



Occurrence Details

Occurrence Number: 115H 026
Occurrence Name: Thatch
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 7:47:11 AM

General Information

Secondary Commodities: copper, gold, molybdenum, silver, tungsten
Deposit Type(s): Skarn Cu
Location(s): 61°33'25" N - -137°37'43" W
NTS Mapsheet(s): 115H12
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Thatch cl 1-42 (Y63648) in Oct/71 by Can Occidental Pet L following a regional geochemical exploration program. Can Occidental conducted a mag survey, geological mapping, grid soil sampling and added the Hatch cl 1-36 (Y67644) to the south in 1972, enlarged the property and performed mapping, geochem sampling and mag and VLFEM surveys in 1981 and trenching and geochem sampling in 1982 in a joint venture with Eldorado Nuclear L. Hudson Bay Mg optioned the property in 1984 and explored with VLF EM and mag surveys and 12 holes (886 m) later in the year. Kerr Addison ML staked the HIK cl 1-32 (YA78197) 3.2 km to the southwest in Aug/83 and performed mapping and geochem surveys in 1984.

Capsule Geology

Molybdenite, scheelite and chalcopyrite occur in skarns formed in carbonate-rich layers in Nisling Terrane metasedimentary rocks near the contact of the Eocene Nisling Range Alaskite and weakly gossanous Tertiary volcanic rocks. Two types of skarn were found, calc-silicate and garnet-diopside with magnetite, pyrite and pyrrhotite. Best assays from chip samples were 0.05% W03, 0.1% Cu, .03% Mo, 2.6 ppm Ag and 115 ppb Au over widths ranging up to 2.4 m. The Hudson Bay work was directed toward precious metals near the plutonic contact, where sheeted quartz sulphide veins are superimposed on an earlier extensive vein stockwork. The best assay from the 1984 drilling was 6.89 g/t Au and 13.7 g/t Ag over 0.2 m. The HIK group was staked on a 400 m wide argillic zone with local silicification and chalcadonic veining, which cuts a felsic volcanic assemblage.

References

CANADIAN OCCIDENTAL PETROLEUM LTD, 1972. Assessment Report *#061102 by C.F. Gleeson and D. Bhatia.
CANADIAN OCCIDENTAL PETROLEUM LTD, 1973. Assessment Report *#060107 by N. Saracoglu.
CANADIAN OCCIDENTAL PETROLEUM LTD, 1982. Assessment Report *#091063 by R.M. Kuehnbaum.
HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LTD, Aug/84. Assessment Report *#091550 by D.A. Downing.
KERR ADDISON MINES LTD, Sep/84. Assessment Report *#091555 by D. Arscott and H. Copland.
MINERAL INDUSTRY REPORT, 1973, p. 68-69
YUKON EXPLORATION AND GEOLOGY 1981, p. 213; 1982, p. 198; 1984, p. 183.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
060107	1973	Geology, Geochemistry and Ground Magnetometry of the Hatch Claims and Ground Maganetometry of the Thatch Claims	Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC013178	Air photo overlays and silt sample notes of Victor OEX and Nisling - 115-H-12		Property File Collection	Geoscience Map (General)
ARMC013175	Map sheet 115H-12 of Albert Creek with geological notations		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016657	Geology map - 115H/12 - Albert Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC013177	Map of Albert Creek with field markings - Aeromagnetic series map 3294G		Property File Collection	Geophysical Map
ARMC013176	Map of Albert Creek with geology field markings - Aeromagnetic series map 3294G		Property File Collection	Geophysical Map
ARMC016658	Geochemistry map - 115H/12 - Albert Creek		Property File Collection	Geochemical Map

Drill core at YGS core library					
Number	Property	Year Drilled	Core Size	Photos	Data
DDH-84-01	Thatch	1984	NQ	0	0
DDH-84-02	Thatch	1984	NQ	0	0
DDH-84-03	Thatch	1984	NQ	0	0
DDH-84-04	Thatch	1984	NQ	0	0
DDH-84-05	Thatch	1984	BQ	0	0
DDH-84-06	Thatch	1984	NQ	0	0
DDH-84-07	Thatch	1984	NQ	0	0
DDH-84-08	Thatch	1984	NQ	0	0
DDH-84-09	Thatch	1984	NQ	0	0
DDH-84-11	Thatch	1984	NQ	0	0
DDH-84-12	Thatch	1984	NQ	0	0