



Occurrence Details

Occurrence Number: 105B 044
Occurrence Name: Irvine
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/18/2025 6:57:42 AM

General Information

Secondary Commodities: lead, silver, zinc
Aliases: Angie, Com, Source
Deposit Type(s): Skarn Pb-Zn
Location(s): 60°38'22" N - -131°11'31" W
NTS Mapsheet(s): 105B11
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Noted by GSC in 1955 and investigated with mapping and sampling by Wolf Lake JV (Ashland O Can L; Rayrock ML; Can Ind G & OL; Caltor Synd) in 1971. First staked as Angie cl (83135) in Jul-Sep/74 by Hudson Bay Mg, which explored with mapping, geochem sampling, hand trenching and 3 holes (140.5 m) in 1974 and more sampling, an IP survey and 4 holes (361.2 m) in 1975.
Restaked as Com cl (YA35720) in Nov/78 by the Wolf Lake Project (Comaplex Res Int L and Dayton Creek Silver ML). The Source cl (YA67272) were tied on to the south in Sep/81 by a joint venture between SEREM L and Samim Can L, which explored with prospecting in 1981 and geochemical sampling and mapping in 1982.
Restaked as SHA cl (YA73451) in Jun/85 by Shakwak ECL in a joint venture with Nordac Mg Corp. Shakwak performed mapping and geochem sampling in 1985 and bulldozer trenching in 1986 and 1987 under an option. Nordac changed its name to Big Creek Res L in 1987.

Capsule Geology

Galena and sphalerite occur with quartz and fluorite in veinlets and disseminated in diopside-magnetite skarn that has formed in an Early Paleozoic schist-gneiss sequence, near a granodiorite stock. The best assay obtained in the 1974 drilling was 0.05% Zn, 0.07% Pb and 4.1 g/t Ag from 50.0 to 50.4 m in Hole A1 on the Angie 4 claim.
Scheelite occurs in a skarn developed in rocks of the Late Proterozoic-Early Cambrian Hyland Group near the margin of the Cassiar Batholith on the Source cl. Specimens of fairly massive fluorite gave assays of up to 0.8% WO₃, in 1971, while a specimen of sphalerite-bearing diopside-pyrrhotite skarn assayed 3.2% Zn, 24.0 g/t Ag and less than 0.1% Pb and Cu.
In 1985, Shakwak reported assays of galena float as high as 3771.3 g/t Ag with 2.5% Pb. Most 1986 trenches failed to reach bedrock and those that did returned only weakly anomalous silver and lead values. The best assays were from float boulders exposed on trench walls. Specimens of the float contained up to 10% galena and sphalerite and assayed up to 202.3 g/t Ag.

References

GEOLOGICAL SURVEY OF CANADA, Map 55-21.
HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LTD, Apr/75. Assessment Report *#091104 by R.T. McIntosh.
MINERAL INDUSTRY REPORT, 1974, p. 150; 1975, p. 160.
SEREM LTD, Aug/82. Assessment Report *#091074 by M.A. Stammers.
SHAKWAK EXPLORATION COMPANY LTD, Jul/86. Assessment Report *#091827 by R.C.R. Robertson.
SHAKWAK EXPLORATION COMPANY LTD, Oct/86. Assessment Report #091921 by G. Davidson.
SHAKWAK EXPLORATION COMPANY LTD, Apr/87. Assessment Report *#091935 by G.S. Davidson.
YUKON EXPLORATION 1985-86, p. 122-123; 1987, p. 78.
YUKON GEOLOGY AND EXPLORATION 1979-80, p. 149; 1982, p. 100.

Work History

Date	Work Type	Comment
12/31/1986	Trenching	
12/31/1985	Geology	
12/31/1985	Geochemistry	Limited soil and some rock sampling.
12/31/1982	Geology	
12/31/1982	Geochemistry	

12/31/1981	Other	
12/31/1975	Drilling	Four holes, 361.2 m.
12/31/1975	Geology	
12/31/1975	Ground Geophysics	
12/31/1974	Drilling	Three holes, 445.3 m.
12/31/1974	Geology	
12/31/1974	Geochemistry	
12/31/1974	Trenching	
12/31/1971	Geology	
12/13/1987	Trenching	
12/13/1975	Geochemistry	
12/13/1971	Geochemistry	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
091935	1987	Assessment Report Silver Creek Property	Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Backhoe - Trenching		
091921	1987	Assessment Report Silver Creek Property	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Backhoe - Trenching		
091827	1986	Assessment Report Trenching GRA 1-42, REV 1-16 and SHA 1-147 Mineral Claims Gravel Creek Area	Rock - Geochemistry, Prospecting - Other, Handblast - Trenching		
091074	1982	Assessment Report Geological and Geochemical Report on the Source 1-24 Mineral Claims	Rock - Geochemistry, Silt - Geochemistry, Bedrock Mapping - Geology		
090604	1979	Report of Investigations on the Com # 21-26 Claims	Prospecting - Other		

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
A-4	Irvine	1975	AQ	4	1
A-5	Irvine	1975	AQ	10	1
A-6	Irvine	1975	AQ	10	1
A-7	Irvine	1975	AQ	10	1
A-1	Irvine	1974	AQ	0	1
A-2	Irvine	1974	AQ	14	1
A-3	Irvine	1974	AQ	0	1