



## Occurrence Details

**Occurrence Number:** 115N 039  
**Occurrence Name:** Lerner  
**Occurrence Type:** Hard-rock  
**Status:** Deposit  
**Date printed:** 4/29/2025 2:59:55 PM

## General Information

**Secondary Commodities:** gold, lead, silver  
**Aliases:** Golden Crag, Judy, Lubra, Stirling, Connaught  
**Deposit Type(s):** Vein Polymetallic Ag-Pb-Zn+/-Au  
**Location(s):** 63°55'27" N - -140°49'0" W  
**NTS Mapsheet(s):** 115N15  
**Location Comments:** Location from YMEP report 2015-026 and satellite imagery  
**Hand Samples Available:** No  
**Last Reviewed:**

### Capsule

#### Work History

Staked as 60 Jack, CCL, CEL and Lou claims (87004) in Aug/65 by J. Lerner & M. Chefkoi and optioned to A. Moisey, who enlarged the property and carried out geochemical sampling and bulldozing in 1965. The claims were transferred to a new company, Sixty Mile Mining Company Ltd, which carried out additional bulldozing and EM surveying in 1966-67 and shipped about 9 tonnes of hand-cobbed ore from the No. 3 Vein in 1966. Mount Crag Mines Ltd tied on Rex & Lubra cl (Y15162) to the west in Jun/67 but no work was filed. Connaught Mines Ltd optioned the property early in 1968 and carried out geological mapping, geochemical sampling, extensive bulldozer trenching and drilled 2 holes (112.8 m) in 1968-69.

J. Lerner restaked the No. 3 Vein as Judy claim 2 (Y82496) in May/74 and mined and shipped about 191 tonnes in 1974-76. In Jan/81, he restaked the Rex-Lubra as Judy cl 1, 3-17 (YA55162), transferred the property to Judy Mining Syndicate and sold it to Loughheed Resources Inc, which carried out bulldozer trenching later in the year.

The property was transferred to Bethex Exploration Inc and optioned by Madre Mining Ltd in 1983; transferred to Judy Resources Inc in 1984; Cumo Resources Ltd and X-Pat Devevelopment Ltd in 1986; and optioned to Shakwak Exploration Company Ltd in 1988.

Croesus Res Inc partially restaked the occurrence as Pra cl 41-44 (YA89114) in Apr/87 and carried out geological mapping, geochemical sampling, geophysical surveying and bulldozer trenching later that year. The property was then optioned to Red Fox Minerals Ltd which drilled 10 holes (315.8 m) in 1988. The Pra claims were transferred in May/89 to Walhala Exploration Ltd.

Restaked as Mos cl 31-54 (YC07678) in Jul/98 by 17363 Yukon Inc, which surrounded the original claims with Mos cl 55-195 (YC12126) in Aug/98 and staked Mos cl 200-205 (YC12432) and Mos cl 206-209 (YC12525) 2.7 km to the north in Sep/98. The company carried out limited prospecting and geochemical sampling at that time and in 1999 Equity Engineering Ltd carried out a property examination on behalf of 17363 Yukon Inc which included limited geological mapping and geochemical sampling.

#### Capsule Geology

North-northeast striking, mesothermal quartz-carbonate-sulphide veins cut Late Devonian to mid-Mississippian aged Nasina Assemblage schists of the Yukon Tanana Terrane and Early Mississippian granitic augen gneiss south of Mosquito Creek. Late Cretaceous monzonitic to granodioritic intrusives are found at two main locations on the property.

Most of the work has been performed at the northwest locality (039B), called No. 3 Vein. Galena and arsenopyrite, with minor sphalerite, tetrahedrite and boulangerite, form lenses over 12.1 m long and 0.9 to 1.2 m thick in quartz veins up to 2.1 m thick in a complex en echelon vein system. The 1966 and 1974-76 shipments were made from a single lens and averaged about 2 228.5 g/t Ag, 60% Pb and 1.03 g/t Au. The best 1969 intersection was 130.3 g/t Ag and 2.7% Pb across 0.7 m.

The southeast locality (039A), called the No. 2 and No. 7 Veins, has received less work and is more weakly mineralized.

Glasmacher and Friedrich (1992) recognized three stages of vein formation: (1) quartz-pyrite, (2) arsenopyrite-galena and, (3) quartz-pyrite-sphalerite-chalcopryrite-freibergite. Precious metals were deposited during the second stage. Fluid inclusion and microprobe studies show that the veins formed from high salinity, low pH fluids at temperatures which were initially as high as 330 degrees C.

The Tony and Pra claims covered the contact between quartzite, limestone and skarn of the Nasina Series, quartz monzonite and Pelly Gneiss intruded by Cretaceous granite. Altered quartz monzonite on the property returned anomalous Cu and Mo values, and magnetite-quartz-carbonate and diopside skarn returned anomalous values in Bi, Au, As, Ag with Pb, Zn and Cu.

Equity's work in 1999 on behalf of 17363 Yukon Inc included a thorough review and compilation of available data for this occurrence as well as the adjacent Connaught and Butler occurrences (Minfile Occurrences #115N 040 and 042, respectively). Limited sampling during their property examination confirmed historic values returned during previous investigations. Many of the features diagnostic of other recently recognized intrusion-related gold and base metal occurrences and deposits throughout the Tintina Gold Belt were found to be present in this area.

### Work History

Date	Work Type	Comment
9/1/2019	Geochemistry	
9/1/2019	Geochemistry	
9/1/2019	Trenching	
9/1/2009	Geochemistry	
9/1/2009	Geochemistry	
9/1/2009	Trenching	
9/1/2009	Other	
9/1/2008	Geochemistry	
9/1/2008	Geochemistry	
9/1/2008	Trenching	

9/1/2008	Geology	
9/1/2007	Geochemistry	
9/1/2007	Drilling	
9/1/2007	Geochemistry	
9/1/2007	Trenching	
9/1/2006	Airborne Geophysics	
9/1/1969	Pre-existing Data	
9/1/1969	Geochemistry	
9/1/1969	Drilling	
9/1/1969	Geochemistry	
9/1/1969	Geochemistry	
9/1/1969	Trenching	
9/1/1969	Geochemistry	
9/1/1969	Geology	
9/1/1969	Other	
9/1/1968	Pre-existing Data	
9/1/1967	Pre-existing Data	
9/1/1967	Lab Work/Physical Studies	
9/1/1967	Trenching	
9/1/1967	Other	
12/31/1999	Geology	
12/31/1999	Geochemistry	Also rock sampling.
12/31/1998	Geochemistry	Also rock sampling.
12/31/1998	Other	
12/31/1988	Drilling	Ten holes, 315.8 m.
12/31/1987	Geology	
12/31/1987	Geochemistry	
12/31/1987	Trenching	
12/31/1987	Ground Geophysics	
12/31/1981	Geology	
12/31/1981	Trenching	
12/31/1974	Trenching	Continued into 1976. Shipped 211 tons of hand cobbled ore.
12/31/1968	Drilling	Two holes, 112.78 m.
12/31/1968	Geology	
12/31/1968	Geochemistry	
12/31/1968	Trenching	
12/31/1966	Ground Geophysics	
12/31/1966	Trenching	
12/31/1966	Trenching	Continued into 1967. Shipped 10 tons of hand cobbled ore.
12/31/1965	Geochemistry	
12/31/1965	Trenching	

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">095301</a>	2009	Assessment Report Describing 2009 Soil Sampling, Prospecting and Excavator Stripping at the Connaught Project	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other, Mechanical - Trenching		

<a href="#">095101</a>	2008	Assessment Report Describing Soil Sampling, Excavator Trenching and Excavator Tripping at the Connaught Project	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Mechanical - Trenching		
<a href="#">094925</a>	2007	Assessment Report Describing Soil Sampling, Excavator Trenching and Diamond Drilling	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Mechanical - Trenching	7	556.97
<a href="#">094917</a>	2006	Assessment Report Describing Geophysical Survey at the Connaught Property	VTEM - Airborne Geophysics		
<a href="#">094025</a>	1998	Geological and Geochemical Report on the MOS and MAG Claims	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other		
<a href="#">092511</a>	1987	Report on the 1987 Geological Fieldwork on the Goden Crab Property	All Weather Road - Development, Surface, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Mechanical - Trenching		
<a href="#">061130</a>	1969	Report on the 1969 Exploration Program in the Sixtymile River Area, Yukon Territory	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Mechanical - Trenching	8	431.59
<a href="#">060840</a>	1969	Summary Report for the Connaught Mines Ltd.-Sixty Mile Area, Yukon	Cursory Property Visit - Other, Data Compilation - Pre-existing Data		
<a href="#">018931</a>	1968	Preliminary Report for Connaught Mines Ltd.-Sixty Mile Area, Yukon Territory	Research/Summarize - Pre-existing Data		
<a href="#">092561</a>	1967	Goldray Mines Limited-Property Examination-Sixty Mile Mining Company Limited	Petrographic - Lab Work/Physical Studies, Cursory Property Visit - Other, Data Compilation - Pre-existing Data, Mechanical - Trenching		

## Related References

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC012812</a>	Property examination - Connaught Mines: Boucher Creek property 115N/15		Property File Collection	Report
<a href="#">ARMC012811</a>	Property examination map - Connaught property - Boucher Creek area		Property File Collection	Geoscience Map (General)
<a href="#">ARMC012813</a>	Map sheet 115-N-15 showing claims of area - Boucher Creek		Property File Collection	Geoscience Map (General)
<a href="#">ARMC012816</a>	Map sheet 115-N-15 showing claims of area with notations - 60 Mile River area		Property File Collection	Geoscience Map (General)
<a href="#">ARMC012819</a>	Air photo overlays - 50 Mile Creek, Matson Creek, Ladue River areas - Air photos no. 12043-356, 12267-102, 12267-63, 12043-360, 12043-307, A12945-145, 12267-61, 12267-103, A12945-146.		Property File Collection	Geoscience Map (General)
<a href="#">ARMC012818</a>	Map of Crag Mountain area showing geochemical locations - Aeromagnetic series map 4268G		Property File Collection	Geoscience Map (General)
<a href="#">ARMC012817</a>	Map of Crag Mountain area with geochemical results plotted - Field copy - Aeromagnetic series map 4268G		Property File Collection	Geophysical Map
<a href="#">ARMC016712</a>	Geology map - 105N/15		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC012815</a>	Correspondence, maps, notes, inter-office letter, analysis of funds, and assay results - Sixty Mile area - Chefkoi, Ela, Jo, Kit and Tom mineral claims		Property File Collection	Miscellaneous Company Documents