



Occurrence Details

Occurrence Number: 116A 013
Occurrence Name: Rimrock
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 5:05:57 PM

General Information

Secondary Commodities: antimony, gold, lead, silver, zinc
Deposit Type(s): Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex)
Location(s): 64°14'5" N - 137°58'30" W
NTS Mapsheet(s): 116A04
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Conwest Exploration Company Ltd staked the north showing (occurrence B) as Rimrock cl (87938) in Oct/66 and carried out mapping and sampling in 1967. It was partially restaked as RN cl (Y37972) by Hart River Mines Ltd in Jul/69.

The Aussie Syndicate (Silver Standard Mines Ltd and Asarco Inc) staked both occurrences within Aussie cl 1-62 (Y90131) in Sep/74 and conducted mapping, geochem and rock sampling in 1974 and 1975.

Both occurrences were restaked as Lake cl 1-30 (YA53738) in Sep/80 by Anaconda Canada Exploration Ltd, which performed detailed mapping and sampling in 1981.

The two occurrences were restaked as part of Lorrie cl 1-81 (YB17909) in Sep/88 by Walhala Explorations Ltd, which staked Jamie cl 1-4 (YB17905) approximately 5 km to the southwest. The company completed short prospecting and geological mapping programs in 1988 and 1989.

In Jun/90, Walhala sold the Lorrie and Jamie claims to Tombstone Explorations Co. Ltd which prospected, mapped, soil sampled and added Lorrie cl 101-124 (YB31145) Jamie cl 5-215 (YB30680) in June and July 1990. Placer Dome Inc optioned the property in 1991 and explored with geological mapping and geochemical sampling before relinquishing the option in Dec/91.

Noranda Exploration Co. Ltd tied on Cubb claims (YB38493) to the southeast in Oct/90.

In Oct and Nov/96 International Kodiak Resources Inc staked OB cl 1-568 (YC02987) and Wow cl 1-104 (YC04804) on the southern boundary of the remaining Lorrie and Jamie claims. The Wow claims encompassed the southern most occurrence (occurrence A). In Mar/98 the company added Pay Dirt cl 1-30 (YC06683) to the east. The company completed soil and silt sampling in 1997 and prospecting and rock sampling in 1998.

Capsule Geology

Gold, silver and copper occur in quartz-sulphide veins which cut Upper Cambrian and Ordovician, calcareous argillite assigned to the Rabbitkettle assemblage, near the margin of a small mid-Cretaceous syenite stock. There are two showings, north (occurrence B) and south (occurrence A).

The north vein contains pyrrhotite, pyrite, sphalerite, galena and chalcopyrite.

The south showing consists of several subparallel concordant veins averaging 0.6 to 0.9 m wide which have been traced for a length of 460 m. The veins dip 45 degrees, parallel to bedding, and strike west-northwest. They are well mineralized with (in decreasing order of abundance) pyrite, pyrrhotite, arsenopyrite, galena, sphalerite, jamesonite and chalcopyrite. The veins consist of a quartz-carbonate core surrounded by a sulphide envelope. Early chip samples averaged 2 to 10% Pb and 69 g/t Ag with minor values in the other metals. Three 1981 chip samples averaged approximately 350 g/t Ag, 5.7% Pb, 0.9% Zn, 0.2% Cu, 0.14% Sb and trace gold over 0.6 m for a length of about 100 m along one of the veins. Hornfelsed black argillite found in this area in 1990 contained stratabound galena and sphalerite which assayed up to 9.08% Pb, 11.8% Zn and 691.4 g/t Ag.

Placer Dome discovered a third mineralized area (Birdie and Bindie zones) about 1 km southeast of the south vein. This occurrence consists of quartz-sulphide lenses in a silicified, carbonatized shear zone in calc-silicate hornfels, which appears to be traceable beneath overburden for at least 3 km. Specimens of quartz-sulphide material from the Birdie zone contained up to 13.9 g/t Au. Samples of talus fines taken downhill from the Bindie zone returned numerous values in excess of 1000 ppb Au.

International Kodiak's exploration work was focused at relocating and re-sampling both the Rimrock south occurrence and the Birdie/Bindie zones. Grab samples of sulphide pod material from the Rimrock south occurrence (occurrence A) returned high values for silver of up to 229.5 ppm with accompanying high lead, zinc, arsenic and antimony. Quartz sulphide material from the Birdie/Bindie zone assayed as high as 1760 ppb Au. Elsewhere on the property, the company identified 4 areas of anomalous Au, As, Sb, Hg and Bi values. These areas were followed up with detailed grid soil sampling.

Work History

Date	Work Type	Comment
12/31/1998	Geology	
12/31/1998	Trenching	
12/31/1998	Other	
12/31/1991	Geochemistry	
12/31/1991	Geology	
12/31/1991	Geochemistry	
12/31/1989	Geochemistry	Also a few soil samples.
12/31/1989	Geology	
12/31/1989	Other	
12/31/1981	Geochemistry	

12/31/1981	Geology	
12/31/1974	Geology	
12/31/1974	Geochemistry	Also rock sampling.
12/31/1967	Geochemistry	
12/31/1967	Geology	
12/13/1998	Geochemistry	
12/13/1997	Geochemistry	Also silt sampling.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096411	2013	Airborne Geophysical Interpretation of the Mike Lake Property	Electromagnetic - Airborne Geophysics, Electromagnetic - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
095119	2008	Assessment Report Describing Geology, Mineralization and Diamond Drilling at the Mike Lake Property	Diamond - Drilling, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Resistivity - Ground Geophysics, Prospecting - Other, Environmental Assessment/Impact - Studies	68	10004
095029	2007	Assessment Report Describing the Geology, Mineralization and Diamond Drilling of the Mike Lake Property	Diamond - Drilling, Bedrock Mapping - Geology, Prospecting - Other	9	1822
094614	2005	Assessment Report Describing the Geology, Geophysics and Diamond Drilling of the Mike Lake Property	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics	19	2462.55
094574	2004	Assessment Report Describing the Geology, Geochemistry and Prospecting at the Mike Lake Property	Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Data Compilation - Pre-existing Data		
094510	2004	Assessment Report Describing the Geology, Geochemistry and Prospecting at the Mike Lake Property	Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
093922	1998	Assessment Report 1998 Geoloical, Geochemical and Geophysical Program Mike Lake Property	Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, IP - Ground Geophysics, Handblast - Trenching		
093967	1998	Geological, Geochemical and Geophysical Report on the Oki-Doki Project Claims	Silt - Geochemistry, Soil - Geochemistry, IP - Ground Geophysics, Magnetics - Ground Geophysics		
093768	1997	Geological, Geophysical and Geochemical Assessment Report on the Oki-Doki Project Claims	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology, Prospecting - Other, Process/Interpret - Pre-existing Data		
093010	1991	Geological and Geochemical Report on the LORRIE Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
092912	1990	Report on the 1990 Geological and Geochemical Exploration Work on the Lorrie Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
090917	1981	Report for Assessment Lake 1-30 Claims	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Data Compilation - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
BROCK000007	Geochemical survey maps - Mike Lake Intrusion, Lorrie Lake Intrusion, and Anvil Lake Intrusion		Property File Collection	Geochemical Map
BROCK000008	Sample location and rock geochemistry maps - Au - Lorrie Lake, Mike Lake, and Anvil Lake areas		Property File Collection	Geochemical Map