



Occurrence Details

Occurrence Number: 105K 030

Occurrence Name: Weld

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 8/6/2025 2:16:28 AM

General Information

Secondary Commodities: copper, lead, molybdenum, tin, zinc

Aliases: Laurel, Caddy Shack

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

Location(s): 62°26'19.22" N - -132°50'29.36" W

NTS Mapsheet(s): 105K07

Location Comments: Location marks Weld Main Showing, Caddy Shack vein = 611695 W 6927129 N, Northeast showing = 612695 W 6925880 N, Southeast showing = 613030 W 6924150 N

Hand Samples Available: No

Last Reviewed: Mar 30, 2015

Capsule

Work History

Anvil Mining Corporation Ltd, (a joint venture company formed between Cyprus Mines Corp (60 %) and Dynasty Explorations (40 %)) flew a regional airborne magnetic and electromagnetic survey over the area in September, 1965. In Dec/65 the company staked Laurel cl 1-140 (95630 – claims not staked sequentially) to cover numerous geophysical anomalies detected by the survey.

In Feb/66 the northern half of the Laurel claim block was fringe staked on the north and east sides as Pete cl 1-86 (Y261) by the Zippx Syndicate. The syndicate flew an airborne magnetic and electromagnetic geophysical survey over the claims in July and Aug/66.

In Jul/66 Anvil Mining cut a grid over the central portion of the Laurel claim block. The company carried out soil sampling over the entire grid and ground magnetic and electromagnetic geophysical surveys over the northern half. Although no records can be found it is reported that a single diamond drill hole was collared to test a geophysical anomaly detected on the northern half of the grid.

Considerable fringe staking took place in the area during the mid- to late 1960's but none of the claims were not ever officially transferred to an identifiable company nor was any exploration work undertaken.

The occurrence area was restaked within Jan cl 1-110 (Y75161) in Mar/73 by Ridgemont Mining Corporation, a wholly-owned subsidiary of Cyprus Mines Corporation. In July and August/73 the company carried out a widely spaced, grid based soil sampling over the claims.

In early Sep/2010 Strategic Metals Ltd received preliminary drill results for 4 diamond drill collared in Jul/2010 on the Keg deposit (Minfile Occurrence #105K 078) located 29.5 km to the northwest. Encouraging results from these holes led the company to undertake an extensive staking program over the next 12 months to cover any prospective ground.

The occurrence area is located near the intersection of 3 separate claim groups. In Aug/2010 the northwest portion of the occurrence area was restaked within Tay claims 1-314 (YD27721). In Nov/2010 the northeast portion of the occurrence area was restaked within Keg cl 2045-2268 (YD117925). The company also announced in Nov/2010 that the Keg deposit would be joined with the Rebel property (Minfile Occurrence #105K - located 15 km southwest of the Keg deposit) and other newly discovered neighbouring areas of silver-zinc-lead-copper mineralization to form the Silver Range Project.

On January 11, 2011 Strategic Metals announced its intention to spin-out the Silver Range Project and the gold rich Mint Project (Minfile Occurrence 115F 087) located in southwestern Yukon into a new precious metal focused company; Silver Range Resources Ltd. The company and its shareholders would receive shares and purchase warrants in the new company.

In Jul/2011 the southern half of the occurrence area was restaked within Ku cl 1-680 (YE53660). On July 19, 2011 Strategic Metals shareholders approved the plan to spin-out the Keg Project and the Mint property into a new company Silver Range Resources. On August 9, 2011 the Plan of Arrangement was approved by various securities regulators and Silver Range Resources became the owner/operator of the Keg property.

During the 2011 exploration season Silver Range Resources prospected, rock sampled and carried out contour soil sampling over the occurrence area. In 2012 the company carried out regional geological mapping, and hand trenched on the Weld Main showing and the Caddy Shack vein. The company also carried out grid soil sampling over portions of the occurrence area. In Jul/2012 following receipt of preliminary results Silver Range Resources collared one diamond drill hole (84.42 m) on the Weld Main showing and one hole (75.28 m) on the Caddy Shack vein.

Capsule Geology

The occurrence is located approximately 31.5 km northeast of the historical Faro mine and mill site and 37 km northeast of the town of Faro in east central Yukon. The Faro area is world renowned for its zinc-lead-silver-barite massive sulphide deposits, mining of which began in 1969 and continued with interruptions until 1997. Access to the occurrence location is currently provided by helicopter.

The occurrence is located within the Selwyn Basin a tectonic element comprising deep water clastic rocks, chert and minor carbonate that accumulated along the North American continental margin during Paleozoic time. In the occurrence area the Selwyn Basin lies immediately northeast of units belonging to Slide Mountain and Yukon-Tanana Terranes the most easterly of the allochthonous terranes. Deformation and metamorphism associated with accretion of the terranes was initiated in Jurassic and culminated in Cretaceous. More recently, strike-slip faulting along the Tintina Fault resulted in about 450 km of dextral offset during Early Tertiary time. The area is located about 40 km northeast of the fault.

The area is covered by deep overburden which makes geological mapping difficult. Based on geological mapping by Gordey (2013) the occurrence area is underlain by Upper Cambrian and Lower Ordovician Rabbitkettle Formation (Twopete facies) rocks. Based on sparse bedrock exposure and limited diamond drilling, the occurrence area appears to be underlain by chert and siliceous siltstone.

Soil sampling carried out by Anvil Mining Corp outlined anomalous east-west trending lead-zinc +/- copper values through the central portion of the Laurel claim block. This anomaly

appears to trend through Silver Range Resources’ present day Weld Main showing (occurrence location). The airborne geophysical survey outlined a linear north-south trending conductor, on the east side of the main creek approximately 1 km northwest of the Weld Main showing. According to notes filed within Ridgemont Mining Corp’s 1974 assessment report (#060934), Anvil Mining collared at least one diamond drill hole to test the geophysical conductor. The area tested is thought to have been located approximately 1.5 km northwest of the Weld Main showing (~610425 W 6925820 N).

The Zippx Syndicate’s airborne geophysical survey was centered north and east of the Laurel claim group. The survey outlined several separate magnetic and electromagnetic anomalies. The geophysical company recommended that the anomalies be ground checked but no follow-up work was undertaken.

Ridgemont Mining Corp’s Jan claims essentially covered the same ground as Anvil Mining’s Laurel claims. Soil sampling outlined several small lead and zinc anomalies in the northeast portion of the claim block, covering the present occurrence area. The anomalies were generally small and not coincident. Ridgemont Mining theorized that the anomalies marked small lead-zinc veins at surface and not one or more large mineralized areas.

Soil sampling conducted by Silver Range Resources in 2011 and 2012 outlined a 3 300 m long by 1 600 m wide anomaly hosting strong silver-lead-copper-tin values which they called the Weld zone. Follow-up prospecting outlined 4 separate showing; Weld Main, Caddy Shack vein, Northeast showing and the Southeast showing. All four showings are located within a complex system of glacial outwash ravines. The Weld Main showing (occurrence location) was discovered within a steep-sided ravine. Mineralization is hosted within Rabbitkettle Formation chert and consists of a 1.3 m wide vein-fault that contains abundant weathered mineralized fragments. Galena and anglesite comprise the majority of the visible mineralization. Eight selected rock samples returned average values of 180.5 g/t silver, 2.0 % lead, 0.19% zinc, 0.19 % copper and 162 ppm molybdenum.

The Caddy Shack vein is located 2.2 km north-northeast of the Weld Main showing and was discovered by prospectors employed by the company. The vein is defined by an east trending structure located within a gossanous, rubbly kill zone at the base of a north-facing slope. The showing consists of abundant cobbles and small boulders exhibiting strongly weathered, limonitic quartz vein material containing locally abundant galena and anglesite within quartz filling fractures cutting altered chert. Despite extensive prospecting and hand trenching a bedrock source was not located. Thirteen mineralized float samples returned average grades of 1 278.5 g/t silver, 16.56 % lead, 0.07 % zinc, 0.47 % copper, 491 ppm tin and 1 229 ppm antimony.

The Northeast showing lies 1.6 km northeast of the Weld Main zone and consists of two mineralized float occurrences situated 230 m apart. Both occurrences are located in east trending outwash channels at the top of a flat-topped ridge and mineralization comprises rusty quartz vein with banded arsenopyrite and intensely altered and limonite pitted cobbles. No mineralized bedrock was exposed at either occurrence. Rock sampling at the first occurrence returned average values of 222.0 g/t silver, 2.93 % lead, 0.25 % zinc, 0.16 % copper, 0.112 g/t gold and 19.5 ppm molybdenum. At the second occurrence located 230 m to the north, rock sampling returned average values of 130.5 g/t silver, 1.74 % lead, 0.21 % zinc, 0.06 % copper, 0.007 g/t gold and 70.2 ppm molybdenum.

The southeast showing is located 1.7 km east-southeast of the Weld Main showing and consists of isolated mineralized vein fragments found within chert talus. Two samples of vuggy quartz float returned values of 21.4 g/t silver, 0.58 % lead, 0.02 % zinc and 0.04% copper and 674 g/t silver, 7.87 % lead, 0.14 % zinc, 0.34 % copper, 55.2 ppm tin and 746 ppm bismuth. Prospecting failed to identify a bedrock source.

In July 2012 Silver Range Resources tested the Weld Main showing and the Caddy Shack veins with single diamond drill holes. Hole WLD-12-01 tested the down-dip extension of a vein fault which returned very strongly anomalous silver and lead values from surface samples. Weakly to strongly oxidized siltstone and fault gouge were intersected in the top 65 m of the hole while the remained of the hole (19.42 m) returned unoxidized siltstone. A 0.60 m intersection returned 295.0 g/t silver, 3.68 % lead, 3.27 % zinc and 0.019 g/t gold. The second hole (WLD-12-02) tested for mineralization beneath mineralized float at the vein and intersected silicified siltstone containing minor galena and sphalerite.

Work History

Date	Work Type	Comment
12/31/1973	Geochemistry	Widely spaced samples.
12/31/1973	Geology	On Jan claims.
12/31/1966	Drilling	1 hole, depth unknown reportedly collared on Laurel claims (approximate location 610425 W, 6925820 N). Source = Ridgemont Mining Corp assessment report # 060934.
12/31/1966	Geochemistry	Grid based on Laurel claims.
12/31/1966	Airborne Geophysics	Also magnetometer survey flown over Pete claims.
12/31/1965	Airborne Geophysics	Also magnetometer survey flown on Laurel claims.
12/13/2012	Geochemistry	Additional samples collected.
12/13/2012	Drilling	Two holes, 159.7 m. One hole (84.42 m) collared on Weld Main showing, one hole (75.28 m) collared on Caddy Shack vein.
12/13/2012	Geochemistry	Grid based over various showings.
12/13/2012	Trenching	Trenches dug on Weld Main showing and Caddy Shack vein.
12/13/2012	Geology	Over occurrence area.
12/13/2011	Geochemistry	Various showings/vein were sampled.
12/13/2011	Geochemistry	Contour sampling.
12/13/2011	Other	Occurrence area was prospected.
12/13/1966	Ground Geophysics	Also magnetic survey on Laurel claims.

Assessment Reports that overlap occurrence

Report					Notes	Notes
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Report Number	Year	Title	Worktypes	Holes Drilled	Feet Drilled
096836	2015	Assessment Report Describing Geological Mapping and Sample Collection by PhD Candidate, Drill Pad Reclamation and Equipment Backhauling	Reclamation - Development, Surface, Rock - Geochemistry, Bedrock Mapping - Geology, Process/Interpret - Pre-existing Data		
096480	2012	Assessment Report Describing Geology, Mineralization, Geochemical Surveys, Diamond Drilling, Metallurgical Testing and Mineral Resources at the Keg Property	Diamond - Drilling, Rotary - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	84	30320.42
096033	2011	Assessment Report Describing Geological Mapping, Prospecting, Geochemical Sampling, Geophysical Surveying, Baseline Water Surveying, Wildlife Surveying, Trenching and Diamond Drilling	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Water - Geochemistry, Bedrock Mapping - Geology, IP - Ground Geophysics, Magnetics - Ground Geophysics, Prospecting - Other, Environmental Assessment/Impact - Studies, Hand - Trenching	51	16808.37
060934	1973	Report on a Geochemical Survey on the Jan Claims	Soil - Geochemistry		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		
017514	1966	Geochemical Report on Laurel Claim Group at Tay River, Yukon for Anvil Mining Corp Ltd.	Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC000049	Geological Map - Blind Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
MIR1973	Mineral Industry Report 1973	55.	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Geology	Annual Report
YEG2011_OV	Yukon Exploration and Geology Overview 2011	37-38.	Yukon Geological Survey	Annual Report
15	Bedrock geology compilation of the Anvil District (parts of NTS 105K/2,3,5,6,7 and 11), central Yukon		Yukon Geological Survey	Bulletin
YEG2013_03	Peliminary observations on the geology of the Anvil Lake area (parts of NTS 105K/11 and 12), central Yukon		Yukon Geological Survey	Annual Report Paper
ARMC017445	Geology map with notations - 105K/07 - Mount Mye		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015805	Laurel geochemistry map with notations - Faro		Property File Collection	Geochemical Map
ARMC020285	Drill hole records - Faro area - 1965-1967		Property File Collection	Drill Logs
ARMC015809	Certificate of Analysis - Nor claim - Report No. A-45-51		Property File Collection	Miscellaneous Company Documents
ARMC018791	Air photo overlays - NW 72974-4-111, NW 72974-5-198, 199, NW 72974-4-104, 105, 106, 12-61, 8307		Property File Collection	Geoscience Map (General)
ARMC015803	Three geology sketch maps - Laurel claim		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015782	Air photo overlay - A20693-151 - Jan claims		Property File Collection	Geoscience Map (General)
ARMC015812	Notes and geochemical reports - Nor claims - 105K/7		Property File Collection	Miscellaneous Company Documents
ARMC015804	Sketch map of Laurel - 105K		Property File Collection	Geoscience Map (General)
ARMC015802	Sketch map of Laurel claims - Geophysics grid 'A' and grid 'B'		Property File Collection	Geoscience Map (General)
ARMC015806	Geochemical sample sheets - Laurel		Property File Collection	Assays
ARMC015801	Geophysical report on Laurel claim group		Property File Collection	Report
ARMC015842	Drill logs - DDH 67-X1 and 67-X2 - Laurel claims		Property File Collection	Drill Logs
ARMC010760	Geochemistry map - Laurel - Drawing No. CFB-21		Property File Collection	Geochemical Map
ARMC010763	Geochemistry map - Laurel group - Drawing No. CFX-8		Property File Collection	Geochemical Map
ARMC010761	Electromagnetic survey map - Laurel group - Drawing No. EWX-6		Property File Collection	Geophysical Map
ARMC010762	Electromagnetic survey map - Laurel group - Drawing No. EWX-7		Property File Collection	Geophysical Map
ARMC018272	Various assay certificates - A-760-26, A-840-84, 45-72, 25-756 - Cyprus Anvil		Property File Collection	Assays
ARMC015781	Geochemical laboratory reports - Jan claims - Project 405 - Reports 70A, 75A, 86A, 91A		Property File Collection	Miscellaneous Company Documents

ARMC018787	Field map - Anvil Range area -105K/2 & 7		Property File Collection	Geoscience Map (General)
ARMC018789	Field notes - Nor rock samples		Property File Collection	Miscellaneous Company Documents

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
WLD-12-01	Weld	2012	BTW	0	1
WLD-12-02	Weld	2012	BTW	0	1