EQUITY ENGINEERING LTD.

DRILL LOG

PROJECT: REIN	COLLAR ELEVATION: 1370m
HOLE: REN97-07	AZIMUTH: 000°
LOCATION: 7179865N 637365E	DIP: -50
LOGGED BY: C.BAKER	LENGTH: 44.50 m
DRILLED BY: FALCON DRILLING	HORIZONTAL PROJECTION:
ASSAYED BY: CHEMEX LABS	VERTICAL PROJECTION:
CORE SIZE: BTW	
DATE STARTED: 29/08/97	DATE COMPLETED: 30/08/97
DIP TESTS BY: NONE	

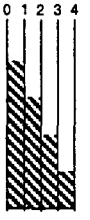
DEPTH	DIP	AZIM	DEPTH	DIP	AZIM

OBJECTIVE: TO TEST NL-MO-PD SOIL ANOMALY ON MM GRID. -AS-ZN

ALTERATION SCALE

absent
slight
moderate
intense

SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

SUMMARY LOG

LITHOLOGIES		MINERALIZATION:
0 - 7.92	OVERBURDEN (CASED)	CONSISTED OF OXIDES FOUND OVER A
7.92 - 15.5	CHERTY ARGILLITE	NARROW INTERVAL FROM 32.7m TO 33.1m.
15.5 - 23.2	BLACK SHALE	MOST COMMON OXIDE WAS ANGLESITE, POSSIBLE
23.2 - 24.4	NO RECOVERY	VANADIUM OXIDES & MINOR JAROSITE.
24.4 - 32.7	CALCAREOUS BARITE HORIZON	SAMPLES WERE TAKEN FROM 2.7 m ABOVE
32.7 - 40.6	CALCAREOUS ARGILLITE	THE BARITE HORIZON TO 2.0m BELOW THE
40.6 - 42.5	CHERTY ARGILLITE	BARITE HORIZON.
42.5 - 44.5	BLACK SHALE	

PAGE 1 OF 3 | PROJECT REIN | HOLE 97-07

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION (CA VNLTS)	FRACTURE INTENSITY
					0-7.92 OVERBURDEN		
7.92							
10	44	0			7.92-16.00 CHERTY ARGILLITE		
10.92					DARK GREY IN COLOUR WITH UNSCRATCHABLE		
	131	0	CH AR		MATRIX. NO REACTION TO HCL. ABUNDANT		
12.19					JAROSITE THROUGHOUT ON FRACTURE SURFACES.		
	19	0			CORE IS EXTREMELY RUBBLE SO NO STRUCTURAL		
14.02					MEASUREMENTS OBTAINED. VERY WEAK CALCITE VEINING		
15	26	0			NOTED IN LARGER PIECES OF CORE. GRAIN SIZE IS		
					UNIFORMLY FINE THROUGHOUT THE UNIT. LOWER CONTACT		
17.07					GRADATIONAL. UNIT IS NON-CONDUCTIVE		
			BL GY		16.0-23.2 BLACK SHALE.		
	16	0			VERY SOFT & FRIABLE. UNIT IS MASSIVE AND HAS		
20					A LOCAL WEAK REACTION TO HCL. FINE GRAINED		
20.12					THROUGHOUT. UNIT IS VERY WEAKLY CONDUCTIVE.		
	16	0					
21.64							
	26	0			23.16m - 24.38m NO RECOVERY		
23.16							
	NO RECOVERY						
24.38							
25 25.68	96	0			24.4 -32.7 CALCAREOUS BARITE HORIZON.		
	41	0			LIGHT GREY IN COLOUR WITH FINE TO MEDIUM GRAIN SIZE.		
26.82	CH	0		BEDDING @ 50° TO CA BRECCIA			
27.13	103	23	CA		THE UNIT REACTS STRONGLY TO HCL. THE UNIT IS MODERATELY		
27.74			BA	BEDDING DIP 40°	VEINED WITH CALCITE AND IS WEAKLY BRECCIATED IN		
	84	60			SOME SECTIONS. THE MATRIX OF THE BRECCIATION		
29.66				BEDDING @ 30°	IS CALCITE AND IT APPEARS AS THOUGH SOME OF THE		
30	98	26		BRECCIATION			
30.48					SEDIMENTS WERE TAKEN UP INTO THE BARITE		
	103	46			HORIZON DURING BRECCIATION. THE BEDDING IS		
				CALCITE VEINING @ 40°			
32.31	55	0		BEDDING @ 75°	VARIABLE THROUGHOUT. THE UPPER 1.5m OF THE		
	94	23			INTERVAL HAS MODERATE JAROSITE ON THE FRACTURES.		
				BEDDING @ 75°	LOWER CONTACT IS RUBBLY CORE		
35 35.36							
			CA AR		32.7-40.6 CALCAREOUS ARGILLITE		
	81	34			DARK GREY IN COLOUR WITH UNIFORMLY FINE		
38.4					GRAIN SIZE. THE UNIT IS VERY HARD AND		
40	100	9		BEDDING @ 65°	REACTS STRONGLY TO HCL. CALCITE VEINING		
41.45					IS WEAK OVERALL BUT AT THE TOP OF THE		
			CH AR		UNIT IT IS SLIGHTLY MORE INTENSE. IN THIS		
				CONTACT @ 70°	NARROW ZONE ABUNDANT VEINING MINOR AMOUNTS		
	103	34	BL GY		OF DOLOMITE WAS OBSERVED WITH MINOR JAROSITE		
					ALSO. NO REACTION TO DILUTE ZAP OBSERVED.		
44.5 45					LOWER IN THE UNIT ARE SLIGHTLY COARSER GRAINED		
					SILTY INTERVALS WHICH ARE RELATIVELY CARBONACEOUS.		

PAGE 2 OF 3	PROJECT REIN	HOLE 97-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	Pt ppb	Pd ppb	Mo ppm	Ni ppm	Zn ppm
5											
		7.92	10.97	3.05	299775	<2	<5	2	22	113	664
10											
		10.97	12.19	1.22	76	<2	<5	<2	25	38	314
		12.19	14.02	1.83	77	<2	<5	<2	21	37	188
15		14.02	16.50	2.48	78	<2	<5	<2	38	112	304
		16.50	17.07	0.57	79	<2	<5	<2	35	238	564
		17.07	20.12	3.05	299780	<2	<5	2	63	3490	3790
20		20.12	21.64	1.52	299781	2	<5	2	56	166	1325
		21.64	23.16	1.52	299692	6	10	12	234	5190	43260
		23.16	24.38	1.22	NO	RECOVERY					
										1	
25		24.38	25.60	1.22	299693	<2	<5	<2	3	18	160
		25.6	26.8	1.2	299694	<2	<5	2	6	138	346
		26.8	28.	1.2	299695	<2	<5	<2	1	22	70
		28.0	29.3	1.3	299696	<2	<5	<2	<1	30	20
30		29.3	30.5	1.2	299697	<2	<5	2	6	52	40
MINERALISATION OCURS AS ANNABERGITE		30.5	31.70	1.2	299698	<2	<5	<2	5	36	2
IN A NARROW ZONE (35cm) IMMEDIATELY		31.7	32.7	1.0	299699	<2	<5	2	10	67	24
BENEATH THE CALCAREOUS BARITE HORIZON.		32.7	33.1	0.4	299700	2	5	4	63	6350	3400
SAMPLES EXTENDED 2.8m INTO THE		33.1	34.1	1.0	299701	2	<5	4	78	235	390
35 HANGING WALL, THROUGH THE BARITE		34.1	35.1	1.0	299702	<2	<5	2	58	398	456
HORIZON AND 3m INTO THE FOOTWALL		35.1	36.1	1.0	299703	4	<10	8	66	231	436
		36.10	38.40	2.30	299782	<2	<5	<2	63	203	308
		38.40	40.60	2.20	83	<2	<5	<2	44	183	362
40											
		40.60	42.50	1.90	84	4	<5	<2	53	159	1560
		42.50	44.50	2.00	85	<2	<5	<2	90	278	788
45											

PAGE 3 OF 3 | PROJECT REIN | HOLE 97-07

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION	FRACTURE INTENSITY
					LOWER CONTACT GRADATIONAL OVER APPROX 2cm		
40.6 - 42.5					CHERTY ARGILLITE		
					AS PER 7.6 - 15.5m. CALCITE VEINING IS WEAK AND TRACE JAROSITE NOTED ON FRACTURE SURFACES. THE UNIT IS MODERATELY CONDUCTIVE		
					BOTTOM CONTACT SHARP @ 70° TO CA. WEAKLY CONDUCTIVE		
42.5 - 44.5					BLACK SILTALE		
					AS PER 15.5 - 23.16m IN APPEARANCE EXCEPT THE UNIT IS MODERATELY CONDUCTIVE AND ONLY A VERY LOCALIZED WEAK REACTION TO HCl NOTED.		