RIMSON LIMITED - DRILL CORE RECORD

042

HOLE NUMBER	FED 10	SURVEY Depth	SURVEY Bearing	SURVEY Dip	From – To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
PURPOSE	To test the Cross Lode (West Federation) at the approximate level of the "red/white" granite contact		Magnetic							
		0		-63°	0-28	28	24.948	401.485	12.712	12.712
		55	226°	-65°	28-76	48	43.502	357.983	20.285	32.997
LOCATION	Grid: 284 W, 349N	97	226°	-65.5°	76-118	42	38.216	319.767	17.415	50.412
		139	228°	-66°	118-139	21	19.184	300.583	8.541	58.953
COLLAR R.L.	426.433									
CO-ORDINATES	5359689.690 N 349912.591 E									
LENGTH	139.0m.									
HOLE SIZE	H.Q 0-45.0m H.Q 45-0-139.0m									
DATE DRILLED	20.1.80 to 25.1.80									
SIGNIFICANT CORE LOSS ZONES	1.6m loss at 8.0-11.0m, 13.25m loss at 16.5-35.0m, 1.1m loss at 47.0-50m									
ORE ZONE GROUND CONDITIONS										
LOGGED BY	P. Roberts									
COMMENTS	Cross lode was assumed to dip vertically; instead it apparently dips shallowly to the east. Large core losses in zones of massive black tourmaline mineralization. Driller reported a cavity at 23.9-29.0m filled with "silt" - this is possibly an old mine working but is some distance away from any of the old workings shown on Mines Department plans; alternatively it may be a large open joint. Any further drilling in the area should use triple tube to increase recovery in the prospective zone (the cross lode). Note: core loss zones may have contained higher grade Sn mineralisation.									

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.
	5.0	42.4	37.4	0.16	<0.01	0.02	0.1	0.2	0.01	0.20	0.005	0.06	4				
	including:-																
	14.0	15.0	1.0	1.91	<0.01	0.03	0.1	0.3	0.03	0.18	0.003	0.06	6				
	18.0	19.0	1.0	1.74	<0.01	0.02	0.1	0.1	0.01	0.01	0.008	0.07	3				
	29.0	37.0	8.0	0.08	<0.01	0.03	0.1	0.6	0.05	0.62	0.007	0.09	10				

NMPS 27344

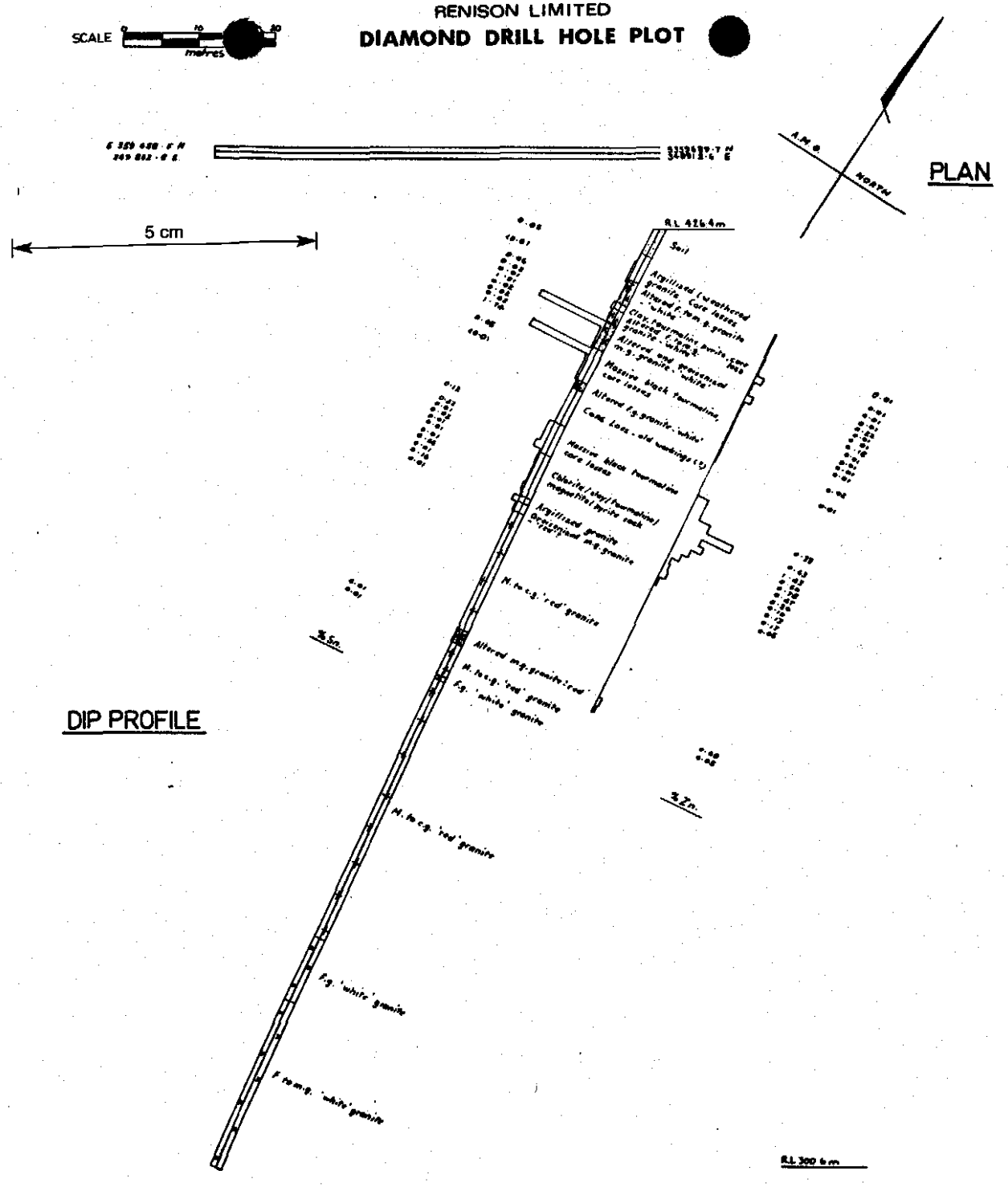
059043

HOLE No FED 10

SCALE 0 10 20 metres

RENISON LIMITED

DIAMOND DRILL HOLE PLOT



043
0590044

044

DIAMOND DRILL RECORD

HOLE NUMBER : FED 10

LOGGED BY : P. Roberts

mwe

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	5.0	0.10	2	0.0-5.0 soil and clay, with some argillized granite 4.0-5.0m.													
5.0	8.0	0.50	17	5.0-7.5 Core loss-probably completely argillized and degraded granite (5cm. recovered)		5.0	8.0	0.05	0.01	0.02	<0.1	<0.1	<0.01	0.01	0.004	5	0.04
				7.5-7.9 Quartz/tourmaline "vein", Lower contact 30° to c.a. Core very broken													
8.0	11.0	1.40	47	7.9-11.0 White altered fine to medium grained granite. Feldspars replaced by pale greenish yellow clays. Some silicification-feldspars pseudomorphed by silica resulting in flat "cleavage" planes being preserved. Occasional quartz/tourmaline nodules. Core very badly broken. 1.6m core loss.	"white"	8.0	9.0	<0.01	0.01	0.01	<0.1	<0.1	<0.01	0.01	0.004	3	0.04
						9.0	10.0	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.01	0.007	1	0.04
						10.0	11.0	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.01	0.007	1	0.04
11.0	14.0	2.20	73	11.0-11.9 0.8m core loss-probably very soft clay/tourmaline/pyrite pyrite (10cm recovered). Tourmaline very fine grained (0.5mm), pyrite forming crystalline clots up to 1 cm. in diameter	?	11.0	12.0	0.06	<0.01	0.04	<0.1	0.2	<0.01	0.22	0.004	10	0.05
				11.9-14.0 Pale greenish-grey altered fine to medium grained granite. Feldspars replaced by pale green and yellow-green clay. With minor mica 11.9-12.3m. "Vein" of quartz/tourmaline 12.3-12.45, contacts 45° to c.a. Minor pyrite 12.45-12.60. Some silicification (as at 7.9-11.0m)	"white"	12.0	13.0	0.02	0.01	0.04	<0.1	<0.1	<0.01	0.01	0.004	3	0.05
						13.0	14.0	0.01	0.01	0.02	<0.1	<0.1	<0.01	0.01	0.003	1	0.04
14.0	16.5	2.10	84	14.0-14.4 Greisen "vein" comprising a core of black tourmaline with lesser quartz enclosed by a quartz/topaz (tourmaline) "envelope" 5cm. thick on the upper-side & 15 cm. thick on the lower side. Lower contact 40° to c.a. Broken core.	?	14.0	15.0	1.91	<0.01	0.03	<0.1	0.3	0.03	0.18	0.003	6	0.06
16.5	19.5	1.50	50	14.4-17.8 Mixed zone (?) consisting of altered medium grained granite and greisen. Medium grained granite comprises feldspar either white and kaolinized (K-spar?) or converted to pinite/chlorite (plag.?) and unaltered quartz. The greisen consists of quartz, topaz (?), sericite and fine grained pyrite, minor chlorite and tourmaline. Few thin (1-2mm) (and one thicker 5cm). quartz-tourmaline veins Greisen appears to have a finer grained relict texture-possibly intrusive into medium grained granite. Broken core.	"white"	15.0	16.0	0.02	<0.01	0.02	<0.1	<0.1	<0.01	0.01	0.003	1	0.04
						16.0	17.0	0.02	<0.01	0.02	<0.1	<0.1	<0.01	0.01	0.006	1	0.05
						17.0	18.0	0.02	<0.01	0.02	<0.1	<0.1	<0.01	0.01	0.003	2	0.04
				Thin section 14.6m													
19.5	22.7	1.0	31	17.8-22.7m Massive black tourmaline consisting of a mass of small (2-4mm long) tourmaline needles. Porous. Minor crystalline quartz. Minor red-brown and mauve-brown hematitic clay (?). Including 3.6m. core loss.	?	18.0	19.0	1.74	<0.01	0.02	<0.1	<0.1	<0.01	0.01	0.008	3	0.07
						19.0	22.7	0.05	<0.01	0.02	<0.1	0.3	<0.01	0.02	0.007	1	0.05
				Thin section 18.1m													

059045

DIAMOND DRILL RECORD

HOLE NUMBER : FED 10

LOGGED BY : P. Roberts.

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
22.7	23.9	0.45	38	22.7-23.9 Pale grey green altered fine grained granite. Feldspars altered to pale green clays (sericite?). Veined by pale green clays, mica approx. parallel to c.a. 0.75m core loss.	"white"	22.7	23.9	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.01	0.004	1	0.05
23.9	29.0	0	-	CORE LOSS - old workings ?													
29.0	32.0	0.5	17	29.0-33.6 Massive black tourmaline as at 17.8-22.7m, minor clay,	?	29.0	32.0	0.12	<0.01	0.03	<0.1	0.1	<0.01	0.33	0.008	11	0.07
32.0	35.0	1.8	60	secondary quartz and hematite. With topaz (?) and isolated small		32.0	33.0	0.22	0.01	0.02	<0.1	0.3	0.07	0.67	0.007	9	0.13
				steel blue crystals (chalcocite?) 29.05-29.20m. 3.7m. core loss		33.0	34.0	0.01	<0.01	0.02	<0.1	0.6	0.07	1.43	0.006	5	0.10
				Thin section 29.1 m.													
				33.6-35.0 Fine to medium grained aggregate of pale yellow-green and green chlorite/clay, black tourmaline, hematite, magnetite and minor pink kaolinised feldspar and pyrite. Becoming coarse grained 34.9-35.0m	"white"	34.0	35.0	0.02	0.01	0.03	<0.1	0.4	0.05	0.60	0.007	8	0.10
35.0	38.0	3.0	100	35.0-38.0 As above but with chlorite/clay matrix predominating, minor hematite/magnetite	"white"	35.0	36.0	0.01	<0.01	0.04	<0.1	2.5	0.11	0.78	0.006	13	0.09
				-35.0-35.5 Coarse grained with abundant sulfides minor red-brown ferruginous clay. Sulfides in irregular veins.													
				-35.5-38.0 fine grained with minor quartz and sulfides. Tourmaline and feldspar content increasing downwards		36.0	37.0	0.01	<0.01	0.02	<0.1	0.5	0.09	0.47	0.006	12	0.09
						37.0	38.0	0.01	0.01	0.04	<0.1	0.4	0.03	0.30	0.003	5	0.08
				Thin section 35.1 m.													
38.0	41.0	2.5	83	38.0-39.5 Medium grained aggregate of tourmaline, magnetite, chlorite kaolinized feldspars, clays, quartz, and minor hematite.	"red"?	38.0	39.0	0.06	<0.01	0.02	<0.1	<0.1	<0.01	0.10	0.003	2	0.08
				39.5-40.1 Same as 35.5-38.0m	?	39.0	40.0	0.01	<0.01	0.03	<0.1	0.2	<0.01	0.13	0.003	2	0.10
				40.1-40.9 Very soft yellow argillized granite-degraded to soft clay and quartz. Minor tourmaline.	"red"?	40.0	41.0	0.16	<0.01	0.02	<0.1	0.1	0.03	0.17	0.003	2	0.06
41.0	44.0	2.8	93	40.9-42.4 Hard medium grained greisenized granite comprising quartz, topaz(?) and hard green-yellow interstitial material	"red"?	41.0	42.4	0.01	<0.01	0.02	<0.01	0.02	<0.01	0.05	0.001	3	0.05
				Interspersed with soft argillized granite as above and very soft tourmaline/clay. Pyritic 42.2-42.3m. Gradational lower contact.													
				Thin section 41.3 m.													

045

059046

046

DIAMOND DRILL RECORD

HOLE NUMBER : FED 10

LOGGED BY : P. Roberts

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
44.0	45.0	2.0	100	42.4-59.9 Medium to coarse grained yellow-grey and pink-grey	"red"												
45.0	47.0	2.0	100	biotite granite. Quartz grey, feldspars pink, stained yellow (K-spar													
47.0	50.0	1.9	63	or altered to grey-green chlorite (plag.?). Few clots of tourmaline													
50.0	53.0	3.0	100	and tourmaline/quartz decreasing in number downwards													
53.0	56.0	3.0	100	Includes disseminated pyrite in altered granite 47.0-47.1m.													
56.0	59.0	3.0	100	5-10% brown-black biotite. Becoming yellow and argillized. 58.7-													
				59.9m													
59.0	62.0	3.0	100	59.9-61.7 Pale grey-green medium grained greisenized granite	"red"	59.9	60.9	0.01	<0.01	0.04	0.1	0.7	0.01	0.08	0.009	2	0.05
				Feldspars converted to chlorite, sericite and lesser pinite. Silicified		60.9	61.7	0.01	<0.01	0.01	0.01	0.01	0.01	0.05	0.003	2	0.05
				Disseminated pyrite. Minor black tourmaline													
62.0	65.0	3.0	100	61.7-105.4 Medium to coarse grained pale grey and pink-grey	"red"												
65.0	68.0	3.0	100	granite. Feldspars pink or pale green, occas. partly altered to													
68.0	71.0	3.0	100	yellow clay or dark green-grey chlorite. Yellow clay coating some													
71.0	74.0	3.0	100	joints. Rare clots of quartz/tourmaline. Includes:-													
74.0	77.0	3.0	100	66.5-67.2 Fine grained granite dyke. Sharp irregular													
77.0	80.0	3.0	100	intrusive upper contact, Lower contact v. difficult to see-slight													
80.0	83.0	3.0	100	micropegmatitic development													
83.0	86.0	3.0	100														
86.0	89.0	3.0	100	Sharp contact													
89.0	92.0	3.0	100														
92.0	95.0	3.0	100	105.4-115.0 Fine grained white biotite granite. Quartz grey,	"white"												
95.0	98.0	3.0	100	feldspars white or altered pale yellow, abundant brown-black biotite													
98.0	101.0	3.0	100	Grain size 0.5-1mm. Biotite plates preferentially oriented approx.													
101.0	104.0	3.0	100	normal to c.a. within 15cm. of contact. Some micropegmatitic													
104.0	107.0	3.0	100	development within 30cms. of contact. Yellow clay coating some joints.													
107.0	110.0	3.0	100	Very gradational lower "contact"													
110.0	113.0	3.0	100														
113.0	115.5	2.5	100	115.0-139.0 Fine to medium grained pale grey biotite granite	"white"												
115.5	118.0	2.5	100	Quartz grey, feldspars white, pale green or slightly altered to pale													
118.0	121.1	3.1	100	yellow. Abundant biotite characteristically as rel. wide, thin													
121.1	122.0	0.9	100	plates cf more equidimensional biotite in coarser grained													
122.0	125.0	3.0	100	granites. Minor tourmaline generally in quartz/tourmaline clots													
125.0	128.0	3.0	100	and "veins". Few grey quartz/?topaz "veins" Strongly argillized													
128.0	131.0	3.0	100	115.8-116.2m. Some partial recrystallization (?) forming a mixed fine													
128.0	131.0	3.0	100	and medium grained texture. Abundant tourmaline/quartz nodules 1-3													
134.0	137.0	3.0	100	cm. in diameter in slightly argillized pale yellow-grey medium grained													
137.0	139.0	3.0	100	granite 128.0-139.0m.													
				End of Hole 139.0 m.													

059047