RENISON LIMITED
DRILL CORE RECORD
HOLE NO. S966

LOCATION	: ARGENT AREA.	LENGTH	: 547.10 m.
PURPOSE	: TO TEST MINE SEQUENCE	DATE COMMENCED	: 11/03/82
COLLAR RL	: 2367.76 m.	DATE COMPLETED	: 24/03/82
NORTHING	: 18280.35 m.	LOGGED BY	: P. STEPHENSON
EASTING	: 13443.11 m.	WATER LEVEL	:

HOLE SIZE

FROM	TO	SIZE
0.00	70.00	NQ
70.00	547.10	BQ

SIGNIFICANT CORE LOSS ZONES

FROM	TO	% LOSS

ORE ZONE GROUND CONDITIONS

ZONE	MECHANICAL STATE	HANGING WALL

S966 WAS DESIGNED TO TEST GEOPHYSICAL AND GEOCHEMICAL ANOMOLIES, AND TO TEST FOR MINERALISATION WITHIN THE RENISON MINE SEQUENCE. THE HOLE COLLARED IN CRIMSON CREEK FORMATION, PASSED THROUGH A FAULT BETWEEN 416.5M AND APPROX. 442.3M, WHICH CUT OUT THE RENISON MINE SEQUENCE, AND WAS COMPLETED IN DALCOATH MEMBER. THE LOWER 70M OF THE CCF CONTAINED COMMON PYRITE FRAGMENTS. THE TOP 3M OF THE FAULT CONTAINED STRONG SULPHIDE (ARSENOPYRITE, PYRITE, ?MARCASITE) MINERALISATION - ?TIN. RED BROWN SILTSTONES IN DALCOATH MEMBER.

ASSAY DATA SUMMARY

STRAT	FROM (M)	TO (M)	LENGTH (M)	Sn (%)	ANL Sn (%)	SOL Sn (%)	Cu (%)	Pb (%)	Zn (%)	Ag (G/T)	Bi (%)	As (%)	WO3 (%)	S (%)	Sb (%)
CCFF?	416.50	419.50	3.00	<0.01		0.01	0.03	0.01	0.01	5.	0.009	2.48	<0.01	4.27	

SURVEY DATA

SURVEY DEPTH (M)	BEARING (DEG)	GRID TYPE	DIP (DEG)	DIP TYPE	REMARKS
0.00		MINE	-90.00		
77.00	286.00	MINE	-86.25		
125.00	288.00	MINE	-84.75		
185.00	305.00	MINE	-83.75		
245.00	285.00	MINE	-78.75		
305.00	283.00	MINE	-73.75		
365.00	282.00	MINE	-71.75		
425.00	285.00	MINE	-71.00		
485.00	287.00	MINE	-69.00		
545.00	293.00	MINE	-66.00		

FLAG DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
29.00	3.00	10.3	TUFF AND SILTSTONE	TUFF: yellow - brown, very broken. SILTSTONE: yellow - brown, very broken, B.C.A.= 65 degrees, extremely broken core. Only rubble plus a few pieces of core recovered. MINERALISATION: abundant iron oxides on joints, with rock: soft, friable.	CCF
59.20	20.10	66.6	TUFF AND SILTSTONE	TUFF: brown - grey, fine grained. SILTSTONE: brown - grey interbedded, B.C.A.= 60 degrees, with rock: leached, fractured, broken. MINERALISATION: common iron oxides on joints, minor calcite veinlets.	CCF
92.20	33.00	100.0	TUFF AND SILTSTONE	TUFF: purple - brown, fine to medium grained. SILTSTONE: purple - brown, with firm, unbroken, banded, B.C.A.= 60 degrees with microfaulting, cross beddins, minor. MINERALISATION: abundant calcite, minor quartz, tremolite veins.	CCF
151.00	58.80	100.0	TUFF AND SILTSTONE	TUFF (70%): grey - brownish grey, fine to medium grained. SILTSTONE (30%): brown - grey, cross bedding, minor B.C.A.= 40 degrees. MINERALISATION: common calcite veins veinlets, minor calcite, actinolite veins, up to 5cm thick.	CCF
189.30	38.30	100.0	TUFF	TUFF: grey - greenish grey, fine to medium grained, massive, poorly bedded, B.C.A.= 40 degrees, very minor siltstones. MINERALISATION: common calcite veins veinlets, trace pyrite in fractures.	CCF
189.40	0.10	100.0	?FAULT	?FAULT. MINERALISATION: abundant calcite, common siderite, minor actinolite, trace pyrite, forming a vein with a core angle of 40 deg. Lithology change occurs below this vein which may therefore be a fault.	F?
228.00	38.60	100.0	TUFF AND SILTSTONE	TUFF (60%): light grey - creamy grey, fine to medium grained. SILTSTONE (40%): light grey - dark grey, with banded, B.C.A.= 45 degrees. MINERALISATION: common locally abundant calcite veins.	CCF
250.30	22.30	100.0	TUFF AND SILTSTONE	TUFF: reddish brown - greenish grey, banded. SILTSTONE: reddish brown - greenish grey, banded interbedded, B.C.A.= 45	CCF

FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
					degrees, with cross beddings common. MINERALISATION: abundant calcite veins veinlets, trace rhodochrosite veins, trace pyrite in fractures, slightly broken core.	
	307.10	56.80	100.0	SILTSTONE AND TUFF	SILTSTONE: light grey - dark grey, banded, B.C.A.= 50 degrees. TUFF: light grey - greenish grey, fine to coarse grained increasing abundance towards end of unit becoming coarser towards the end of the unit. MINERALISATION: common calcite, trace pyrite veins veinlets, with tectonic breccia: abundant calcite infillings, between 274 and 275m. Does not appear to be a fault.	CCF
	343.20	36.10	100.0	CARBONACEOUS SILTSTONE AND SILTSTONE	CARBONACEOUS SILTSTONE (85%): black. SILTSTONE (15%): light grey, calcareous, with contorted beddings, slumped beddings, with fragmented beddings. MINERALISATION: common calcite, quartz veins, common siderite veins, trace pyrite.	CCF
	416.50	73.30	100.0	TUFF, CARBONACEOUS SILTSTONE, SILTSTONE AND SILTSTONE	TUFF (40%): light grey, sandy, banded, B.C.A.= 25 degrees. CARBONACEOUS SILTSTONE (30%): black. SILTSTONE (20%): dark grey. SILTSTONE (10%): light grey, calcareous, with contorted beddings, slumped beddings, with fine beddings. MINERALISATION: common pyrite clasts lenses, and bands, possibly replacing fragmented calcareous siltstones, although it may predate the fragmenting (?sedimentary) minor calcite, quartz veins, with broken near base of unit	CCF
	419.50	2.80	93.3	CARBONATE AND SULPHIDE	CARBONATE: yellow, coarse grained, siderite. SULPHIDE. MINERALISATION: abundant arsenopyrite, marcasite near top of unit, common pyrite near middle of unit decreasing abundance towards end of unit, the arsenopyrite is very fine. This zone appears to be coeval sulphide - siderite veining, not sulphides replacing a carbonate. Possibly a fault.	CCFF?
	425.80	6.30	100.0	SILTSTONE, TUFF AND SILTSTONE	SILTSTONE (50%): light greenish grey, cherty, contorted beddings, disturbed and disrupted beddings. TUFF (20%): dark greenish grey, fine grained. SILTSTONE (30%): black, carbonaceous, disturbed and disrupted beddings.	CCFF?

FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
					MINERALISATION: common quartz, siderite, minor pyrite veins, contorted and disturbed sequence. Mixture of ccf and dm.	
	437.30	11.50	100.0	SANDSTONE, SILTSTONE AND SILTSTONE	SANDSTONE: dark grey - light grey, banded, contorted beddins, B.C.A.= 50 degrees. SILTSTONE: light grey - dark grey, banded, contorted beddins. SILTSTONE: black, carbonaceous, contorted beddins. MINERALISATION: common quartz, siderite, minor pyrite veins.	DM
	442.30	5.00	100.0	SILTSTONE, CARBONACEOUS SILTSTONE AND SILTSTONE	SILTSTONE (45%): light greenish grey, cherty, contorted beddins, disturbed and disrupted beddins. CARBONACEOUS SILTSTONE (15%): black, contorted beddins. SILTSTONE (40%): light grey, bleached, with leached, broken, in places. MINERALISATION: common quartz veins, common quartz, siderite veins veinlets.	DMF?
	446.00	3.70	100.0	QUARTZITE	QUARTZITE: light grey - dark grey, gritty, hard, banded, B.C.A.= 70 degrees. MINERALISATION: minor quartz, and, siderite veins veinlets.	DM
	473.80	27.80	100.0	QUARTZITE AND SILTSTONE	QUARTZITE (50%): light grey, hard. SILTSTONE (50%): light grey, banded, microfaultins, B.C.A.= 75 degrees, with gritty bands. MINERALISATION: minor quartz, siderite veins, trace fluorite, trace pyrite.	DM
	483.80	10.00	100.0	SANDSTONE, QUARTZITE AND SILTSTONE	SANDSTONE (30%): purple - brown, siliceous, hard. QUARTZITE (35%): light grey, hard. SILTSTONE (35%): light grey, banded, B.C.A.= 75 degrees. MINERALISATION: minor quartz, and, siderite veins, common sphalerite, in carbonate veinlet at 482.2metres.	DM
	487.40	3.60	100.0	QUARTZITE	QUARTZITE: dark grey, gritty, hard, firm, unbroken. MINERALISATION: common quartz, and, carbonate veins, trace sphalerite.	DM
	506.00	18.60	100.0	QUARTZITE AND	QUARTZITE (50%): light grey - dark grey.	DM

FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
				SILTSTONE	SILTSTONE (50%): light grey, banded, B.C.A.= 70 degrees. MINERALISATION: common quartz, siderite veins infilling breccia, trace pyrite, sphalerite.	
	522.00	16.00	100.0	QUARTZITE	QUARTZITE: dark grey, gritty, carbonaceous, hard, B.C.A.= 70 degrees, minor remnant siltstone 'rafts'. MINERALISATION: minor quartz, siderite veins.	DM
	547.10	25.10	100.0	SILTSTONE AND QUARTZITE	SILTSTONE (75%): light grey, poorly bedded. QUARTZITE (25%): light grey - dark grey, poorly bedded, B.C.A.= 70 degrees MINERALISATION: minor quartz, siderite veins, trace chlorite, note: complete lack of tourmalinisation surrounding quartz veins in this hole.	DM

END OF HOLE at 547.10m.

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STRAT	FROM (M)	TO (M)	Cutoff	Sn (%)	ANL Sn (%)	SOL Sn (%)	Cu (%)	Pb (%)	Zn (%)	Ag (G/T)	Bi (%)	As (%)	WO3 (%)	S (%)	Sb (%)
CCF	414.50	415.50		0.01		<0.01	0.01	0.02	0.05	2.	0.002	<0.10	<0.01	0.40	
CCF		416.50		0.02		<0.01	0.01	<0.01	0.02	2.	0.001	<0.10	<0.01	1.10	
CCFF?		417.50	0	<0.01		0.01	0.03	0.03	0.03	8.	0.008	6.20	0.02	6.20	
CCFF?		418.50	0	<0.01		0.01	0.02	<0.01	<0.01	4.	0.009	1.20	<0.01	2.70	
CCFF?		419.50	0	<0.01		0.01	0.03	<0.01	<0.01	4.	0.010	<0.10	<0.01	3.90	
CCFF?		420.50		0.01		0.01	0.01	<0.01	<0.01	2.	0.005	<0.10	<0.01	0.30	
CCFF?		421.50		0.01		<0.01	0.01	<0.01	<0.01	2.	0.003	<0.10	<0.01	0.80	
CCFF?		422.50		0.01		<0.01	0.03	<0.01	0.01	2.	0.004	<0.10	<0.01	0.10	
CCFF?		423.50		0.01		<0.01	0.02	<0.01	<0.01	2.	0.003	<0.10	<0.01	0.20	
CCFF?		424.50		0.01		<0.01	0.02	<0.01	<0.01	2.	0.002	<0.10	<0.01	0.60	
CCFF?		425.50		0.01		<0.01	0.01	<0.01	<0.01	2.	0.003	<0.10	<0.01	0.40	
DM		426.50		0.01		<0.01	0.02	<0.01	<0.01	1.	0.003	<0.10	<0.01	0.40	
DM		427.50		0.02		<0.01	0.02	<0.01	<0.01	1.	0.003	<0.10	<0.01	1.30	
DM		428.50		0.02		<0.01	0.01	<0.01	<0.01	1.	0.002	<0.10	<0.01	0.40	