

RENISON LIMITED

MICROFILMED

EL42/71

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D of M	A.O.	C.G.	E.O.	D.S.M.E.
				Registrar
Received	13 SEP 1982			MAIL
Answered				
DEPT. OF MINES				
REF. No. 7428/82				

QUARTERLY REPORT FOR THE 3 MONTHS ENDING 23/8/1982.

INTRODUCTION.

EL42/71 covers an area south and west of Renison's Mining Lease. The western portion is referred to as the Argent Area, and the southern part includes the Grand Prize Mining Leases.

GEOLOGY.

The area is underlain by Lower Cambrian sediments which host the Renison and Razorback tin deposits, and in view of its proximity to both these mines, EL42/71 is considered to have good potential for the discovery of stanniferous hydrothermal deposits.

PREVIOUS WORK.

Parts of the area have been the subject of exploration by various companies over many years. Renison has been conducting continuous exploration programmes since 1971.

For further details on geology and previous work, the reader is referred to the 1980/81 Annual Report for the Argent/Grand Prize Area and the 1981/82 Annual Report for the Grand Prize Area which accompanies this report.

OPEN FILE

1. ARGENT AREA.

WORK COMPLETED IN THE QUARTER ENDING 23/8/1982:

S1008: was collared in the Dunkley Town Area 2 km. north of the Argent Dam in Crimson Creek Formation rocks. The hole was inclined at 68° and designed to intersect the Owen-Meredith Structure to the south west (R.M.G) at RL1700 and Mine Sequence rocks on the footwall side of the fault.

At 505m the hole intersected the Renison Mine Sequence Rocks, after passing through the Crimson Creek tuffs and siltstones. Minor (?) faulting was observed at the base of this unit. No significant mineralisation occurred within the 55m of Mine Sequence Rocks cored. The hole was terminated at 643m within the Dalcoath Member siltstones.

S1026: was collared 550m N.N.W. (R.M.G) of S1008 in the Dunkley Town area and was at 658m and drilling was continuing in Crimson Creek Formation rocks at period end. The hole was inclined at 65° and designed to intersect the Owen Meredith Structure to the west at RL1650m. Mine Sequence Rocks occur on the footwall side of the fault. The hole is expected to intersect the fault at 700m.

Expenditure. \$73,560.

WORK PLANNED FOR THE QUARTER ENDING 23/11/1982:

Following the completion of S1026, no further diamond drilling is proposed for the quarter. Work on EL42/71 will involve data compilation and preparation of the 1981/82 Annual Report.

Budgetted Expenditure \$2,385.

2. GRAND PRIZE.

WORK COMPLETED IN THE QUARTER ENDING 23/8/1982:

S947: was completed at 649.5m. The hole intersected the Grand Prize Fault between 452.2 and 466.2m., and included a massive to semi-massive arsenopyrite-pyrite-pyrrhotite-chalcopyrite mineralised zone between 452.2 and 456.6m., assaying 0.82%Sn, 0.80%Cu, 3.8%As, 6.8%S, 0.41%Zn, 0.035%Bi; the overall intersection bulked at 0.28%Sn, 0.35%Cu, 2.3%As, 4.3%S, 0.25%Zn, 0.016%Bi. Tungsten content was negligible.

A tourmaline rock was intersected between 534.1 and 534.8m., within the Hodge Slate in approximately the same stratigraphic position as skarn-like mineralisation in S764. This rock assayed 0.47%Sn, 0.77%Cu, 2.5%S, 0.79%Pb, 2.38%Zn, and 26 g/E Ag.

The Red Lead Conglomerate was not intersected until 574.2m., indicating the dip of the stratigraphy in this area to be steeper than interpreted from surface mapping. The conglomerate was only weakly altered, and no significant tin or copper assays were returned. The base of the conglomerate was at 629.1m., against serpentinite of the Serpentine Hill Complex. Right on the contact was a 1.4m bed/block of weakly altered, partly recrystallised dolomite.

S969: was collared on the S658 drillsite to test the Grand Prize Fault/Red Lead conglomerate contact at 2150m RL, 150m north of S764. A patch of massive sulphide occurred within a quartz-conglomerate in the upper portion of the Hodge Slate, but contained only negligible tin and base metal content, with minor Cu (average 0.16% over 120m).

The Grand Prize Fault was intersected between 263.9 and 293.1m, a poorly defined puggy, sheared and brecciated zone. Tin mineralisation is patchy, averaging 0.12%Sn, but a zone averaging 0.53% Sn, 0.21%Cu, 0.29%Pb, 0.20%Zn, occurred between 265.9 - 269.9m. Other metal values were negligible.

The Red Lead Conglomerate was intersected at 372.1m; alteration was strong, comparable to S764, but sulphide mineralisation sparse. A vein of massive cassiterite occurred associated with intense alteration and sulphide replacement of a dolomite bed/block between 406.8 and 409.8m, which averaged

5.21%Sn, 0.23%Cu, 7.0%S, 13 g/t Ag. (due largely to 1.4m of 10.93%Sn associated with the cassiterite vein). Localised patches of low grade Sn mineralisation occurred throughout the conglomerate. The base of the conglomerate was at 447.4m., in contact with ultrabasics of the Serpentine Hill complex. Weak copper and tin mineralisation continued for some 11m. into these rocks. The end of the hole was at 502m.

Both holes encountered poor ground conditions: in the case of S947, causing temporary abandonment of the hole.

Expenditure: \$25,968.

WORK PLANNED FOR THE QUARTER ENDING 23/11/1982:

The Annual Report will be completed early in the quarter. Detailed programmes will be finalised following completion of this report, however further diamond drilling is planned, and will commence in October. Additional ground geological, geophysical and geochemical surveys are also planned.

Budgetted Expenditure: \$63,890.

Enclosed:

1. 1:10,000 locality plan, EL42/71, showing current and recently completed diamond drill holes.
2. Drill log and dip profile of drill hole S1008.
3. Drill log and dip profile of drill hole S947.
4. Drill log and dip profile of drill hole S969.

P. R. STEPHENSON.

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 * RENISON LIMITED *
 * DRILL CORE RECORD *
 * HOLE NO. S1008 *
 *

LOCATION : DUNKLEY TOWN AREA.
 PURPOSE : TO TEST, MINE SEQUENCE AND FEDERAL
 COLLAR RL : 2198.13 m.
 NORTHING : 21135.91 m.
 EASTING : 15356.21 m.

LENGTH : 643.40 m.
 DATE COMMENCED : 07/06/82
 DATE COMPLETED : 14/07/82
 LOGGED BY : D. KILPATRICK
 WATER LEVEL :

HOLE SIZE

FROM	TO	SIZE
0.00	114.00	HQ
114.00	367.40	NQ
367.40	643.40	BQ

SIGNIFICANT CORE LOSS ZONES

FROM	TO	% LOSS
0.00	46.50	80
541.20	557.20	19

ORE ZONE GROUND CONDITIONS

ZONE

MECHANICAL STATE

HANGING WALL

728005

S1008 WAS DESIGNED TO INTERSECT THE 'OWEN MEREDITH'-FEDERAL STRUCTURE AT 1700M RL., 800M SE OF THE OWEN-MEREDITH WORKINGS. THE FEDERAL FAULT IS INTERPRETTED TO BE AT THE CONTACT BETWEEN THE CCF AND THE ?RRM, BASE AT 484.9M. THIS UNIT IS UNMINERALISED, BUT SHOWS SHEARING AND DISRUPTION. THE HOLE CORED AN UNUSUAL RED AND GREEN AGGLOMERATIC REDROCK AND A NUMBER OF CARBONATE HORIZONS WITHIN THE RBM BEFORE PASSING INTO DALCOATH MEMBER. CARBONATES ARE UNMINERALISED.

SURVEY DATA

SURVEY DEPTH (M)	BEARING (DEG)	GRID TYPE	DIP (DEG)	DIP TYPE	REMARKS
0.00	241.50	MINE	-68.00		
70.00	237.00	MINE	-68.75		
100.00	260.00	MINE	-68.75		
100.00	238.00	MINE	-68.75		
151.00	239.00	MINE	-68.25		
226.00	243.00	MINE	-68.00		
289.00	248.00	MINE	-67.50		
343.00	246.00	MINE	-68.00		
397.00	246.00	MINE	-67.75		
466.00	248.00	MINE	-67.50		
535.00	250.00	MINE	-67.75		
589.00	251.00	MINE	-67.75		

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FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
	16.50	1.50	9.1	FLUVIO-GLACIALS	FLUVIO- GLACIALS: light grey - dark grey, very coarse grained, conglomeric, pebbly, polymodal, good contact, subrounded, tabular, with gravel pebbles (99%); light grey - dark grey, fine grained, cherty, sericitized, hard, uneven fracture, sandy, banding, fine bedding, sparse pyrite as disseminations, cuttings, sharp irregular base.	FG
	46.50	8.00	26.7	FLUVIO-GLACIALS	FLUVIO- GLACIALS: dark orange brown - yellow, fine to medium grained, oxidised, kaolinized, highly weathered, soft, uneven fracture, silty, massive bedding, brecciated, very broken, sharp irregular base, common joints.	FG?
	133.10	86.60	100.0	LITHIC TUFF	LITHIC TUFF: dark greenish grey, fine to coarse grained, calcareous, conglomeric, hard, uneven fracture, turbiditic, graded bedding, slumping and microfaulting, B.C.A.= 55 degrees, sharp base, minor oblique joints, from 46m to 106m, horizons of medium-coarse grained mottled tuffaceous material, and occasional breccia conglomerate containing black shale and pale grey tuffaceous fragments in fine grained green grey matrix below 106m core is fine-grained with numerous dark grey and black shale horizons B.C.A.=65 des. Common carbonate veins throughout.	CCF
	263.80	130.70	100.0	SILTSTONE	SILTSTONE: dark crimson - reddish brown, fine to medium grained, lithic, siliceous, hard, even fracture, bedded, fine bedding, graded bedding, trace pyrite finely interbedded, B.C.A.= 55 degrees, sharp planar base, minor oblique joints. Bands include - SILTSTONE: dark grey - light grey, fine to medium grained silty, cherty, hard, even fracture, laminated, fine bedding, lamellae, interbedded very fine black siltstone and fine pale grey siliceous siltstone with minor pyrite lamellae. Abundant irregular carbonate veins. SILTSTONE: thickness 0.50 m., base at 188.60 m., light brownish cream - orange brown, fine grained, lithic, cherty, hard, even fracture, laminated, fine bedding, graded bedding, B.C.A.= 52 degrees, gradational base. SILTSTONE: thickness 1.20 m., base at 200.50 m., greenish grey - purplish grey, fine grained, actinolitized, chloritized, moderately soft, slickensided fracture, sheared, disturbed and disrupted bedding, reworked gradational base, abundant oblique joints. SILTSTONE: thickness 1.30 m., base at 213.80 m., light greenish cream - pinkish grey, fine grained, bleached, conglomeric, hard, uneven fracture, brecciated, disturbed and disrupted bedding, fine bedding, gradational base. Veins include - VEIN: thickness 0.40 m., base at 241.80 m., light greenish cream - pink, fine grained, sheared, dolomitic, moderately soft,	CCF

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FLAG DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
				brecciated, disturbed and disrupted beddings, infillings, sharp base, two other dolomite filled shear-veins occur below at 250.6 to 250.9m and 253.8m to 254.1m. Carbonate veins increase in abundance near base of unit.	
266.40	2.60	100.0	SILTSTONE	SILTSTONE: dark greenish grey - greenish cream, fine grained, lithic, ?tuffaceous, hard, uneven fracture, laminated, microfaulting, disturbed and disrupted beddings finely interbedded, B.C.A.= 50 degrees, gradational base.	CCF
271.90	5.50	100.0	SILTSTONE	SILTSTONE: dark crimson - purplish grey, fine grained, lithic, hard, even fracture, turbiditic, irregular beddings, cross beddings medium interbedded B.C.A.= 52 degrees, gradational base, common oblique Joints.	CCF
278.10	6.20	100.0	LITHIC TUFF	LITHIC TUFF: dark grey - greenish grey, fine to medium grained, cherty, silty, hard, uneven fracture, massive, becoming finer towards the end of the unit, B.C.A.= 45 degrees, sharp irregular base, minor oblique Joints. Bands include - SILTSTONE: thickness 1.60 m., base at 278.10 m., dark grey, fine grained, ?tuffaceous, hard, uneven fracture, fine beddings, disturbed and disrupted beddings.	CCF
278.50	0.40	100.0	FAULT	FAULT: dark grey - grey, medium to coarse grained, sheared, calcareous, hard, fragmented beddings, infillings, common calcite infillings breccia, accessory calcite veins, sharp irregular base.	CCF
282.30	3.80	100.0	LITHIC TUFF	LITHIC TUFF: dark grey - purplish grey, fine to medium grained, asglomeratic, hard, uneven fracture, massive, laminae, B.C.A.= 37 degrees sharp planar base.	CCF
335.40	53.10	100.0	SILTSTONE	SILTSTONE: dark greenish grey - grey, fine grained, actinolitized, ?tuffaceous, hard, uneven fracture, banded, disturbed and disrupted beddings, irregular beddings, common carbonate veins, B.C.A.= 40 degrees, sharp planar base, minor oblique Joints. Bands include - ?FAULT: thickness 1.00 m., base at 326.40 m., dark greenish grey - greenish cream, fine to coarse grained, calcareous, moderately soft, fluidal texture, infillings, reworked, intensely fractured at base, dolomitic band occurs between 287.3 to 287.7m.	CCF
340.20	4.80	100.0	LITHIC TUFF	LITHIC TUFF: grey, fine to coarse grained, asglomeratic, calcareous, hard uneven fracture, turbiditic, poorly bedded, becoming finer towards the end of the unit, common calcite in veins and disseminations, accessory dolomite increasing abundance towards end of unit, B.C.A.= 50 degrees, low angle vein at base.	CCF

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FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
	343.40	3.20	100.0	SILTSTONE	SILTSTONE: dark grey - light grey, fine grained, calcareous, hard, uneven fracture, sheared, fine bedding, graded bedding, common calcite in veins and disseminations, B.C.A.= 60 degrees, intensely fractured at base.	CCF
	351.50	9.10	100.0	GABBRO	GABBRO: mottled greenish grey, fine to medium grained, sheared, chloritized, hard, uneven fracture, massive, abundant calcite veins, accessory dolomite decreasing abundance towards end of unit, intensely fractured at base.	GAB?
	478.30	126.80	100.0	SILTSTONE	SILTSTONE: light greenish grey - dark grey, fine to medium grained, lithic, calcareous, hard, uneven fracture, banded, fine bedding, graded bedding, minor calcite veins decreasing abundance towards end of unit, B.C.A.= 58 degrees, unconformable base. Bands include - LITHIC TUFF near top of unit: grey - dark grey, fine to coarse grained, calcareous, hard, uneven fracture, silty, poorly bedded, irregular bedding, minor pyrite finely interbedded lenses, middle of unit is mostly banded pale grey-green fine siltstones moderately broken and leached in places, E.G. 410-412m. Below 430m the core contains more black siltstone interbeds and minor carbonate. Gabbroic bands occurs at 443.4-444.2m and 456.7-458.9m.	CCF
	481.40	3.10	100.0	GABBRO	GABBRO: light greenish grey, fine to medium grained, conglomeric, sheared, hard, uneven fracture, reworked, common calcite veins, sharp irregular base.	GAB?
	484.90	3.50	100.0	SILTSTONE	SILTSTONE: dark grey - greenish grey, fine grained, sheared, hard, uneven fracture, fractured, disturbed and disrupted bedding, contorted bedding, common dolomite, minor calcite veins, sharp irregular base.	FEDF?
	505.60	20.70	100.0	PEBBLE CONGLOMERATE	PEBBLE CONGLOMERATE: green - red, coarse to very coarse grained, cherty, actinolitized, hard, uneven fracture, fluidal texture, poorly bedded, irregular bedding, polymodal, no contact, subrounded, tabular, sharp flaser base, sparse joints parallel to bedding, with chert bands (25%); light pink - brownish grey, fine grained, siliceous, hard, uneven fracture, banded, poorly bedded, fine bedding increasing abundance towards end of unit, B.C.A.= 40 degrees, sparse joints parallel to bedding, with siltstone clasts (55%); dark greenish grey - grey, fine grained, actinolitized, chloritized, moderately soft, uneven fracture, fractured, massive bedding, minor minor sphalerite alteration near contacts, accessory carbonate veinlets, sparse joints, with siltstone cement (20%); light grey - greenish grey, fine to coarse grained, tuffaceous, serpentized, moderately soft, uneven fracture, fluidal texture, infilling, reworked, minor carbonate bands and veins. One nodule	RRM

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FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
					of chalcocite at 488.8m. Dolomite band 0.3m at 503.9m.	
509.40	3.80	100.0		DOLOMITE	DOLOMITE: dark grey - grey, fine grained, non-crystalline, siliceous, moderately soft, uneven fracture, fractured, stylolites, indistinctly bedded, abundant carbonate veinlets, accessory quartz infilling, sharp irregular base, sparse oblique joints.	2
535.60	26.20	100.0		SILTSTONE	SILTSTONE: dark grey - yellowish grey, fine grained, shaley, altered, moderately soft, even fracture, fractured, slumping and microfaulting, coarse bedding, abundant carbonate in bands and veins, B.C.A.= 45 degrees sharp irregular base, common joints parallel to bedding, small fault at 517.1m-carbonate matrix with siltstone breccia. More siliceous yellow-grey horizons decrease in abundance with depth. Brecciated section between 523.8-525.6m has been healed by abundant carbonate infilling. Some coarser buffaceous horizons between 529 and 530 metres.	RBM
538.00	2.40	100.0		CARBONATE	CARBONATE: cream - light grey, fine grained, siliceous, non-crystalline, hard, massive, stylolites, abundant carbonate, minor chalcocite in bands and veins, accessory chlorite bands, sharp irregular base, core includes siltstone component as clasts and bands increasing in abundance towards base.	RB3?
541.20	3.20	100.0		SILTSTONE	SILTSTONE: grey - dark grey, fine grained, quartzose, silty, hard, laminated, fine bedding, cross bedding, minor carbonate veinlets, B.C.A.= 22 degrees, sharp planar base, interlaminated quartzite and chloritized siltstone lamellae.	DMU?
557.20	13.00	81.2		BLACK SHALE	BLACK SHALE: black, fine to coarse grained, sheared, soft, uneven fracture, very broken, brecciated, fragmented bedding, becoming finer towards the end of the unit, abundant quartz, minor carbonate irregularly interbedded, accessory carbonate in bands and veins, B.C.A.= 35 degrees, sharp irregular base, abundant joints parallel to bedding, interbedded quartzose lenses and massive graphite.	DMU?
559.70	2.50	100.0		DOLOMITE	DOLOMITE: light grey, fine to medium grained, non-crystalline, siliceous, hard, even fracture, cherty, massive bedding, stylolites, abundant carbonate veins, sharp irregular base, common joints.	3?
568.40	8.70	100.0		SILTSTONE	SILTSTONE: grey - dark grey, fine to coarse grained, sheared, siliceous, moderately soft, uneven fracture, fractured, fine bedding, microfaulting, abundant carbonate, quartz veins infilling, B.C.A.= 40 degrees, gradational base, common joints, breccia filled carbonate vein between 565.4m and 566.0m. Core has graphitic appearance and is quite broken.	DMU?

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FLAG DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
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643.40	75.00	100.0	SILTSTONE		
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especially at base.

SILTSTONE: grey - dark grey, fine to coarse grained, lithic, moderately soft, uneven fracture, turbiditic, cross bedding, microfaulting, common quartz, carbonate veinlets, B.C.A. = 50 degrees, sparse oblique joints, upper part is finely interlaminated siltstone and fine sandstone often contorted and crossbedded. Middle section is broken and often graphitic with common carbonate rich horizons and carbonate veinings. Lower part has a reworked agglomeratic appearance with siltstone breccia in fluidal graphitic and chloritic matrix.

DM

END OF HOLE at 643.40m.

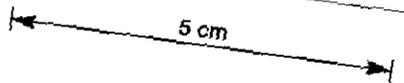
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RENISON LIMITED

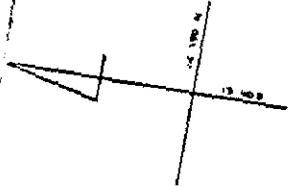
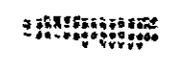
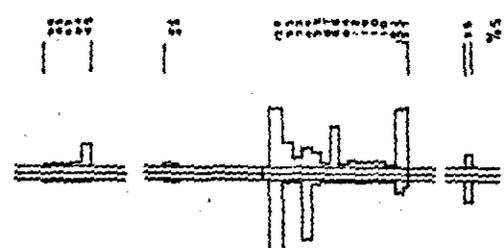
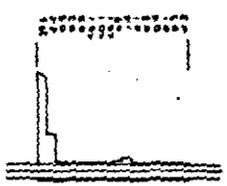
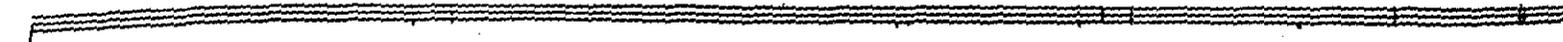
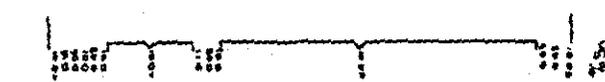
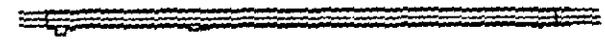
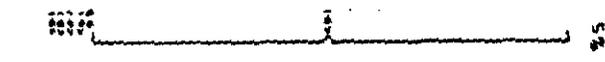
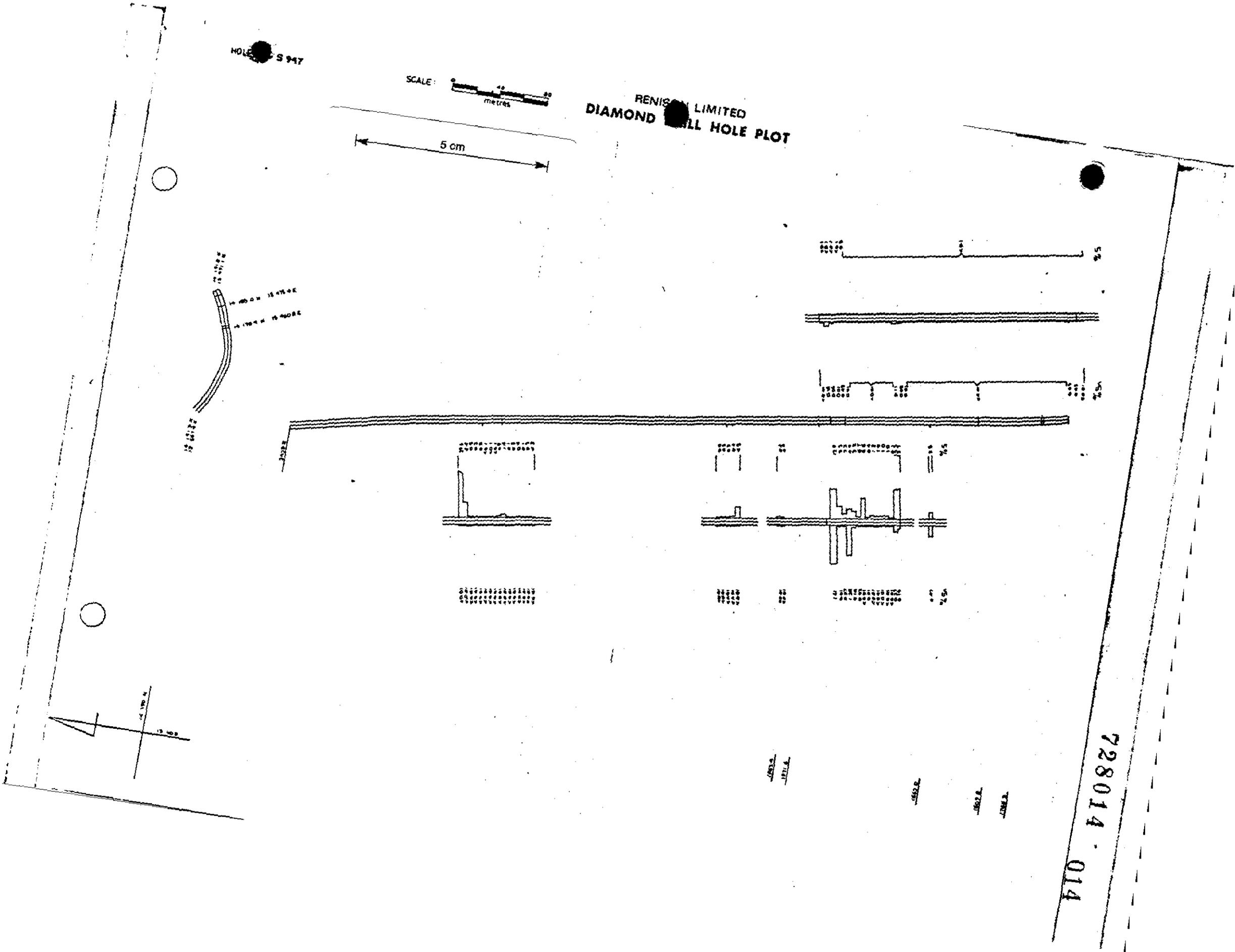
STRAT	FROM (M)	TO (M)	Reserve/ Cutoff	Sn (%)	ANL Sn (%)	SOL Sn (%)	Cu (%)	Pb (%)	Zn (%)	As (G/T)	Bi (%)	As (%)	WO3 (%)	S (%)	Sb (%)
CCF	473.00	474.00			0.03										
CCF		475.00			0.01										
CCF	477.00	478.00			0.01										
GAB?		479.00			0.03										
FEDF?	481.00	482.00			0.05										
FEDF?		483.00			0.03										

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HOLE S 947



RENIS LIMITED
DIAMOND HILL HOLE PLOT



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DIAMOND DRILL RECORD

HOLE NUMBER : 8 947

LOGGED BY : L.D.BOND

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% S _n										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/l Ag
0.0	134.7	131.2	97.4	<p>SILTSTONE + TUFF/SANDSTONE</p> <p>Interbedded fine to medium grained weakly laminated grey, green-grey & purple-grey siltstone and purple-grey to green-grey fine to medium grained medium grained buffaceous lithic sandstone, containing subangular tabular fragments locally with a distinct preferred orientation parallel to bedding; some grading evident.</p> <p>Units are up to 1.5m thick, but average 10-20cm. Minor disrupted bedding.</p> <p>High core loss in first metre or so, thereafter recovery is good except in quartz veins (see below). Rocks are locally clayey & ironstained on bands up to 20cm thick occur sporadically, but decrease in abundance towards the end of the unit.</p> <p>BCA consistently 40°-45°</p> <p>Minor quartz veining occurs at 32m, 85-86m, 100.4m (poorly recovered) and traces of pyrite occur in joints, becoming slightly more common with depth.</p> <p>Ground is particularly broken, & clayey between 85.3 & 86.1m with some shearing? apparent at about 84.2m; approx 40° to CA.</p>	dg											
134.7	139.8	5.1	100	<p>WEAKLY ALTERED SILTSTONES AND GRITTY SANDSTONES</p> <p>Generally purple-grey soft fine grained massive & weakly laminated siltstones interbedded with fine to coarse (gritty) green-grey sandstones, locally graded. Units are up to 20cm thick but average ~5cm. Patches up to 30cm of weak but pervasive alteration (pale greenish grey chloritisation?) occur throughout, but more commonly towards the base of the unit. Such altered zones appear softer and more broken than adjacent rock.</p> <p>Leached dark green chlorite and quartz coat joints, whilst fine grained earthy and specular hematite occur in joints sporadically. Traces of drusy fine grained pyrite "framboids" occur occasionally.</p> <p>BCA = 45°.</p>	dg											
139.8	160.9	17.3	82.0	<p>BROKEN, LEACHED AND ALTERED SILTSTONE & GRITS</p> <p>Light green-grey fine grained locally laminated soft siltstone interbedded with fine to medium grained & gritty green sandstone in units up to 15cm thick. In generally the rock appears chloritised, with greatest intensity near upper & lower contacts; near the upper contact rocks appear fractured to brecciated, with some shearing. Chlorite + hematite coat joints 139.8-144.0m, with some</p>	dg											

728015 015

DIAMOND DRILL RECORD

HOLE NUMBER : 8 947

LOGGED BY : L.D. BOKD

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.												
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL	% Cu	% As	% S	% Pb	% Zn	% Bi	g/t Ag	% WO ₂	
				sheared quartz veins evident. Near bottom contact, the rocks are too broken to detect any tectonic textures. From 155.7m, the rocks are extremely broken (moderately to strongly broken elsewhere) with some clay zones (evidently thoroughly altered siltstone) and core loss is high. (recovery ~ 60%) BCA = 40°.														
160.9	161.8	0.8	89	MASSIVE SULPHIDE Massive fine to medium grained crystalline pyrite, with buff carbonate gangue. Minor to common sphalerite and galena throughout. Several 2cm corroded sphalerite crystals at 161.5m. Rock locally weakly to strongly leached, with broken patches 161.3-161.5m, and 161.6-161.8m. Contacts sharp but irregular, at about 40° to CA.	VEIN/ FAULT	160.9	161.8	<0.01	0.01	0.19	<0.1	89.6	0.90	1.10	0.008	35	<0.01	
								162.8	<0.01	0.01	0.17	<0.1	6.4	0.90	2.70	0.003	9	<0.01
								163.8	<0.01	<0.01	0.01	<0.1	0.5	0.06	0.12	0.005	1	<0.01
								164.8	<0.01	0.01	0.01	<0.1	0.2	0.07	0.21	0.004	1	<0.01
								165.8	<0.01	<0.01	0.01	<0.1	0.2	0.02	1.24	0.003	1	<0.01
								166.8	<0.01	<0.01	<0.01	<0.1	<0.1	0.04	0.21	0.005	1	<0.01
								167.8	<0.01	<0.01	<0.01	<0.1	<0.1	0.03	0.12	0.003	1	<0.01
161.8	176.8	14.7	98	BROKEN, LEACHED, and CLAYEY SILTSTONE and MINOR GRIT Grey to green-grey fine grained to medium grained siltstone interbedded with fine to medium grained tuffaceous(?) sandstone, with minor medium to coarse grained grits. Rocks are pervasively brecciated, locally with a green-grey clay infilling which has resulted in very to extremely broken core. Bleached, leached, and clayey zones up 1.5m appear to occur around quartz veins and contain sparse to minor leached pyrite. Some of these zones appear to be altered (originally calcareous?) grits.	DG			168.8	<0.01	<0.01	0.01	<0.1	<0.1	0.02	0.19	0.004	1	<0.01
								169.8	<0.01	0.01	0.01	<0.1	0.9	0.26	1.74	0.004	3	<0.01
								170.8	<0.01	0.01	0.02	<0.1	1.4	0.17	3.18	0.002	3	<0.01
								171.8	<0.01	0.01	0.01	<0.1	0.1	0.10	0.40	0.001	2	<0.01
								172.8	<0.01	0.01	0.01	<0.1	0.3	0.04	0.24	0.002	2	<0.01
								173.8	<0.01	0.01	0.01	<0.1	0.4	0.14	0.73	0.002	2	<0.01
								174.8	<0.01	0.01	<0.01	<0.1	0.1	0.15	0.43	0.004	2	<0.01
								175.8	<0.01	0.01	0.01	<0.1	0.3	0.09	0.36	0.004	2	<0.01
								176.8	<0.01	0.01	0.01	<0.1	0.3	0.04	0.82	0.003	2	<0.01
176.8	192.5	15.6	99	SILTSTONE & SANDSTONE Fine grained to medium grained green-grey siltstone interbedded with fine to coarse grained sandstone in graded beds which tend to become coarser towards the end of the unit. Patches of broken and/or clayey rock occur sporadically but become less common towards the end of the unit. Sparse leached carbonate veins. Minor medium grit beds near top and bottom of unit appear similar in composition to the following unit. Base of unit is gradational. BCA 40°.	DG													
192.5	208.3	15.8	100	GRITTY SANDSTONE, CONGLOMERATE and MINOR SILTSTONE Interbedded and intergrading medium to coarse and gritty sandstone & fine to medium grained conglomerate containing angular to subangular quartz, quartzite, chert, siltstone & volcanics, with minor coarse "soft pebbles" of siltstone (up to 2cm long) in a sand/silt matrix, and all interbedded with minor medium to coarse (sandy) green-grey	DG													

728016 016

DIAMOND DRILL RECORD

HOLE NUMBER : B 947

LOGGED BY : L.D. BORD

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM	% Sn.														
	FROM	TO			m	%	FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃	
298.8	299.0	0.1	50	GOSSAN/BRECCIA	VEIN?														
				Essentially massive goethite infilling a clayey siltstone-breccia. Minor aggregates of relict pyrite. Contacts not recovered.															
299.0	367.1	64.1	94.1	BROKEN to EXTREMELY BROKEN SILTSTONE	HODGE SLATE														
				Similar rock to 279.9-298.8m, but "coarse grained" silty interbeds are dark red brown (phlogopitised?) and clayey apparently washing out during drilling. This fact plus extreme jointing has produced very broken ground; from 320.3-322.6m, the ground is extremely broken and clayey-gravelly, with high core loss (~5cm:2.2% recovered). Between 323m and 324.5m ground is similarly gravelly and clayey with minor pyrite grains throughout, with only 0.7m (47%) recovered. Between 353 and 367.1m, the only material recovered is small small sections of core (~2cm long), & redrilled rubble, with a total of 3.2m (23%) recovered. Base is very poorly recovered, & is estimated only. BCA 40° throughout.															
367.1	375.4	0.3	3.6	LEACHED BRECCIA/VEIN	VEIN?														
				Small (~1cm) fragments of siltstone in a white clay/minor quartz sludge. Probably a thoroughly leached carbonate-filled breccia. No trace of sulphide, no iron staining.															
375.4	390.5	4.2	28	BROKEN SILTSTONE & TUFF?	DG														
				Moderately to extremely broken dark brown massive & weakly laminated siltstone, interbedded with thin (~4cm) beds of spotted (altered?) tuff. Minor leached & clayey bands. Hole was cemented at 390.5 back to ~365m; the new hole ran off the cement at ~370m, & the core recovered from 370-376.5m is much more competent; with 3.2m recovered (49%). Hole encountered similarly broken ground to previous between 376.5 & 389m, forcing the eventual abandoning of the hole. BCA in "redrilled" section = 40°-50°.															
				END OF HOLE at 390.5m															

728018 018

RENISON LIMITED - DRILL CORE RECORD

HOLE NUMBER	8969	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total
PURPOSE	Test Grand Prize Fault and Red Lead Conglomerate.	Collar	095° 41' 53"	-53° 26' 53"						
		64m	101°	-56°						
		126m	097°	-57.25°						
LOCATION	5658 drill site.	183m	094°	-58.5°						
		211m	104°	-58.5°						
COLLAR R.L.	2394.44	289m	088°	-61°						
		352m	081°	-61.75°						
CO-ORDINATES	14415.45N 13417.83E	403m	075°	-61.75°						
		487m	068°	-61.5°						
LENGTH	502.0m.									
MOLE SIZE	0.0 - 3.0m HW - 290.0m HQ - 502.0m HQ									
DATE DRILLED	9.6.82 - 2.7.82									
SIGNIFICANT CORE LOSS ZONES	See log.									
ORE ZONE GROUND CONDITIONS	Grand Prize Fault Zone: clayey broken leached. H/W oxidised, clayey broken. Red Lead congl: firm, unbroken.									
LOGGED BY	L.D. Bond									
COMMENTS	Intersected sulphide (pyrite-pyrrothite & arsenopyrite) mineralisation 118.8 - 130.8m. in conglomerate (? part of Hodge Slate); this conglomerate is very similar to that containing the sulphide mineralisation and logged as the Grand Prize fault in S947A. Grand Prize Fault logged as 263.9 - 293.1m; sheared, brecciated, puggy and broken ground, with minor sulphides. Red Lead Conglomerate hangingwall intersected at 372.1m, it was anticipated at 300m indicating significant faulting and/or dip fluctuations between this hole and 5764. Conglomerate is strongly silted (actinolite-axinite) near top, becoming less silted with depth. Note carbonate bed (allochthonous block ?) between 406.8 and 409.8m with significant sulphide mineralisation. Intersected Melba Spillite at 447.4m.									

SUMMARY - ASSAY DATA

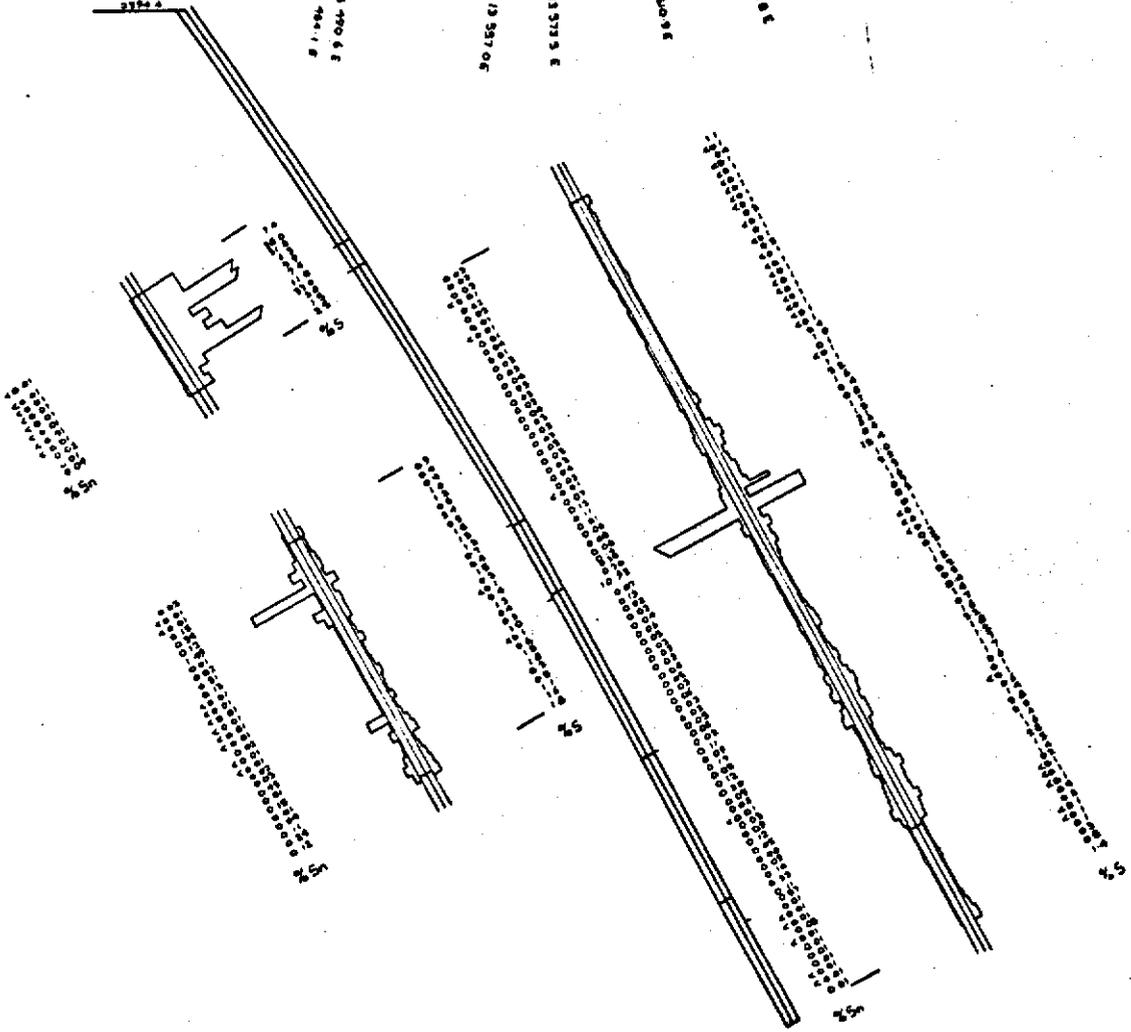
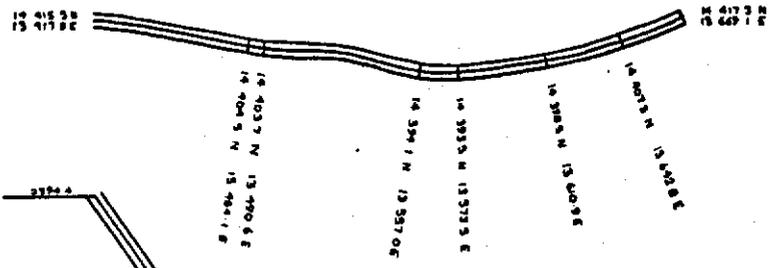
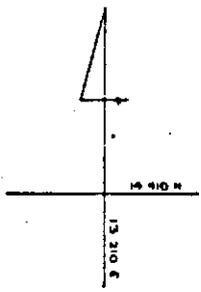
LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t	
Fault?	118.8	130.8	12.0	0.01	0.01	0.15	0.4	11.9	0.01	0.02	0.007	0.01	3	
Grand Prize Fault	263.9	291.3	29.2	0.12	0.01	0.06	0.1	0.9	0.06	0.08	0.005	< 0.01	2	
incl.	265.9	269.9	4.0	0.53	0.04	0.21	0.2	1.3	0.29	0.20	0.014	0.02	5	
Red Lead Congl.	372.1	447.4	75.3	0.26	0.02	0.04	< 0.1	1.0	< 0.01	0.02	0.004	< 0.01	2	
incl.	406.8	409.8	3.0	5.21	0.06	0.23	< 0.1	7.0	0.04	0.10	0.012	0.03	13	55
	372.1	406.8	34.7	0.04	0.02	0.05	< 0.1	0.4	< 0.01	0.02	0.003	< 0.01	2	
	409.8	447.4	36.7	0.07	0.01	0.02	< 0.1	1.1	< 0.01	0.01	0.004	< 0.01	2	

HOLE No. 9 969

SCALE:  metres

REN N LIMITED DIAMOND DRILL HOLE PLOT

5 cm



270.3
270.2

271.1

271.2

271.3

271.4

271.5

728020 020

DIAMOND DRILL RECORD

HOLE NUMBER : 5969

LOGGED BY : L.D.B.

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₂
0.0	3.0	0.6	20	<u>SURFACE RUBBLE</u> Mud casing to 3.0m poorly recovered, partially weathered light grey siltstone, with a solitary conglomerate fragment.													
3.0	8.0	3.2	64	<u>WEATHERED SILTSTONE</u> Yellow-orange mottled ironstained clayey weathered laminated siltstone. Locally broken, with poor recovery at first, but becoming better with depth. B.C.A. variable: 10' - 30'.													
8.0	15.8	7.7	99	<u>PARTLY WEATHERED SILTSTONE</u> Mottled light grey laminated to weakly bedded fine grained siltstone with yellow-orange to yellow-grey clay weathered broken patches. Minor fine grained pyrite aggregates along bedding, oxidised in weathered portions, leached and friable in less weathered portion. BCA 20' - 30'. Essentially a gradational unit between surficially weathered rock and unweathered rock.													
15.8	58.2	42.4	100	<u>SILTSTONE, minor sandstone and grit.</u> Mid to light grey fine grained siltstone (85%) coarse to finely interbedded with fine to coarse silty sandstone, locally becoming gritty (e.g. 49.0m). The interbeds are locally slumped and contorted and contain fine grained disseminated pyrite and less commonly rounded pyrite framboids and aggregates up to 1cm across. Such pyrite aggregates are locally replaced(?) by pyrrhotite from ~27.0m onwards, and pyrrhotite encrusts some fractures. Rocks are generally only slightly to moderately broken, with good recoveries except around 18m in a clayey band. BCA 30'.													
58.2	65.2	7.0	100	<u>INTERBEDDED SILTSTONE AND GRIT</u> Fine grained gray siltstone with silty sandstone interbeds as previous unit, interbedded with massive poorly sorted grit, fine to coarse grained, becoming conglomeratic in places, in units up to 1m thick. Grit contains angular to subrounded quartz, chert, quartzite and siltstone fragments up to 1cm across and is generally leached, and locally ironstained and clayey. Minor quartz veins, leached and ironstained at top of unit. Sparse pyrite and pyrrhotite on fractures. B.C.A. 30'.													

728021 021

DIAMOND DRILL RECORD

HOLE NUMBER 5969

LOGGED BY L.O.B.

HWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
65.2	94.5	29.3	100	<p><u>SILTSTONE AND SANDSTONE</u></p> <p>Fine grained grey siltstone finely to coarsely interbedded with fine to medium grained silty sandstone which increases in abundance towards the end of the unit.</p> <p>Pyrite and pyrrhotite grains, blebs and aggregates occur within the sandstone, and are more common towards the base of each bed.</p> <p>Minor quartz veining at 71.3m and 94.0m. Sparse arsenopyrite-chlorite veins at 79.4m, and between 91.0 - 93.0m.</p> <p>Slickensided fractures in leached and iron stained rocks at 78.4 - 79.1m, indicate and probable shear zone.</p> <p>Ground is slightly to moderately broken throughout, very broken 90 - 93m, but recovery is good. B.C.A. 30°</p>													
94.5	118.8	22.1	91	<p><u>GRIT-SANDSTONE and CONGLOMERATE</u></p> <p>Medium grained locally gritty massive sandstone, generally becoming coarser grained (with graded bedding) towards end of unit, and becoming sandy grit by 113.5m.</p> <p>Interbedded with fine to medium grained monomictic conglomerate poorly sorted contained angular to subrounded quartz-quartzite and chert clasts up to 8mm, mean ~5mm and sparse subrounded siltstone clasts up to 15mm, mean ~10mm in a minor (5-10%) silty sandstone matrix. Individual conglomerate beds are up to 1m thick, and are generally normally graded.</p> <p>The rocks in this unit are more broken than previous units, with some core loss evident between 98 and 102m.</p> <p>Leached pyrite-arsenopyrite-sphalerite-galenachlorite veins and veinlets occur in a broken zone between 109.6m and 111.5m. B.C.A. 30°</p>													

728022 022

DIAMOND DRILL RECORD

HOLE NUMBER : 5969

LOGGED BY : L.O.B.

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
118.8	130.8	12.0	100	<u>MINERALISED ZONE</u> Medium to coarse grained quartz conglomerate similar to previous, with locally abundant wughy pyrite-pyrrhotite-talc veins and patches which contain minor to very common arsenopyrite from ~126.5m onward. Between 121.0 - 122.8m and 126.6 - 127.2m the sulphides become massive, and locally exhibit a preserved conglomerate texture (e.g. 122.1m) indicating these massive zones may be replacement rather than veins. The preserved conglomerate texture is particularly evident at 123.9m adjacent to a small massive patch.	Fault?	118.8	121.0	<0.01	<0.01	0.13	<0.1	7.4	0.01	0.02	0.006	2	0.01
							122.0	<0.01	0.01	0.29	<0.1	28.0	<0.01	0.01	0.009	5	0.01
							122.8	<0.01	<0.01	0.30	<0.1	31.8	<0.01	0.01	0.009	7	0.01
							123.8	<0.01	<0.01	0.14	<0.1	6.3	<0.01	0.01	0.006	2	0.01
							124.8	<0.01	<0.01	0.15	0.3	9.9	<0.01	0.03	0.005	2	0.01
							125.8	<0.01	<0.01	0.14	0.1	7.4	<0.01	0.03	0.004	2	0.01
							126.6	<0.01	<0.01	0.21	0.3	11.0	<0.01	0.02	0.007	3	0.01
							127.8	<0.01	0.01	0.35	3.5	33.3	<0.01	0.02	0.026	8	<0.01
							128.8	0.02	<0.01	0.11	<0.1	3.8	0.01	0.02	0.005	1	0.01
							129.8	0.01	<0.01	0.05	<0.1	1.5	0.01	0.03	0.002	<1	0.01
							130.8	0.04	<0.01	0.07	<0.1	2.5	0.01	0.03	0.003	<1	<0.01
130.8	139.0	7.4	90	<u>CONGLOMERATE</u> Medium to coarse grained quartz conglomerate poorly sorted, weakly graded, containing angular to subangular quartz, quartzite, chert and sparse siltstone fragments in a sparse (5%) sandstone matrix. A few clasts are completely leached out, and the rock overall has a leached and pitted appearance. Minor quartz veins at ~134m. Rock is extremely broken, reduced to gravel between 137.4 and 138.4m with high core loss.													
139.0	147.8	7.4	84	<u>GRIT, SANDSTONE AND SILTSTONE</u> Light grey intermixed (interbedded and intergrading) fine to medium grained grit (55%) fine to medium grained sandstone (30%) and fine to sandy siltstone (15%). Rocks are weakly pitted and leached near upper and lower contacts. Grey pug zone 145.0 - 145.5m with poor recovery. Broken ground poorly recovered 139.2 - 139.9m. No apparent sulphides; quartz veining occurs at 146.6 - 146.8m. B.C.A. 40° Gradational base.													
147.8	182.6	34.1	97	<u>CONGLOMERATE, minor siltstone and grit</u> Poorly sorted quartz conglomerate with locally distinct clast orientation at 40 to 60°. Conglomerate appears to be in beds up to 1.5m thick, poorly graded. Clasts included angular to subrounded quartz, chert, quartzite, siltstone, basalt, sandstone. Clast size in general increases with depth, with clasts up to 5cm across occurring between 175 and 179m.													

728023 023

DIAMOND DRILL RECORD

HOLE NUMBER : 5969

LOGGED BY : L.O.B.

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
				<p>This conglomerate differs from previous conglomerates in the variable matrix proportion which ranges from 5% up to 70%, and locally becomes a pebble siltstone.</p> <p>In general, ground conditions are fair, the rocks being slightly to moderately broken, but patches of very broken to extremely broken and gravelly ground occur, and some core loss has been experienced in these zones.</p> <p>Sharp, planar base, 40° to C.A.</p>												
182.8	232.1	48.9	99	<p>SILTSTONE, SANDSTONE AND GRIT-CONGLOMERATE</p> <p>Interbedded grey to brown grey fine grained massive to coarsely bedded siltstone (60%) and gray to brown fine to coarse (graded) sandstone, which locally grades through fine to coarse grit into fine matrix-rich quartz conglomerate. In such conglomerates and grits, partial alteration has occurred, and vague patches of exinite & actinolite occur.</p> <p>Axinite-actinolite clay chlorite veins occur at 192.7m and 204.8m. Puggy green-grey claystone bands occur at 186.7 - 187.0m and 207.0m. Minor core lost in clayey (axinite-actinolite?) bands at 202.0m, 202.4m, 204.8m, and 229.8 - 230.8m. Minor iron staining about fractures 231.7 - 232.1m Gradational base. B.C.A. 40°.</p>												
232.1	255.0	22.3	97	<p>SILTSTONE, SANDSTONE AND GRIT</p> <p>Fine to coarse grained (sandy) siltstone grading into and interbedded with fine grained silty sandstone, with minor medium grained grit. Rocks are moderately to very broken throughout, with patches of iron stained fractures and orange-yellow clay and goethite occurring throughout.</p> <p>Puggy pale blue-green zone at 234.3 - 234.6m (0.1m lost) contains locally common pyrrhotite fragments and grains. In less "weathered" (iron stained) areas, white kaolinite coats joints.</p> <p>Thin black tourmaline? vein at 240.4m is leached and pitted, and surrounded by yellow-green halo of alteration.</p> <p>Indistinct, broken basal contact. B.C.A. indistinct, but 40° where apparent.</p>												

728024 024

DIAMOND DRILL RECORD

HOLE NUMBER : 5969

LOGGED BY : L.D.B.

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL	% Cu	% Al	% S	% Pb	% Zn	% Bi	g/t Ag	% WO ₃
255.0	263.9	8.7	98	<p><u>SANDSTONE, minor GRIT, CONGLOMERATE and SILTSTONE</u></p> <p>Pale grey to green grey medium grained massive sandstone (70%) interbedded and grading into minor fine to coarse grained quartzose grit/conglomerate (20%) with minor interbedded and intermixed pale grey very fine grained clayey siltstone. The siltstone interbeds are generally strongly contorted and disrupted locally becoming "conglomeratic" within the sandstone.</p> <p>Between 262.9 and 263.1m is a leached and pitted actinolite-oxite (trace pyrrhotite) altered ?conglomerate band. The adjacent sandstone from 262m appears actinolitized also.</p> <p>White kaolin coats many joints. Sparse quartz-pyrrhotite veins. Minor leached and clayey alteration bands (originally actinolite/tremolite; some fibrous textures remain).</p> <p>Ground is moderately to very broken throughout, with minor extremely broken patches, but core loss is fairly good throughout. B.C.A. 40°</p>													
						262.9	263.9	0.02	0.01	0.02	<0.1	0.9	0.01	0.03	0.003	2	0.01
263.9	265.9	1.9	95	<p><u>SHEAR/BRECCIA ZONE</u></p> <p>Generally soft and clayey leached, altered brecciated to mylonitized siltstone and conglomerate (?) with locally distinct shear textures. Fine grained pyrrhotite blebs, aggregates and fragments occur sporadically throughout. Ground is locally very broken (particularly 265.3 - 265.9m) but core recovery fairly good. General colouring is green-grey with pale cream mottlings suggesting chloritisation and/or actinolitisation. General trend of shearing 60°</p>	GPF	263.9	264.9	<0.01	<0.01	0.02	<0.1	0.4	0.01	0.06	0.003	2	<0.01
						265.9		<0.01	0.02	0.03	<0.1	0.4	0.02	0.09	0.003	2	<0.01
						266.9		0.15	0.06	0.03	<0.1	1.0	0.01	0.08	0.015	3	0.01
						267.9		0.34	0.03	0.15	0.2	1.2	0.04	0.05	0.005	3	0.01
265.9	268.0	2.0	95	<p><u>SILTSTONE</u></p> <p>Mottled grey, green, and brown incipiently brecciated fine grained siltstone, locally so altered as to be a soft claystone. Minor leached and pitted clay-pyrrhotite veinlets and stringers near contacts.</p>	GPF												
268.0	269.1	1.0	91	<p><u>CLAY, SILTSTONE BRECCIA</u></p> <p>Light green grey to dark grey clay (altered siltstone ?) with fragments of soft, clayey dark grey siltstone. Minor fine pyrrhotite pyrite stringers and veinlets. Traces of galena. Weakly banded at 269m, at 60° to C.A.</p>	GPF	267.9	268.9	0.12	0.03	0.05	0.1	0.6	0.02	0.07	0.005	3	0.01

728025 025

DIAMOND DRILL RECORD

HOLE NUMBER : 5969

LOGGED BY : L.D.B.

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.												
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃	
269.1	293.1	22.7	95	SILTSTONE minor SANDSTONE	GPF	268.9	269.9	1.49	0.03	0.59	0.5	2.4	1.08	0.57	0.031	11	0.03	
				Broken to extremely broken, locally brecciated fine grained light to mid-grey siltstone with minor fine sandstone bands. Sparse puggy bands containing siltstone fragments occur sporadically; minor actinolite/tremolite pyrrhotite bands, patches and veins. Between 271.3 and 273.5m is a dark grey siltstone containing veins of black fine grained tourmaline? and pyrrhotite, with sparse sphalerite and galena veinlets. Trace to minor pyrite quartz pyrrhotite veins and stringers elsewhere. Minor white kaolin on joints. Traces of fine tourmaline and quartz also coats joints.			270.9	0.01	0.07	0.03	<0.1	0.5	0.10	0.09	0.002	2	0.01	
				B.C.A. appears to steepen from 40° to 70°.			271.9	0.02	0.01	0.07	<0.1	1.5	0.10	0.06	0.003	2	0.01	
							272.9	0.31	<0.01	0.05	<0.1	1.2	0.08	0.03	0.001	2	0.01	
							273.9	0.13	<0.01	0.04	<0.1	1.2	0.10	0.04	0.001	1	0.01	
							274.9	<0.01	<0.01	0.03	<0.1	0.7	0.02	0.07	0.002	1	0.01	
							275.9	<0.01	<0.01	0.02	<0.1	0.4	<0.01	0.10	0.004	1	0.01	
							276.9	<0.01	<0.01	0.04	<0.1	1.5	<0.01	0.08	0.005	1	0.01	
							277.9	<0.01	<0.01	0.02	<0.1	0.2	0.01	0.13	0.003	1	<0.01	
							278.9	0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.05	0.003	1	0.01	
							279.9	<0.01	<0.01	0.03	<0.1	0.4	<0.01	0.06	0.004	1	<0.01	
							280.9	0.02	<0.01	0.07	<0.1	1.2	<0.01	0.07	0.003	2	<0.01	
				Base arbitrarily taken as base of last clayey alteration band.			281.9	<0.01	0.01	0.03	<0.1	0.4	<0.01	0.04	0.003	2	<0.01	
							282.9	<0.01	<0.01	0.02	<0.1	0.2	<0.01	0.06	0.004	1	0.01	
293.1	313.7	20.6	100	SILTSTONE, minor GRIT	HS	283.9	0.02	0.01	0.05	<0.1	1.0	<0.01	0.08	0.004	2	0.01		
				Light to mid grey massive and indistinctly bedded fine grained siltstone with sparse leached and bleached grit interbeds up to 3cm thick. Rocks are locally moderately broken, and grit bands are slightly clayey near top of unit. Yellow (incipiently weathered?) carbonate coats joints and fractures.			284.9	0.03	<0.01	0.03	<0.1	<0.1	<0.01	0.05	0.005	2	0.01	
							285.9	0.43	0.01	0.04	<0.1	0.6	<0.01	0.04	0.004	2	0.01	
							286.9	0.01	0.01	0.02	<0.1	1.3	<0.01	0.05	0.002	2	<0.01	
							287.9	0.15	0.02	0.04	<0.1	1.8	<0.01	0.04	0.006	2	<0.01	
							288.9	0.01	<0.01	0.04	<0.1	0.3	<0.01	0.06	0.001	2	0.01	
							289.9	0.04	0.01	0.03	<0.1	0.5	<0.01	0.04	0.002	2	0.01	
				Minor pyrrhotite actinolite stringers and veinlets. B.C.A. varies 50-70°. Base arbitrary.			290.9	0.11	0.02	0.06	<0.1	1.1	<0.01	0.07	0.010	2	0.01	
							291.9	0.24	0.02	0.03	<0.1	1.6	<0.01	0.09	0.004	2	<0.01	
							293.1	0.12	0.01	0.06	<0.1	1.8	<0.01	0.10	0.004	2	0.01	
313.7	322.3	8.4	98	BROKEN, locally CLAYEY SILTSTONE	HS													
				Very broken to extremely siltstone as previous unit. Very clayey with core loss between 320.5 and 322.3m. No obvious reason for broken ground.														
322.3	372.1	49.8	100	SILTSTONE minor GRIT AND CONGLOMERATE	HS													
				Dark grey fine grained massive and indistinctly bedded siltstone containing local common disseminated pyrite and veins of pyrite, pyrrhotite and actinolite, and zones with "blotches" up to 3mm across of cordierite locally defining a weak bedding at 60° to C.A. Fine to coarse grit bands up to 2cm thick occur sporadically, and become coarser, thicker and more common towards base. Conglomerate bands up to 10cm thick have a similar distribution. From ~340m, the conglomerate bands are altered to actinolite-axinite (axinite appears to replace clasts) and contain trace to minor pyrrhotite and chalcopyrite stringers.														
				From 322.3 to 325m, the rocks are moderately broken and veined by yellow (altered?) carbonate. Below 325m, the ground is excellent B.C.A. 60° - 70° Sharp, irregular base.														

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RENIS LIMITED
DIAMOND DRILL HOLE PLOT

SCALE:

HOLE No.:

Sample No	Classification - Composition	Fabric	Accessories	Comments
S 947A 453.3 (T.S. 42974)	<u>Sulphide-Cassiterite Rock.</u> 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 50-60 μ) in massive aggregates to 2mm, crude bands and relatively minor disseminations in chlorite aggregates.
455.3	<u>Chlorite-Quartz Rock.</u> 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 elastic. Contorted (sheared) veins/veinlets.	Thinly disseminated cassiterite. Corroded relics of talc, pale phlogopite.	"Phlogopitised" and retrogressively chloritised, veined, restressed labile siltstone. Cassiterite as cloudy 10-100 μ , mean 35 μ particles in chlorite aggregates.
457.0	<u>Chlorite Quartz-Arsenopyrite Rock.</u> 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 metamorphic features and interpreted as a contemporaneous vein or segregation. No detectable cassiterite.
534.4	<u>Schorl Rock.</u> 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, leucocratic semi-opaques. Late chalcopyrite films (actinolite rock).	Affinities with the S 764 schorl rocks, but lacking diagnostic metamorphic features. The contact is gradational. No detectable cassiterite.
574.9	<u>Metasomatised Conglomerate.</u> Various diopside-axinite-, actinolite- and prehnite-pseudomorphed clasts similarly altered sandy matrix. Late veins, impregnations calcite, prehnite.	Poorly sorted, sand-supported, conglomeratic, variously obscured by metamorphic replacement.	Minor traces detrital chromite. Relict leucocratic Fe-Ti opaques in clasts.	Close affinities with the S764 altered conglomerates. Initial diopside-actinolite-axinite assemblage overprinted by prehnite, calcite. Clasts include (altered) basals, greywacks.
578.7	<u>Actinolitised Conglomerate.</u> 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 leucocratic opaques, leucocratic Titanite 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	<u>Metasomatised Conglomerate.</u> 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	<u>Dolomite-Tremolite Rock.</u> Dolomite and closely intergrown tremolite with conspicuous disseminations of chromite.	Medium-grained dolomite, weakly orientated subcircular 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.

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DIAMOND DRILL RECORD

HOLE NUMBER : S969

LOGGED BY : L. BOND.

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
407.3	408.4	1.1	100	CARBONATE.	R.L.C.	405.1	406.1	0.08	0.04	0.06	<0.1	1.5	<0.01	0.02	0.004	3	<0.01
				Pale grey, fine grained massive carbonate, with minor white carbonate veins and aggregates, and sparse talc bands, veins, and stringers. Sharp base -60° to C.A.			406.8	0.14	0.03	0.10	<0.1	2.1	0.01	0.03	0.004	3	<0.01
							407.2	0.20	0.05	0.55	<0.1	6.6	0.05	0.07	0.008	26	<0.01
							408.4	0.20	0.01	<0.01	<0.1	0.4	<0.01	0.04	0.007	6	<0.01
408.4	409.8	1.4	100	SEMI-MASSIVE SULPHIDE.	R.L.C.	408.4	409.8	10.93	0.11	0.30	<0.1	12.4	0.07	0.15	0.017	13	0.06
				Pale to bright green ?chloritised carbonate with minor dark green talc containing apparently fine grained pyrrhotite with very sparse chalcocopyrite, and a band or vein containing fine grained honey-coloured cassiterite between 409.7 and 409.8m. Minor carbonate chlorite veins. Base marked by 1cm. thick vein of sparry carbonate and black tourmaline?, at ~50° to C.A.													
409.8	447.4	37.6	100	WEAKLY ALTERED CONGLOMERATE.	R.L.C.	409.8	410.8	0.07	0.01	0.03	<0.1	1.0	0.01	0.04	0.005	2	0.01
				Similar conglomerate to 372.1 - 406.8m, but with a lesser degree of alteration, which is actinolite 1 axinite with patches of brown-grey phlogopitisation increasing in extent and abundance towards the base of the unit. The conglomerate appears to become matrix poorer with depth, and there is a decrease in clast size. In some areas it is possible to determine that the clasts consist of siltstone, shale, sandstone, basalt, acid volcanics, and chert. B.C.A. is defined by a weak clast orientation, at ~50° to C.A. Sharp, irregular base at ~50° to C.A.			411.8	0.13	0.02	0.08	<0.1	2.3	<0.01	0.04	0.004	3	0.01
							412.8	0.02	0.02	0.09	<0.1	1.3	<0.01	0.03	0.006	3	0.01
							413.8	0.02	0.02	0.04	<0.1	1.6	<0.01	0.02	0.006	3	0.01
							414.8	0.04	0.02	0.02	<0.1	0.7	<0.01	0.01	0.004	2	0.01
							415.8	0.06	0.03	0.01	<0.1	0.3	<0.01	0.01	0.003	2	<0.01
							416.8	0.05	0.01	<0.01	<0.1	0.1	<0.01	0.01	0.002	1	0.01
							417.8	0.02	0.01	<0.01	<0.1	<0.1	<0.01	<0.01	0.003	2	<0.01
							418.8	0.03	0.02	0.01	<0.1	<0.1	<0.01	0.01	0.003	1	0.01
							419.8	0.02	0.02	<0.01	<0.1	<0.1	<0.01	<0.01	0.002	1	<0.01
							420.8	0.04	0.02	<0.01	<0.1	0.2	<0.01	<0.01	0.002	1	<0.01
							421.8	0.03	0.02	<0.01	<0.1	0.3	<0.01	<0.01	0.002	2	0.01
							422.8	0.03	0.02	0.01	<0.1	1.1	<0.01	0.01	0.003	2	<0.01
				MINERALISATION.			423.8	0.06	0.02	0.02	<0.1	1.2	<0.01	0.01	0.003	2	<0.01
				Sulphide mineralisation appears to be more restricted than previously, with poorly defined zones of pyrrhotite 1 trace chalcocopyrite occurring as stringers and aggregates, and rimming and replacing clasts. Between 442.3m and 447.4m are pitted and leached zones of pyrite-tourmaline? mineralisation replacing clasts and ore matrix, and less commonly as veins.			424.8	0.02	0.02	0.01	<0.1	0.2	<0.01	<0.01	0.002	2	0.01
							425.8	0.02	0.01	0.01	<0.1	0.2	<0.01	<0.01	0.002	1	<0.01
							426.8	0.05	0.02	<0.01	<0.1	0.4	<0.01	<0.01	0.002	1	<0.01
							427.8	0.06	0.02	0.02	<0.1	1.4	<0.01	0.01	0.004	2	<0.01
							428.8	0.02	0.01	0.01	<0.1	0.7	<0.01	0.01	0.004	2	<0.01
							429.8	0.11	0.02	0.02	<0.1	1.6	<0.01	<0.01	0.004	1	0.01
							430.8	0.09	<0.01	0.02	<0.1	2.2	<0.01	<0.01	0.002	2	<0.01
							431.8	0.17	0.01	0.02	<0.1	1.8	<0.01	0.01	0.002	2	0.01
							432.8	0.05	0.02	0.01	<0.1	1.2	<0.01	<0.01	0.002	2	0.01
							433.8	0.12	0.02	0.03	<0.1	1.7	<0.01	<0.01	0.002	1	0.01

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RENISOL LIMITED
DIAMOND DRILL HOLE PLOT

SCALE:

HOLE No. 1

NEAR TRACE

Sample No.	Classification - Composition	Fabric	Accessories	Comments
S 969 123.0	<u>Pyrite-Chlorite-Schorl Rock.</u> Spongy pyrite aggregates (partly secondary after pyrrhotite) in extremely fine-grained chlorite matrix with abundant fine schorl; thinly disseminated arsenopyrite.	Vague relict, poorly sorted, psammitic weak contorted bedding, "pyritised" matrix.	Traces relict detrital quartz, zircons, Ti-opaques (replaced by anatase). Minor trace chalcocite.	Thoroughly altered "lithic sandstone" (or greywacke) with chlorite-pyrite "retrograde" after ? phlogopite-pyrrhotite (-schorl).
124.0	<u>Chlorite-Pyrite Rock.</u> Chlorite with conspicuous pyrite (largely after pyrrhotite), subordinate arsenopyrite, minor schorl.	Closely analogous to 123.0m.	Minor traces chalcocite, corroded chalcopyrite, zircon, anatase, quartz.	Close affinities with 123.0m. Relatively distinctive relict lithic framework with indeterminate and pelitic sediment clasts. Clasts, matrix variously "pyritised".
124.8	<u>Tourmalinised Lithic Sandstone.</u> Framework of weakly tourmaline-chlorite-stained, variably pyritised chert clasts, subordinate cherty argillite, pelite, minor quartz. Schorl-quartz matrix with disseminated pyrite.	Weakly bedded, bi-modally sorted, angular-subangular framework. Fine-grained metasomatic schorl matrix.	Patchy pyritised pyrrhotite. Detrital titanopaques (anatase), rare zircons.	Fine sand-supported, slightly gritty medium-coarse lithic sandstone with abundant chert fragments. Moderately tourmalinised in contrast to the relatively altered 123.0, 124.0m.
126.3	<u>Tourmalinised Lithic Sandstone.</u> Fine to ultra-fine schorl and quartz in varying proportions with subordinate chlorite. Impregnations, veins of arsenopyrite, pyrite (-quartz-chlorite).	Relict, poorly sorted, gritty sandy elastic with fine to medium sandy matrix. Sporadic late quartz-healed fractures.	Sparse chalcopyrite in arsenopyrite-pyrite aggregates, veins.	Similar to 124.8m, but with thoroughly tourmalinised clasts, silicified/tourmalinised matrix. Semi-pervasive chlorite is analogous to that at 123.0, 124.0m.
262.9	<u>Quartz-Chlorite Rock.</u> Quartz, variably stained with inclusions of chlorite (partly after tremolite-actinolite) and fine green schorl. Interspersed aggregates of Mg-chlorite. Disseminated pyritised pyrrhotite.	Breccia-like, vaguely relict lithic sandy elastic. Semi-pervasive relict tremolitic textures.	Fine cloudy sphene disseminations.	Tremolitic, brecciated and thoroughly silicified/chloritised, poorly sorted lithic psammite (?labile wacke). No detectable cassiterite.
271.9	<u>Tourmalinised Breccia.</u> Very fine dark schorl and schorl-stained quartz with sporadic zones of quartz, pyrite and pyritised pyrrhotite.	Poorly diagnostic. "Conglomeratic" to breccia-like, but confused by weak shearing effects.	Conspicuous leucocratic semi-opaques.	Ill-defined brecciated/thoroughly tourmalinised-silicified conglomeratic sediment. Clasts are indeterminate, but apparently basic types ("Red Lead Conglomerate").
281.6	<u>Altered Conglomerate.</u> Fine-grained Mg-chlorite and closely intergrown chlorite-stained quartz, patchy to semi-pervasive, fine to ultrafine schorl, minor talc, conspicuous leucocratic semi-opaques.	Poorly sorted, gritty, conglomeratic, weakly bedded. Pervasive "actinolite"-pseudo-morphous chlorite.	Rare cassiterite in vug-like quartz-chlorite aggregates. Very rare ultrafine chalcopyrite.	Thoroughly actinoliticised (-tourmalinised) conglomerate, subsequently chloritised silicified with the introduction of traces of cassiterite (20 100µ, mean 60µ).
287.1	<u>Altered Labile Siltstone.</u> Fine Mg-chlorite, subordinate chlorite-stained quartz, more or less pervasive extremely fine schorl, conspicuous leucocratic fine silt sized relict elastic opaques. Sporadic quartz chlorite veinlets.	Relict laminated, silty elastic with semi concordant veinlets.	Minor pyrite impregnations, discontinuous selvages on veinlets. Minor traces dark cloudy cassiterite (veinlets).	Primarily a labile (?buffaceous) siltstone. Alteration essentially identical to that at 281.6m. Cassiterite similarly dark, cloudy, rare, sized 10-75µ.
290.0	<u>Altered Labile Siltstone.</u> Chlorite with patchy intergrown chlorite stained quartz fine to ultrafine schorl. Sporadic talc chlorite pseudomorphed carbonate veins late quartz chlorite veinlets.	Vague relict silty elastic. Chlorite largely pseudo morphous after very coarse poikilitic axinite.	Conspicuous leucocratic semi-opaques, rare pyritised pyrrhotite. Traces pyrite, chalcopyrite, stannite in veinlets.	Similar paragenesis to 287.1m. Initial alteration assemblage was axinite actinolite schorl. Pervasively chloritised (-silicified). Stannite in very minor traces only.
372.2	<u>Metasomatised Conglomerate.</u> Actinolite aggregates variably degraded to chlorite cloudy carbonate subordinate to minor fine schorl coarse axinite locally corroded/replaced by chlorite.	Vague relict conglomeratic. Irregular axinite veins, vugs (with sulphide disseminations)	Disseminations of pyrrhotite, chalcopyrite, trace sphalerite. Cloudy sphene (after primary opaques).	Partly "retrogressively" chloritised carbonated actinolite-axinite-schorl rock representing a metasomatically altered labile pebbly sediment ("conglomerate")
398.8	<u>Metasomatised Conglomerate.</u> Framework of variously squinted phlogopitised basalt, labile psammopelite, quartzose silty shale. Similarly altered quartzose sandy matrix. Minor metasomatic schorl.	Relict poorly sorted, sand supported, conglomeratic.	Detrital leucocratic magnetite, traces detrital chromite. Minor poikilitic axinite.	Basic-volcanoclastic conglomerate with close affinities to the 5764, 8947A intersections. Chromite is closely analogous to that in 8947A/628.6m.
400.8	<u>Altered Conglomerate.</u> Various chloritised and silicified carbonated axinite-actinolite aggregates with more or less pervasive fine schorl. Disseminations	Sand-supported, conglomeratic. Patchy, coarsely poikilitic axinite. Sparse pyrite veinlets	Traces sphene (after primary opaques), rare cassiterite.	Metasomatised conglomerate with semi-pervasive quartz-chlorite-carbonate alteration overprint. Cassiterite sized 10-100µ, mean 50µ in chlorite-quartz aggregates.

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RENISON LIMITED
DIAMOND DRILL HOLE PLOT

HOLE No. 1

SCALE:

Sample No.	Classification - Composition	Fabric	Accessories	Comments
405.7	<u>Altered Conglomerate</u> . Mg-chlorite with subordinate/variable cloudy carbonate, minor chlorite-stained quartz, semi-pervasive fine schorl. Disseminated corroded relics of actinolite, axinite.	Relict conglomeratic with chloritised actinolitic matrix.	Conspicuous sphene (after primary opaques), minor traces pyrrhotite.	Close affinities with 400.8m. Main clast component was labile psammopelitic sediments. No detectable cassiterite, but traces possibly masked by sphene.
407.1	<u>Carbonate-Quartz-Chlorite Rock</u> . Dolomite, replacement calcite, quartz in varying proportions with disseminations, sporadic foliae of Mg-chlorite. Disseminated aggregates of pyrrhotite, subordinate chalcopyrite.	Variable. Vein-type quartz and calcite with vague calcitised and chloritised lithic clasts. Stressed.	Locally conspicuous leucocratic semi-opaques. Traces corroded tremolite-actinolite, minor trace talc.	Problematical rock interpreted as a silicified/calcitised/chloritised breccia. Clasts ill-defined; impure dolomite and at least minor basic igneous types.
408.0	<u>Dolomitic Marble</u> . Near-massive dolomite with sporadic, weakly stylolitic films of chlorite, minor films, clots of calcite.	Medium-coarse-grained, granular to sperry, stressed.	Pervasive extremely fine magnetite inclusions in carbonate. Minor traces pyrrhotite, pyrite.	Re-crystallized impure dolomite, apparently autochthonous-sedimentary Carbonate is Fe-dolomite (trend ankerite), magnetite (recrystallized primary). "Iron-carbonate" facies.
409.0	<u>Pyrrhotite-Quartz-Calcite Rock</u> . Massive pyrrhotite with interspersed zones, crude bands of quartz and chlorite-stained calcite. Sparse to conspicuous cassiterite disseminations.	Medium-grained with vague contorted banding. Moderately stressed.	Traces chalcopyrite, sparse corroded relics of carbonate (? magnetite).	Affinities with Renison sill ores. Alteration similar to 407.1m (408m) but more intense. <u>Cassiterite</u> loosely clustered 10-100 μ , mean 50 μ inclusions in quartz and chloritic calcite.
409.7	<u>Carbonate-Cassiterite-Quartz Rock</u> . Impure calcite with disseminated to near-massive yellow to lilac pleochroic cassiterite, irregular aggregates, vugs of quartz, disseminated pyrrhotite.	Medium-grained, crudely banded, mildly to distinctly microfractured. Sub-to subhedral cassiterite.	Minor foliae of chlorite, minor traces sphalerite; sporadic blebs (to 500 μ) stannite (in pyrrhotite aggregates).	Vein-type paragenesis with affinities to alteration assemblage at 407.1, 408, 409m. <u>Cassiterite</u> as distinctive (colour, habit) mean 400 μ (to 1.5mm) mildly fractured. Stannite is discrete.
411.9	<u>Metasomatized Conglomerate</u> . Various actinolitic and tourmalinized clasts. Veins and matrix of actinolite, axinite, pyrrhotite and schorl with minor quartz. Patchy chlorite-calcite alteration.	Relict pebbly clastic (conglomeratic), irregularly veined.	Disseminated chalcopyrite (intergrown with pyrrhotite). Traces of sphene.	Typical actinolite-schorl-axinite altered conglomerate with late calcite-chlorite alteration of actinolite, axinite. Clasts labile psammitic in part.
428.2	<u>Metasomatized Labile Greywacke</u> . Framework of tourmaline-actinolite-sericite altered basalt/labile pelite, impure chert clasts, saussuritic feldspar grains. Matrix of calcite-stained talc, patchy actinolite.	Moderately sorted, weakly bedded, medium to coarse sandstone. Semi-turbiditic, locally slumped.	Patchy phlogopite, disseminated axinite, traces pyrrhotite, conspicuous sphene, rare chromite.	Extensively metasomatically altered polymict greywacke. Lithic clasts are angular to rounded; feldspar angular, locally derived. Matrix is possibly altered dolomite.
433.4	<u>Metasomatized Conglomerate</u> . Various silicified, tourmalinized, phlogopitised or locally actinolitic clasts. Similarly altered matrix with patchy late clouddycalcite. Thinly disseminated pyrrhotite.	Conglomeratic, weakly bedded, mildly sheared.	Patchy talc; sporadic aggregates coarse poikilitic axinite, conspicuous fine cloudy sphene.	Complexly altered polymict conglomerate. The assemblage is relatively siliceous, phlogopitic, but otherwise typical.
442.6	<u>Metasomatized Labile Greywacke</u> . Framework of tourmalinized indeterminate clasts, chlorite-stained quartz matrix. Coarse, vug-like mass of chloritised axinite with pyrrhotite (-chalcopyrite) aggregates. Patchy siderite.	Variable. Poorly sorted, turbidite-like to silty clastic.	Patchy sideritic carbonate-pseudomorphed actinolite. Traces sphene. Locally marked pyritisation pyrrhotite.	Relict fabric ill-defined, but sandy clastic with tourmalinized clasts, actinolitic and subsequently silicified/carbonated matrix. Chloritised axinite s.m. e.g. 405.7m.
450.7	<u>Tremolite-Schorl-Talc Rock</u> . Pale green tremolite-actinolite with clusters of green-blue schorl, sporadic aggregates of talc-minnesotaite with subordinate intergrown pale phlogopite.	Medium-grained, incipiently sheared, with vug-like talc-phlogopite aggregates.	Thinly disseminated (?weakly chromiferous) magnetite. Minor traces pyrrhotite.	Altered ?ultramafic. No metasomatized basic characteristics. Relict primary magnetite is of "ultramafic" character.
451.0	<u>Actinolite Rock</u> . Weakly/variably staatitised (talc-pseudomorphed) actinolite aggregates. Sporadic quartz veins with disseminations schorl, pyritised pyrrhotite, chalcopyrite.	Felted, medium-grained, vaguely uraltic actinolite. Irregular veinlets.	Traces chlorite, minor traces dark cassiterite (quartz veinlets).	Relatively featureless actinolite rock, vaguely uraltic basic-ultramafic character. <u>Cassiterite</u> sized 50-200 μ , mean 100-125 μ , restricted to actinolitic margins of quartz veinlets.
457.9	<u>Tremolite-Schorl Rock</u> . Pale green tremolite-actinolite with disseminations/crude foliae of blue-green to deep green (chromiferous) schorl. Crude lenses quartz, tremolite with pyrrhotite, chalcopyrite.	Medium-grained, crudely banded, incipiently stressed.	Disseminated fine-grained chromiferous magnetite. Minor late siderite, secondary pyrite.	Affinities with 451.0m and particularly 450.7m, and similarly of contact-altered ultramafic character (?sheared serpentinite).
454.0	<u>Tremolitised Pyroxenite</u> . Uralitic pale green tremolite-actinolite with patchy secondary Mg-chlorite replacements.	Relict medium-grained, granular, locally semi-schistose.	Rare blue schorl. Thinly disseminated relict primary chromite.	Thoroughly tremolitised, weakly sheared/chloritised granular pyroxenite. Tends to confirm 450.7, 451 and 457.9m as altered ultramafics.

728031 031

RENISON LIMITED - DRILL CORE RECORD

HOLE NUMBER	8947 A	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	O.Cos.Dip	Prog. Total
PURPOSE	To test Grand Prize Fault and mineralised Conglomerate of 8764	Collar	117° 44' 31"	-76° 46' 27"						
		15.0m	121°	-76.75°						
		69.0m	118°	-78.5°						
LOCATION	8947 (extended)	114.0m	111°	-79.5°						
		146.0m	111°	-81°						
COLLAR R.L.	2428.52	172.0m	§ 107°	-80.25°						
		228.0m	103°	-81°						
CO-ORDINATES	14191.6 13387.4	260.0m	101°	-81°						
		283.0m	096°	-81.5°						
LENGTH	649.5m (total depth)	329.0m	§ 085°	-81.25°						
		343.0m	081°	-80°						
HOLE SIZE	reamed HQ to 334.0m HQ 334.0 - 597.0m BQ 597.0 - 849.5m	400.0m	074°	-81°						
		466.0m	069°	-80.5°						
DATE DRILLED	7.4.82 - 2.6.82	514.0m	073.5°	-80.75°						
		545.0m	068°	-81.25°						
SIGNIFICANT CORE LOSS ZONES	see log	583.0m	068°	-80.75°						
		631.0m	055°	-78.25°						
ORE ZONE GROUND CONDITIONS	Grand Prize Fault; locally vuggy and clayey (core loss 461.4 - 463.5m due to core tube mismatch)	§ Survey in rods; bearing estimated.								
LOGGED BY	L.D. BORD									
COMMENTS	<p>Drilled by A.D.D.; re-entered 8947; reamed HQ- 334.0m; ran off 8947 at 334.0m. This hole was the first to intersect primary, unaltered sulphides within the Grand Prize 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.</p> <p>Note unusual tourmaline rock 534.1 - 534.8m containing significant tin and copper.</p>									

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	
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 Prize Fault including:	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	
Tourmaline Rock	534.1	534.8	0.7	0.82	0.01	0.80	3.8	6.8	0.07	0.41	0.035	0.01	12	
Red Lead Congl.	574.2	627.7	53.5	0.47	0.02	0.77	<0.1	2.5	0.79	2.38	0.004	0.01	26	
				0.01	<0.01	0.02	<0.1	<0.1	<0.01	0.02	0.002	<0.01	1	70°

728032 032

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LDB

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₂
334.0	364.5	30.5	100	<p>INTERBEDDED SILTSTONE and TUFACEOUS SANDSTONE</p> <p>Light grey, very fine grained siltstone (60%) interbedded with dark brown (when fresh) fine to medium grained tufaceous sandstone (40%) Individual beds are, generally 2cm thick, but occasionally the tufaceous sandstone occurs in units up to 70cm thick with a few fine silty laminae.</p> <p>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.</p> <p>Minor fine stringers and veinlets of leached carbonate occur sporadically, again increasing in abundance with depth. B.C.A. is consistently 40°- 50°</p>	Hodge slate.												
364.5	366.0	0.9	60	<p>LEACHED CARBONATE VEIN</p> <p>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.</p>	vs/T	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	368.5	<0.01	<0.01	0.01	<0.1	0.3	0.01	0.60	0.002	2	<0.01
						368.5	369.5	<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	99	<p>EXTREMELY BROKEN ROCKS, WITH LEACHED VEINS</p> <p>Extremely broken interbedded siltstone and tufaceous 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.</p>	Hodge Slate												
369.4	389.7	20.1	99	<p>BROKEN TUFACEOUS SANDSTONE (75%) and SILTSTONE (25%)</p> <p>Fine to medium grained massive and weakly bedded dark brown-grey tufaceous 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.</p> <p>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.</p> <p>Rocks appear slightly altered near base. B.C.A. 40°- 50°</p>	Hodge Slate												

728033 033

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LJB

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
389.7	393.0	3.1	94	<p><u>ZONE OF BRECCIATION AND VEINING</u></p> <p>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.</p> <p>Lower contact sharp, irregular 40° to C.A. upper contact not recovered.</p>	FT											
393.0	403.6	10.6	100	<p><u>INTERBEDDED SANDSTONE AND SILTSTONE</u></p> <p>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.</p> <p>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.</p> <p>B.C.A. 40° - 50° Diffuse base.</p>	Blocky Slate?											
403.6	414.0	10.4	100	<p><u>INTERBEDDED ?TUFFACEOUS SANDSTONE, AND GRIT with minor SILTSTONE</u></p> <p>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%).</p> <p>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.</p> <p>Sparse leached and argillised carbonate-quartz veins, containing traces of pyrite. Grits near base of unit are severely leached and argillised.</p> <p>B.C.A. 40° - 50°</p>												
414.0	414.7	0.6	86	<p><u>LEACHED CARBONATE - AXINITE VEIN</u></p> <p>Gray 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.</p>	VI											

728034 034

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LDB

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu	% As	% S	% Pb	% Zn	% Bi	g/l Ag
414.7	421.3	6.6	100	<p><u>TUFFACEOUS SANDSTONE, GRIT and minor CONGLOMERATE</u></p> <p>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.</p> <p>Sandstone locally contains calcareous (now bleached and leached) bands.</p> <p>Leached quartz-arsinite-carbonate vein containing sparse sphalerite and pyrite between 418.6 and 418.8m.</p> <p>Rocks are moderately to slightly broken, become less broken towards base.</p> <p>D.C.A. = 40° - 50°</p>												
421.3	433.5	11.2	92	<p><u>CONGLOMERATE</u></p> <p>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.</p>												
433.5	441.0	7.5	100	<p><u>SILTSTONE, SANDSTONE, GRIT AND CONGLOMERATE</u></p> <p>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.</p>												

728035 035

DIAMOND DRILL RECORD

HOLE NUMBER : 8947 A

LOGGED BY : LDB

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL	% Cu	% Al	% S	% Pb	% Zn	% Bi	g/t Ag	% WO ₃
441.0	442.7	1.2	71	<u>VEIN</u> Leached buff carbonate - faxinite 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.	VN	441.0	442.0	<0.01	<0.01	0.01	<0.1	0.6	0.14	0.53	0.005	2	<0.01
							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	<u>CONGLOMERATE, minor GRIT</u> 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	<u>VEIN</u> 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.	VN												
448.2	451.5	2.4	73	<u>GRIT AND CONGLOMERATE</u> 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 (fargillised, 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.													

728036 036

DIAMOND DRILL RECORD

HOLE NUMBER : B 947 A
 LOGGED BY : LID

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn												
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃	
451.5	466.8	13.5	74	SILTSTONE, GRIT, SULPHIDE	GP7	452.2	453.6	1.61	0.03	2.20	10.0	12.9	0.20	0.90	0.080	30	<0.01	
				Interbedded fine grained quartzose grit and fine grained yellow-brown siltstone in units from 2-15m thick, locally strongly brecciated and contorted.			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	
				Sulphides occur throughout, generally as thin stringers and veins but are massive between 452.2 and 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 carbonate + sphalerite and galena in veins, and very fine pyrite disseminations in the adjacent rocks, and infilling fine fractures.			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	0.005	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	
				In areas of abundant arsenopyrite mineralization, the adjacent and include rock appears strongly chloritised. High core loss 461.4-463.5m. (core tube mismatched; 0.3m (14% recovered).			466.8	0.14	0.02	0.32	0.4	12.7	0.01	0.26	0.013	5	0.01	
				Lower contact zone sulphide-rich (pyrite, minor arsenopyrite) and slightly leached and pitted, obscured and locally brecciated diffuse basal contact.														
466.8	504.5	30.3	30	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) zones. 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 - xylonite 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 oryrite occur as encrustations and smears on joints and fractures. The abundance of these veinlets decreases with depth and carbonate veinlets and stringers appear instead. E.C.A. where evident is about 90°, but locally decreases to 60°.														

28037 037

DIAMOND DRILL RECORD

HOLE NUMBER : 8947A

LOGGED BY : LDB

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	
504.5	574.2	69.7		<p>SILTSTONE</p> <p>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).</p> <p>Sparse veinlets and joint-encrusting sphalerite, galena and pyrite occur occasionally, but less frequently with increasing depth. B.C.A. 90 - 50 - 90.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Lower contact is sharp, but irregular. B.C.A. decreases from 90° down to 70° towards the base of the unit.</p>	Hodge Slate													
						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	627.7	53.3	100	<p>CONGLOMERATE</p> <p>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</p>	Red Lead Congl.	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	

728038 03R

DIAMOND DRILL RECORD

HOLE NUMBER :

LOGGED BY :

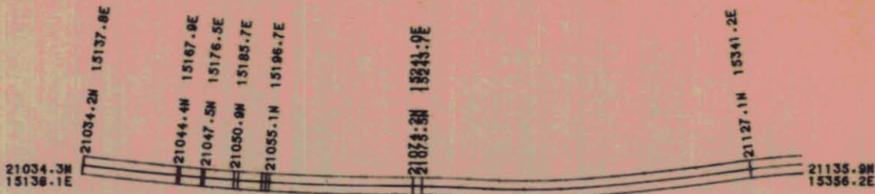
INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₂
372.1	406.8	34.7	100	ALTERED CONGLOMERATE. Thoroughly actinolitised coarse grained poorly sorted, matrix rich (±55% matrix) conglomerate containing subangular to well rounded fragments up to 5cm. across. Minor finer grained matrix-poor conglomerate bands occur sporadically (fragments <15mm) and these appear to be less strongly altered. Rocks are locally strongly calcareous. Clasts are either totally actinolitised or replaced by axinite; larger axinitised fragments have a coarsely crystalline white to green-yellow carbonate centre. From about 398m patches of dark grey-brown phlogopitisation occur; these being up to 20cm across. Between 403.8 and 406.8m, the dominant alteration appears to be black chlorite? and/or fine grained black tourmaline?, with axinitised clasts. Basal contact sharp. -60° to C.A.	R.L.C.												
						372.1	373.1	0.03	0.01	0.42	<0.1	1.1	<0.01	0.05	0.002	6	<0.01
							374.1	0.02	<0.01	0.04	<0.1	<0.1	<0.01	0.03	0.001	2	0.04
							375.1	0.02	<0.01	0.28	<0.1	0.4	<0.01	0.03	0.001	5	<0.01
							376.1	<0.01	<0.01	0.03	<0.1	<0.1	<0.01	0.02	0.002	2	<0.01
							377.1	0.02	0.02	0.02	<0.1	<0.1	<0.01	0.02	0.003	2	<0.01
							378.1	0.02	0.02	0.03	<0.1	<0.1	<0.01	0.02	0.003	2	<0.01
							379.1	0.01	0.01	0.02	<0.1	<0.1	<0.01	0.02	0.002	2	<0.01
							380.1	<0.01	<0.01	0.01	<0.1	<0.1	<0.01	0.02	0.002	1	0.01
							381.1	0.01	0.02	0.02	<0.1	<0.1	<0.01	0.02	0.004	2	<0.01
							382.1	0.04	0.03	0.23	<0.1	0.3	<0.01	0.03	0.003	5	<0.01
							383.1	0.01	0.01	0.03	<0.1	<0.1	<0.01	0.02	0.003	2	<0.01
							384.1	0.03	0.02	0.08	<0.1	0.1	<0.01	0.02	0.005	3	<0.01
							385.1	0.02	0.01	0.03	<0.1	<0.1	<0.01	0.02	0.003	1	0.01
							386.1	0.04	0.02	0.08	<0.1	0.2	<0.01	0.03	0.003	2	0.01
							387.1	0.03	0.02	0.02	<0.1	<0.1	<0.01	0.02	0.004	2	<0.01
							388.1	0.03	0.03	0.02	<0.1	<0.1	<0.01	0.02	0.002	2	<0.01
							389.1	0.02	0.02	0.01	<0.1	<0.1	<0.01	0.02	0.001	1	<0.01
							390.1	0.04	0.03	0.01	<0.1	<0.1	<0.01	0.02	0.003	2	0.01
							391.1	0.03	0.03	<0.01	<0.1	<0.1	<0.01	0.02	0.002	1	<0.01
							392.1	0.03	0.03	<0.01	<0.1	<0.1	<0.01	0.02	0.003	2	0.01
							393.1	0.03	0.03	0.01	<0.1	<0.1	<0.01	0.02	0.003	2	0.01
							394.1	0.03	0.02	<0.01	<0.1	<0.1	<0.01	0.02	0.002	2	0.01
							395.1	0.03	0.02	<0.01	<0.1	<0.1	<0.01	0.02	0.003	2	0.01
							396.1	0.03	0.03	0.01	<0.1	0.4	<0.01	0.02	0.003	2	0.01
							397.1	0.04	0.02	0.02	<0.1	1.0	<0.01	0.02	0.004	2	0.01
							398.1	0.02	0.02	<0.01	<0.1	0.1	<0.01	0.02	0.004	2	<0.01
							399.1	<0.01	0.01	<0.01	<0.1	<0.1	<0.01	0.02	0.002	2	<0.01
							400.1	0.07	0.02	0.02	<0.1	1.1	<0.01	0.02	0.003	2	0.01
							401.1	0.12	0.02	0.05	<0.1	2.2	<0.01	0.03	0.004	2	<0.01
							402.1	0.11	0.02	0.03	<0.1	1.6	<0.01	0.02	0.005	2	0.01
							403.1	0.01	0.02	0.02	<0.1	0.4	<0.01	0.02	0.003	2	<0.01
							404.1	0.06	0.02	0.01	<0.1	0.8	<0.01	0.02	0.003	2	<0.01
							405.1	0.08	0.02	0.04	<0.1	1.7	<0.01	0.02	0.002	3	0.01

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HOLE NO. : S1008

RENISON LIMITED
DIAMOND DRILL HOLE PLOT

PLAN



2154.5

1878.8
1871.4

1753.9
1748.4

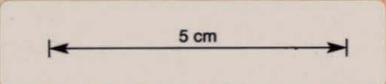
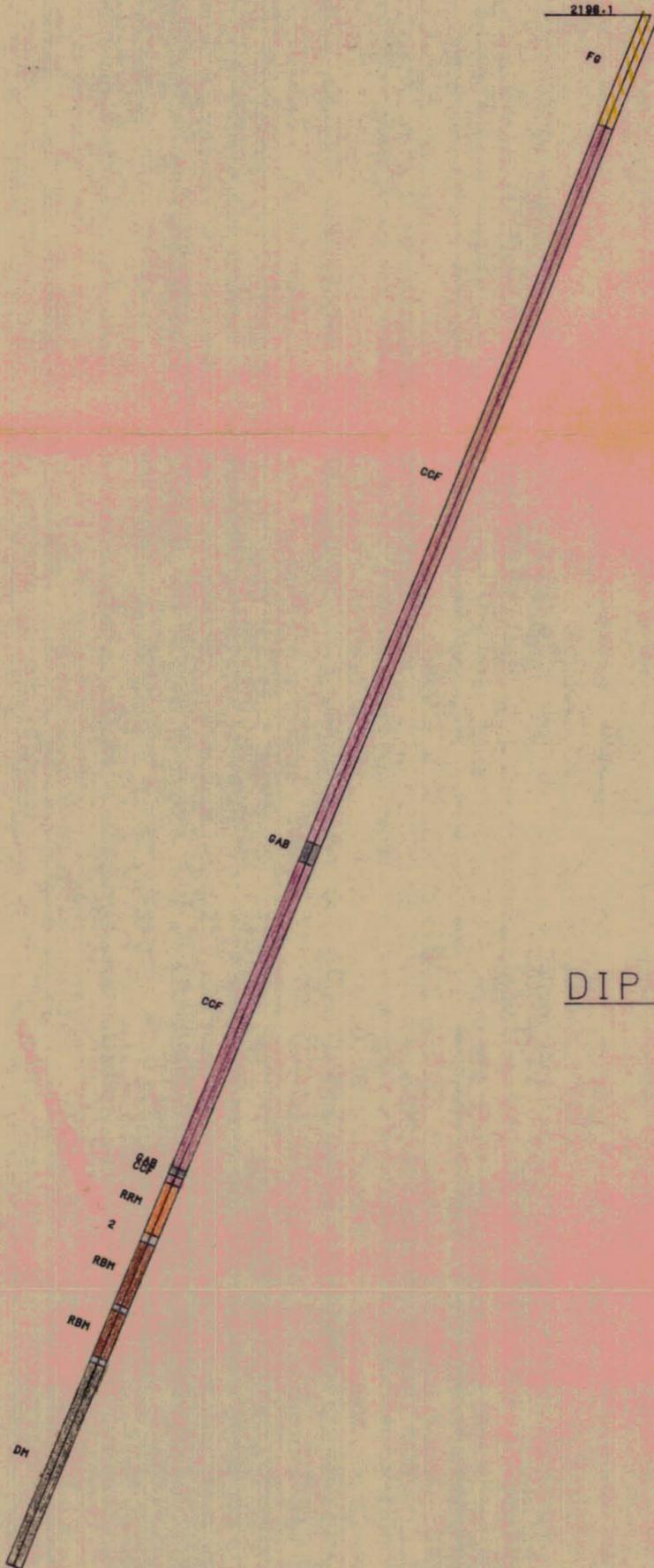
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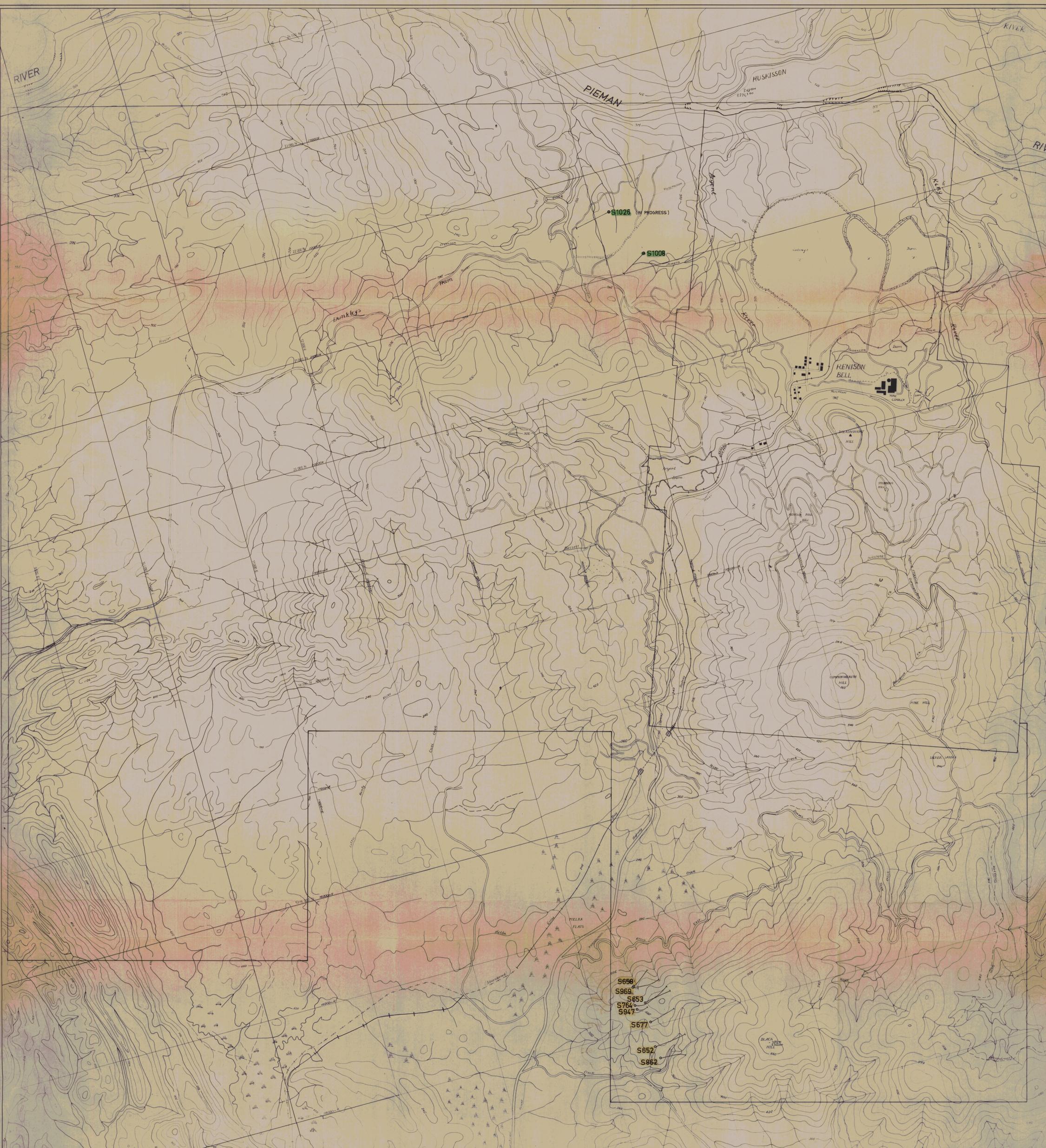
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DIP PROFILE





RENISON LIMITED

DRILL HOLE LOCALITY PLAN
FOR QUARTERLY REPORT TO 23'8'82

728043

GEOLOGIST :	SCALE 1:1000 METRES
DRAUGHTSMAN :	DATE
REVISIONS	DRAWING No.

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