



Occurrence Details

Occurrence Number: 106C 140
Occurrence Name: Jorge
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/16/2025 4:38:37 AM

General Information

Secondary Commodities: lead, silver, zinc
Aliases: Vera
Deposit Type(s): Manto Polymetallic Ag-Pb-Zn, Sediment hosted Mississippi Valley-Type Pb-Zn (MVT)
Location(s): 64°19'12.57" N - -133°45'4.97" W
NTS Mapsheet(s): 106C05
Location Comments: Location based on showing map (AR 093968).
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Vera cl 1-164 (YA37382) in July, 1978 by Prism Joint Venture (Asamera Oil Corporation, Chieftain Development Company Ltd., Prism Resources Ltd., Siebens Oil & Gas Ltd. and E & B Exploration Ltd.). In 1979, Dome Petroleum Ltd. replaced Siebens in the joint venture. Dome dropped its interest and E & B Exploration's interest was transferred to Imperial Metals Ltd. in 1983 and acquired in 1984 by Prism, at which time Prism became project operator. In 1985, Prism changed its name to International Prism Exploration Ltd. In October 1997, 15966 Yukon Inc., a wholly owned subsidiary of Manson Creek Resources Ltd., staked Rusty cl 1-131 (YB99989) surrounding the occurrence. Manson Creek performed a ground IP survey in 1998 that identified a chargeability anomaly corresponding to a grab sample with elevated silver that became known as the "Jorge Zone". Two holes were drilled by Manson Creek as a follow-up in 1999.

A regional airborne geophysical survey was conducted over the claim block in 2001 (no report available). In 2009, Shawn Ryan re-staked the area covering the occurrence and surrounding showings as Vera 1-12 (YC70677-YC70688) and performed a soil survey.

Regional & Property Geology

The occurrence is located at the southern edge of the Mackenzie Platform, a predominantly shallow water carbonate and clastic sequence that formed on the western margin of the North American craton during Lower Proterozoic through Paleozoic times. The regional geology consists of Upper Proterozoic Rapitan(?) Group mudstones overlain by Upper Proterozoic Profeit Formation dolostones and Upper Proterozoic Nadaleen Formation silty limestone. Over these units are minor clastic and carbonate rocks of the Neoproterozoic to Lower Cambrian Hyland Group. Lower Paleozoic platform carbonates unconformably overlie these units. An arcuate east-west trending, south-dipping normal fault lies north of the occurrence, separating it from Paleoproterozoic Wernecke Supergroup clastic rocks and Upper Proterozoic Pinguicula Formation clastics and carbonates to the north.

Mineralization & Results

The Jorge occurrence was identified in 1998 by Manson Creek Resources as a chargeability anomaly that corresponded to a tetrahedrite rich grab sample collected from a narrow, sparry dolomite vein that roughly parallels the Vera Main vein trend. This sample returned 66.81 oz/ton (2290.6 g/t) Ag, 0.206 oz/ton (7.06 g/t) Au, 7.54% Cu, 0.09% Pb, and 0.55% Zn.

In 1999, Manson Creek drilled two holes at the Jorge occurrence which returned weakly mineralized sections. VE99-01 encountered two weakly mineralized zones that returned 2.1 ppm Ag, 301 ppm Pb and 3.9% Zn over 3.75 m and 4.7 ppm Ag, 2840 ppm Pb, and 4000 ppm Zn over 16.1 m. In drill hole VE99-02, a narrow altered and mineralized section was typified by locally intense brecciation, local Fe oxide staining, local trace to 3% disseminated pyrite, and localized clots and fracture coatings of galena and sphalerite. Assays through this section ranged between 0.1 to 44.0 ppm Ag, 16 to 222 ppm Pb, and 74 to 2900 ppm Zn over 7.5 m.

Soil sampling in 2009 by S. Ryan returned anomalous lead and antimony values in the Jorge occurrence area.

Work History

Date	Work Type	Comment
12/13/2009	Geochemistry	
12/13/2001	Airborne Geophysics	Also magnetics in a regional survey.
12/13/1999	Drilling	Two diamond drill holes.
12/13/1998	Geochemistry	Grab sample.
12/13/1998	Ground Geophysics	

Related References

Number	Title	Page(s)	Reference Type	Document Type
09-148	Geochemical Report on Lead Regional Areas - PBR and Vera		Yukon Government: Energy, Mines and Resources	YMEP Report