RENISON LIMITED - DRILL CORE RECORD

HOLE NUMBER	8947 A
PURPOSE	To test Grand Prise Fault and mineralised Conglomerate of S764
LOCATION	8947 (extended)
COLLAR R.L.	2428.52
CO-ORDINATES	14191.6 13387.4
LENGTH	649.5m (total depth)
HOLE SIZE	reamed HQ to 334.0m HQ 334.0 - 597.0m BQ 597.0 - 849.5m
DATE DRILLED	7.4.82 - 2.6.82
SIGNIFICANT CORE LOSS ZONES	see log
ORE ZONE GROUND CONDITIONS	Grand Prise Fault: locally vughy and clayey (core loss 461.4 - 463.5m due to core tube mislatch)
LOGGED BY	L.D. BOND

SURVEY Depth	Bearing	Dip	From - To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
Collar	117°44'31"	-76°46'27"						
15.0m	121°	-76.75°						
69.0m	118°	-78.5°						
114.0m	111°	-79.5°						
146.0m	111°	-81°						
172.0m §	107°	-80.25°						
228.0m	103°	-81°						
260.0m	101°	-81°						
283.0m	096°	-81.5°						
329.0m §	085°	-81.25°						
343.0m	081°	-80°						
400.0m	074°	-81°						
466.0m	069°	-80.5°						
514.0m	073.5°	-80.75°						
545.0m	068°	-81.25°						
583.0m	068°	-80.75°						
631.0m	055°	-78.25°						

§ Survey in rods: bearing estimated.

COMMENTS

Drilled by A.D.D.; re-entered S947; reamed HQ- 334.0m: ran off S947 at 334.0m. This hole was the first to intersect primary, unaltered sulphides within the Grand Prise fault zone. These sulphides consist of two apparent phases: an initial arsenopyrite-chalcopyrite ± pyrite phase, and a later pyrite-carbonate ±sphalerite ± galena phase. Base metal-carbonate veins, veinlets and fracture coatings occur throughout. Intersected the hangingwall of the Red Lead Conglomerate at 574.2m; the conglomerate is virtually devoid of tin mineralisation. A ?rhyolite dyke occurs on the contact of the Serpentine Hill complex which is at 629.1m.

Note unusual tourmaline rock 534.1 - 534.8m containing significant tin and copper.

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.
Vein	364.5	369.5	5.0	< 0.01	<0.01	0.03	< 0.1	1.4	0.05	2.42	0.002	< 0.01	3				
Vein	441.0	442.7	1.7	< 0.01	<0.01	0.02	< 0.1	0.5	0.09	0.63	0.005	< 0.01	2				
Grand Prise Fault	452.2	466.8	14.6	0.28	0.01	0.35	2.3	4.3	0.04	0.28	0.016	< 0.01	5				
including:	452.2	456.2	4.4	0.82	0.01	0.80	3.8	6.8	0.07	0.41	0.035	0.01	12				
Tourmaline Rock	534.1	534.8	0.7	0.47	0.02	0.77	<0.1	2.5	0.79	2.38	0.004	0.01	26				
Red Lead Congl.	574.2	627.7	53.5	0.01	<0.01	0.02	< 0.1	< 0.1	< 0.01	0.02	0.002	< 0.01	1				70°

NWPS 27344

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LDB

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
334.0	364.5	30.5	100	INTERBEDDED SILTSTONE and TUFFACEOUS? SANDSTONE Light grey, very fine grained siltstone (60%) interbedded with dark brown (when fresh) fine to medium grained tuffaceous sandstone (40%) Individual beds are, generally 2cm thick, but occasionally the tuffaceous sandstone occurs in units up to 70cm thick with a few fine silty laminae. The sandstone has a tendency to be altered (?leached, bleached, and clayey) and such portions pit and wash out readily. The rocks are moderately to very broken (increasingly broken with depth) but recovery remains good throughout. Minor fine stringers and veinlets of leached ?carbonate occur sporadically, again increasing in abundance with depth. B.C.A. is consistently 40°- 50°.	Hodge slate.												
364.5	366.0	0.9	60	LEACHED CARBONATE VEIN Clayey cream-coloured leached carbonate vein contain fragments of sheared and leached siltstone, with stringers and veins of fine to medium grained crystalline sphalerite, and trace to minor galena and pyrite.	VN/P	364.5	365.5	<0.01	<0.01	0.02	<0.1	0.5	0.04	1.26	0.001	2	<0.01
							367.5	<0.01	<0.01	0.01	<0.1	0.3	0.01	0.60	0.002	2	<0.01
							368.5	<0.01	<0.01	0.03	<0.1	0.4	0.02	0.89	0.001	2	<0.01
							369.5	<0.01	0.01	0.04	<0.01	4.5	0.13	6.94	0.004	5	<0.01
366.0	369.4	3.0	88	EXTREMELY BROKEN ROCKS, WITH LEACHED VEINS Extremely broken interbedded siltstone and ?tuffaceous sandstone, with clayey friable cream coloured carbonate - rock fragment ± sphalerite and pyrite veins. Minor puggy grey bands and fragments. Trend of veins 20° near base.	Hodge Slate												
369.4	389.7	20.1	99	BROKEN ?TUFFACEOUS SANDSTONE (75%) and SILTSTONE (25%) Fine to medium grained massive and weakly bedded dark brown-grey tuffaceous sandstone, interbedded with light grey to yellowish -grey fine grained siltstone, which decreases in abundance towards the end of the hole. Rocks are broken to extremely broken throughout, minor grey pug zones occur, sporadically. Leached, clayey carbonate-rock fragment ± trace sphalerite veins up to 20cm thick occur between 369.4 and 377.0m; carbonate-filled ?shear occurs between 384.5 and 385.5m, is very broken, clayey and leached. Rocks appear slightly altered near base. B.C.A. 40°- 50°.	Hodge Slate												

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LDB

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
389.7	393.0	3.1	94	ZONE OF BRECCIATION AND VEINING Intensely brecciated sandstone and siltstone, infilled and veined by carbonate which is leached and clayey. No apparent sulphides. Rock fragments appear locally chloritised ? and sheared. Ground is moderately to extremely broken, with several clayey and gravelly patches. Lower contact sharp, irregular 40° to C.A. upper contact not recovered.	P?												
393.0	403.6	10.6	100	INTERBEDDED SANDSTONE AND SILTSTONE Fine to medium grained dark brown-grey ?tuffaceous sandstone (80%) and interbedded fine grained siltstone (20%) which decreases in abundance towards the end of the unit. The sandstone appears poorly bedded, but locally alteration has enhanced the bedding textures. In areas where siltstone is finely interbedded, the sandstone has a tendency to leach preferentially and the siltstone appears weakly bleached. Ground is extremely broken 401.8 - 403.2m but recovery appears good. Sparse argillised veins and veinlets occur sporadically. B.C.A. 40° - 50°. Diffuse base.	Hodgo Slate?												
403.6	414.0	10.4	100	INTERBEDDED ?TUFFACEOUS SANDSTONE, AND GRIT with minor SILTSTONE Fine to coarse grained (becoming coarser with depth) dark brown-grey poorly to moderately well bedded ?tuffaceous sandstone (80%) interbedded with a grading into grey to crimson-grey quartzose grit near base of unit (15%), with minor interbeds of fine grained dark brown-grey to yellow-grey siltstone (5%). Sandstone contains minor light coloured (bleached ?) bands 2cm thick, which may have been originally calcareous. Ground is moderately broken throughout with minor very broken patches. Sparse leached and argillised carbonate-quartz veins, containing traces of pyrite. Grits near base of unit are severely leached and argillised. B.C.A. 40° - 50°												
414.0	414.7	0.6	86	LEACHED CARBONATE - AXINITE VEIN Grey to cream pitted carbonate axinite vein containing fragments of partially to thoroughly altered green. (actinolised ?/chloritised?) rock near both and lower contacts. Rare fine pyrite crystals. Contacts not well recovered.	VN												

DIAMOND DRILL RECORD

HOLE NUMBER : S947 A

LOGGED BY : LDB

mvre

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
414.7	421.3	6.6	100	TUFFACEOUS? SANDSTONE, GRIT and minor CONGLOMERATE Dark brown-grey massive and poorly bedded fine to coarse grained ?tuffaceous sandstone (60%) containing sparse siltstone laminae, interbedded with and grading into brown grey quartzose grit (35%) with minor fine to medium quartzose conglomerate bands (5%) near the base of the unit. Sandstone locally contains ?calcareous (now bleached and leached) bands. Leached quartz-axinite-carbonate vein containing sparse sphalerite and pyrite between 418.6 and 418.8m. Rocks are moderately to slightly broken, become less broken towards base. B.C.A. = 40°- 50°													
421.3	433.5	11.2	92	CONGLOMERATE Matrix poor, fine to medium grained poorly sorted conglomerate, containing angular to subrounded quartz, quartzite, chert, ?phlogopitised ?tuff fragments, and rare leached actinolitised, fragments. Carbonate, and rarely actinolite veins occur sporadically throughout, and often are associated with fracturing of the rock along planes parallel to the veins. In such zones, the pebbles appear elongated, and as such these zones may represent shears. Traces of pyrite on joints. Minor broken (leached cement ?) ground and core loss between 427.7 and 428.6m (recovery ~ 15%): broken and leached 432.3 - 432.6m.													
433.5	441.0	7.5	100	SILTSTONE, SANDSTONE, GRIT AND CONGLOMERATE Interbedded, yellowish grey-brown fine to very fine grained siltstone interbedded with or grading into fine to coarse sandstone, which progressively coarsens to grit then fine conglomerate with increasing hole depth. The abundance of siltstone decreases sharply beyond 434.7m. Minor dark green clayey (?chloritised) siltstone bands (4cm thick) at 433.5 and 434.6m. Ground is broken within 1m of contacts, and grit-conglomerate is leached and friable.													

023

72702A

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LDB

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
441.0	442.7	1.2	71	VEIN	VN	441.0	442.0	<0.01	<0.01	0.01	<0.1	0.6	0.14	0.53	0.005	2	<0.01
				Leached buff carbonate - ?axinite vein, containing sparse sphalerite and traces of galena near the upper contact, and chloritised rock fragments increasing in abundance from 442.1m. Ground is broken throughout, and clayey near base.			442.7	<0.01	<0.01	0.04	<0.1	0.4	0.01	0.78	0.004	2	<0.01
441.7	445.5	3.8	100	CONGLOMERATE, minor GRIT													
				Fine to coarse grained, poorly sorted angular to subangular, matrix -poor to matrix-rich conglomerate interbedded with minor fine to medium grained leached clayey grit.													
				Ground is broken to very broken throughout, with numerous leached clayey carbonate veins and veinlets, and lesser actinolite stringers.													
				Fragments in conglomerate are predominantly pale grey and white chert and quartzite, with lesser black and dark grey chert and cherty siltstone, and very sparse leached or clayey (volcanic ?) rock fragments. Ground very leached and broken at base.													
445.5	448.2	0.8	30	VEIN	VN												
				Leached, locally broken and clayey buff carbonate and axinite vein, with chloritised rock fragments and rock flour, which has degraded to a green-grey pug. High core loss at base. No apparent sulphides.													
448.2	451.5	2.4	73	GRIT AND CONGLOMERATE													
				Leached, clayey medium grained grit (with high core loss) grading into coarse to very coarse poorly sorted angular to sub-angular quartz conglomerate containing minor siltstone and altered (?argillised, leached) rock fragments. Matrix/cement is locally chloritised, and in these areas the conglomerate is extremely broken and core loss is high.													
				Driller notes that water was lost at 451.7m. Basal contact appears planar, about 45° to core axis.													

DIAMOND DRILL RECORD

HOLE NUMBER : S 947 A

LOGGED BY : LDB

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.
451.5	466.8	13.5	74	SILTSTONE, GRIT, SULPHIDE	GPF
				Interbedded fine grained quartzose grit and fine grained yellow-brown siltstone in units from 2-15cm thick, locally strongly brecciated and contorted.	
				Sulphides occur throughout, generally as thin stringers and veins but are massive between 452.2and 453.0m. Sulphides appear to be of two phases an initial arsenopyrite-chalcopyrite-fine grained pyrite association in veins, and an overprinting fine grained pyrite-$^{\pm}$ carbonate $^{\pm}$ sphalerite and galena in veins, and very fine pyrite disseminations in the adjacent rocks. and infilling fine fractures.	
				In areas of abundant arsenopyrite mineralisation, the adjacent and include rock appears strongly chloritised. High core loss 461.4-463.5m. (core tube mislatched; 0.3m (14% recovered).	
				Lower contact zone sulphide-rich (pyrite, minor arsenopyrite) and slightly leached aid pitted, cheared and locally brecciated diffuse basal contact.	
466.8	504.5	30.3	80	BROKEN, SHEARED AND LEACHED SILTSTONE	Hodge Slate
				Interbedded fine grained laminated and finely bedded black, grey and grey-brown siltstone, with sparse fine to medium grained sandy interbeds. Rocks are extremely to very broken throughout, and core loss as high in sheared and clayey (altered) zone. Breccia zones occur at 469.5 - 472.5m, and around 484.5m. In both zones the rock consists of angular siltstone fragments in a carbonate - mylonite groundmass, with sulphides (galena-sphalerite) common towards the lowermost contact. (Recovery in both zones is very poor).	
				Fine sphalerite-galena veinlets occur throughout, and sphalerite galena and pyrite occur as encrustations and smears on joints and fractures. The abundance of these veinlets decreases with depth and carbonate veinlets and stringers appear instead. B.C.A. where evident is about 90°, but locally decreases to 60°.	

% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
452.2	453.6	1.61	0.03	2.20	10.0	12.9	0.20	0.90	0.080	30	<0.01
	454.6	0.01	0.01	0.16	1.3	5.3	0.02	0.33	0.003	4	0.01
	455.6	0.07	<0.01	0.17	0.3	2.2	0.01	0.13	0.007	3	0.01
	456.6	1.28	<0.01	0.13	1.1	4.4	0.01	0.08	0.037	2	0.01
	457.6	0.10	<0.01	0.13	1.4	3.2	<0.01	0.06	0.005	2	<0.01
	458.6	0.02	<0.01	0.03	0.1	0.7	<0.01	0.05	0.002	1	<0.01
	459.4	<0.01	0.01	0.79	16.4	8.8	<0.01	0.09	0.042	10	<0.01
	460.4	0.01	<0.01	0.02	0.1	0.4	<0.01	0.11	0.003	1	<0.01
	461.4	<0.01	<0.01	0.09	2.1	1.3	<0.01	0.43	0.004	1	<0.01
	464.4	<0.01	<0.01	0.04	0.1	1.0	0.07	0.29	0.003	1	<0.01
	465.4	<0.01	<0.01	0.01	0.1	0.1	0.01	0.26	0.004	3	0.01
	466.2	0.27	0.01	0.51	0.2	12.3	0.01	0.37	0.010	6	0.01
	466.8	0.14	0.02	0.32	0.4	12.7	0.01	0.26	0.013	5	0.01

025

127026

DIAMOND DRILL RECORD

HOLE NUMBER : 8947A

LOGGED BY : LDB

026

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.
504.5	574.2	69.7		SILTSTONE Fine grained laminated light grey and dark grey soft siltstone. Broken patches occur sporadically but core recovery is generally good. The siltstone is locally a pale green grey and appears chloritised. Minor coarse gritty to conglomerate beds occur sporadically, and have fine grained (syngenetic)? pyrite associated (510.5m - 511.4m). Sparse veinlets and joint-encrusting sphalerite, galena and pyrite occur occasionally, but less frequently with increasing depth. B.C.A. 90 - 50 - 90. Carbonate veins and veinlets, containing trace to minor pyrite, and rare galena and sphalerite, conversely become more common with depth to 562m, then are rare. Broken ground between 518.8 and 527.4m includes some grey to white clay bands, and includes a carbonate-pyrite-galena-sphalerite breccia at 520.0m: similarly the zone between 531.7 and 539.5m is broken to very broken, with sparse clay bands, and a carbonate-galena-pyrite-sphalerite breccia at 534.6m. The rocks between 534.1 and 534.8m are an unusual, apparently fine grained, crystalline (?) tourmaline(?) rock containing disseminations and blebs of chalcopyrite and minor pyrite, and patches of irregular "veins" of actinolite (now weathered) with sparse chalcopyrite. Single veins of fibrous and massive partly leached actinolite occur at 544.7m. (3cm thick, 10 to core axis) and at 561.3m (1cm thick, 75 to c.a.). The latter vein occurs at the top of a 5cm fine ?breccia/grit band which is pervasively actinolised and contains accumulations of fine sphalerite ?. The base of this band is fine brecciated/sheared, with minor actinolite. Actinolite stringers and veins become common between 571.9m and the base of the unit. Lower contact is sharp, but irregular. B.C.A. decreases from 90° down to 70° towards the base of the unit.	Hodgs Slate
574.2	627.7	53.3	100	CONGLOMERATE Medium to very coarse grained conglomerate, containing angular to well-rounded clasts from 1cm to 4cm across of basalt, chert quartzite and siltstone in a sandy siltstone matrix. The proportion of matrix to clasts is extremely variable, ranging from 1:10 to 10:1	Red Lead Congl.

FROM	TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
534.1	534.8	0.47	0.02	0.77	< 0.01	2.5	0.79	2.38	0.004	26	0.01
574.2	575.2	< 0.01	0.01	0.02	<0.1	<0.1	<0.01	0.02	0.004	1	<0.01
	576.2	0.18	0.01	0.03	<0.1	<0.1	0.01	0.01	0.004	1	0.01
	577.2	0.06	0.01	0.02	<0.1	<0.1	0.01	0.02	0.003	1	<0.01
	578.3	0.01	0.01	0.02	<0.1	<0.1	0.01	0.02	0.003	< 1	<0.01
	579.2	0.03	0.01	0.03	<0.1	0.2	<0.01	0.02	0.002	< 1	0.01
	580.2	0.01	0.01	0.04	<0.1	<0.1	0.01	0.02	0.002	1	<0.01
	581.2	< 0.01	0.01	0.02	<0.1	<0.1	<0.01	0.02	0.002	1	0.01

7/20/71

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LDB

MAPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.
				The conglomerate is variably altered, with patches of green actinolite ± sparse axinite ± black chlorite occurring throughout, and extending over up to 1m of core. Patches of brown-grey to light grey leaching occur sporadically.	
				Veins and stringers of white carbonate occur throughout, and aggregates and veinlets of fibrous actinolite occur sporadically near the top of the unit. Traces of pyrrhotite as blebs occur towards the lower contact.	
				Between 610.5 and 612.0m is a sheared carbonate-filled breccia zone Abundant actinolite-chlorite (black) alteration occurs between 625.3 and 626.4m, and portions of this give up to 0.2 % Sn values on the tin analyser.	
				Very broken and leached ground between 581.7 and 585.1m, but core recovery is good. Sharp irregular base, trending 90° to C.A. No distinct BCA, but alignment of clasts in places suggests BCA decreases from 70° to 20° at 618m, then very variable.	
627.7	629.1	1.4	100	RHYOLITE ? Pale pinkish grey and volcanic with locally dintinct ? flow bands indicated by pale green-grey alteration bands. Fine disseminations of black ?chlorite occur throughout, Upper contact appears weakly brecciated, and is infilled by green-chlorite. The rhyolite ? here is white. Traces of pyrite and pyrrhotite occur between upper contact and 627.9m. Lower contact is sharp and sub-planar, trending 70°.	
629.1	649.5	20.4	100	ULTRABASIC Black to very dark green medium grained ultrabasic with wisps and patches of light green serpentine minerals. Sparse carbonate veins throughout, but more common near upper contact. Sparse clayey patches.	U/B
				END OF HOLE at 649.5m.	

FROM	TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
581.2	582.2	<0.01	<0.01	0.06	<0.1	<0.1	<0.01	0.02	<0.001	1	0.01
	583.2	<0.01	<0.01	0.03	<0.1	<0.1	<0.01	0.02	0.001	1	0.01
	584.2	<0.01	<0.01	0.03	<0.1	<0.1	<0.01	0.02	0.001	2	<0.01
	585.2	<0.01	<0.01	0.05	<0.1	<0.1	0.01	0.02	<0.001	2	<0.01
	586.2	<0.01	<0.01	0.04	<0.1	<0.1	0.01	0.02	0.002	2	<0.01
	587.2	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.02	0.001	1	<0.01
	588.2	<0.01	<0.01	0.05	<0.1	<0.1	0.01	0.02	0.002	2	<0.01
	589.2	<0.01	<0.01	0.02	<0.1	<0.1	0.01	0.03	0.001	1	<0.01
	590.2	0.11	<0.01	0.01	<0.1	<0.1	<0.01	0.03	0.002	1	0.01
	591.2	0.05	<0.01	0.01	<0.1	<0.1	0.01	0.02	0.002	1	0.01
	592.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.001	1	0.01
	593.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.001	2	0.01
	594.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.002	1	0.01
	595.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01	0.001	2	0.01
	596.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.03	<0.001	2	0.01
	597.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.01	0.002	1	0.01
	598.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.002	2	<0.01
	599.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.002	2	<0.01
	600.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.003	2	0.01
	601.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.03	0.001	1	0.01
	602.2	<0.01	0.01	0.01	<0.1	<0.1	<0.01	0.03	0.002	1	<0.01
	603.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.03	0.001	2	<0.01
	604.2	<0.01	<0.01	<0.01	<0.1	<0.1	<0.01	0.03	0.002	1	<0.01
	605.2	<0.01	<0.01	<0.01	<0.1	<0.1	<0.01	0.03	0.002	< 1	<0.01
	606.2	<0.01	0.01	0.01	<0.1	<0.1	<0.01	0.03	0.004	1	0.01
	607.2	<0.01	<0.01	<0.01	<0.1	<0.1	<0.01	0.02	0.003	< 1	<0.01
	608.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.002	< 1	0.01
	609.2	<0.01	<0.01	<0.01	<0.1	<0.1	<0.01	0.02	0.003	< 1	<0.01
	610.2	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.02	0.004	1	<0.01
	611.2	<0.01	0.01	<0.01	<0.1	<0.1	<0.01	0.02	0.005	5	<0.01
	612.2	<0.01	0.01	<0.01	<0.1	<0.1	<0.01	0.03	0.003	3	<0.01
	613.2	<0.01	0.01	<0.01	<0.1	<0.1	<0.01	0.02	0.002	3	0.01
	614.2	<0.01	<0.01	<0.01	<0.1	<0.1	<0.01	0.02	<0.001	2	<0.01
	615.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.001	1	0.01
	616.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	<0.001	2	<0.01
	617.2	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.001	1	<0.01
	618.2	<0.01	<0.01	0.03	<0.1	<0.1	0.01	0.02	0.003	< 1	0.01
	619.2	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.02	0.003	< 1	0.01
	620.2	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.02	0.002	< 1	0.01
	621.2	<0.01	<0.01	0.04	<0.1	<0.1	0.01	0.02	0.004	1	0.01
	622.2	<0.01	<0.01	0.03	<0.1	<0.1	0.01	0.02	0.002	< 1	0.01
	623.2	<0.01	<0.01	0.02	<0.1	<0.1	0.01	0.02	0.002	< 1	0.01
	624.2	<0.01	<0.01	0.04	<0.1	<0.1	<0.01	0.02	0.003	< 1	0.01

027

72402

DIAMOND DRILL RECORD

HOLE NUMBER : S947 A

LOGGED BY : LDB

NWPB

	INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.			% Sn.										
	FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
							624.2	625.2	<0.01	<0.01	0.03	<0.1	<0.1	0.01	0.02	0.003	1	<0.01
								626.2	0.06	<0.01	0.04	<0.1	<0.1	0.01	0.02	0.002	<1	0.01
								627.7	0.02	<0.01	0.03	<0.1	<0.1	<0.01	0.02	0.002	1	<0.01
								629.1	<0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.02	0.002	1	<0.01

RENISON LIMITED

SCALE :

DIAMOND DRILL HOLE PLOT

HOLE No. :

Sample No	Classification - Composition	Fabric	Accessories	Comments
S 947A 453.3 (T.S. 42974)	Sulphide-Cassiterite Rock. Arsenopyrite and pyrite with conspicuous chalcopyrite, cassiterite, minor pyritised pyrrhotite; patchy chlorite aggregates, minor carbonate.	Medium-grained sulphides with interstitial granular semi- to massive cassiterite aggregates. Mildly microfractured.	Disseminated fine sub-to euhedral quartz.	Cassiterite evenly sized (25-100 μ mean, mode 50-60μ) in massive aggregates to 2mm, crude bands and relatively minor disseminations in chlorite aggregates.
455.3	Chlorite-Quartz Rock. Fine chlorite with subordinate closely intergrown quartz, disseminated magnetite, pyritised pyrrhotite, schorl, minor carbonate. Irregular veins quartz, pyritised pyrrhotite, siderite.	Crudely banded, vague relict silty clastic. Contorted (sheared) veins/veinlets.	Thinly disseminated cassiterite. Corroded relics of talc, pale phlogopite.	"Phlogopitised" and retrogressively chloritised, veined, restressed labile siltstone. Cassiterite as cloudy 10-100μ, mean 35μ particles in chlorite aggregates.
457.0	Chlorite Quartz-Arsenopyrite Rock. Mg-chlorite with single crystals, clusters of quartz, conspicuous arsenopyrite, patchy siderite and pyritised pyrrhotite, disseminated schorl, late pyrite films.	Banded, medium-grained quartz, arsenopyrite, interspersed with fine chlorite. Mildly stressed.	Traces chalcopyrite; thinly disseminated variably metamict monazite.	Affinities with 455.3 m, but lacking metasomatic features and interpreted as a contemporaneous vein or segregation. No detectable cassiterite.
534.4	Schorl Rock. Green-brown schorl with relatively minor intergrown quartz, minor interstitial chlorite. In contact with montmorillonitic, degraded actinolite rock with disseminated schorl, minor quartz.	Medium-grained, weakly directed schorl rock. Medium-grained felted actinolite rock.	Disseminated extremely fine magnetite, leucoxenic semi-opaques. Late chalcopyrite films (actinolite rock).	Affinities with the S 764 schorl rocks, but lacking diagnostic metasomatic features. The contact is gradational. No detectable cassiterite.
574.9	Metasomatised Conglomerate. Variously diopside-axinite-, actinolite- and prehnite-pseudomorphed clasts similarly altered sandy matrix. Late veins, impregnations calcite, prehnite.	Poorly sorted, sand-supported, conglomeratic, variously obscured by metasomatic replacement.	Minor traces detrital chromite. Relict leucoxenic Fe-Ti opaques in clasts.	Close affinities with the S764 altered conglomerates. Initial diopside-actinolite-axinite assemblage overprinted by prehnite, calcite. Clasts include (altered) basics, greywacke.
578.7	Actinolitised Conglomerate. Thoroughly actinolitised clasts of basalt, microgabbro and labile turbiditic psammopelitic sediment. Similarly altered labile silty fine sandy matrix.	Weakly sheared/directed, poorly sorted gritty conglomerate.	Relict leucoxenic opaques, leucoxenic Timagnetite in basic and turbidite clasts. Minor talc aggregates.	Relatively simply altered conglomerate with recognisable basic igneous and basic-intermediate derived sediment clast components.
601.5	Metasomatised Conglomerate. Aggregates of green-brown schorl + tremolite-actinolite representing metasomatised clasts. Tremolite-actinolite matrix and irregular veins. Disseminated sphene.	Poorly sorted, conglomeratic, confused by tremolite-actinolite-healed brecciation/veining.	Traces quartz. Rare detrital chromite. Sporadic late calcite veinlets. Relict opaques.	Affinities with the 534.4m assemblage. Fabric confused by brecciation, although rock is clearly a metasomatised conglomerate. Clasts preferentially tourmalinised.
628.6	Dolomite-Tremolite Rock. Dolomite and closely intergrown tremolite with conspicuous disseminations of chromite.	Medium-grained dolomite, weakly orientated subacicular tremolite. Semi-banded chromite (? placers).	Minor traces sulphide.	Problematical rock with finer detail obscured by alteration. Lacks ultramafic features. Conceivably an impure dolomite with detrital chromite.

029

727030