



Occurrence Details

Occurrence Number: 105D 168

Occurrence Name: Dickson Hill

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/15/2025 10:19:55 PM

General Information

Secondary Commodities: gold, silver

Aliases: Odd

Deposit Type(s): Epithermal Au-Ag-Cu: High Sulphidation

Location(s): 60°12'6" N - -135°0'44" W

NTS Mapsheet(s): 105D03

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Odd and Even cl (YA60964) in Jun/81 by DuPont, which performed limited mapping and geochem sampling later in the year. Restaked as Max cl (YA78520) in Oct/83 by Agip Can L, which performed mapping, geochem and geophysical surveys in 1983-84 before entering a joint venture with Shakwak ECL. Shakwak explored with trenching and 4 holes (124 m) in 1984 and geochem and VLF-EM surveys in 1985. Comaplex Minerals Inc restaked the property as the Power cl (YB35484) in Oct/90 and completed a Total Magnetic Field and HLEM survey in Nov/90. Golden Eye MIs tied on Mo cl (YA86182) to the west in Nov/84 and performed trenching in 1985. Agip and Shakwak tied on the Pie Fr cl (YA93938) in Nov/85 and explored them with bulldozer trenching and 9 diamond drill holes (365.2 m) in 1986. Agip and Shakwak staked the Kal Fr cl (YA96473) in Oct/86. G. Lee restaked the property as the Dickson cl 1-4 (YB55291) in Nov/94. In Jun/95 Lee added Dickson cl 5-10 (YB57666) to his holdings. In Oct/95 Lee added Dickson cl 11-15 (YB66294) to his claim holdings. Between May and Oct/95 Lee carried out VLF-EM and total magnetic field geophysical surveys, trenching and rock sampling over a gridded area centred over Dickson cl 1-4. Lee staked Dickson cl 16-18 (YB95998) in Aug/96.

Capsule Geology

The Odd vein, discovered in 1983, is a quartz-calcite vein containing tetrahedrite and gold, which cuts andesite of the Triassic Lewes River Group. The vein is up to 2 m wide and has been traced on surface for 30 m. It consists mostly of milky or waxy quartz and contains chalcopyrite, tetrahedrite and pyrite, and minor galena. The Odd vein and others on Dickson Hill strike north to northeast, and occur in metamorphosed greenstone along the Tally-Ho Shear Zone. They appear to have been metamorphosed, and Hart and Radloff (1990) found that primary inclusions failed to equilibrate at temperatures below 500° C. The north to northeast veins are cut by younger, northwest-trending mesothermal veins which equilibrated at 263 deg C. The younger veins are distinguished from the metamorphic veins by a characteristic by wallrock alteration package consisting of carbonate or silica flooding and pyrite, and a sulphide mineral assemblage consisting of galena and chalcopyrite. One of the 1984 drillholes intersected 46.3 g/t Au and 19.9 g/t Ag across 1.4 m. The 1986 drilling failed to intersect significant mineralization. In 1988, two other veins were discovered 725 m northwest and 400 m north of the main vein. A bulldozer trench at the northwest location exposed a quartz vein 10 cm wide, which assayed up to 25.5 g/t Au, but a drillhole failed to intersect the vein at depth. However, another drillhole successfully intersected the northern vein which consists of quartz-calcite stringers containing 2% pyrite. The best assay from these quartz-calcite stringers was 6.2 g/t Au over 2.5 cm. The 1990 HLEM survey outlined two weak anomalies striking northwest, which appear to coincide with the known gold mineralization. A strong magnetic survey south of the known mineralization is thought to reflect a magnetite-rich unit such as Tally-Ho Leucogabbro. Lee's geophysical surveys outlined the broad trend of the known fault zone. Lee excavated 10 trenches along the fault zone and sampled those trenches where mineralization was visible. Assay samples returned low values in gold and silver with the exception of trench 95DH09752007R which returned 48.68 g/t Ag and 6.65 g/t Au. Lee recommended following the fault north with geophysical and geochemical surveys. Lee also recommended either drilling a shallow diamond drill hole or driving a short exploration drift into the original discovery vein on Dickson cl 1-2 to determine the grade and continuity of the vein.

References

COMAPLEX RESOURCES INTERNATIONAL, 1991. Assessment Report #092981 by M.A. Power.

DUPONT OF CANADA LTD, 1982. Assessment Report #091047 by H.J. Copland.

HART, C.J.R., & RADLOFF, J.K., 1990. Geology of Whitehorse, Alligator Lake, Fenwick Creek, and part of Robinson map-areas (105D/11,6,3,2&7). DIAND Open File 1990-4.

MOUNTAIN HIGHGRADE MINES LTD, Feb/96. Assessment Report #093373 by M.A. Power.

SHAKWAK EXPLORATION COMPANY LTD, Jun/85. Assessment Report #*091643 by G.C. Macdonald.

SHAKWAK EXPLORATION COMPANY LTD, Apr/87. Assessment Report #*091943 by D.H. Waugh.

YUKON EXPLORATION 1985-86, p. 173; 1987, p. 116-117.

Work History

Date	Work Type	Comment
12/31/1995	Geochemistry	Resampled showings.

12/31/1995	Ground Geophysics	Also VLF survey.
12/31/1995	Trenching	
12/31/1990	Ground Geophysics	
12/31/1985	Geochemistry	Also rock sampling.
12/31/1983	Drilling	Four holes, 124 m.
12/31/1983	Geology	
12/31/1983	Geochemistry	
12/31/1983	Trenching	
12/31/1981	Geochemistry	
12/31/1981	Geology	
12/13/1984	Ground Geophysics	Also VLF survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093373	1995	Geophysical Surveys and Trenching on the Dickson Hill Property	Rock - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Prospecting - Other, Mechanical - Trenching		
092981	1990	A Total Magnetic Field and HLEM Survey of the Powe Claims, Dickson Hill Area	EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
091943	1986	Assessment Report on the Dickson Hill Property Project 314	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Mechanical - Trenching	9	366.40
091643	1984	Assessment Report on the Max 1-39 Claims	All Weather Road - Development, Surface, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, EM - Ground Geophysics, Line Cutting - Other, Prospecting - Other	4	125.57
091047	1982	Geological and Geochemical Report on the Even-Odd Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		

Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
DDH-86-D10	Dickson Hill	1986	HQ	0	1
DDH-86-D11	Dickson Hill	1986	HQ	0	1
DDH-86-D12	Dickson Hill	1986	HQ	0	1
DDH-86-D13	Dickson Hill	1986	HQ	0	1
DDH-86-D5	Dickson Hill	1986	HQ	0	1
DDH-86-D6	Dickson Hill	1986	HQ	0	1
DDH-86-D7	Dickson Hill	1986	HQ	0	1
DDH-86-D8	Dickson Hill	1986	HQ	0	1
DDH-86-D9	Dickson Hill	1986	HQ	0	1
DDH-84-D1	Dickson Hill	1984	NQ	0	1
DDH-84-D2	Dickson Hill	1984	NQ	0	1
DDH-84-D3	Dickson Hill	1984	NQ	0	1
DDH-84-D4	Dickson Hill	1984	NQ	0	1