



Occurrence Details

Occurrence Number: 105M 027
Occurrence Name: Titan
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 7:37:39 AM

General Information

Secondary Commodities: lead, silver, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 63°57'26" N - -135°33'25" W
NTS Mapsheet(s): 105M13
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as the UR cl (80519) in Aug/60 by A.E. Aho and transferred to Silver Titan ML, which performed bulldozer trenching in 1963-64 with financing provided by the Titan Project JV (Noranda, Kerr Addison, Canex and Homestake Mg CL). The adjoining Cat cl (82408) staked in Oct/62 by H. Verslucce were restaked by Silver Titan in Mar/65 as the Shur cl (83949). The property was sold to Feso Silver ML in Dec/65 and transferred to Cima ML (an Atlas EL subsidiary) in Sep/67. Restaked in Mar/74 as CH 1-224 cl (Y87340) by United Keno Hill ML, which explored with grid soil sampling and minor trenching in 1974, 46 overburden drill holes (2792.0 m) in 1977 and 59 overburden holes (2844.7 m) in 1979. Canada Tungsten Mg Corp L added 627 Zap cl (YA38539) on the south side in Mar/79 and explored with reconnaissance silt, soil and lake bottom sampling in 1979-80 and airborne mag and EM surveys in 1981. Restaked in Dec/92 as AL (YB29452) and W cl (YB29447) by B. Kreft.

Capsule Geology

The claims are underlain by the Mississippian Keno Hill Quartzite, structurally overlain by phyllite and schist of the Late Proterozoic-Early Cambrian Hyland Group, on the north limb on the McQuesten Anticline. Evidence of at least one strong vein includes vein breccia and siderite gangue float in overburden and one bedrock exposure 1.8 m wide. Galena obtained by panning overburden assayed 7542.7 g/t Ag. The United Keno overburden drilling returned encouraging results.

References

AHO, A.E., 1961. Assessment Report *#017412 by A.E. Aho.

GEOLOGICAL SURVEY OF CANADA Paper 64-36, p. 13.

MURPHY, D.C., HUNT, J.A., ROOTS, C.F., AND POOLE, W.H., 1993. Geological map of Mount Haldane (105M/13), Central Yukon. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-6.

ROOTS, C.F., AND MURPHY, D.C., 1992. Geology of Mayo Map Area (105M). Geological Survey of Canada Open File 2483.

SILVER TITAN MINES LTD, 1963. Assessment Report *#092064 by D.D. Campbell.

UNITED KENO HILL MINES LTD, Mar/78. Assessment Report *#091279 by T. Levicki.

UNITED KENO HILL MINES LTD, Mar/80. Assessment Report *#090724 by unknown.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 208-209.

Work History

Date	Work Type	Comment
12/31/1981	Airborne Geophysics	Also magnetic survey.
12/31/1979	Drilling	Fifty-nine holes, 2,844.7 m.
12/31/1977	Drilling	Forty-six holes, 2,791.96 m.
12/31/1974	Geochemistry	
12/31/1974	Trenching	
12/31/1964	Trenching	On original Ur claims.
12/31/1963	Trenching	
12/13/1979	Geochemistry	Also silt and lake sediment sampling.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096732	2014	Assessment Report Describing Metallurgical Test Pits, Metallurgical Auger Drilling, Geotechnical Auger Drilling, Geotechnical Study, Environmental Baseline Studies, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Auger - Drilling, Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Geotechnical - Studies, Heritage/Archeological - Studies	9	96.77
094943	2006	2006 Geological, Aerial Photography and Orthophoto Assessment Report on the Keno Hill Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Interpretation - Airphotography, Orthophoto - Airphotography, Digitizing Data - Pre-existing Data, Photogrammetry - Remote Sensing		
094788	2004	2004 [Dublin Gulch] Geophysical Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
090564	1979	Geological, Geochemical, and Geophysical Report	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Seismic - Ground Geophysics, Research/Summarize - Pre-existing Data		
090724	1979	[1979 Overburden Drill Hole Logs on the CH Claims]	Percussion - Drilling, Drill Cuttings - Geochemistry	59	2843.78
091279	1978	[1978 Overburden Drill Hole Logs on the CH 19-29 Claims]	Reverse Circulation - Drilling, Drill Cuttings - Geochemistry	46	2613.66
091275	1976	[Overburden Drill Hole Logs on the CH Claims]	Reverse Circulation - Drilling, Drill Cuttings - Geochemistry	49	2193.34
090047	1975	Geological and Geochemical Report on the CH 1 to 224 and Reuben 1 to 6 Mineral Claims	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
061274	1974	Geological and Geochemical Report on the CH 1 to 224 Mineral Claims Inclusive	Soil - Geochemistry, Bedrock Mapping - Geology, Mechanical - Trenching		
060942	1970	Report on Aeromagnetic Survey-Keno Area, Yukon Territory	Magnetic - Airborne Geophysics		
062258	1965	[Summary of the Peso Silver Mines Ltd. Properties]	Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data, Resource Estimate - Studies		
092064	1963	The Silver Titan Story	Research/Summarize - Pre-existing Data		
017412	1961	Report on the UR Silver-Lead Property	Shaft Development - Development, Underground, Bedrock Mapping - Geology, Hand - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC006020	Correspondence Re: Shanghai property - Assay results		Property File Collection	Miscellaneous Company Documents
ARMC005792	Certificate of Assay - Shanghai Property		Property File Collection	Assays
ARMC005671	Titan project - Report on progress of exploration no. 3		Property File Collection	Report
ARMC005672	Titan project - Report on progress of exploration no. 4		Property File Collection	Report
ARMC005673	Titan project - Report on progress of exploration no. 6		Property File Collection	Report
ARMC005674	Titan project - Report on exploration of Galena Hill property		Property File Collection	Report
ARMC005675	Titan project - Report on exploration of Shanghai property		Property File Collection	Report
ARMC005624	Report - Silver in Yukon		Property File Collection	Report
ARMC005625	Report - The Ur silver-lead property		Property File Collection	Report
ARMC005626	A report on the geology of the main Shanghai claims		Property File Collection	Report
ARMC005628	Report on the Shanghai silver-lead property		Property File Collection	Report
ARMC005629	Trenching results - Shanghai claims		Property File Collection	Report
ARMC005630	Geology report - Silver Titan		Property File Collection	Report
ARMC005631	Results of drilling and its implications on the Galena Hill property		Property File Collection	Report
ARMC005632	Notes on Titan project		Property File Collection	Miscellaneous Company Documents
ARMC005633	Notes on Silver Titan		Property File Collection	Miscellaneous Company Documents

ARMC005634	Notes on the Titan project	Property File Collection	Miscellaneous Company Documents
ARMC005635	Reconnaissance stream sediment sampling programme - Titan project	Property File Collection	Report
ARMC005636	Detailed soil sampling grid map and report - Area "A" - Titan project	Property File Collection	Report
ARMC005637	Soil sampling grid map and report - Area B-1, Leo No. 16 - Titan project	Property File Collection	Report
ARMC005638	Soil sampling grid map and report - Area B-2, Leo No's 4 and 6 - Titan project	Property File Collection	Report
ARMC005639	Follow-up soil sampling grid map and report - KPO No. 1 - Titan project	Property File Collection	Report
ARMC005640	Follow-up soil sampling grid map and report - Area "B-2" - Titan project	Property File Collection	Report
ARMC005641	Soil sampling grid map and report - KPO no. 1 - Titan project	Property File Collection	Geochemical Map
ARMC005642	Soil sampling grid map and report - KPO No. 18 - Titan project	Property File Collection	Geochemical Map
ARMC005643	Soil sampling grid map and report - KPO no. 28 - Titan project	Property File Collection	Geochemical Map
ARMC005644	Geochemical soil sampling grid map and report over UR claim No's 3-8 - Titan Project	Property File Collection	Geochemical Map
ARMC005645	Poil Creek Spring soil sampling grid map and report - Ur group - Titan project	Property File Collection	Geochemical Map
ARMC005646	Proposed prospect shafts on Titan project	Property File Collection	Report
ARMC005647	Report on the UR silver-lead property	Property File Collection	Report
ARMC005648	Memorandum Re: Geochemical analyses of soil samples from the Silver Titan property	Property File Collection	Miscellaneous Company Documents
ARMC005649	Correspondence Re: Titan project - Monthly report, mid-August - mid-September, 1963	Property File Collection	Miscellaneous Company Documents
ARMC005650	Correspondence Re: Geochemical prospecting report	Property File Collection	Miscellaneous Company Documents
ARMC005651	Correspondence Re: Geochemical data from the Mayo area	Property File Collection	Miscellaneous Company Documents
ARMC005652	Correspondence Re: Mayo stream sediment and grid sampling	Property File Collection	Miscellaneous Company Documents
ARMC005653	Correspondence Re: Titan project - Ewing-Bleiler property - Mt. Haldane - Soil sampling program	Property File Collection	Miscellaneous Company Documents
ARMC005654	Correspondence Re: Titan project - Monthly report, mid-September to mid-October, 1963	Property File Collection	Miscellaneous Company Documents
ARMC005655	Correspondence Re: Sediment sampling from Mayo	Property File Collection	Miscellaneous Company Documents
ARMC005656	Correspondence Re: Interpretation of the geochemical results obtained from Dr. Clews	Property File Collection	Miscellaneous Company Documents
ARMC005663	Correspondence Re: Titan project - Monthly report, mid-May to mid-June, 1963	Property File Collection	Miscellaneous Company Documents
ARMC005664	Titan Project - Progress report no. 1	Property File Collection	Report
ARMC005665	Report on progress of exploration - Titan project	Property File Collection	Report
ARMC005666	Correspondence Re: Titan project - Monthly report, mid-June to mid-July, 1963	Property File Collection	Miscellaneous Company Documents
ARMC005667	Correspondence Re: Titan project - Monthly report - mid-July to mid-August, 1963	Property File Collection	Miscellaneous Company Documents
ARMC005668	Correspondence Re: Titan project - Progress report - Correction to be made in previous monthly report	Property File Collection	Miscellaneous Company Documents
ARMC005669	Correspondence Re: Titan project - The feasibility of further trenching	Property File Collection	Miscellaneous Company Documents
ARMC005670	Titan project - Report on progress of exploration no. 2	Property File Collection	Report
ARMC008966	Report - Vein-fault zones on Galena Hill - Mayo M.D.	Property File Collection	Report
ARMC008967	News - Silver, An attractive investment	Property File Collection	News Release
ARMC008977	Map - Mineral claim holdings in Mayo district	Property File Collection	Geoscience Map (General)

ARMC008978	Area B-2 notes - Titan		Property File Collection	Miscellaneous Company Documents
ARMC008980	Hector-Calumet mine map and compilation of exploration data on eastern half of Galena Hill property of Silver Titan Mines		Property File Collection	Geoscience Map (General)
ARMC008981	Plan map of Ur group of claims - Mayo M.D.		Property File Collection	Geoscience Map (General)
ARMC008982	Plan map of No. 1 trench and adit on Shanghai property - Mayo M.D.		Property File Collection	Geoscience Map (General)
ARMC008983	Correspondence Re: Reconnaissance stream sediment sampling - Titan project		Property File Collection	Miscellaneous Company Documents
ARMC008984	Plan map of underground workings of Yukon Silver-Lead mining company - Ewing-Bleiler property on Mt. Haldane - Mayo M.D.		Property File Collection	Geoscience Map (General)
ARMC008985	Geophysical map - Ur group		Property File Collection	Geophysical Map
ARMC008986	Notes - Titan project		Property File Collection	Miscellaneous Company Documents
ARMC008987	Plan map of geochemical grid area - Ur spring location		Property File Collection	Geochemical Map
ARMC008988	Location Map showing local geology, bulldozer trenches and geochemical soil sampling grid - Silver Titan project - North Limb Properties - Shanghai group		Property File Collection	Geoscience Map (General)
ARMC008989	Notes - Titan project		Property File Collection	Miscellaneous Company Documents
ARMC008990	Correspondence Re: Continuing work - Titan		Property File Collection	Miscellaneous Company Documents
ARMC008991	Letter Re: Titan project		Property File Collection	Miscellaneous Company Documents
ARMC008994	Plan map of Bottom Shaft No. 1 and No. 2 - Area B-2 - Titan project - Galena Hill property		Property File Collection	Geoscience Map (General)
ARMC008995	Map section IX - Shaft b - Area B-2 Shaft 2		Property File Collection	Geoscience Map (General)
ARMC008996	Partial sketch map of Shanghai trench locations		Property File Collection	Geoscience Map (General)
ARMC008997	Certificate of assay - Shanghai property - Silver Titan project		Property File Collection	Assays
ARMC008998	Report - Mayo-Silver Titan project		Property File Collection	Report
ARMC008999	Plan map of No. 1 trench and adit on Shanghai property		Property File Collection	Geoscience Map (General)
ARMC007323	News - The Silver Titan story		Property File Collection	News Release
ARMC007324	Prospectus - Silver Titan		Property File Collection	News Release
ARMC007409	Location map showing local geology, bulldozer trenches and geochemical soil sampling grid - Silver Titan project - North Limb Properties - UR group		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC007415	Claim map - Sheet 105-M-13 - Mount Haldane		Property File Collection	Geoscience Map (General)
ARMC007416	Correspondence Re: Titan project		Property File Collection	Miscellaneous Company Documents
ARMC007419	Diagrammatic sequence of formation of Hector-Calumet type structure - Titan project		Property File Collection	Geoscience Map (General)
ARMC007420	Section map - Mayo silver-lead district looking northeast at potential and produced ore zones - Titan project		Property File Collection	Geoscience Map (General)
ARMC007424	Map - Bulldozer trench no. 2 - Shanghai property		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC007425	Map - Bulldozer trenches no.'s 4, 6 and 7 - Shanghai property		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC007426	Mercury detector results plotted in profile - Silver Titan project - Shanghai group		Property File Collection	Geochemical Map
ARMC007427	Location map and mercury detector results - Silver Titan project - Shanghai group - Lundquist showings		Property File Collection	Geochemical Map
ARMC007725	Proposed development of silver potential of a portion of the Mayo district, Yukon		Property File Collection	Report
ARMC007484	News clipping - Work progressing rapidly on Silver Titan's Shanghai		Property File Collection	News Release
ARMC007485	Mayo Silver Mines Limited brochure and correspondence		Property File Collection	News Release
ARMC007	Process report to shareholders - Silver Titan Mines Limited		Property File	News Release

486	Progress report to shareholders - Silver Titan Mines Limited		Collection	News Release
ARMC007487	Proposed development of silver potential of a portion of the Mayo District, Yukon		Property File Collection	News Release
ARMC007488	Ecological engineering and biological polishing for drainage from the Faro waste rock dumps		Property File Collection	Report
ARMC007489	Correspondence Re: Proposed exploration of UR property		Property File Collection	Miscellaneous Company Documents
ARMC007490	Correspondence Re: The UR property, Elsa district		Property File Collection	Miscellaneous Company Documents
ARMC008937	Mount Haldane claim map - Sheet 105-M-13		Property File Collection	Geoscience Map (General)
ARMC008938	Compilation map of exploration to date - Galena Hill property - Mayo		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC008939	Diagrammatic cross-section along line A-B and geological map - Galena Hill area		Property File Collection	Geoscience Map (General)
ARMC008941	Map section across McQuesten anticline		Property File Collection	Geoscience Map (General)
ARMC008945	Geologic plan map of Ur silver-lead property		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC007407	Geologic plan map of Ur silver-lead property		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC007408	Geologic plan map of Ur silver-lead property		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC014843	Zones being explored on Galena Hill property		Property File Collection	Geoscience Map (General)
ARMC014845	Plan map of UR property showing main areas of interest - Titan project		Property File Collection	Geoscience Map (General)
ARMC014911	Titan project - Reconnaissance stream sediment sampling programme report		Property File Collection	Report
ARMC014844	Mercury (total) and heavy metal (Cx) profiles (plotted over resistivity "high") - Galena Hill properties - Area "A" - Silver Titan project - Mayo		Property File Collection	Geochemical Map
ARMC014841	Area "A" - Plan showing resistivity, EM and mercury anomalies - Silver Titan project - Galena Hill property		Property File Collection	Geophysical Map
ARMC014842	Area "A" - Magnetic survey - Silver Titan project - Galena Hill property		Property File Collection	Geophysical Map
ARMC014764	Assay books #1-6 - Silver Titan Mines Ltd. - 1962 - 105M/13		Property File Collection	Assays
ARMC014765	Assay certificates - Silver Titan Mines Ltd.		Property File Collection	Assays
ARMC014766	Assay summary - Silver Titan Mines Ltd.		Property File Collection	Assays