



Occurrence Details

Occurrence Number: 106D 021

Occurrence Name: Peso

Occurrence Type: Hard-rock

Status: Deposit

Date printed: 8/6/2025 8:03:37 AM

General Information

Primary Commodities: lead, silver

Secondary Commodities: antimony, arsenic, bismuth, cadmium, copper, gold, zinc

Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au

Location(s): 64°1'28" N - -135°56'42" W

NTS Mapsheet(s): 106D04

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

Staked as Independence cl 1-8 (8098) in Jun/10 by J. Alverson and G. Huffman, who sank a 4.9 m shaft in 1912 and trenched until 1916. Restaked in Jun/49 as Peso cl(59282) by Alverson and C.D. Poll, who trenched with a bulldozer in 1950. The claims were optioned in 1951 and 1952 by A.W. Johnston and J.W. Powelson, and in 1960 by Tanar Gold Mines Ltd, which transferred the claims to a new company, Peso Silver Mines Ltd, in 1961. In late 1961 and 1962, Peso carried out 381 m of drifting and cross-cutting on the No. 1 Vein (northwest showing) and 874.8 m of drilling (16 holes), extensive trenching and 11.3 m of cross-cutting on the Rex vein. In late 1963, Charter Oil Company Ltd purchased a major interest in Peso and completed about 1 067 m of underground development and 1 067 m of underground drilling (35 holes) on the Rex vein in 1964.

Thirty-six claims on the north side of the Peso property were optioned early in 1972 to Alaskex Mining Corporation Ltd, which drilled 2 holes (127.4 m) later that year on the No. 1 Vein. Peso partially restaked the No. 1 Vein as MIC cl 1-8 (YA15331) in Jul/77, bulldozer trenched the Rex and Peso groups in Sep/77, added H cl 1-8 (YA30639) in Jun/78 and changed its name to Rex Silver Mines Ltd in 1979.

Partly restaked as Mole cl 1-18 (YA41643) in May-Oct/80 by a joint venture between Canada Tungsten Mining Corporation and Queenstake Resources Ltd. P. Howard staked Colleen cl 1-40 (YA62493) to the north of the old workings in Jun/81 and optioned them briefly to Mattagami Lake Mines Ltd, which performed preliminary mapping and sampling. In Oct/94 Queenstake Resources transferred its interest in the Mole claims to Ivanhoe Goldfields Ltd. A successor company to H6000 Holdings Ltd.

M.J. Moreau tied on Pierre cl 1-20 (YA77744) in Aug/85, explored with hand trenching in 1986 and bought the Peso and Rex claims at a Sheriff's sale in Aug/88 and added Pierre cl 13-84 (YB2095) in Mar and Oct/88 and Oct/89. Moreau restaked Mole cl 1-6, 13-14 (YB03787) and cl 15 -18 (YB03747), Peso cl 1-2, 11-12 YB03795), Rex cl 1-8 (YB03721) and Pierre cl 1-12 (YB03799), cl 27,29 and 30 (YB03729), cl 33 (YB03746) and cl 75, 77, 79, 81 (YB03732) in Aug/90. Aurum Geological Consultants Inc conducted a small sampling and evaluation program for Moreau in Jun/91.

H6000 Holdings Ltd surrounded the property with West cl 1-370 (YB18868) in Aug/91 and optioned them to Fairbanks Gold Ltd, a wholly owned subsidiary of Amax Gold Inc. Amax carried out a soil geochemical survey on the Pierre, Mole and West claim groups in 1992, obtaining first right of refusal on the Mole and Pierre claims in return for filing two years' assessment work. H6000 subsequently changed its name to Ivanhoe Goldfields Ltd.

Ivanhoe staked W cl 1-19 (fractional - YB42202) between the West and Pierre groups in Jun/93, and soil sampled on the West and Sec claims and W fractional claims in Sep/93.

In Aug/94 First Dynasty Mines Ltd acquired Ivanhoe Goldfields Ltd. In Oct/94 First Dynasty restaked part of the West claims as the Rosie cl 1-15 (YB43714). In 1995, First Dynasty and in 1996 its wholly owned subsidiary, New Millennium Mining Ltd, carried out a major drilling program to outline a core resource/reserve on the Eagle Zone (Minfile Occurrence #106D 025). The company also carried out diamond drilling on Potato Hills (Minfile Occurrence #106D 026) to test for mineralization under the proposed heap leach pad area. In 1997, New Millennium carried out geochemical sampling for heavy minerals of Secret Creek and two of its tributaries which drain the West and W1 claims.

Capsule Geology

The area has not yet been remapped by the Yukon Geological Survey however C. Roots (1997) of the Geological Survey of Canada under contract with the Exploration and Geological Services Division (now part of the Yukon Geological Survey) remapped topographic map sheet 105M located directly to the south in the mid-1990's. In 2003 Gordey and Makepeace released a geological compilation of the Yukon which covered this area.

The occurrence consists of numerous quartz veins containing silver, lead and antimony that cut quartzite and schist of the Late Proterozoic-Early Cambrian Hyland Group. The veins are typically highly sheared, chloritic, narrow, many-branching vein-faults which trend 070° and dip 45 to 60°. Less than 20% of the drifted veins are mineralized.

Mineralized sections vary from 1.2 to 4.3 m wide and contain quartz, carbonates, pyrite, jamesonite, tetrahedrite, galena and sphalerite. Peso Silver Mines Ltd calculated a proved and probable resource for the Rex and No. 1 veins of 139 371 tonnes grading 716 g/t silver and 3.7% lead (Historical Calculation, not 43-101 compliant) (by D.D Campbell - assessment report #062258 p.37). Ground conditions are very poor and mining conditions are more difficult than average for the Keno Hill district.

The 1977 trenching on the Rex group exposed the vein zone over a length of 83.8 m. The best chip sample returned 318.8 g/t silver and 0.07 g/t gold across 1.4 m. Another trench to the southwest exposed a faulted offset of the Rex Vein, a highly oxidized grab sample from which assayed 270.8 g/t silver and 0.17 g/t gold. Moreau's 1991 results confirmed the grade and location of the previously sampled high grade veins. Samples collected from the No. 3 vein (east) near a biotite granodiorite sill returned up to 1 720 ppb gold and low silver values. Amax obtained only a few weak gold soil anomalies, but rock chips from the No. 3 vein contained up to 0.51 g/t gold.

References

AURUM GEOLOGICAL CONSULTANTS INC, Feb/92. Assessment Report #093014 by R.W. Hulstein.

FIRST DYNASTY MINES LTD, Mar/96. Assessment Report #093409 by M. Sieb.

FIRST DYNASTY MINES LTD, 1995. Annual Report.

GEOLOGICAL SURVEY OF CANADA, Memoir 364, p. 134-137.

GEOLOGICAL SURVEY OF CANADA, Paper 61-23, p. 32-33; Paper 65-19, p. 20-22.

GOLDEN GATE EXPLORATION LTD, Oct/66. Assessment Report *#091305 by J. Sullivan.

GORDEY, S.P. AND MAKEPEACE, A.J. 2003: Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open File 1749 and Yukon

Geological Survey, Open File 2003-9 (D).

MACLEAN, T.A., 1914. Lode Mining in Yukon. Mines Branch Publication 222, 1914, p. 153-157.

MINERAL INDUSTRY REPORT, 1978, p. 14.

NEW MILLENNIUM MINING LTD, Jan/98. Assessment Report *#093753 by R.A. Doherty.

PESO SILVER MINES LTD, Nov/61. Assessment Report *#019055 by H.W. Pfeffer.

PESO SILVER MINES LTD, Oct/61. Assessment Report *#092063 by A.E. Aho.

PESO SILVER MINES LTD, Nov/65. Assessment Report #062258 by D.D. Campbell, p. 31-39.

PESO SILVER MINES LTD, Jan/73. Assessment Report *#091270 by L.B.G.

PESO SILVER MINES LTD, Feb/78. Assessment Report *#090444 by G.C. Gutrath.

PESO SILVER MINES LTD, Jan/88. Assessment Report #091699 by G. Gutrath.

ROOTS, C.F., 1997. Bedrock geology of Mayo area, central Yukon (105M). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-1, 1:50 000 scale.

ROOTS, C.F., 1997. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

WHITEHORSE STAR, 14 Jun/95; 21 Sep/95.

YUKON EXPLORATION & GEOLOGY 1995, p.8, 33. 1996, 13-14, 30, 32. 1997, p. 12, 35.

Work History

Date	Work Type	Comment
12/31/1997	Other	
12/31/1996	Studies	
12/31/1995	Studies	
12/31/1993	Geochemistry	Carried out on West, Sec and W fractional claims.
12/31/1992	Geochemistry	Work carried out on J. Moreau's claims by Amax under option agreement.
12/31/1991	Geochemistry	
12/31/1991	Geology	
12/31/1986	Trenching	
12/31/1977	Trenching	
12/31/1963	Drilling	Number of holes drilled: 35 Amount of work done: 1066.8 METRES
12/31/1963	Other	Amount of work done: 1066.8 METRES
12/31/1961	Drilling	Number of holes drilled: 16 Amount of work done: 875 METRES
12/31/1961	Trenching	
12/31/1961	Other	Amount of work done: 381 METRES Completed 11.28 m of crosscutting on the Rex claims.
12/31/1950	Trenching	
12/31/1912	Trenching	Trenching continued until 1916.
12/31/1912	Other	Amount of work done: 4.88 METRES

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097130	2017	Assessment Report on the VBW Claims: Geological, Geochemical and Remote Sensing Exploration Program - 2017	Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, LIDAR - Remote Sensing		
095592	2006	2006 Dublin Gulch Exploration Program	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Hand - Trenching	10	4281.51
094577	2004	2004 [Dublin Gulch] Geochemical Soil Sampling	Soil - Geochemistry		
094788	2004	2004 [Dublin Gulch] Geophysical Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
093142	1993	1993 Dublin Gulch Geochemical Assessment Report	Soil - Geochemistry		

093062	1992	1992 Dublin Gulch Geochemical Assessment Report	Soil - Geochemistry, Prospecting - Other		
090915	1981	1981 Exploration Program, Dublin Gulch	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching		
090482	1978	1978 Project Report on the Secret Creek Property	Orthophoto - Airphotography, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other, Surveying - Other, Mechanical - Trenching		
090471	1978	1978 Project Report on the Dublin Gulch Property	Orthophoto - Airphotography, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Prospecting - Other		
091270	1972	[Diamond Drilling Logs and Assay Results on the Peso Silver Property]	Diamond - Drilling, Drill Core - Geochemistry	2	126.20
062258	1965	[Summary of the Peso Silver Mines Ltd. Properties]	Data Compilation - Pre-existing Data, Research/Summarize - Pre-existing Data, Resource Estimate - Studies		
092069	1964	Prospectus on the Mayo Silver Mines Ltd.	Property Evaluation - Other, Preliminary Economic Assessment - Studies		
019055	1961	Summary Report, Mayo-Keno Area Properties	Cursory Property Visit - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC006664	Notes - Johnson deal		Property File Collection	Miscellaneous Company Documents
ARMC006665	Sketch map - Rex, Bell, Polaris groups		Property File Collection	Geoscience Map (General)
ARMC006012	Correspondence Re: Peso Silver property, Mayo district		Property File Collection	Miscellaneous Company Documents
ARMC006013	Map - Mayo district - Yukon Territory		Property File Collection	Geoscience Map (General)
ARMC006015	First annual report 1962 - Peso Silver Mines Ltd.		Property File Collection	Report
ARMC006016	Report - Peso		Property File Collection	Report
ARMC006017	Comments on metallurgy report on oxidized ore - No. 1 shaft - Peso		Property File Collection	Report
ARMC006018	Mineral properties of the E.H. Barker estate - Peso		Property File Collection	Report
ARMC006019	Report on No. 1 crosscut into No. 1 vein - Peso		Property File Collection	Report
ARMC006021	Progress report on Peso Silver property		Property File Collection	Report
ARMC006023	Report on progress of underground exploration program - Peso		Property File Collection	Report
ARMC006024	Sample descriptions - Peso claims		Property File Collection	Miscellaneous Company Documents
ARMC006025	Preliminary air photo interpretation - Haggart Creek district - Peso		Property File Collection	Geoscience Map (General)
ARMC006026	Spring summary report - Peso		Property File Collection	Report
ARMC006027	Progress Report No. 1 - Preliminary tests on oxide ore from No. 1 vein - Metallurgical tests on samples of silver ore		Property File Collection	Report
ARMC006028	Progress report on Peso property		Property File Collection	Report
ARMC006049	Assay certificate - File No. I082-I6 and field notes - Peso		Property File Collection	Assays
ARMC006050	Notes and sketch maps - Peso silver mines		Property File Collection	Miscellaneous Company Documents
ARMC006051	Notes taken during lunch with Walker early in December, 1961		Property File Collection	Miscellaneous Company Documents
ARMC006052	Notes RE: Peso silver		Property File Collection	Miscellaneous Company Documents
ARMC006053	Correspondence Re: Peso silver		Property File Collection	Miscellaneous Company Documents
ARMC006054	Topographic map - Dublin Gulch		Property File Collection	Geoscience Map (General)
ARMC006055	Map - East Wall - No. 1 shaft - Peso silver mines		Property File Collection	Geoscience Map (General)

ARMC006056	Map of claims and known mineralization - Haggart Creek - Peso		Property File Collection	Geoscience Map (General)
ARMC006057	Plan map of No. 3 vein - Peso		Property File Collection	Geoscience Map (General)
ARMC006058	Sketch plan map - Silver-lead-antimony veins - Peso property		Property File Collection	Geoscience Map (General)
ARMC006059	Sketch map of mineral claim holdings in Mayo silver district		Property File Collection	Geoscience Map (General)
ARMC006060	Detailed plan map of stripping W. of Tr. #18 - Peso #1 vein - Peso silver mines		Property File Collection	Geoscience Map (General)
ARMC006061	Assay plan map - Rex view		Property File Collection	Geoscience Map (General)
ARMC006062	Plan map of Peso No. 1 and No. 2 veins		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC006063	Plan of map Rex vein		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC006064	Mineral claim holdings in Mayo district - Peso		Property File Collection	Geoscience Map (General)
ARMC006065	Map showing Peso Silver Mines claims		Property File Collection	Geoscience Map (General)
ARMC006066	Claim map - Peso Silver Mines		Property File Collection	Geoscience Map (General)
ARMC006067	Investigation of a sample of silver-lead-antimony ore - Peso		Property File Collection	Report
ARMC006068	Assay plan map - Silver assays - Peso silver		Property File Collection	Geoscience Map (General)
ARMC006069	Assay plan map - No. 1 drift - Peso		Property File Collection	Geoscience Map (General)
ARMC006070	Map - Peso		Property File Collection	Geoscience Map (General)
ARMC007716	Summary report of Peso Silver Mines Limited interests in the Yukon		Property File Collection	Report
ARMC007546	Review report on the geology and ore reserves of the Peso Silver Mines Ltd. properties		Property File Collection	Report
ARMC007549	Fourth Annual Report - 1965 - Peso Silver Mines		Property File Collection	Report
ARMC007608	Peso silver - Interests in the Yukon Territory		Property File Collection	News Release
ARMC012948	Mine plan - Rex Vein east - Peso		Property File Collection	Geoscience Map (General)
ARMC012949	Mine plan - Surface exploration - M-11 - Peso		Property File Collection	Geoscience Map (General)
ARMC012950	Surface exploration - 1962 - Peso		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC012951	Survey plan - Peso		Property File Collection	Geoscience Map (General)
ARMC012952	Map section - DDH 1 & 2 - Peso		Property File Collection	Geoscience Map (General)
ARMC012956	Map section - DDH 10 - Peso		Property File Collection	Geoscience Map (General)
ARMC012957	Map section - DDH 11 - Peso		Property File Collection	Geoscience Map (General)
ARMC012958	Map section - DDH 12 & 13 - Peso		Property File Collection	Geoscience Map (General)
ARMC012953	Map section - DDH 3, 4 & 5 - Peso		Property File Collection	Geoscience Map (General)
ARMC012954	Map section - DDH 6 & 7 - Peso		Property File Collection	Geoscience Map (General)
ARMC012955	Map section - DDH 8 & 9 - Peso		Property File Collection	Geoscience Map (General)
ARMC012751	Map collection of surface exploration for 1962 and 1963 - Peso- Map numbers J-13, K-13, K-14, L-11, L13, M-13, M-14		Property File Collection	Geoscience Map (General)

Resource/Reserve

Year	Zone	Type	Commodity	Grade	Tonnage	Amount	Reported Amount	43-101 Compliant	Cut-off
------	------	------	-----------	-------	---------	--------	-----------------	------------------	---------

