



## Occurrence Details

**Occurrence Number:** 105B 007

**Occurrence Name:** Dale

**Occurrence Type:** Hard-rock

**Status:** Deposit

**Date printed:** 12/17/2025 11:30:28 PM

## General Information

**Primary Commodities:** copper, lead, silver, zinc

**Secondary Commodities:** gold

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

**Location(s):** 60°1'7" N - -130°28'38" W

**NTS Mapsheet(s):** 105B01

**Location Comments:** .5 Kilometres

**Hand Samples Available:** No

**Last Reviewed:**

## Capsule

### Work History

Staked as Tiger & Lion cl (63523) in Sep/52 by J.R. Curry and adjoining Dale cl 9-16 (66521) in Aug/53 by S.W. Tatlock, which were hand pitted in 1953-55. Restaked as Dale cl 1-8 (72958) in Oct/56 by Dale Mountain Mines Ltd and as adjoining Ham cl 1-8 (73090) in Aug/57 by Cameron Developments Ltd who carried out EM surveying and as Ted cl 1-8, Gus cl 1-6 and Dime cl 1-8 (75324) in Oct/60 by Dakkon Inc. Dale Mountain performed trenching and EM surveying in 1956 and drove a 180 m adit in 1958 from which 69 m were drilled. Restaked as Dymax cl (7924) in May/66 by Dymax Exploration Ltd.

P. Poggenburg restaked as L cl 1-16 (Y19983) in Sep/67, bulldozer trenched in 1968, added Lola cl 1-2 (Y42382) in Jun/70, and shipped 8.2 tonnes of hand cobbled ore in late 1968. His property was optioned to Yukon Exploration & Development Ltd in Oct/70 and transferred in Nov/70 to Ida Ore Mines Ltd, which shipped 21.3 tons of cobbled ore to East Helena the same year. It was then transferred in turn to Mineral Hill Mines Ltd and to Mark V Mines Ltd, which explored by trenching, geological mapping and grid soil sampling in 1971 and 1973, and was trenched in 1976 and 1980 by H.G. Curlett and C. Wilman.

Grant Stewart acquired the property in 1981 and explored with an EM surveying and drilled one hole (106.7 m) in 1981 and EM and magnetic surveying and drilled 5 holes (458 m) in 1982 through a private company, Loann Silver Mines Ltd. The property was acquired by Butler Mountain Minerals Ltd, which performed geological mapping, EM and geochemical surveying in 1983 and 1984 while concentrating exploration on the adjacent Lord occurrence (Minfile Occurrence #105B 001). The claims were allowed to lapse and the occurrence was restaked as Eagle cl 1-8 (YB34126) by H. Caesar in Jul/91. B. Laursen tied on Bone cl 1-2 (YB34262) to the south in Sep/91.

Fringe staking includes Snowball cl (YA11733) in Oct/76 by J. Johns, who hand trenched in 1977-78; CL cl (YA657) in Aug/76 by C. Wilman; Valley cl (YA34772) in Aug/78; and AB cl (YA46628) in Nov/79 by A. LeBlanc; X cl (YA35592) in Sep/78 by Poggenburg and A. Mercier; and Family, etc cl (YA45540) in Aug/79 by M. Sache. Wilman restaked all the fringe claims as Lola, etc cl (YA66027) in Jul/81 and transferred some of them in 1982 to G. Stewart. Butler Mountain acquired the fringe claims in 1983 and added Garrett cl (YA70074) to the east in June/83 before carrying out road construction. The adjoining Pond cl (YA68761) were transferred from Terra Nova Energy Inc to A. Black in Sep/84.

G. Lee and M. Power restaked the property as Frostbite cl 1-40 (YB46377) in Jan/94. During 1994 and 1995 Lee and Power carried out magnetic and EM surveying, excavator trenching and underground rehabilitation of the adit. In 1997 they carried out additional magnetic and EM surveying.

### Capsule Geology

A strong east-trending fault zone cuts quartz diorite of the mid Cretaceous Cassiar Batholith. The shear zone is exposed in trenches over a length of 250 m. It is intruded by diabase dikes and contains pockets and stringers of galena and sphalerite in a quartz-carbonate gangue. The veins are surrounded by strong propylitic and weak argillic alteration envelopes.

The adit was collared about 200 m vertically below and 300 m east of the trenches and was driven more or less parallel to the projected strike. The underground drilling failed to intersect the mineralized structure. The 1968 shipment graded 3 531 g/t Ag and 56% Pb. The 1970 shipment averaged 2 139 g/t Ag, 49.9% Pb, 12.5% Zn, 0.3% Cu and 2.4 g/t Au. A typical specimen assayed 1 203 g/t Ag, 13.4% Pb, 12.2% Zn and 1.85 g/t Au. The 1981-82 drilling did not intersect mineralization.

Power and Lee carried out VLF-EM and total magnetic field surveys over the property in 1994. The VLF-EM survey outlined the Dale Fault while the magnetic survey outlined mafic dykes in the footwall and hanging wall of the Dale Fault. Grab samples collected from waste piles surrounding the main showing assayed up to 3 514 g/t Ag and 1.27 g/t Au. The adit was rehabilitated to allow for future exploration and/or to provide drill stations for underground drilling.

Power and Lee dug additional trenches and expanded earlier VLF-EM and total magnetic field surveys to the east in 1995. The geophysics outlined the Dale Fault and mafic dykes in the footwall and hanging wall of the fault and the corresponding occurrence of Pb-Ag mineralization. Trenching based on geophysical results uncovered additional thin discontinuous high grade Pb-Ag veins within the fault zone. The best assay, a grab sample, returned 10 131.3 g/t Ag and 1.68 g/t Au. In 1997, they extended the geophysical coverage to the east and recommended diamond drilling and trenching to further test the occurrence.

### References

ABBOTT, G., 1983. Silver-bearing veins and replacement deposits of the Rancheria District. In: Yukon Exploration and Geology, 1983, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 34-44.

BUTLER MOUNTAIN MINERALS LTD, May/83. Vancouver Stock Exchange Open File Report by V. Cukor.

CAMERON DEVELOPMENTS LTD, 1957. Assessment Report #017507 by G.E. Midgley.

CAMERON DEVELOPMENTS LTD, 1957. Assessment Report \*#092058 by G.E. Midgley.

GREEN, L.H., 1966. The Mineral Industry of Yukon Territory and Southwestern District of Mackenzie, 1965. Geological Survey of Canada, Paper 66-31, p. 79.

LEE, G., Jul/97. Assessment Report #093738 by M.A. Power.

LOANN SILVER MINES LTD, 1982. Assessment Report \*#091054 by V. Cukor.

LOWEY, G.W. AND LOWEY, J.F., 1986. Geology of the Spencer Creek (105 B 1) and Daughney Lake (105 B 2) map areas, Rancheria District, Southeast Yukon. DIAND Open File 1986-1, p. 82-83.

MARK V MINES LTD, Sep/71. Assessment Report #060874 by D. Arscott.
MARK V MINES LTD, Jun/74. Assessment Report #060911 by H. Laanela.
MINERAL HILL MINES LTD, Mar/71. Prospectus Report #060875 by W.A. Fowers.
MINERAL HILL MINES LTD, 1971. Assessment Report *#060875 by W.A. Fowers.
MOUNTAIN HIGHGRADE MINES LTD, Apr/95. Assessment Report #093277 by M.A. Power.
MOUNTAIN HIGHGRADE MINES LTD, Mar/96. Assessment Report #093394 by M.A. Power.
YUKON EXPLORATION AND GEOLOGY 1982, p. 96; 1983, p. 140-141.

Work History		
Date	Work Type	Comment
12/31/1997	Ground Geophysics	Also magnetic survey.
12/31/1995	Ground Geophysics	Also magnetic survey.
12/31/1995	Trenching	
12/31/1994	Development, Underground	
12/31/1994	Ground Geophysics	Also magnetic survey.
12/31/1984	Geology	
12/31/1984	Ground Geophysics	
12/31/1984	Development, Surface	
12/31/1983	Geology	
12/31/1983	Ground Geophysics	
12/31/1983	Development, Surface	
12/31/1982	Drilling	Five holes, 458 m.
12/31/1982	Ground Geophysics	Also magnetic survey.
12/31/1981	Drilling	One hole, 106.7 m.
12/31/1981	Ground Geophysics	EM survey.
12/31/1980	Trenching	
12/31/1976	Trenching	
12/31/1973	Geology	
12/31/1973	Geochemistry	
12/31/1973	Trenching	
12/31/1971	Geology	
12/31/1971	Geochemistry	
12/31/1971	Trenching	
12/31/1970	Trenching	Shipped 19.4 tonnes of ore.
12/31/1968	Trenching	
12/31/1968	Development, Underground	Shipped 8.2 tonnes of ore.
12/31/1958	Development, Underground	Drove adit 180 m.
12/31/1956	Ground Geophysics	
12/31/1956	Trenching	
12/31/1955	Trenching	Carried out between 1953 and 1955.

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled

<a href="#">096905</a>	2016	2016 Assessment Report on the Dale Property	Prospecting - Other		
<a href="#">093738</a>	1997	Summary Report on the Dale Property, Rancheria Area Southern Yukon Territory	EM - Ground Geophysics, Magnetics - Ground Geophysics		
<a href="#">093394</a>	1995	Geophysical Surveys and Trenching Program on the Dale Property, Rancheria Area Southern Yukon Territory	Rock - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics, Backhoe - Trenching		
<a href="#">093277</a>	1995	Geophysical Surveys, Trenching and Underground Rehabilitation Program on the Dale Property, Rancheria Area	Rehabilitation - Development, Underground, EM - Ground Geophysics, Backhoe - Trenching		
<a href="#">091668</a>	1985	Report on the Lucky Prospect	Rotary - Drilling, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Magnetics - Ground Geophysics	6	280
<a href="#">062158</a>	1983	Butler Mountain Minerals Corp. Lola-Idaho-Y.P. Claims	Rock - Geochemistry, Cursory Property Visit - Other, Backhoe - Trenching		
<a href="#">091054</a>	1981	Report on the 1981 Electromagnetic Survey and Diamond Drilling Program	Diamond - Drilling, EM - Ground Geophysics	1	106.68
<a href="#">060911</a>	1973	Progress Report on ""L"" and ""Lola"" Claims	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other, Mechanical - Trenching		
<a href="#">060874</a>	1971	Geological Mapping and Geochemical Orientation Survey of the L-1 and 2, L-7 to L-16, Lola-1 and 2 Claims	Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
<a href="#">060876</a>	1970	Report on Mineral Claims L1 & 2 & L11-16	Cursory Property Visit - Other		
<a href="#">017507</a>	1957	Report of the Electromagnetic Survey on the Dale Mineral Property, Yukon Territory	EM - Ground Geophysics		
<a href="#">092058</a>	1957	report on Electromagnetic Survey, Discovery Section, Dale Claims	EM - Ground Geophysics		