



Occurrence Details

Occurrence Number: 105D 196

Occurrence Name: Mike

Occurrence Type: Hard-rock

Status: Showing

Date printed: 5/4/2025 5:12:55 PM

General Information

Secondary Commodities: copper, gold

Deposit Type(s): Vein Cu+/-Ag Quartz

Location(s): 60°29'3" N - -134°16'30" W

NTS Mapsheet(s): 105D01

Location Comments: 1.5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Discovered by W.P. LeBarge, a DIAND geologist, in 1988 during reconnaissance mapping of the area and staked as DG cl 1-16 (YB24658) by D. McDonald in Dec/88. Restaked as Mike cl 1-6 (YB27105) by G. Reynolds in Jan/90 who carried out prospecting and geochemical sampling.

The occurrence was restaked as Mike cl 3-4 (YB58019) by J. Clarke in Aug/95, who added Mike cl 1-2 (YB66369) and 5-8 (YB66371) to his claim holdings in Oct/95. Clarke carried out prospecting, hand trenching and chip sampling in 1996 and prospecting, hand trenching and grid development in 1997.

Capsule Geology

Chalcopyrite and malachite occur in narrow east-west veins which outcrop on the shore 2 km northwest of Marsh Lake Marina and are hosted by Permian to Triassic aged andesitic volcanic rocks and cherty sediments of the Cache Creek Terrane. The volcanics have been intruded by mafic to ultramafic dykes, pods and sills. A series of strong parallel faults have been identified in the area and the 'Highway Fault' which follows the baseline of the claims occurs along the contact of the volcanics and the cherty sediments.

In 1996 and 1997 Clarke hand trenched on this structure in an area of outcrop comprised of a mixture of mafic volcanic flows, tuffs and chert that displayed pervasive listwaenite alteration, brecciation and quartz veining. Chip samples across the width of the outcrop (~ 9 m) returned anomalous Au and pathfinder elements.

References

CLARKE, J., Jan/97., Assessment Report #093521 by J. Clarke.

CLARKE, J., Jan/98., Assessment Report #093747 by J. Clarke.

HUNT, J.A., HART, C.J.R., GORDEY, S.P., 1995. Interpretive geology of the Jakes Corner geophysical survey area (105C/5, 105D/8 and 9). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada Open File 1995-5 (G). 1:50 000 scale map and report.

REYNOLDS, G.G.A., Jul/91. Assessment Report #092965 by G.G.A. Reynolds.

Work History

Date	Work Type	Comment
12/31/1997	Trenching	
12/31/1997	Other	
12/31/1997	Other	
12/31/1996	Geochemistry	
12/31/1996	Geology	
12/31/1996	Trenching	
12/31/1996	Other	
12/31/1990	Other	
12/31/1990	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097155	2017	Assessment Report for Exploration Work on the Anne 1-4 Quartz Mining Claims	Bedrock Mapping - Geology		

096769	2015	Exploration Work on the Anne 1-8 and Lobo 1-10 Quartz Mining Claims	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
096506	2013	Trenching Program on the Lobo 1-10 Quartz Mining Claims	Mechanical - Trenching		
096724	2013	Trenching Program on the Lobo 1-10 Quartz Mining Claims	Prospecting - Other, Mechanical - Trenching		
095260	2009	Assessment Report for Trenching and Sampling Program on the Anne 1-8 Quartz Mining Claims	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching		
095080	2009	Assessment Report for Trenching on the Anne 1-4 Quartz Mining Claims	Backhoe - Trenching		
095200	2008	Assessment Report for Exploration on the Anne 1-4 Quartz Mining Claims	Detailed Bedrock Mapping - Geology, Heavy Mineral Concentrate - Lab Work/Physical Studies, Prospecting - Other, Hand - Trenching		
094777	2007	Assessment Report for Exploration on the Anne 1-4 Quartz Mining Claims	Detailed Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching		
094600	2006	Assessment Report for Exploration on the Anne 1-4 Quartz Mining Claims	Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other, Hand - Trenching		
094552	2004	Assessment Report for Exploration on the Anne 1-4 Quartz Mining Claims	Detailed Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching		
093747	1997	Assessment Report for Exploration on the Mike 1 and Mike 8 Quartz Mining Claims	Line Cutting - Other, Prospecting - Other, Hand - Trenching		
093521	1996	Assessment Report for Exploration on the Mike 1 and Mike 8 Quartz Mining Claims	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching		
092965	1990	Prospecting, Geochemical and Sampling Mike 1-6 Claims	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other		
019593	1967	Report Airborne Electromagnetic and Magnetometer Survey	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		