal and Halo Fr. claims - Project No. 466 - Map No. 4		Property File Collection	Geochemical Map
ARMC011955	Soil geochemistry - Zinc - Area A - Earn project - Map No. 5		Property File Collection	Geochemical Map
ARMC011663	Soil geochemistry - Zinc - Earn project - Dana, Hal and Halo Fr. claims - Project No. 466 - Map No. 5		Property File Collection	Geochemical Map
ARMC015845	Soil geochemistry copper map with notations - Earn project - Dana, Hal and Halo Fr. claims		Property File Collection	Geochemical Map
ARMC015846	Soil geochemistry maps - Copper, lead and zinc with notations - Earn project - Dana, Hal and Halo Fr. claims		Property File Collection	Geochemical Map
ARMC015844	Review report on Caribou Lake and Fuller Lake properties - Yukon Territory		Property File Collection	Report
ARMC011637	Magnetometer survey - Contours of relative vertical intensity - Dana, Hal and Halo Fr. claims - Project No. 466 - Earn project		Property File Collection	Geophysical Map
ARMC011664	Magnetometer survey - Contours of relative vertical intensity - Earn project - Dana, Hal and Halo Fr. claims - Project No. 466 - Map No. 6		Property File Collection	Geophysical Map
ARMC011665	Magnetometer survey - Contours of relative vertical intensity - Earn project - Dana, Hal and Halo Fr. claims - Project No. 466 - Map No. 7		Property File Collection	Geophysical Map
ARMC011709	Magnetometer survey - Ivan group - Drawing No. EWA-14		Property File Collection	Geophysical Map
ARMC011959	Magnetometer survey - Ivan group - Drawing No. EWA-14		Property File Collection	Geophysical Map
ARMC011	Magnetometer survey - Ivan group - Drawing No. EWA-17		Property File Collection	Geophysical Map

703	Magnetometer survey - Ivan group - Drawing No. EWA-17		Collection	Geophysical Map
ARMC011962	Magnetometer survey - Ivan group - Drawing No. EWA-17		Property File Collection	Geophysical Map
ARMC011699	Map - Line 24-W - Earn project - Hal claims - Fig. 14		Property File Collection	Geoscience Map (General)
ARMC011698	Map - Line 32-W - Earn project - Hal claims - Fig. 13		Property File Collection	Geoscience Map (General)
ARMC011697	Map - Line 40-W - Earn project - Hal claims - Fig. 12		Property File Collection	Geoscience Map (General)
ARMC018020	Air photo overlays - Dana-Hal grid tie-ins - Anvil district - 105K		Property File Collection	Geoscience Map (General)
ARMC011650	Claims map - Showing Dana, Dane, Bark, Mark, Hal, Jon, Tara - Sheet 105K-11		Property File Collection	Geoscience Map (General)
ARMC015583	Diamond drill, lithologic and structural logs - DDH 78-I-01 - Irma claims		Property File Collection	Drill Logs
ARMC011782	Line 0+00 - Earn project - Hal claims - Fig. 17		Property File Collection	Geoscience Map (General)
ARMC011781	Line 16-W - Earn project - Hal claims - Fig. 15		Property File Collection	Geoscience Map (General)
ARMC011794	Line 8-E - Earn project - Hal claims - Fig. 18		Property File Collection	Geoscience Map (General)
ARMC011783	Line 8-W - Earn project - Hal claims - Fig. 16		Property File Collection	Geoscience Map (General)
ARMC011677	Graphic log - DDH 466-74-1 - Dana, Hal and Halo claims - Figure 10		Property File Collection	Drill Logs
ARMC011678	Graphic log - DDH 466-74-2 - Dana, Hal and Halo claims - Figure 11		Property File Collection	Drill Logs
ARMC011679	Graphic log - DDH 466-74-3 - Dana, Hal and Halo claims - Figure 12		Property File Collection	Drill Logs
ARMC011967	Graphic log - DDH 466-75-4 - Dana & Halo Fr. claims - Fig. 13		Property File Collection	Geoscience Map (General)
ARMC011968	Graphic log - DDH 466-75-5 - Dana & Halo Fr. claims - Fig. 14		Property File Collection	Geoscience Map (General)
ARMC018122	Diamond drill core log and summary log - 78-NA-04 - Irma No. 9 - Irma group		Property File Collection	Drill Logs
ARMC018123	Lithologic log - 78-I-01 - Irma claim		Property File Collection	Drill Logs
ARMC015598	Earn project - Area A - Geochemical lab reports 9-A, 24-A, 35-A, 40-A, 41-A, 49-A, 61-A, 64-A		Property File Collection	Miscellaneous Company Documents
ARMC015579	Earn project notes and assay certificates		Property File Collection	Miscellaneous Company Documents
ARMC020285	Drill hole records - Faro area - 1965-1967		Property File Collection	Drill Logs
ARMC015854	Geology field sheet - Dana, Halo Fr. & Hal claims		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC020492	Field notes - Earn project		Property File Collection	Miscellaneous Company Documents
ARMC020493	Field notes - 1974 Earn project - Geochem notes - 105-K-11		Property File Collection	Miscellaneous Company Documents
ARMC020502	Field notes - 1974 field season - Hal/Dana claims		Property File Collection	Miscellaneous Company Documents
ARMC020503	Field notes - Grissle Lake area - Hal claims		Property File Collection	Miscellaneous Company Documents
ARMC020504	Field notebook - Hal claims?		Property File Collection	Miscellaneous Company Documents
ARMC011710	Grid & claims map - Ivan group		Property File Collection	Geoscience Map (General)
ARMC019495	Field notes - Dana		Property File Collection	Miscellaneous Company Documents
ARMC019496	Geochem field notes - Mt. Mye prospect - Dana, Jon - Anvil Range project		Property File Collection	Miscellaneous Company Documents
ARMC019498	Geochem field notes - Mt. Mye, Jon		Property File Collection	Miscellaneous Company Documents
ARMC019499	Field notes - silts - Jon, Selwyn B		Property File Collection	Miscellaneous Company Documents
ARMC019500	Geochemical, geological and prospecting field notes - Hal, Dana & Halo claims - Earn project, Area A		Property File Collection	Miscellaneous Company Documents

ARMC019502	Geochem field notes - Mye, Jon	Property File Collection	Miscellaneous Company Documents
ARMC011700	Electromagnetic and magnetic maps - Ivan claim sheets	Property File Collection	Geophysical Map
ARMC011645	Electromagnetic map - Airborne geophysical survey - Tara, Dane, Hal and Mark groups	Property File Collection	Geophysical Map
ARMC011960	Electromagnetic survey - Ivan group - Drawing No. EWA-15	Property File Collection	Geophysical Map
ARMC011705	Electromagnetic survey - Ivan group - Drawing No. EWA-15	Property File Collection	Geophysical Map
ARMC011704	Electromagnetic survey - Ivan group - Drawing No. EWA-16	Property File Collection	Geophysical Map
ARMC011961	Electromagnetic survey - Ivan group - Drawing No. EWA-16	Property File Collection	Geophysical Map
ARMC018794	Field map - Tay River area - 105K/6	Property File Collection	Geoscience Map (General)
ARMC015848	Assay results - Earn project - Dana	Property File Collection	Assays
ARMC015847	Assays, lab reports, DDH sample notes - Earn project - Dana	Property File Collection	Assays
ARMC012125	Dana, Halo & Irma claims map	Property File Collection	Geoscience Map (General)
ARMC015849	Dana, Halo and Hal claims - Geochemistry worksheets	Property File Collection	Miscellaneous Company Documents
ARMC017926	Field sheets - Dana, Hal, Maghi Mtn.	Property File Collection	Miscellaneous Company Documents
ARMC016169	DDH logs - Hole No. V-1, V-2, 66-V-3, 66-V-4 - Ivan	Property File Collection	Drill Logs
ARMC015771	Field notes on DDH D-74-1, D-74-2, D-74-3 - Dana, Hal and Halo claims	Property File Collection	Miscellaneous Company Documents
ARMC015772	Diamond drill record - Dana, Hal and Halo claims - Hole No. 466-75-4, 466-75-5, 466-75-6	Property File Collection	Drill Logs
ARMC015770	Diamond drill record - Dana, Hal and Halo claims - Hole No. D-74-1, D-74-2, D-74-3	Property File Collection	Drill Logs