092709

[redacted]

NANSEN PROJECT

HOLE No.	TARGET	SECTION LINE	STARTED: JUNE 16
88-99X	DICKSON		FINISHED: JUNE 17
COORDINATES	AZIMUTH: 35°	DIP-COLLAR: -50°	DEPTH: 41.1 m
NORTHING: 20343.01	ELEVATION: 1445.83 m	ACID DIP TEST: -47°	[redacted]
EASTING: 18795.96			

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%
	+ - 3%	6 - 60%
M - MODERATE	- - 5%	7 - 70%
A - ABOVE AVERAGE	■ - 7%	8 - 80%
H - HEAVY	1 - 10%	9 - 90%
	2 - 20%	X - 100%

SYMBOLS

- VEIN
- VEIN (<20cm)
- FAULT
- FAULT GOUGE
- FRACTURES
- BREAK
- BRECCIA
- CRACKLE BRECCIA
- 60° @ - 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	MONTMORILLONITE	KAOLINITE	QTZ-SERICITE	QTZ-VEINS	PYRITE	VERY FINE SULPHIDES & SULFOSALTS	LIMONITE	MANGANESE OXIDES	% OXIDATION	FRACTURE INTENSITY	SAMPLE NUMBER	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	oz/t AU	oz/t AG
		CASING - NO CORE RECOVERED																			
3.10		GRANODIORITE (LIGHT ALTERATION)	PROPYLITIC FACIES (UNDERGROUND)	PM	VL	N	N	N	N	N	N	N	L	N							
7.70		BARREN HEADING @ TRANSITION (5%)	KAOLINITE FACIES (UNDERGROUND)	M	M	FL	N	PM	FL	M	N	N	L	M	8							
11.00		QUARTZ VEIN - PYRITE GRANODIORITE	KAOLINITE FACIES (UNDERGROUND)	FL	M	M	M	PM	M	M	N	N	L	M	8							
12.90		APLITE DYKE - VUGGY	MONTMORILLONITE FACIES (UNDERGROUND)	PL	M	FL	FL	FL	M	M	N	N	L	M	8							
14.00		QUARTZ VEINS	PROPYLITIC FACIES (TRANSITIONAL)	PL	PL	VL	M	N	V	M	L	M	L	M	5							
14.90			KAOLINITE FACIES (TRANSITIONAL)	M	M	M	N	PM	FL	M	VL	N	L	N	4							
15.50			MONTMORILLONITE FACIES (UNDERGROUND)	M	M	PM	PM	M	M	M	N	N	L	M	7							
16.30		QUARTZ VEIN - EPIDOTE FRAGMENTS / FLUX ALTERATION	MONTMORILLONITE FACIES (UNDERGROUND)	M	M	PM	PM	M	FL	FL	FL	FL	L	M	7							
17.50		GRANODIORITE - DISSEMINATED PYRITE	MONTMORILLONITE FACIES (UNDERGROUND)	M	M	PM	PM	M	M	M	FL	N	L	M	7							
18.90			MONTMORILLONITE FACIES (UNDERGROUND)	M	M	FL	FL	FL	M	M	FL	N	L	L	7							
22.20			PROPYLITIC FACIES (UNDERGROUND) ↓ Increased strength of alteration	PL	VL	FL	N	M	N	M	FL	N	L	N	5							
23.40		APLITE DYKE		PL	VL	FL	N	M	N	M	FL	N	L	N	5	A						
27.15			MONTMORILLONITE FACIES (TRANSITIONAL)	FL	M	PM	PM	M	M	M	FL	M	L	M	5							
35.05			QUARTZ SERICITE (TRANSITIONAL)	M	M	M	M	M	PM	FL	VL	N	L	M	5							
35.60		QUARTZ VEIN - SUPERGENE QUARTZ VEIN - EPITHERMAL QUARTZ VEIN	QUARTZ SERICITE - EPITHERMAL (VEIN)	M	M	M	M	M	FL	FL	FL	M	L	M	5							
36.00			QUARTZ SERICITE (TRANSITIONAL)	M	M	M	M	M	FL	FL	FL	M	L	M	5							
36.50			KAOLINITE FACIES (TRANSITIONAL)	M	M	M	M	PM	FL	FL	FL	M	L	M	5							
37.40			MONTMORILLONITE FACIES (UNDERGROUND)	M	M	FL	PM	M	M	M	FL	M	L	M	5							
41.15		END OF HOLE																			