



Occurrence Details

Occurrence Number: 105F 012

Occurrence Name: Mm

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 4/28/2025 11:06:16 AM

General Information

Secondary Commodities: barite, copper, gold, lead, silver, zinc

Aliases: Arnold

Deposit Type(s): Volcanogenic Massive Sulphide (VMS) Kuroko Cu-Pb-Zn

Location(s): 61°27'29" N -132°38'32" W

NTS Mapsheet(s): 105F07

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

Staked as Zink cl 1-4 (Y54558) and 5-8 (Y54634) in Oct/70 by Spartan Exploration Ltd in a joint venture with Mitsui Mining & Smelting Company Ltd. Mitsui advanced \$50 00.00 towards exploration work on this and two other properties. No work appears to have been carried out on these claims and Mitsui converted its interest into 151 474 shares of Spartan in 1971. Restaked as MM cl 1-76 (Y73864) in Jul/73 by Anvil Mining Corporation Ltd which carried out geological mapping, prospecting, soil sampling and magnetic surveying before adding JJ cl 1-81 (Y74337) in Sep/73. The company then completed a gravity survey and drilled two holes (245.4 m) later in the year. In 1974 Anvil carried out soil sampling and magnetic surveying and drilled two holes (612.6 m). The property was transferred to Cyprus Anvil Mining Corporation Ltd in 1975, which entered a joint venture with Hudson's Bay Oil & Gas Ltd. In Aug/76 the companies staked DD cl 1-32 (YA625) to the north of the occurrence and drilled 7 holes (1 677.9 m) later in the year. They carried out soil sampling, magnetic and EM surveying and drilled 4 holes (1 642.3 m) in 1977 and carried out detailed geological mapping, prospecting, soil sampling and geophysical surveying in 1978. The property was transferred in 1985 to Curragh Resources Inc, which carried out trenching in 1987 and 1988. Anvil Range Mining Corporation acquired the property and other assets of Curragh Resources and drilled four holes (1 889 m) in 1996. In Apr/98 creditors of Anvil Range requested the appointment of an Interim Receiver and the company filed for bankruptcy. Its was subsequently delisted from the TSE in Jan/99. Restaked as MM cl 1-12 (YB93603) in Feb/2002 by Eagle Plains Resources Ltd which carried out geological mapping, prospecting, soil and silt sampling and added MM cl 13-22 (YB94149) in Jul/2002.

Capsule Geology

The area is located southwest of the Tintina Fault on the Cassiar Platform. The Cassiar Platform is a curvilinear shelf that formed, between mid-Cambrian and Silurian time, roughly parallel to the western margin of the North American craton but separated from it by the Selwyn Basin. Shallow water deposition on the Cassiar Platform continued until Late Devonian time. Block faulting and local uplift during Late Devonian and Mississippian resulted in deposition of carbonaceous shale and chert pebble conglomerate in the Selwyn Basin and across the platform. Local explosive volcanism produced thick tuff and flows whose extremities intertongue with surrounding black shale. Some of these centres contain base metal mineralization. Calcareous argillite of Upper Paleozoic to Triassic age was deposited above the shale and volcanic sequence (Hunt, 1999).

The occurrence is located at the extreme southwest end of the Pelly Mountains volcanic belt, an arcuate belt approximately 80 km long and up to 25 km wide that forms part of the Cassiar Platform. The belt is comprised of localized volcanic centers separated by basins in-filled with sediments and volcanoclastic rocks. The present deformed thickness of the volcanic section is highly variable, ranging from less than 100 m to as much as 1 700 m. Associated with these volcanic rocks are at least two volcanogenic massive sulphide (VMS) deposits, the MM (this occurrence) and Wolf (Minfile Occurrence #105G 008) and numerous other historical showings including Chzernpough (Minfile Occurrence #105F 071) and the Knob (Minfile Occurrence #105F 073).

Zinc-lead-silver +/- copper mineralization occurs within a rusty-weathering volcanic-dominated sequence about 200 m thick that is over- and underlain by carbonaceous pelitic sediments. The mineralization is made up of several sulphide lenses along a roughly east-west trend that propagates from a central trachyte dome and associated volcanic breccia. The style of mineralization varies from east to west.

On the east side of the trend, mineralization consists of three separate mineralized lenses each about 100 m long and several tens of metres thick. Mineralogy of the massive sulphides includes massive to semi-massive pyrite with lesser sphalerite, galena, pyrrhotite and rare chalcopyrite and magnetite. The lenses are comprised of sulphide-silicate gneiss, quartzite, massive sulphide and barite. Smaller, increasingly baritic lenses are reported to extend for over 3 km to the east. Massive pyrite alternates with barite in the upper portion of the mineralized zone and forms the topmost unit in which sulphides are concentrated. The mineralization is hosted by a pyritic quartzite layer sandwiched between intermediate and felsic metavolcanic rocks. This volcanic sequence has been traced, through drilling to the southwest where it passes laterally into a trachyte dome flanked by volcanic breccia.

These mineralized horizons are thought to have at least in part an igneous protolith. Individual sulphide lenses display a wide variation in grade and metal ratio between diamond drill holes. Several drill holes intersected classic Kuroko style mineralization. Galena and sphalerite content increases towards the top of the lens, with an extensive chalcopyrite and quartz stringer zone underlying the lens.

On the west side of the trend mineralization occurs as narrow lenses in the middle and upper parts of the volcanic sequence. The largest lens in this area is about 2 m in thickness directly above the trachyte dome. West of the dome, mineralization consists of disseminated to laminated, semi-massive to massive pyrite to sphalerite-rich sulphides with lesser pyrrhotite, galena and chalcopyrite. Pyrite and pyrrhotite occur as disseminated grains, blebs, and veinlets. Relict mafic and feldspar minerals are consistent with an igneous protolith.

The majority of exploration data collected by Cyprus Anvil-Curragh-Anvil Range was never filed for assessment credit. The bankruptcy of Anvil Range and the resulting uncertainty of the Faro mine site have further delayed public release of the data. Based on Morin's work (1977), a few general results can be stated. The massive sulphide zone returned assays of up to 10% zinc, 0.4% copper, 4.2% lead and 41.1 g/t silver although average grades run approximately 5% zinc-lead. Assessment Report #060999 reports that at least some of the massive sulphide zones display coincident magnetic and gravity anomalies.

Eagle Plains Resources 2002 exploration program was preliminary in nature and was undertaken to verify the results of previous operators. The results verified the existence of volcanogenic massive sulphide mineralization. Rock samples collected in situ of massive pyrite-galena-chalcopyrite mineralization returned average values of up to > 10% zinc and 2% lead. Chalcopyrite rich mineralization returned values up to 2% copper. Elements such as arsenic, copper, silver, gold, cadmium and antimony returned sporadic anomalous values across the claims. Silt samples returned anomalous values for copper, lead, zinc, barite +/- gold. Soil samples returned strongly anomalous values for lead, zinc +/- copper and sporadic anomalous values for silver, arsenic and molybdenum.

References

ANVIL MINING CORPORATION LTD, Aug/74. Assessment Report #060999 by P.E. Walcott.

ANVIL RANGE MINING CORPORATION, Oct/96. Assessment Report #093693 by D. Mattila.

ANVIL MINING CORPORATION LTD, Apr/98. News Release.

CANADIAN MINES HANDBOOK 1972-73, p. 306.

CURRAGH RESOURCES INC, Jun/88. Assessment Report #092482 by L.C. Pigage.

CURRAGH RESOURCES INC, Nov/88. Assessment Report #092590 by L.C. Pigage.

CYPRUS ANVIL MINING CORPORATION LTD, Oct/74. Assessment Report #091136 by P.E. Walcott.

CYPRUS ANVIL MINING CORPORATION LTD, Dec/76. Assessment Report #091137.

CYPRUS ANVIL MINING CORPORATION LTD, Oct/77. Assessment Report #091138.

EAGLE PLAINS RESOURCES LTD, Nov/2002. Assessment Report #094346 by C. Gallagher and C.C. Downie.

EAGLE PLAINS RESOURCES LTD, Aug/2004. Web Site: www.eagleplains.ca

GEOLOGICAL SURVEY OF CANADA, Paper 76-1A, p. 105.

HUNT, J.A., 1999. Preliminary stratigraphy and distribution of Devonian-Mississippian massive sulphide-bearing volcanic rocks in the Mount Vermillion area, Pelly Mountains (105G/5 and G/6), southeast Yukon. In: Yukon Exploration and Geology 1998, C.F. Roots and D.S. Emond (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 73-89.

HUNT, J.A., 2002., Volcanic-associated massive sulphide (VMS) mineralization in the Yukon-Tanana Terrane and coeval strata of the North American miogeoclinal, in the Yukon and adjacent areas. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Bulletin 12, 107 p.

MORIN, J.A., 1977. Ag-Pb-Zn mineralization in the MM deposit and associated Mississippian felsic volcanic rocks in the St. Cyr Range, Pelly Mountains. In Mineral Industry Report, 1976, Yukon Territory. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada 1977-1, p. 83-97.

MORTENSEN, J.K., and GODWIN, C.I., 1982. Volcanogenic massive sulphide deposits associated with highly alkaline rift volcanics in the southeastern Yukon Territory. Economic Geology, Vol. 77, p. 1225-1230.

MINERAL INDUSTRY REPORT, 1973, p. 84-85; 1976, p. 88-96; 1978, p. 60.

YUKON EXPLORATION AND GEOLOGY 2002, p. 18, 24.

Work History

Date	Work Type	Comment
12/31/2002	Geochemistry	
12/31/2002	Geology	Eagle Plains Resources carried out preliminary exploration program.
12/31/2002	Geochemistry	
12/31/2002	Geochemistry	
12/31/1996	Drilling	Four holes, 1,889 m.
12/31/1987	Trenching	
12/31/1978	Geology	
12/31/1978	Geochemistry	
12/31/1978	Ground Geophysics	Also magnetic survey.
12/31/1977	Drilling	Four holes, 1,642.26 m.
12/31/1977	Geochemistry	
12/31/1977	Ground Geophysics	Also electromagnetic survey.
12/31/1976	Drilling	Seven holes, 1,677.92 m.
12/31/1974	Drilling	Two holes, 612.65 m.
12/31/1974	Geology	
12/31/1974	Geochemistry	
12/31/1974	Ground Geophysics	
12/31/1973	Drilling	Two holes, 245.36 m.
12/31/1973	Geology	
12/31/1973	Geochemistry	
12/31/1973	Geochemistry	
12/31/1973	Ground Geophysics	Also gravity survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095324	2011	2010 Geological and Geochemical Report for the MM Property	Rock - Geochemistry, Rock - Geochemistry, Silt - Geochemistry, Silt - Geochemistry, Gamma-ray Spectrometry - Ground Geophysics, Scintillometer - Ground Geophysics, Prospecting - Other, Prospecting - Other		
095118	2009	Geological Mapping & Rock and Soil Sampling Report for the MM Property, Pelly Mountain Project	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
094713	2006	Geological Report for the MM Property, Pelly Mountain Project, MM 1-22 Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
094822	2006	Geological Mapping & Rock Sampling Report for the MM Property, Pelly Mountain Project	Rock - Geochemistry, Bedrock Mapping - Geology		
094346	2002	Geological Report for the MM Property, Pelly Mountain Project, MM 1-22 Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Backhoe - Trenching		
091136	1974	[Drill Logs and Maps for Work on the MM and JJ Claims]	Diamond - Drilling, Soil - Geochemistry, Magnetics - Ground Geophysics	4	815.34
060999	1973	Report on a Gravity Survey, Rose Lake Area	Gravity - Airborne Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC000309	Plan View Map - MM-87 Trench - Fig. 4a		Property File Collection	Geoscience Map (General)
ARMC000310	Cross Section Map - MM-87 Trench - Fig. 4b		Property File Collection	Geoscience Map (General)
ARMC000430	Other mineral occurrences notes - SB, Sea, MM/JJ, Fluke, Elf		Property File Collection	Miscellaneous Company Documents
ARMC003396	Correspondence Re: MM and JJ Claims - Watson Lake mining district		Property File Collection	Miscellaneous Company Documents
ARMC003384	Claim map & proposed DDH site - Pelmac project - DD, MM, JJ claims		Property File Collection	Geoscience Map (General)
ARMC003394	Memorandum Re: The dropping of the Kobota cab during Helicopter transport to MMJJ - MM-JJ claims		Property File Collection	Miscellaneous Company Documents
ARMC003395	Memorandum Re: MM and JJ property		Property File Collection	Miscellaneous Company Documents
ARMC003397	Interoffice memorandum Re: Incident at MM and JJ Claims - Damage to rental Kabota loader		Property File Collection	Miscellaneous Company Documents
ARMC003434	Stratagem maps - Anvil Range		Property File Collection	Geophysical Map
ARMC003435	Pre-1996 drilling map - MM and JJ claims		Property File Collection	Geoscience Map (General)
ARMC003436	Vertical section map - A-B - MM and JJ claims		Property File Collection	Geoscience Map (General)
ARMC003437	Vertical section map - C-D - MM and JJ claims		Property File Collection	Geoscience Map (General)
ARMC003404	Interoffice memorandum Re: Value of "Run of Mine Ore" per 170 tonne truck load		Property File Collection	Miscellaneous Company Documents
ARMC003438	1996 diamond drilling map - MM and JJ claims		Property File Collection	Geoscience Map (General)
ARMC003398	Correspondence Re: Access to the MM property		Property File Collection	Miscellaneous Company Documents
ARMC003399	Staking sketch map showing MM 1-49 mineral claims - Seagull Creek area		Property File Collection	Geoscience Map (General)
ARMC005740	Vertical cross section map - A-B - MM/JJ claims		Property File Collection	Geoscience Map (General)
ARMC005741	1996 diamond drilling map - MM/JJ claims		Property File Collection	Geoscience Map (General)
ARMC003586	Correspondence Re: Reports on MM, Igle, Howru and Bojo claims		Property File Collection	Miscellaneous Company Documents
ARMC003588	Summary of exploration and development work - 1978 - Anvil claim block, North Anvil Range - Urn, MM, JJ, DD, Igle, Howru, Bojo, Dwonk claims		Property File Collection	Report
ARMC003589	Reports for Howru, Dwonk, Chzernpough and MM properties		Property File Collection	Report
ARMC003			Property File	Miscellaneous Company

ARMC000573	Notes on MM/JJ	Property File Collection	Miscellaneous Company Documents
ARMC003567	Correspondence Re: Proposed diamond drill program at the MM-JJ property NTS 105F/7, Yukon	Property File Collection	Miscellaneous Company Documents
ARMC003570	Inter-department Memorandum Re: Exploration update on MM-JJ, Grum pit extension, Faro northwest and Grizzly southeast diamond drilling	Property File Collection	Miscellaneous Company Documents
ARMC003572	Statement Re: Kabota cab slinging incident of MM claims, August 1996 - written by helicopter pilot doing the slinging	Property File Collection	Miscellaneous Company Documents
ARMC010252	Geology map - Area of proposed geochem and geol. reconn. - MM-Quiet Lake-Finlayson Lake - MM/JJ	Property File Collection	Geochemical Map
ARMC003527	Interoffice Memorandum Re: 1996 Exploration projects	Property File Collection	Miscellaneous Company Documents
ARMC003535	Report - Proposal for Faro area exploration	Property File Collection	Report
ARMC003537	Expenditure proposal - AFE - Faro exploration department	Property File Collection	Miscellaneous Company Documents
ARMC003540	Interoffice Memorandum Re: Diamond drilling this year - 1996 - Vangorda Plateau	Property File Collection	Miscellaneous Company Documents
ARMC003544	Memorandum Re: Status of items relating to the exploration department as of Aug 14, 1996 - Vangorda Plateau	Property File Collection	Miscellaneous Company Documents
ARMC003606	Correspondence Re: MM-JJ mining claims joint venture - Yukon - Draft	Property File Collection	Miscellaneous Company Documents
ARMC003607	Memorandum Re: Tender documents for 1996 exploration drilling bids - Grum, Faro, MM/JJ	Property File Collection	Miscellaneous Company Documents
ARMC010250	Geochemistry map - DD claims	Property File Collection	Geochemical Map
ARMC010251	Geology map - MM claim group	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC009169	Profile E-F - MM/JJ property - Figure 25	Property File Collection	Geoscience Map (General)
ARMC009170	Profile G-H - MM/JJ property - Figure 26	Property File Collection	Geoscience Map (General)
ARMC009171	Profile I-J - MM/JJ property - Figure 27	Property File Collection	Geoscience Map (General)
ARMC009172	Profile B-B' - MM/JJ property	Property File Collection	Geoscience Map (General)
ARMC009010	Map section - Profile A-A' - MM/JJ property	Property File Collection	Geoscience Map (General)
ARMC009011	MM/JJ detailed geology map to accompany report on 1977 exploration MM/JJ property - Figure 6	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC009012	Detailed geology and drill hole locations map - MM/JJ property	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC009013	Geologic map - MM, JJ, DD property - Sheet 1 of 2	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC009014	Geochemical map - MM, JJ, DD property - Sheet 2 of 2	Property File Collection	Geochemical Map
ARMC009016	Orthophoto map - Seagull Creek area - Sheet 2 of 4	Property File Collection	Geoscience Map (General)
ARMC009017	Preliminary geological map - MM & JJ grid - Figure 7	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC009148	Ground magnetometer survey map - MM & JJ grid - Figure 17	Property File Collection	Geophysical Map
ARMC010028	Map and overlay of MM claims and drillhole cross sections	Property File Collection	Geoscience Map (General)
ARMC009018	Orthophoto map - Seagull Creek area - Sheet 4 of 4	Property File Collection	Geoscience Map (General)
ARMC009019	Orthophoto map - Seagull Creek area - Sheet 1 of 4	Property File Collection	Geoscience Map (General)
ARMC009020	Orthophoto map - Seagull Creek area - Sheet 3 of 4	Property File Collection	Geoscience Map (General)
ARMC009145	Drill logs - DDH 76 MM 07 - Detailed log of 561 ft to 733 ft interval - MM/JJ property - Figure 11	Property File Collection	Drill Logs
ARMC009146	Drill logs - DDH 76 MM 06 - Detailed log of 488 ft to 533 ft interval - MM/JJ property - Figure 10	Property File Collection	Drill Logs
ARMC009147	Drill logs - DDH 76 MM 04 - Detailed log of 37 ft to 62 ft interval - MM/JJ property - Figure 9	Property File Collection	Drill Logs
ARMC009149	Ground magnetometer survey map - MM & JJ grid - Figure 16	Property File Collection	Geophysical Map

ARMC009150	Ground magnetometer survey map - MM & JJ grid	Property File Collection	Geophysical Map
ARMC009151	Soil geochemistry survey map - Zinc - MM & JJ grid - Figure 15	Property File Collection	Geochemical Map
ARMC009152	Soil geochemistry survey map - Lead - MM & JJ grid - Figure 14	Property File Collection	Geochemical Map
ARMC009153	Soil geochemistry survey map - Copper - MM & JJ grid - Figure 13	Property File Collection	Geochemical Map
ARMC009154	Geochemical results map - MM & JJ grid	Property File Collection	Geochemical Map
ARMC009155	Geochemical survey map - MM claims - Faro - Figure 8	Property File Collection	Geochemical Map
ARMC009156	Ground magnetic survey map - MM claim group - Faro - Figure 9	Property File Collection	Geophysical Map
ARMC009157	Compilation map of MM & JJ claim group - Faro - Figure 10	Property File Collection	Geochemical Map
ARMC009158	Map - MM grid - Faro	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC009160	Cross section A, B, C - MM project - Figure 4	Property File Collection	Geoscience Map (General)
ARMC009161	Cross section D-E - MM project	Property File Collection	Geoscience Map (General)
ARMC009162	Profile A-B - MM/JJ property - Figure 23	Property File Collection	Geoscience Map (General)
ARMC009167	Detailed geology and drill hole locations map - MM/JJ property	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC009168	Profile C-D - MM/JJ property - Figure 24	Property File Collection	Geoscience Map (General)
ARMC008546	Map section - Drill log summary - DDH 76 MM 04 - MM/JJ property - Figure 19	Property File Collection	Geoscience Map (General)
ARMC008555	Map section - Drill log summary - DDH 76 MM 05 - MM/JJ property - Figure 20	Property File Collection	Geoscience Map (General)
ARMC008572	MM/JJ property - drill log summary - DDH 76 MM 06 - Figure 21	Property File Collection	Geoscience Map (General)
ARMC008762	Correspondence Re: MM claim group - Cyprus Anvil Mining Corp.	Property File Collection	Miscellaneous Company Documents
ARMC008763	Geological report on the MM claim group	Property File Collection	Report
ARMC008783	Drill log summary - DDH 76 MM 07 - MM/JJ property - Figure 22	Property File Collection	Drill Logs
ARMC008118	Topographic map - Showing geochemical sample results	Property File Collection	Geoscience Map (General)
ARMC015706	Report on 1976 exploration - MM/JJ/DD property	Property File Collection	Report
ARMC015659	Report on 1977 exploration - MM/JJ property	Property File Collection	Report
ARMC014927	Report on 1977 exploration - MM/JJ property - Watson Lake mining district - Yukon Territory - Field work done from June 7 to Sept 9, 1977	Property File Collection	Report
ARMC015681	The MM zinc-lead-silver deposit - A volcanogenic origin - A paper presented at the 4th geoscience forum Dec 6, 7, 1976	Property File Collection	Report
ARMC015678	Three sketch maps of MM claims showing total Cu in soils, total Pb in soils and total Zn in soils	Property File Collection	Geoscience Map (General)
ARMC015664	Topographic map of MM claims showing Seagull Creek	Property File Collection	Geoscience Map (General)
ARMC015668	Topographical map of Sleep Creek with drill hole locations - MM claims	Property File Collection	Geoscience Map (General)
ARMC015647	Air photos A12238-200, 201, 202 with overlay, 203 with overlay, 204 and 205	Property File Collection	Geoscience Map (General)
ARMC015652	Air photos NW 11-073-4-129	Property File Collection	Geoscience Map (General)
ARMC015651	Air photos NW 11093-2-138 (Anvil - MM project), 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, and 154	Property File Collection	Geoscience Map (General)
ARMC015650	Air photos NW 11093-3-123, 124, 125, 126, and 127	Property File Collection	Geoscience Map (General)
ARMC015649	Air photos NW 110973-3-110 (Anvil - MM project), 111, 112, 113, 114, 115, 116, 117, 118, 119 and 120 with overlay	Property File Collection	Geoscience Map (General)
ARMC015648	Air Photos NW 110978-1-101, 102, 103, 104, 105, 106, 107, 108 and 109	Property File Collection	Geoscience Map (General)

ARMC015 670	Notes on MM claims - sample locations and type - 96 MM-01 to 04		Property File Collection	Miscellaneous Company Documents
ARMC015 675	Memo re: 1988 MM trenching samples with sketch maps - File 481		Property File Collection	Miscellaneous Company Documents
ARMC015 701	Memo re: 1988 MM trenching samples with sketch maps and assay		Property File Collection	Miscellaneous Company Documents
ARMC015 673	Memo re: Possible MM/JJ claims JV with Cominco		Property File Collection	Miscellaneous Company Documents
ARMC015 672	Memo to Doug Brownlee re: Project MM/JJ with preliminary plan 1996 drill hole pick up		Property File Collection	Miscellaneous Company Documents
ARMC015 693	Air photo A12238-203 showing sample locations - DD claims		Property File Collection	Geoscience Map (General)
ARMC015 684	Air photo overlay and sketch map showing cross section along A-A' - MM claims		Property File Collection	Geoscience Map (General)
ARMC015 689	Air photo overlays - A12238-203; NW110973-4-121, 131 - 105F/7		Property File Collection	Geoscience Map (General)
ARMC015 658	Air photo overlays NW110973-3-119, 117, NW110973-3-118, NW110973-4-132, 130		Property File Collection	Geoscience Map (General)
ARMC014 923	Assay logs, fault logs - MM claim - DDH 96 MM-02		Property File Collection	Drill Logs
ARMC015 656	MM summary logs		Property File Collection	Miscellaneous Company Documents
ARMC007 430	Map section - Drill log summary - DDH 76 MM 01 - MM/JJ property - Figure 16		Property File Collection	Geoscience Map (General)
ARMC007 431	Map section - Drill log summary - DDH 76 MM 02 - MM/JJ property - Figure 17		Property File Collection	Geoscience Map (General)
ARMC007 432	Map section - Drill log summary - DDH 76 MM 03 - MM/JJ property - Figure 18		Property File Collection	Geoscience Map (General)
ARMC015 665	Plan showing mineral claims, geophysical grids and drillholes - MM claim project - Drawing No. 967-74		Property File Collection	Geoscience Map (General)
ARMC014 316	NTS sheet 105F - Quiet Lake with field notations		Property File Collection	Geoscience Map (General)
ARMC015 653	Panorama photo of MM claims noting faults and units		Property File Collection	Photos
ARMC015 657	Stratigraphic sequence for the MM/JJ/DD area with notes - Table 1		Property File Collection	Miscellaneous Company Documents
ARMC015 707	Summary report - MM project		Property File Collection	Report
ARMC015 697	'MM' baseline - Seagull Creek - Drawing No. 567-74		Property File Collection	Geoscience Map (General)
ARMC015 702	MM claims trenching - Field notes, assay results		Property File Collection	Miscellaneous Company Documents
ARMC015 671	MM samples and assay logs		Property File Collection	Drill Logs
ARMC015 669	MM/JJ claims - Vertical section C-D map - Figure 5		Property File Collection	Geoscience Map (General)
ARMC015 686	Horizontal loop EM survey notes - DD claim		Property File Collection	Miscellaneous Company Documents
ARMC015 696	Specific gravity determinations and sketch maps - 1974 MM drill core and magnetometer survey		Property File Collection	Geoscience Map (General)
ARMC015 692	Sketch map - CEM shootback survey - DD claims		Property File Collection	Geoscience Map (General)
ARMC015 688	Sketch map - DD claims grid		Property File Collection	Geoscience Map (General)
ARMC015 687	Sketch map - DD claims grid - Showing area of anomalous geochem		Property File Collection	Geoscience Map (General)
ARMC015 690	Sketch map - DD group - HEM survey		Property File Collection	Geoscience Map (General)
ARMC015 691	Sketch map - Magnetometer survey - DD claims		Property File Collection	Geoscience Map (General)
ARMC015 683	Sketch map - MM claims - with showings and drill hole		Property File Collection	Geoscience Map (General)
ARMC015 674	Sketch map of MM drill hole locations and notes		Property File Collection	Miscellaneous Company Documents
ARMC015 699	Sketch map of MM trench		Property File Collection	Geoscience Map (General)
ARMC015	Sketch map of Section through MM 87 trench with notes		Property File	Geoscience Map (General)

704	Sketch map of section through MM of bench with notes		Collection	Geoscience Map (General)
ARMC015685	Sketch map showing drill holes and sample numbers near Seagull Creek - DD claims		Property File Collection	Geoscience Map (General)
ARMC015676	Sketch map showing geology, structure, DDH holes and geochem - MM project		Property File Collection	Geoscience Map (General)
ARMC015660	Sketch of survey - MM/JJ claims - Anvil Range		Property File Collection	Geoscience Map (General)
ARMC014920	Letter and notes re: Core samples for analysis - MM claim		Property File Collection	Miscellaneous Company Documents
ARMC014926	Figures 2-17 to accompany MM project summary report		Property File Collection	Miscellaneous Company Documents
ARMC014233	Claims map drawn on NTS sheet 105F - Quiet Lake		Property File Collection	Geoscience Map (General)
ARMC015700	Compilation of notes on MM claims		Property File Collection	Miscellaneous Company Documents
ARMC015694	Geochem report - DD claim - Report numbers: R-8043, R-8050, R-7022, R-7023		Property File Collection	Report
ARMC015695	Coordinates of DDH and WHI - MM claim project - File no. 967-74		Property File Collection	Miscellaneous Company Documents
ARMC015646	Anvil - MM project - Roll No. NW 110973 - Air photo flight maps		Property File Collection	Geoscience Map (General)
ARMC020390	Geology map - 105F/07 - Hand drawn markings - Pelly Mountain area		Property File Collection	Geoscience Map (General)
ARMC020179	Assay Log - DDH 96MM-01		Property File Collection	Drill Logs
ARMC020180	Diamond drill core log - DDH 96MM-01		Property File Collection	Drill Logs
ARMC020181	Structural log - DDH 96MM-01		Property File Collection	Drill Logs
ARMC020182	Geotechnical log - DDH 96MM-01		Property File Collection	Drill Logs
ARMC020183	Lithologic log - DDH MM96-01-01		Property File Collection	Drill Logs
ARMC020184	Alteration log - DDH MM96-01-01		Property File Collection	Drill Logs
ARMC020185	Fault log - DDH 96MM-01		Property File Collection	Drill Logs
ARMC020189	Diamond drill core log - DDH 96MM-02		Property File Collection	Drill Logs
ARMC020190	Assay log - DDH 96MM-02		Property File Collection	Drill Logs
ARMC020191	Lithologic log - DDH 96MM-02		Property File Collection	Drill Logs
ARMC020192	Fault log - DDH 96MM-02		Property File Collection	Drill Logs
ARMC020193	Geotechnical log - DDH 96MM02		Property File Collection	Drill Logs
ARMC020194	Structural log - DDH 96MM-02		Property File Collection	Drill Logs
ARMC020195	Alteration log - DDH 96MM-02		Property File Collection	Drill Logs
ARMC020196	Diamond drill core log - DDH 96MM-03		Property File Collection	Drill Logs
ARMC020197	Lithologic log - DDH 96MM-03		Property File Collection	Drill Logs
ARMC020198	Structural log - DDH 96MM-03		Property File Collection	Drill Logs
ARMC020199	Alteration log - DDH 96MM-03		Property File Collection	Drill Logs
ARMC020200	Geotechnical log - DDH MM-03		Property File Collection	Drill Logs
ARMC020201	Camp location map - MM/JJ claims		Property File Collection	Geoscience Map (General)
ARMC020202	Vertical section A-B - MM/JJ claims - Figure 4		Property File Collection	Geoscience Map (General)
ARMC020203	Geology of drilling area - MM/JJ claims - Figure 3		Property File Collection	Geoscience Map (Geological - Bedrock)

ARMC020204	Soil geochemistry - Pb - MM/JJ claims - Figure 2	Property File Collection	Geochemical Map
ARMC020205	Property geology - MM/JJ claims - Figure 1	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC020206	Alteration log - DDH 96MM-04	Property File Collection	Drill Logs
ARMC014921	Geochemical lab report - MM claim - Report no. V88-10210.0	Property File Collection	Miscellaneous Company Documents
ARMC018276	Assay book - 1976 - Dy, MM, MacMillan, Pelly, Swim Lake	Property File Collection	Assays
ARMC018277	Assay book - 1977 - Dy, Pelly, MM	Property File Collection	Assays
ARMC014922	Assay logs, fault logs - MM claim - DDH 96 MM-01	Property File Collection	Drill Logs
ARMC015663	Fault map of MM claims	Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC017499	Sample assay sheets - Random grab samples - MM claims	Property File Collection	Assays
ARMC017502	Soil sample sheets - MM project	Property File Collection	Miscellaneous Company Documents
ARMC015705	Assays results - MM claim	Property File Collection	Assays
ARMC015655	Daily status report - Diamond drilling - MM/JJ claims	Property File Collection	Drill Logs
ARMC015682	Field notes - MM geology - Structure and colored geology	Property File Collection	Miscellaneous Company Documents
ARMC015703	Field notes, sketch map of barite horizon in trench - MM claims	Property File Collection	Miscellaneous Company Documents
ARMC015680	Certificate of assay, assay values, assay notes, and grab sample assay - MM claims	Property File Collection	Assays
ARMC014925	Diamond drill core logs - MM claim - 96 MM-01 to 04	Property File Collection	Drill Logs
ARMC017925	Field book - MM-76 drillholes - MM claim	Property File Collection	Drill Logs
ARMC014924	Set of MM claim diamond drill records 1973 - 1977	Property File Collection	Drill Logs
ARMC014928	Geological report on the MM claim group - Watson Lake mining district - Yukon Territory - Field work done during the period July 2 to 20, 1978	Property File Collection	Report
ARMC014313	Pelly project summary report: 1978 - Watson Lake mining district, Yukon Territory - Field work done during the period: June 12 - August 30, 1978	Property File Collection	Report
ARMC015654	Profile A-A' map with notations - MM/JJ property	Property File Collection	Geoscience Map (General)
ARMC014919	Diamond drill record - MM claim - Hole No. 73 MM 01	Property File Collection	Drill Logs
ARMC014918	Diamond drill record - MM claim - Hole No. 76 MM 01 to 06	Property File Collection	Drill Logs
ARMC014917	Diamond drill record - MM claim - Hole No. 77 MM 02	Property File Collection	Drill Logs
ARMC015679	Geochemical laboratory reports No. 79-A, No. 93-A, and No. 84-A - MM claims - Project MM-460	Property File Collection	Assays
ARMC020207	Sketch of survey July 31, Aug 01, 1996 - MM/JJ claims - Anvil Range	Property File Collection	Geoscience Map (General)
ARMC020208	MM summary logs - DDH 73MM through 77MM	Property File Collection	Drill Logs
ARMC017513	Soil sample geochemical results analyses - Quiet, Glenlyon, MM, Seagull, and Tummel	Property File Collection	Miscellaneous Company Documents
ARMC017514	Arithmetic averages for Tummel-Pelly Basin and Seagull Creek	Property File Collection	Miscellaneous Company Documents