



Occurrence Details

Occurrence Number: 105F 017

Occurrence Name: Oxo

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/16/2025 7:37:37 AM

General Information

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

Deposit Type(s): Manto Polymetallic Ag-Pb-Zn

Location(s): 61°30'59" N - -132°13'23" W

NTS Mapsheet(s): 105F09

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked by E. Erickson and associates in 1954 as Onyx cl and in Apr/55 as Oxo cl (70340), which were transferred to Oxso Silver Mg & SCL and explored with hand trenching in 1955-53 and 2 x-ray holes (100 ft) in 1959. Restaked as Oxo cl (75628) in Apr/61 by W.B. Green and P. Verslucce, who hand trenched until 1968, when the property was optioned by Trans Yukon EL and explored with bulldozer trenching, geochemical and EM surveys in 1968 and 22 holes (1524.3 m) in 1969. In Sept/94 H. Regehr et al. dug 28 trenches and removed 2,141 m³ of material from the Oxo claims.

A. Kopinec optioned the property in 1978 and performed hand trenching. E. Kopinec and H. Regehr trenched on the Oxo showing in 1985 and 1991.

Fringe claims include John cl (77310) in Nov/61, Moon cl (Y16630) in Oct/66 and Star cl (Y74098) in Aug/73 to the west and south by A. Kopinec; and Joe cl (Y16290) to the south in Sep/66 by M. Carey. Noranda tied on Katz cl (YA90545) to the east in Feb/86, which were restaked as Stack cl 1f-13f and MP cl 1-20 (YB00106) in Mar/8 by Mountain Province Mining Inc, which carried out geochemical soil sampling in 1988 and geological mapping in 1989.

Capsule Geology

Galena, pyrite and a trace of sphalerite and chalcopyrite occur in a 30 x 6 m pyrrhotite lens which is conformable with bedding in Lower Cambrian limy argillite. An irregular quartz vein containing sporadic arsenopyrite and chalcopyrite occurs 15 m to the southeast. The following surface assays were reported:

Description Ag Pb Cu Zn Au

(g/t) (%) (%) (%) (g/t)

2.4 m chip sample by Woodcock 329.1 12.0 - - -

3.7 m chip sample by GSC 349.7 12.7 0.03 0.4 0.7

Average of 5 channel samples

by A.E. Aho, W. Montgomery,

& A. Parker - 2.6 m width: 291.4 10.3 - - 0.3

Grab sample of quartz vein 10.3 - 7.7 - 0.3

The drilling tested a strike length of 370 m and encountered spotty mineralization. The best intersections were 2.5% Cu, 58.3 g/t Ag across 1.3 m in Hole 21 and 4.7% Pb, 123.4 g/t Ag across 2.7 m in Hole 8.

A lead-zinc-silver anomaly in the centre of the MP claims coincides with the faulted contact between Cambro-Ordovician limestone and phyllite and Devono-Mississippian graphitic shale. An anomaly on the southern MP claims appears to be associated with galena-bearing quartz-carbonate float and quartz stringers with purple fluorite.

References

CATHRO, M.S., 1987. Gold and silver, lead deposits of the Ketz River District, Yukon: Preliminary results of field work. In: Yukon Geology Vol. 2; G. Abbott (ed.); Exploration and Geological Services Division, Indian and Northern Affairs Canada, p. 8-26.

CONWEST EXPLORATION LTD, 1955. Assessment Report #018893 by J.R. Woodcock.

GEOLOGICAL SURVEY OF CANADA, Paper 65-19, p. 42-43.

MOUNTAIN PROVINCE MINING INC, Jan/88. Assessment Report *#092657 by S.P. Williams.

MOUNTAIN PROVINCE MINING INC, Feb/90. Assessment Report #092819 by C.G. Verley.

TRANS YUKON EXPLORATIONS LTD, 1968. Assessment Report #060844 by T.L. Sadlier-Brown.

TRANS YUKON EXPLORATIONS LTD, Nov/68. Assessment Report #019924 by P.H. Sevensma.

YUKON EXPLORATION 1989, p. 43.

Work History

Date	Work Type	Comment
12/31/1994	Trenching	H. Regehr dug 28 trenches and removed 2 141 m ³ of material.
12/31/1991	Trenching	Work carried out on Oxo claims by E. Kopinec and H. Regehr.

12/31/1985	Trenching	
12/31/1978	Trenching	Work carried out by A. Kopinec.
12/31/1969	Drilling	Twenty two holes, 152.4 m.
12/31/1968	Geochemistry	
12/31/1968	Ground Geophysics	Also magnetic survey.
12/31/1968	Trenching	
12/31/1961	Trenching	
12/31/1959	Drilling	Two holes, 30.48 m. X-ray diameter.
12/31/1955	Trenching	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092542	1988	Drill Logs and Maps fro Drilling on Ketza River Property	Diamond - Drilling	5	512.67
091767	1987	1987 Geophysical Assessment Report, High River/Quillo Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
060844	1968	A Report on the OXO Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology , EM - Ground Geophysics, Magnetics - Ground Geophysics		
019924	1967	Trans-Yukon Exploration Ltd, Oxo Group	Bedrock Mapping - Geology, EM - Ground Geophysics		
017500	1955	Geologic Report on the Kay Group of Claims and Upper White Creek	Bedrock Mapping - Geology		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC014426	Report on Upper White Creek, Ketza River area, Y.T.		Property File Collection	Report
ARMC014425	Summary report on silver-lead mineralization in the Upper White Creek Area, Y.T.		Property File Collection	Report
ARMC014255	Sketch map of Oxo 19 showing - Upper Ketza River, Y.T.		Property File Collection	Geoscience Map (General)
ARMC014284	Sketch map showing mineralization and claims at Upper White Creek Y.T.		Property File Collection	Geoscience Map (General)
ARMC014266	Sketch plan of Oxo 19 showing - Upper Ketza River, Y.T.		Property File Collection	Geoscience Map (General)
ARMC014265	Sketch showing mineralization near Versluc Fault - Ketza River District, Y.T.		Property File Collection	Geoscience Map (General)