092709

NANSEN PROJECT

HOLE No.	TARGET	SECTION LINE	STARTED: JUNE 20
88-105X	HUESTIS-FLEX		FINISHED: JUNE 22
COORDINATES	AZIMUTH: 48°	DIP-COLLAR: -50°	DEPTH: 45.1 m
NORTHING: 19744.33	ELEVATION: 1346.98 m	ACID DIP TEST: -49°	[redacted]
EASTING: 18158.44			

ROCK TYPES

- OVERBURDEN
- FELDSPAR PORPHYRY
- QUARTZ-FELDSPAR PORPHYRY
- MT. NANSEN GROUP VOLCANIC FLOWS, PYROCLASTICS & FEEDER DYKES
- GRANODIORITE
- QUARTZ-FELDSPAR-CHLORITE GNEISS
- AMPHIBOLITE

MODE

B - BLEBS	L - LAMINATIONS
C - COATINGS	M - MASSIVE
D - DISSEMINATIONS	O - SPOTS
E - ENVELOPES	P - PERVASIVE
J - INTERSTITIAL	Q - PATCHES
< - VEINLET > PERVASIVE	V - VEINLETS
> - PERVASIVE > VEINLET	# - BRECCIA FILLING

AMOUNT

N - NIL	(- 0.1%	3 - 30%
L - LOW TRACE	+- 0.3%	4 - 40%
F - FAIR	) - 1%	5 - 50%
M - MODERATE	+ - 3%	6 - 60%
A - ABOVE AVERAGE	= - 5%	7 - 70%
H - HEAVY	■ - 7%	8 - 80%
	1 - 10%	9 - 90%
	2 - 20%	X - 100%

SYMBOLS

- VEIN
- VEIN (<20cm)
- FAULT
- FAULT GOUGE
- FRACTURES
- BREAK
- BRECCIA
- CRACKLE BRECCIA
- 40° X - ANGLE TO CORE AXIS
- SHEAR
- D/S - DOWN SECTION
- AS - ARSENOPYRITE
- BO - BORNITE
- CP - CHALCOPYRITE
- GL - GALENA
- GY - GYPSUM
- HE - HEMATITE
- PY - PYRITE
- PYR - PYRRHOTITE
- QC - CHALCEDONY
- QV - QUARTZ VEINLET
- S - SULPHIDES
- SL - SPHALERITE
- SX - FINE-GRAINED SULPHIDES & SULFOSALTS

DEPTH (m) | VISUAL LOG | LITHOLOGY | ALTERATION FACIES | CHLORITE | EPIDOTE | CALCITE | MONTMORILLITE | KAOLINITE | QTZ-SERICITE | QTZ-VEINS | PYRITE | VERY FINE SULPHIDES AND SULFOSALTS | LIMONITE | MANGANESE OXIDES | % OXIDATION | FRACTURE INTENSITY | SAMPLE NUMBER | % RECOVERY BETWEEN BLOCKS | SAMPLE INTERVAL | oz/t AU | oz/t AG

CASING - 100% CORE RECOVERED

Gouge ?

Very fine, reddish (<10%) Limonite stained clay /"fault" Gouge ?

Fault gouge, ~40% Limonite stained clay, 40% Frags + fault fragments

Amphibolite

Quartz vein, 40°-?, Limonite, Chlorite, Epidote altered Amphibolite, 20 cm

Fracture @ 50°-?

Fracture, 40 Actinolite Frags.

Fracture, Amphibolite altered Frags, Fracture 60°-?

Montmorillonite facies (Supergene)

Argillic facies (Supergene)

Kaolinite facies (Supergene)

Kaolinite / Propylitic facies (Supergene)

Argillic facies (Supergene)

Kaolinite facies (Supergene)

Propylitic facies (Supergene)

Argillic facies (Transitional)

Kaolinite facies (Transitional)

Argillic facies (Transitional)

Fracture, 50°-?, Actinolite, Chlorite, Limonite, Quartz veinlets, 60°-?

Fracture, Chlorite, Limonite, Pyrite on fractures

Fracture, Chlorite, Pyrite on fractures

Fracture, Chlorite, Limonite, Pyrite on fractures

Kaolinite facies (Transitional)

Argillic / Kaolinite facies (Transitional)

Kaolinite facies

Montmorillonite facies (Supergene)

Fracture, 50°-?, Actinolite, Minor Pyrite blebs (1%)

Argillic / Quartz-sericite facies

Propylitic facies (Supergene)

Amphibolite

End of hole