RENISON LIMITED - DRILL CORE RECORD

HOLE NUMBER	TH6
PURPOSE	To test coincident I.P. and geochemical anomalies.
LOCATION	East Heemskirk Grid - 3195N, 1300E
COLLAR R.L.	249.61
CO-ORDINATES	5359 945.19N, 354552.41E
LENGTH	137.1m
HOLE SIZE	0 - 13.0 HQ 13.0 - 48.5 NQ 48.5 - 137.1 BQ
DATE DRILLED	24.6.80 - 4.7.80
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	P. ROBERTS
COMMENTS	This hole was designed to test a series of IP and geochemical anomalies extending from 1000 to 1250E on line 3200N. As in the other two holes drilled in this program, granite was intersected at shallow depth. This suggests that the embayment of the granite contact North West of the site probably does not represent a fault as previously thought. Only one down hole survey was successfully carried out because artesian water pressure made it impossible to place the Eastman camera down the hole.

SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
(m)	(AMG)							
Collar	270°	-40°	0 - 66.5	66.5	42.75	206.86	50.94	50.94
133.0	279°	-36°	66.5-137.1	70.6	41.50	165.36	57.12	108.06

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS													B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				
	29.1	32.3	3.2	<0.01	<0.01	0.02			<0.01	0.02	0.001	0.02	3				
	45.6	46.6	1.0	<0.01	0.01	0.04			<0.01	0.12	0.002	0.03	4				

NWPS 27344

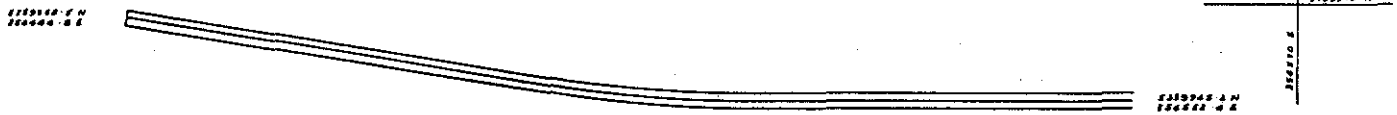
RENISON LIMITED

HOLE No TH 6 SCALE

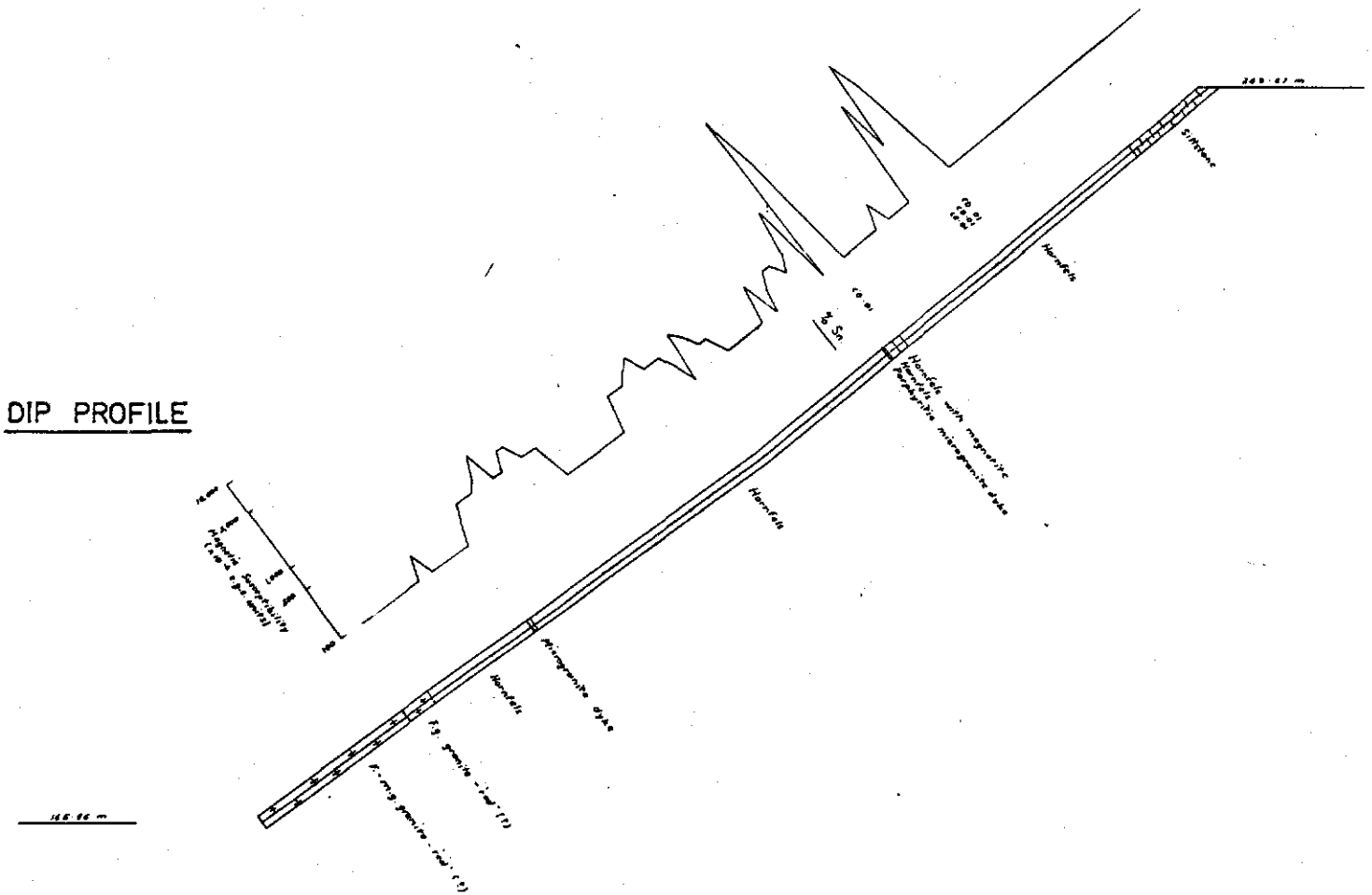
DIAMOND DRILL HOLE PLOT

5 cm

PLAN



DIP PROFILE



034057

DIAMOND DRILL RECORD

HOLE NUMBER : TH6

LOGGED BY : P. ROBERTS

xwps

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0.0	11.8	8.5	72	0.0 - 11.5 SILTSTONE Very pale grey to white, generally uniform and unbedded. Very badly broken, largely along irregular joints coated with brown-black ferruginous (and manganiferous?) material. Includes harder, partly laminated, pale grey hornfels (BCA 20°) between 7.6-10.7m.														
11.8	29.1	16.6	96	11.5 - 29.1 HORNFELS Pale grey, occasionally pink or mauve-brown, generally laminated, pervasively quartz veined. Largely hornfelsed argillite but minor hornfelsed sandstone (?) Strongly altered and/or brecciated, with veinlets or impregnations of black tourmaline (?) and clots of chlorite at 13.0 - 14.2, 17.1-17.6, 17.9-22.7, 24.6-25.3m. Rare blebs of pyrite. BCA varies: ~15° from 11.5-13.0m, 25-30° 14.2-15.5m, 35-40° 15.5-17.1m, 45° 22.7-23.5m, 60-70° 23.5-29.1m.														
29.1	32.1	3.0	100	29.1 - 32.3 HORNFELS Pale grey, similar to above with interbeds of green-black chlorite (or serpentine?), associated with magnetite beds from 30.9-32.3m BCA 70°. Thin Section 30.8m.		29.1	30.1	<0.01	<0.01	0.02			<0.01	0.03	0.002	2	0.02
						30.1	31.1	<0.01	<0.01	0.02			<0.01	0.01	0.001	4	0.02
						31.1	32.3	<0.01	<0.01	0.02			<0.01	0.02	0.001	3	0.02
32.1	38.1	6.0	100	32.3 - 39.3 HORNFELS Grey, strongly altered, laminated and folded. Minor veining of dark grey-green material, minor magnetite and muscovite, minor veinlets and blebs of pyrite and pyrrhotite. Includes altered microgranite dyke (?) 32.5-33.0m. BCA varies: 70° from 32.3-32.5, ~20° 33.0-33.4m ~40° 33.4-34.3m, ~10° 34.8-36.3, ~30° (overturned of previous reading) 36.3-36.7m 70-80° 36.7-37.7m 45-55° 37.7-38.7m. Thin Section 38.0m.														
38.1	44.1	6.0	100	39.3 - 42.8 HORNFELS Pale pink or pale green, generally unbedded, at least partly brecciated, containing variously oriented siliceous boudins (?) in a hornfels matrix. Pervasively veined by quartz. Cherty 42.0-42.6m, containing irregular patches of brown material. BCA (where visible) ~45°. Thin section 42.2m														
44.1	47.1	3.0	100	42.8 - 45.6 HORNFELS Similar to 11.5-29.1m, weakly laminated (BCA ~45°), trace pyrite and pyrrhotite. Includes microgranite intruded parallel to bedding 44.8 - 44.9m.														
				45.6 - 46.6 HORNFELS WITH MAGNETITE Grey with magnetite roughly conformable to bedding. Minor green-black chlorite (?). Thin section 45.9m		45.6	46.6	<0.01	0.01	0.04			<0.01	0.12	0.002	4	0.03

DIAMOND DRILL RECORD

HOLE NUMBER : TE6

LOGGED BY : P. ROBERTS

NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
47.1	113.1	65.6	99	46.6 - 113.3 HORNFELS		Analyser Results (comparator setting 130)											
				Mauve-brown, pale grey-green, grey, finely laminated. Traces of		48.5	49.0	<0.1									
				pyrite and pyrrhotite in thin veinlets or finely disseminated		49.0	50.0	<0.1									
				throughout. Trace black tourmaline in thin veinlets mostly		50.0	51.0	<0.1									
				nearly parallel to c.a. Minor quartz veining. Tuffaceous (?)		51.0	52.0	<0.1									
				in part, particularly from 55.7-57.1 and 102.7-113.3m. BCA		52.0	53.0	<0.1									
				varies: 45° from 46.6-52.0m, 35° 52.0-58.0m, 40-45° 58.0-93.0m,		53.0	54.0	<0.1									
				20-40° 93.0-94.2, 40° 94.2-98.0m, ~50° 99.3-106.8m, 60-70°													
				106.8 - 113.0m. Includes:		66.0	67.0	<0.1									
						67.0	68.0	<0.1									
				47.9 - 48.1 Sericitized porphritic microgranite (?) dyke													
				intersected at ~10° to c.a.		70.0	71.0	<0.1									
				49.2 3cm Magnetite bed.		77.3	78.0	<0.1									
						78.0	79.0	<0.1									
				52.8 - 53.4 Pale green hornfels interspersed with masses of		79.0	80.0	<0.1									
				green-black chlorite (?).		80.0	81.0	<0.1									
						81.0	82.0	<0.1									
				66.7 - 66.9 Vein of grey-green chlorite (?) quartz, minor		82.0	83.0	<0.1									
				pyrite, trace pyrrhotite.		83.0	84.0	<0.1									
						84.0	84.6	<0.1									
				77.5 - 77.6 Several thin veins of quartz and fine tourmaline (open													
				space filling).		92.1	93.0	<0.1									
						93.0	94.0	<0.1									
				87.5 - 98.7 Includes greenish, strongly altered, strabound zones		94.0	95.0	<0.1									
				with pyrite ± quartz veins, unbedded (bedding obli-		95.0	95.8	<0.1									
				terated by alteration?).													
				98.7 - 99.3 Microgranite dyke, white, bearing disseminated black													
				tourmaline. Contacts near-conformable.													
				Thin sections 56.4, 71.3, 94.3m													
113.1	116.1	3.0	100	113.3 - 116.9 FINE GRAINED GRANITE													
				Very pale grey-green, or very pale yellow, mottled. Very fine													
				grained at contact, becoming progressively coarser grained													
				downwards. Slightly altered. Includes several quartz/tourmaline													
				/feldspar nodules (open-space filling).													
116.1	137.1	21.0	100	116.9 - 137.1 FINE TO MEDIUM GRAINED GRANITE													
				Grey, minor pink or very pale yellow colouration. Abundant													
				nodules (1-3 cm diameter) and veins/veinlets of quartz/tourmaline													
				Minor sericitization of plagioclase (?) feldspars throughout.													
				Becoming porphyritic 134.0 - 137.1m.													
				END OF HOLE 137.1m.													

DIAMOND DRILL RECORD

HOLE NUMBER : TH6

LOGGED BY : P.R.

NWTS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION
				MAGNETIC SUSCEPTIBILITY (x 10^{-6} c.g.s. units)

FROM	TO	M.S.
0.0	1.0	100
	2.0	<100
	3.0	100
	4.0	<100
	5.0	<100
	6.0	<100
	7.0	<100
	8.0	<100
	9.0	<100
	10.0	<100
	11.0	<100
	12.0	<100.
	13.0	<100
	14.0	<100
	15.0	<100
	16.0	<100
	17.0	<100
	18.0	<100
	19.0	<100
	20.0	100
	21.0	<100
	22.0	100
	23.0	<100
	24.0	<100
	25.0	<100
	26.0	<100
	27.0	<100
	28.0	<100
	29.0	<100
	30.0	600
	31.0	~2500
	32.0	~5000
	33.0	500
	34.0	2000
	35.0	100
	36.0	100
	37.0	100
	38.0	100
	39.0	200
	40.0	<100
	41.0	<100

FROM	TO	M.S.
41.0	42.0	<100
	43.0	<100
	44.0	<100
	45.0	100
	46.0	~3000
	47.0	~10000
	48.0	100
	49.0	~1000
	50.0	300
	51.0	200
	52.0	300
	53.0	300
	54.0	200
	55.0	100
	56.0	200
	57.0	100
	58.0	100
	59.0	100
	60.0	<100
	61.0	<100
	62.0	100
	63.0	200
	64.0	200
	65.0	300
	66.0	400
	67.0	100
	68.0	200
	69.0	300
	70.0	300
	71.0	300
	72.0	500
	73.0	400
	74.0	300
	75.0	300
	76.0	300
	77.0	100
	78.0	<100
	79.0	100
	80.0	100
	81.0	<100
	82.0	100

FROM	TO	M.S.
82.0	83.0	100
	84.0	<100
	85.0	100
	86.0	300
	87.0	300
	88.0	300
	89.0	500
	90.0	500
	91.0	300
	92.0	300
	93.0	700
	94.0	400
	95.0	300
	96.0	300
	97.0	300
	98.0	200
	99.0	100
	100.0	<100
	101.0	100
	102.0	100
	103.0	100
	104.0	100
	105.0	200
	106.0	100
	107.0	100
	108.0	100
	109.0	100
	110.0	<100
	111.0	100
	112.0	<100
	113.0	100
	114.0	100

FORM.

% Sn. FROM	TO	TOTAL	ACID SOL.	% Ce.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3

034060