HOLE NO: R 0 2 6

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES N. E.

INCLINATION: -90 BEARING: ——

PROJECT: ISLAND COPPER

DATE STARTED: 11 SEP '76

DATE FINISHED: 22 SEP '76

TOTAL DEPTH: 943 FT

PAGE NO: 1 OF 13

REF. TO CLAIM CORNER:

SCALE: 1" = 10'

LOGGED BY: J. Lamb

012552

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: To 221 sand, gravel & till overburden. Hole is on M&B mainline, ¼ mi south of bridge over NAUKWAAS CR.	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y SAMP. INT.	ESTIMATED
					DESCRIPTIVE GEOLOGY								
200					200-208 - Mixed muddy till & ground up rock pebbles of various types.			200	50				
								208					
220					208-257 - Much broken dark gray to green lapilli tuff w. frags to ¼". Some alteration to epidote. A few narrow calcite seams. Slight development of hem. alt'n. To 221, mixed stones of varied origin & pieces of tuff				50				
240													
260								257					
					257 - See P2								

PROPERTY FILE

921158

HOLE NO.: | PROJECT: | PAGE NO: 2 OF 13

COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: | SCALE:

INCLINATION: | BEARING: | TOTAL DEPTH: | LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y SAMP. INT.	ESTIMATED
					257 — 288 — Only a few feet of rubble. looks like a fault zone. No mud or gouge recovered. Probably washed away.			257	10				
					288 — 317 - Greenish volcanic breccia, mixed w. lapilli tuff. Some of larger pieces composed of f'gtl. tuff. Slight epid. and hem. alt'n. Scattered calc. fracs.			288	85				
					looks like dragged out bddg.								
					317 - See P3			317					

HOLE NO.: [illegible]

CASING COLLAR ELEV.: GROUND ELEV.:

COORD. RATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y SAMP. INT.	ESTI-MATED
320					317-326 - Gouge zone w. muddy brecciated core. broken pieces white calc.			320 326	85				
340					326-376 - Black spotted lapilli & frag'tl tuff, w numerous gouge seams as noted. & Much brecciation & healing w. calc.								
					½" gouge								
360					½" ftt				90				
					1" gouge slip								
					1" gouge								
					1" gouge								
380					numerous gouge breccia zones			376					
					376 - See P4								

HOLE NO.: 2

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
300					376 – 399 – Dark grey green fine f'gtl tuff. w. wispy streaks of calc. Non magtc.			330					
310					1/4" slip				91				
								399					
400					399 – 435 - Dark green to slightly brownish frag'tl tuff. Frags to 2mm. Laced w. wisps & streaks fine white to pinky calc. Non magtc. Last 15' is reddy-brown w. hematite alt'n.								
410									94				
420													
430													
								435					
					435 – See P 5								

HOLE NO.: [illegible]

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

DEPRESSION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTI-MATED
440					[illegible] w. hematite [illegible] w. only slight [illegible] [illegible] wispy [illegible] green to black Non mag'tic. [illegible] network w. lesser amts of irreg pink f spar veins.			40	95				
450													
460													
470													
480													
490													
500								50					

HOLE NO: R0
CASING COLLAR ELEV.: GROUND ELEV.:
COORDINATES: N. E.
INCLINATION: BEARING:

PROJECT:
DATE STARTED:
DATE FINISHED:
TOTAL DEPTH:

REF. TO CLAIM CORNER:
SCALE:
LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS:	DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
500, 510, 520						500 – 526 – Mass. finely frag'td tuff laced w. wh. calc + tiny pink f'spar veinlets. Several short stretches, hematitic. Non magtc			500	94				
530, 540						526 – 542 :– Grayish f'gtl. tuff laced w both calc + qtz veinl'ts: Some frags to 2". Epidote alt'n common. Non magtc.			526	91				
550, 560					1/4" slip	542 – 588 – Mottled white + black spotted mass. f'gtl. tuff. Quartz + calc veining. A little epidote			560	92				

HOLE NO.: [illegible]
CASING COLLAR ELEV.: GROUND ELEV.:
COORDINATES: N. E.
INCLINATION: BEARING:

PROJECT:
DATE STARTED:
DATE FINISHED:
TOTAL DEPTH:

REF. TO CLAIM CORNER:
SCALE:
LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
560					542-588 See p 6			560					
570									91				
580					1" shear ground			588					
590					588-622 – Much broken + rubbly tuff w. poor recovery Rock is dark gray green frgt'l. tuff w. white fine frags. Some calc + a few pink f'spar veins. Non mag'tic. No gouge but probably a fault in this area								
600					6" core				25				
					3" of rubble								
610					3' core missing								
					about 18" of core			620					

HOLE NO.: 10 | PROJECT: | PAGE NO: 8 OF 13

COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: | SCALE:

DIRECTION: | BEARING: | TOTAL DEPTH: | LOGGED BY:

DEPTH	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
400													
				1/4" calc	622-668 - Med. gray-green calc. breccia tuff. Much streaky & spotty epid. alt'n. A few calc-f'spar veinlets. Non mag'tic.								
450				calcite, wallrock breccia									
500									87				
550													
				1/2" vein									
600				1/2" calc	668-706 - Dark to pale gray massive tuff. w. close packed whitish to green f'grnd. about 1/8" in size. Non calc. & minor f'spar stringers. Sparse epidote alt'n of semi-frags.								
				1/8" f'spar.									

HOLE NO.:		PROJECT:	PAGE NO: 9 OF 13
BAS NO COLLAR ELEV.:	GROUND ELEV.:	DATE STARTED:	REF. TO CLAIM CORNER:
COORDINATES:	N. E.	DATE FINISHED:	SCALE:
INCLINATION:	BEARING:	TOTAL DEPTH:	LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTI-MATED
					DESCRIPTIVE GEOLOGY								
690					668-706 – [illegible] Minor streaks hematite								
690					1/4" slip w calc				72				
700								706					
710					706 – 740 – Massive dark gray f'gtl. tuff w. sparse dark lmy f'gmts. Non magnetic. Some hematite alt'n of frags. Vague dark streaky dendritic ~~for~~ patterns in places. A few calc & pink f'spar veins. Very minor epid spotting.								
720					2" calc breccia				95				
730					1/4" calc-f'spar								
								740					

HOLE NO: A2

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y SAMP. INT.	ESTIMATED
740					740 – 783 – Dark gray-black f'gtl tuff w. very fine frags. Numerous splashes & streaks calc, pink f'spar & occ. calc veinlets. Epidote minor & subdued.			740	91				
750													
760													
770					1/8" calc								
780					1" fault ½" epidote frac			783					
790					783 – 828 – Dark to pale gray f'gtl tuff. Non mag'tic. Ragged calc & pink f'spar veinlets. 796-821 greenish w. epid. alt'n. Fragments from black to gray & 1/16" size Minor hem.								
800								800					

HOLE NO: [illegible]

PROJECT:

PAGE NO: 11 OF 13

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE # INTERVAL	% REC'Y. SAMP. INT.	ESTI-MATED
[illegible]					[illegible]								
					[illegible]				12				
					[illegible]								
					[illegible]		223						
830					823 - 860 - Coarse volcanic lapilli breccia. Altered rounded pieces of light tuff in a light tuff matrix. Cut by narrow veins of calc & pink feldspar. Mod hem alt'n. Spotty epid alt'n, especially in volcanic fragments.				94				
840													
850													

HOLE NO: R6 | PROJECT: | PAGE NO: 12 OF 13

DAS NO: COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: | SCALE:

INCLINATION: | BEARING: | TOTAL DEPTH: | LOGGED BY:

ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y SAMP. INT.	ESTIMATED
				860 – 939 – Black wacke f'gtl. tuff strong w pink f'spar & some calcite veins. Some frags. altd to red hematite. Non magnetic.			860	72				
			– ch'lly. vague bdg. 45°				939					
				939 – 927 – Dark to pale gray f'gr'd tuff & volcanic brxa. Spotty epidote all'n, but minor. Non magnetic. A few spots pale f. gr. qtz in last 10'. Minor displ'mnt on some veins. Finely frotted w calc & f'spar veinlets				93				
			Vague bdg @ 70°				927					

HOLE NO: R

CASING COLLAR ELEV.:

GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

SECTION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVALS	% REC'Y. SAMP. INT.	ESTI-MATED
								910					
									93				
								924					
					possibly vague bdg at 60° to core								
					924 – 948 - Spotted f gmtl tuff w. fine net of calc. seams. Varies from pale green gray to almost black (possibly due to carbon). Some minor crackling w. slight brecciation				92				
					Frags. mostly pale, up to 1/8" in size								
								948					
					948 END OF HOLE								
					Note - Appearance of rock similar to that in DDH P1 to P4 & all rocks just south of pit & around the I.C. mill. The hole is probably south of favorable belt in this area.								