



Occurrence Details

Occurrence Number: 105N 007
Occurrence Name: Etzel
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/15/2025 1:06:52 PM

General Information

Secondary Commodities: copper, gold
Deposit Type(s): Vein Cu+/-Ag Quartz
Location(s): 63°17'8" N - 132°59'31" W
NTS Mapsheet(s): 105N07
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Located, but not staked, by Atlas Explorations Ltd for the Hess Project (Atlas Explorations Ltd, Quebec Cartier Mining Company, and Phillip Brothers (Canada) Ltd) in 1967. The joint venture carried out prospecting and geochemical sampling in 1968. Viceroy Exploration (Canada) Inc staked Sass cl 1-12 (YC01282) 1 km to the east in Aug/98 and carried out rock geochemical sampling.
In Mar/99, NovaGold Resources Inc acquired 100% of Viceroy's interest in the Sass claims and 21 other grassroots properties in the Yukon in exchange for 3.4 million common shares. Later in 1999, NovaGold carried out geological mapping, prospecting and rock geochemical sampling.

Capsule Geology

Minor chalcopyrite is associated with pyrrhotite in narrow quartz-filled shear zones cutting Proterozoic Hyland Group calcareous quartzite. East-west oriented porphyritic quartz dykes intrude Hyland Group phyllite, sandstone and siltstone further to the east, in an area with abundant limonitic staining and gossanous occurrences. The dykes are associated with a large mid-Cretaceous Tombstone Suite quartz-biotite monzonite stock that has intruded 3.5 km to the east of the occurrence.
Calc-silicate skarn, consisting of pods of pyrrhotite and chalcopyrite and quartz-arsenopyrite vein breccias have been identified on the Sass claims. A 4.5 m chip sample of mineralized skarn, taken from the central part of former claim group returned values to 1.57 g/t Au, grab samples of other showings 500 m to the northwest and 1 km to the west returned 300 ppb Au and 1.29 g/t Au, respectively. Anomalous levels of bismuth and antimony are also associated with the showings. Quartz-arsenopyrite float located near the intrusive stock returned values to 2 000 ppb Au.

References

HESS PROJECT, Jan/69. Assessment Report #019033 by M.E. Coates.

NOVAGOLD RESOURCES INC, Feb/2000. Assessment Report #094087 by G. Johnson and C. Schulze.

ROOTS, C.F., ABBOTT, G., CECILE, M. AND GORDY, S., 1995. Bedrock Geology of Lasing Range Map Area (105N), East Half, Hess Mountains, Yukon. Indian and Northern Affairs Canada, Exploration and Geological Services Division, Yukon Region. Open File 1995-7 (G).

YUKON EXPLORATION AND GEOLOGY 1999, p. 11-12.

Work History

Date	Work Type	Comment
12/31/1999	Geology	
12/31/1999	Other	
12/31/1999	Other	
12/31/1998	Other	
12/31/1968	Other	
12/31/1968	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
097116	2017	2017 Diamond Drilling, Structural and Geological Mapping, Airborne Magnetic & Radiometric Survey, Airborne EM Survey, LIDAR Duvvey, and Group Geophysics (IP, Gravity, EM) on the Plateau Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, IP - Ground Geophysics, LIDAR - Remote Sensing		

094087	1999	1999 Geological and Geochemical Assessment Report on the Sass Property	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other		
019809	1968	Hess Area Project Proposed Property Follow-Up 1968 Field Season	Research/Summarize - Pre-existing Data		
019033	1968	Atlas Explorations Limited Project Report 1968 Hess River Area	Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		
018947	1967	Hess River Project Report	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
019032	1967	Hess River Project Report	Data Compilation - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC010372	Geochemical results and claim group map of Vole Creek area - Hess project		Property File Collection	Geochemical Map
ARMC008032	Geology map for 105N-5 & 6 - Hess claim group		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC008034	Regional geology map - Hess project		Property File Collection	Geoscience Map (General)
ARMC008149	Topographic map of 105N-7 showing geochemical sampling results - Hess River area		Property File Collection	Geochemical Map
ARMC008150	Geochemical results and claim group map of sheet 105N-7 - Ross River		Property File Collection	Geochemical Map
ARMC016483	Aeromagnetic series map of 105N/6 with notations		Property File Collection	Geophysical Map
ARMC011776	Geological map of Vole Creek area - Hess project		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016482	Geological overlay map - 105N/6		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016484	Geological overlay map - 105N/7		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018057	Air photo overlays - 105N/6 with stream sediment data sheets - A12328-72, 71, A12203-441, A12260-48, A12328-216, 79		Property File Collection	Geoscience Map (General)
ARMC018059	Air photo overlays - 105N/6 with stream sediment data sheets - A12203-440, 439, A12245-115, A12339-315, 326, 312, 324, 169, A12245-113		Property File Collection	Geoscience Map (General)
ARMC018060	Report on anomalies #34 and #36 - 105N/6 - Hess River area		Property File Collection	Report
ARMC018061	Hess River area - Roman Creek - Notes, silt-soil chart sketch map and geochemical work sheets		Property File Collection	Miscellaneous Company Documents
ARMC018062	Geochemical map of 105N/7		Property File Collection	Geochemical Map
ARMC018063	Geochemical map of 105N/7		Property File Collection	Geochemical Map
ARMC018065	Geology map - 105N/7		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018066	Overlay of map 105N/7 with notations		Property File Collection	Geoscience Map (General)
ARMC018067	Geology map - 105N/7		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC018068	Geological field map of 105N/7		Property File Collection	Geoscience Map (Geological - Bedrock)