RENISON LIMITED " DRILL CORE RECORD

HOLE NUMBER	FED 14
PURPOSE	To test for extensions of mineralization intersected in FED 10
LOCATION	WEST FEDERATION WORKINGS
COLLAR R.L.	425.26
CO-ORDINATES	5 359 650.98 N 349 941.46 E
LENGTH	104.5m
HOLE SIZE	0 - 18m HQ 18 - 104.5 NQ (triple tube). All core is NQ hole was reamed out to H size to take casing.
DATE DRILLED	12.1.81 - 19.1.81
SIGNIFICANT CORE LOSS ZONES	2.7m loss 5.5 - 15.9m 1.4m loss 22.6 - 27.7m 0.9m loss 67.5 - 68.8m
ORE ZONE GROUND CONDITIONS	
LOGGED BY	P. ROBERTS

SURVEY Depth (m)	SURVEY Bearing (A.M.G.)	SURVEY Dip	From - To	Distance D	VERTICAL D Sin Dip	VERTICAL R L	HORIZONTAL D Cos D	HORIZONTAL Prog T ot
COLLAR	-	- 90°	0.0 - 25.0	25.0	25.0	400.3	0.0	0.0
50.0	359°	-88.5°	25.0 - 76.0	51.0	51.0	349.3	1.3	1.3
102.0	350°	-88°	76.0 - 104.5	28.5	28.5	320.8	1.0	2.3

COMMENTS

This hole was designed to test 'Geason's Lode' down-dip from the intersection in FED 10. Exposure of this lode in Geason's trench suggests that the mineralization dips very shallowly south-east, consequently the hole was oriented vertically. The alteration/mineralization at 62.0 - 75.0m was therefore unexpectedly deep. Assuming that this mineralization can be correlated with that in FED 10, this result indicates that either the lode is tabular, dips moderately (i.e. ~50°) south-east and thins down-dip or that both FED 10 and FED 14 intersected the edges of a steeply plunging pipe-like? body.

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				B.C.A.
	62.0	75.0	13.0	0.04	<0.01	0.04	<0.1	0.1	<0.01	<0.01	0.004	0.03	3				
	including:																
	68.0	69.0	1.0	0.16	<0.01	0.05	<0.1	0.7	<0.01	<0.01	0.012	0.04	10				

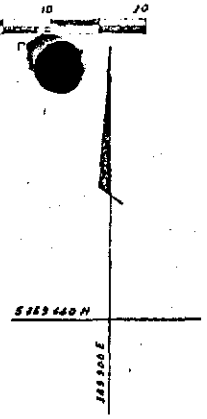
NWPS 27344

HOLE No. FED. 14 SCALE - 0 10 20

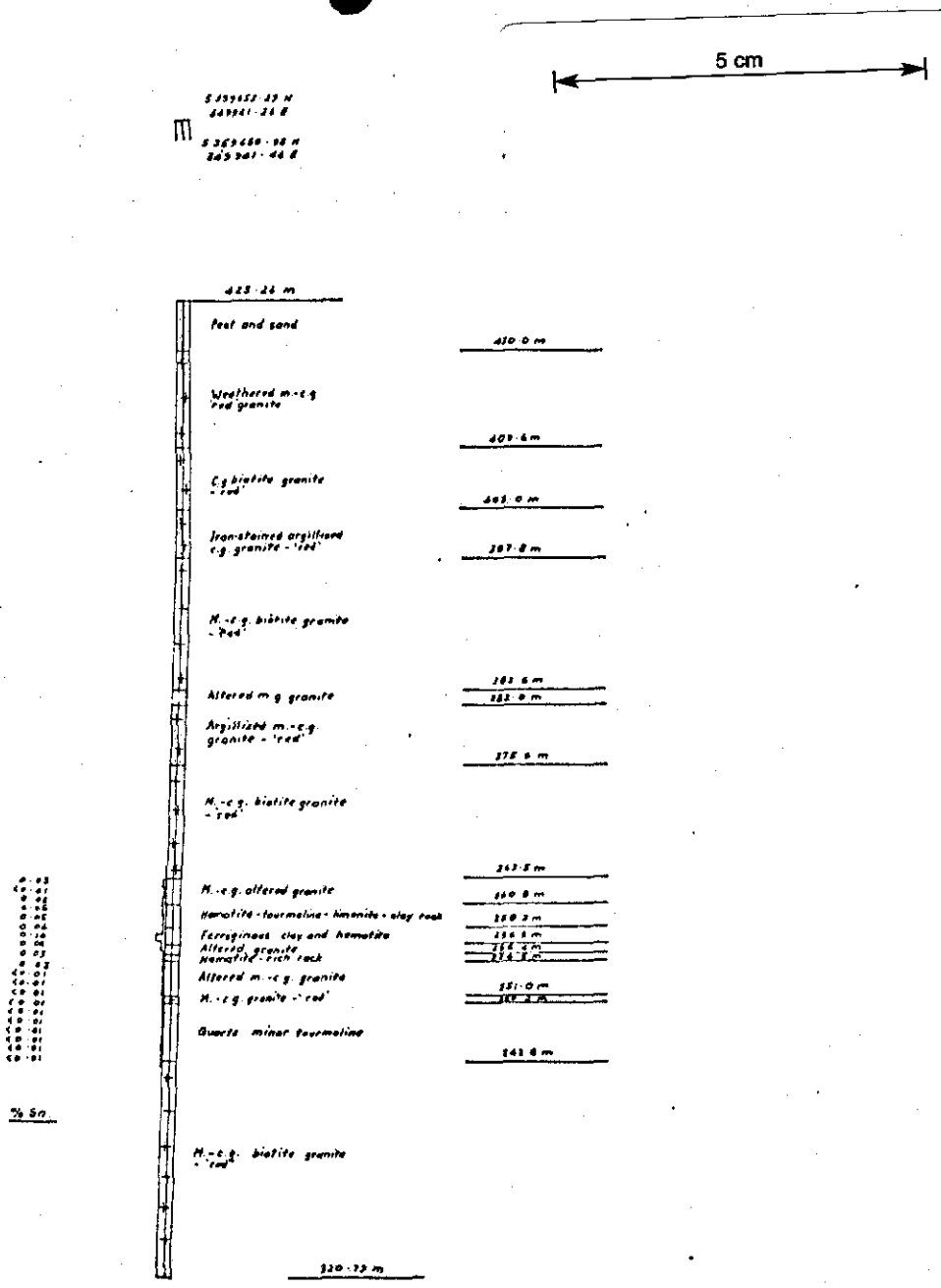
DIAMOND DRILL HOLE PLOT

061

PLAN



DIP PROFILE



062

DIAMOND DRILL RECORD

HOLE NUMBER: FE[illegible]

LOGGED BY: P.R.

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
0.0	5.5	0	0	PEAT AND SAND No core recovered.													
5.5	15.9	7.7	74	WEATHERED GRANITE White, medium to coarse grained. Approximately 60% weathered/ argillized feldspars - white, yellow, green-yellow - 35% grey quartz minor chlorite (after biotite), black tourmaline in few clots and one nodule (5cm diameter), trace muscovite, trace pyrite along joints, fractures. One thin (5cm wide) slightly pyritic grey greisen vein at 10.1m (VCA 70°). Broken along few joints parallel to c.a. (i.e. vertical), clay-coated. 2.7m core loss - highly weathered sections where granite converted to granitic sand. Becoming less weathered with depth.												
15.9	22.6	6.7	100	BIOTITE GRANITE Pale pink-grey, pale yellow-brown, coarse grained. Similar to above but feldspars pink, white to pale yellow, yellow-brown (ferruginous), variably but weakly argillized. Minor black biotite where granite fresher, elsewhere converted to chlorite, includes one 10cm grey-green greisen vein - quartz, muscovite, sericite with black tourmaline-rich centre - VCA ~70°. Competent core - rare iron-stained joints, JCA 60-70°.												
22.6	27.7	3.7	73	IRON-STAINED ARGILLIZED GRANITE Yellow-brown, coarse grained. Broken. Varies from soft and incompetent to moderately hard. Broken along clay- and goethite-coated joints parallel to c.a., also rare joints at 60-70° to c.a. Argillization and iron-staining probably reflect weathering downwards along vertical joints.												
27.7	42.0	14.3	100	BIOTITE GRANITE Pink-grey, yellow-grey, medium to coarse grained. Similar to 15.9-22.6m. Broken along few joints near parallel to c.a., 10-20° to c.a. (clay-coated) and 50-80° to c.a. Includes one grey greisen vein - quartz, muscovite, tourmaline - 6cm thick, VCA ~80°.												
42.0	43.5	1.5	100	ALTERED GRANITE Pale, grey, green-grey, medium grained. Comprises bands of pale grey, pyritic, siliceous greisen (with little or no muscovite) with softer bands of green-grey sericitized, argillized or greisenized (with muscovite) granite. Contact angles are 70-80° to c.a. Badly broken (particularly siliceous greisen) along joints near parallel to c.a.												

RENISON LIMITED

DIAMOND DRILL RECORD

HOLE NUMBER FD14

LOGGED BY P.R.

063

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	% WO3
43.5	50.0	6.1	94	ARGILLIZED GRANITE Pale yellow to white, medium to coarse grained. Feldspars and biotite largely converted to clays or (minor) sericite. Includes several siliceous veinlets near parallel to c.a. with minor black tourmaline. Brown ferruginous stained 43.7 - 44.9m, 48.4 - 49.0m. Becoming increasingly badly broken downwards along clay-coated joints parallel to c.a., 10-20° to c.a. and less frequently 40-70° to c.a.													
50.0	62.1	12.1	100	BIOTITE GRANITE Pale pink-grey, pale yellow-grey, medium to coarse grained. Feldspars pink, white or pale yellow-green (weakly argillized and/or sericitized), minor biotite or chlorite (after biotite). Includes bands of grey siliceous greisen from 55.6m downwards. Core competent, joints rare. 55.6 - 55.7 Greisen with central tourmaline veinlet (VCA 85°). 56.7 - 57.5 Grey, green-grey, siliceous greisen: quartz, minor sericite, muscovite, tourmaline in quartz-rich bands, very minor pyrite. Band contacts at 40-60° to c.a. 58.9 - 60.3 Siliceous greisen similar to above. Broken along few joints (JCA 0-35°). CONTACT ~20° to c.a.													
62.1	65.0	2.9	100	ALTERED GRANITE Grey, green-grey, pale green-yellow, medium to coarse grained. Comprises quartz-tourmaline alteration of granite crossing core at shallow angles (5-30° to c.a.) haloed by variably sericitized granite. Broken along few rough joints. CONTACT irregular ~30° to c.a.		62.0 	63.0 64.0 65.0	0.03 <0.01 0.02	<0.01 <0.01 <0.01	0.04 0.03 0.03	<0.1 <0.1 <0.1	<0.1 <0.1 <0.1	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	0.003 0.002 0.003	7 <1 1	0.02 0.02 0.02
65.0	67.5	2.5	100	HEMATITE-TOURMALINE-LIMONITE-CLAY ROCK Mauve-black and brown, comprising grey and red-brown (ochreous) hematite, limonite, limonitic clay, black tourmaline; patchily micaceous, very minor, patchy, coarsely crystalline pyrite. Vuggy where clay and powdery limonite washed out during drilling. Few joints, 10-40° JCA. Note core loss between core blocks at 66.8 - 68.1m assumed to be in ferruginous clay - below.		65.0 	66.0 67.0 68.0	0.05 0.05 0.04	<0.01 <0.01 0.01	0.04 0.04 0.03	<0.1 <0.1 <0.1	<0.1 <0.1 0.9	<0.01 0.01 <0.01	<0.01 <0.01 <0.01	0.006 0.006 0.006	2 7 2	0.02 0.03 0.04
67.5	68.8	0.4	31	FERRUGINOUS CLAY Red-brown, extremely soft, hematitic, with abundant finely		68.0	69.0	0.16	<0.01	0.05	<0.1	0.7	<0.01	<0.01	0.012	10	0.04

DIAMOND DRILL RECORD

HOLE NUMBER FED14

LOGGED BY F.R.

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	FROM	TO	% Sn TOTAL	% Sn ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn	% Bi.	g/t Ag	% WO3
				disseminated pyrite and tourmaline. Lower 10cm of recovered core is broken and includes pieces of harder hematite. 90cm core loss.													
68.8	69.1	0.3	100	MASSIVE HEMATITE													
				Mauve-grey, featureless, minor black tourmaline.													
69.1	70.3	1.2	100	SERICITIZED GRANITE		69.0	70.0	0.06	<0.01	0.03	<0.1	<0.1	<0.01	<0.01	0.004	2	0.05
				Pale green, yellow-brown, comprising quartz, sericite, disseminated black tourmaline, trace fine pyrite. Partly intensely ferruginized (yellow-brown) - ferruginization overprints sericitic alteration(?).													
70.3	71.0	0.6	86	HEMATITE-RICH ROCK		70.0	71.0	0.03	<0.01	0.04	<0.1	<0.1	<0.01	0.01	0.006	2	0.03
				Mauve-grey, brown, lesser amounts of limonite and black tourmaline. Lower 10cm yellow-brown and ferruginous similar to ferruginous zones 69.1 - 70.3m. Badly broken.													
71.0	74.7	3.7	100	ALTERED GRANITE		71.0	72.0	0.03	<0.01	0.03	<0.1	<0.1	<0.01	0.01	0.002	1	0.02
				Grey-green and pale-grey, medium to coarse grained, comprising			73.0	<0.01	"	"	"	"	"	<0.01	0.003	1	0.03
				sericitized and/or chloritized(?) feldspars, pale grey quartz, minor			74.0	"	"	"	"	"	"	"	0.002	<1	0.02
				patchy disseminated tourmaline, trace pyrite. Broken along few			75.0	"	"	0.04	"	"	"	"	"	<1	0.02
				irregular joints.													
				71.0 - 71.1 Fine grained, contacts 50° to c.a., sharp.													
				71.9 - 72.0) Fine grained, gradational contacts.													
				72.6 - 72.9).													
				73.45 - 73.6 Irregular vein of black tourmaline enveloped by fine grained, brown ferruginous material, 2-4cm thick, VCA ~5°.													
				73.5 - 73.9 Pale grey quartz, minor disseminated black tourmaline. Gradational contacts at ~30° to c.a.													
				74.4 - 74.5 Pale grey quartz, minor disseminated black tourmaline. Upper contact ~70° to c.a.													
74.7	75.4	0.7	100	GRANITE													
				Pinkish yellow, medium to coarse grained. Feldspars pink or green-yellow, minor chlorite (after biotite). Gradational upper and lower contacts. Competent core.													

065

DIAMOND DRILL RECORD

HOLE NUMBER : FFD14

LOGGED BY : F.R.

NWPB

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	% WO3
75.4	81.6	6.2	100	QUARTZ MINOR TOURMALINE		75.0	76.0	<0.01	<0.01	0.03	<0.1	<0.1	<0.01	<0.01	0.001	1	0.08
				Quartz grey or pink stained (minor); tourmaline black and disseminated			77.0	<0.01	"	"	"	"	"	"	"	< 1	0.02
				or infrequently in vein form. Derived from coarse grained granite(?			78.0	"	"	"	"	"	"	"	"	< 1	0.02
				Bordered by green-grey greisen comprising quartz, sericite, muscovite,			79.0	"	"	"	"	"	"	"	"	1	0.03
				5-10cm. thick. Upper contact ~20° to c.a., lower contact near			80.0	"	"	0.04	"	"	"	"	"	< 1	0.03
				parallel to c.a. Broken along rough joints mostly 0-10° JCA.			81.0	"	"	0.03	"	"	"	"	<0.001	< 1	0.03
							82.0	"	"	"	"	"	"	"	0.001	1	0.05
81.6	104.5	22.9	100	BIOTITE GRANITE													
				Pink-grey, yellow-grey medium to coarse grained. Feldspars pink,													
				yellow (weakly argillized) to pale green (weakly sericitized), minor													
				black biotite or chlorite after biotite. Few greisen zones - quartz,													
				sericite, muscovite minor black tourmaline - controlled by joints,													
				fractures at ~70° to c.a. particularly at 82.2 - 82.3m, 87.0 - 87.4m													
				(with minor pyrite). Core mostly competent down to 93.1m, more broken													
				(and yellowish, weakly argillized) below that point. Breaks mostly													
				parallel to c.a. and clay-coated.													
				END OF HOLE 104.5m.													

91906?