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 \* RENISON LIMITED \*  
 \* DRILL CORE RECORD \*  
 \* HOLE NO. S835 \*  
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LOCATION : ARGENT AREA  
 PURPOSE : TO TEST MINE SEQUENCE  
 COLLAR RL : 2423.44 M.  
 NORTHING : 20151.48 M.  
 EASTING : 13200.88 M.

LENGTH : 338.90 M.  
 DATE COMMENCED : 09/04/81  
 DATE COMPLETED : 20/05/81  
 LOGGED BY : P. STEPHENSON  
 WATER LEVEL :

HOLE SIZE  
 FROM TO SIZE

SIGNIFICANT CORE LOSS ZONES  
 FROM TO % LOSS  
 0.00 89.30 53

ORE ZONE GROUND CONDITIONS

ZONE  
 NO.2 HORIZON

MECHANICAL STATE  
 CORE LOSS

HANGING WALL

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 SERVICES PTY. LIMITED

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COLLARED IN RRM - VERY BROKEN SILTSTONES AND TUFFS WITH VERY MINOR RED  
 CHERTS. GROUND CONDITIONS CAUSED CONSIDERABLE DRILLING DIFFICULTIES.  
 NO.2 HORIZON - 4M OF (?CARBONATE) GOSSAN, BUT ONLY 0.05M RECOVERED.  
 RRM APPROX. 85M THICK - LITHOLOGY AS IN MINE AREA. PEBBLE BEDS  
 REPRESENTED BY MINOR GRITTY BANDS.  
 NO. 3 HORIZON - THICK DIVIDED DOLOMITE, NO. 3 UPPER (19M THICK) AND NO. 3  
 LOWER (12M THICK) SEPARATED BY 27M OF SILTSTONE. BOTH DOLOMITES  
 UNMINERALIZED ALTHOUGH VERY MINOR RECRYSTALLISED DOLOMITE IN THE NO. 3  
 UPPER.

ASSAY DATA SUMMARY

STRAT	FROM (M)	TO (M)	LENGTH (M)	Sn (%)	ANL Sn (%)	SOL Sn (%)	Cu (%)	Pb (%)	Zn (%)	As (G/T)	Bi (%)	As (%)	W03 (%)	S (%)	Sb (%)
260	83.70	88.30	4.60	0.00		0.00	0.11	0.00	0.01	1.	0.010	0.05	0.02	0.05	

SURVEY DATA

SURVEY DEPTH (M)	BEARING (DEG)	GRID TYPE	DIP (DEG)	DIP TYPE	DEPTH TO (M)	DISTANCE (M)
0.00	240.50	MINE	-80.15		49.80	49.80
99.60	221.00	MINE	-78.25		124.80	75.00
150.00	243.00	MINE	-78.00		175.00	50.20
200.00	247.00	MINE	-78.75		234.00	59.00
268.00	252.00	MINE	-78.75		284.00	50.00
300.00	254.00	MINE	-78.00		319.45	35.45
338.90	260.00	MINE	-78.00		338.90	19.45

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FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
	6.50	1.90	29.2	CLAYSTONE	CLAYSTONE: RED, SOFT, VERY BROKEN PATCHES, AND VERY POOR RECOVERY.	RRM
	8.40	0.12	6.3	AGGLOMERATE	AGGLOMERATE: PURPLE, CLAYEY, SOFT, BROKEN, POOR RECOVERY. SILTSTONE FRAGMENTS: GREEN - BUFF.	RRM
	16.00	4.70	61.8	TUFF	TUFF: GREEN - BROWN, FINE GRAINED, CLAYEY, OXIDISED, SOFT, MODERATELY FRACTURED.  MINERALIZATION: CHLORITE, QUARTZ, FELDSPAR IN FRACTURES. ROCK: BROKEN, WITH POOR RECOVERY.	RRM
	23.80	6.50	83.3	SILTSTONE	SILTSTONE: LIGHT GREEN - LIGHT GREY, CONTORTED BEDDING, FRAGMENTED BEDDING BANDS INTERMIXED, B.C.A.= 50 DEGREES, ROCK: BROKEN, FRACTURED, COMMON CHLORITE IN FRACTURES, MINOR PURPLE PATCHES.	RRM
	30.00	3.20	51.6	SILTSTONE	SILTSTONE: BLACK, FRACTURED, CONTORTED BEDDING, FRAGMENTED BEDDING, B.C.A.= 45 DEGREES, SHARP BASE, AT 26.0M - 6X3CM ROUNDED "BOMB" OF SOFT VESICULAR VOLCANIC ROCK,  MINERALIZATION: TRACE SULPHIDES REPLACING FRAGMENTS.	RRM
	39.00	5.00	55.6	SILTSTONE	SILTSTONE: ORANGE, BANDED, VERY BROKEN, B.C.A.= 45 DEGREES, WITH POOR RECOVERY.  MINERALIZATION: ABUNDANT IRON OXIDES IN FRACTURES ON JOINTS.	RRM
	83.70	19.60	43.8	TUFF AND SILTSTONE	TUFF: PURPLE, FINE GRAINED, MASSIVE, SOFT. SILTSTONE: PURPLE, SLIGHTLY WEATHERED. ROCK: BANDED NEAR BASE OF UNIT, B.C.A.= 60 DEGREES, ROCK: BROKEN THROUGHOUT, WITH VERY POOR RECOVERY. CHERT: RED BANDS NEAR BASE OF UNIT.  MINERALIZATION: ABUNDANT IRON OXIDES IN FRACTURES, QUARTZ, IRON OXIDES VEINS, BETWEEN 70.0 AND 81.5M. THESE WERE REPEATEDLY WASHED TO THE BOTTOM OF THE HOLE AND CAUSED SUBSTANTIAL DRILLING PROBLEMS.	RRM
	88.30	0.05	1.1	GOSSAN	GOSSAN: QUARTZOSE, HARD, VUGHY, VIRTUALLY NO RECOVERY.	260
	105.70	17.40		SILTSTONE	SILTSTONE: LIGHT GREY, WELL BEDDED, B.C.A.= 60 DEGREES, WEAKLY CALCAREOUS.	RRM

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AC-SER-PARADISE-PAKED Ref. No. 11118/BS

FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
					ROCK: VERY BROKEN NEAR TOP OF UNIT.	
					MINERALIZATION: MINOR QUARTZ, CALCITE VEINS, MINOR RHODOCHROSITE.	
	112.60	6.90		SILTSTONE	SILTSTONE: DARK GREY, BEDDED, B.C.A.= 65 DEGREES.	RBM
					MINERALIZATION: MINOR DOLOMITE VEINS, MINOR PYRITE PARALLEL TO BEDDING.	
	119.50	6.90		DOLOMITE AND SILTSTONE	DOLOMITE (60%): LIGHT GREY, FINE GRAINED, SILTY, STYLOLITIC. SILTSTONE INTERMIXED (40%): DARK GREY, BEDDED, B.C.A.= 60 DEGREES. ROCK: BROKEN, DISTURBED AND DISRUPTED BEDDING.	RB2
					MINERALIZATION: DOLOMITE VEINS, SPARSE PYRITE PARALLEL TO BEDDING, IN THE SILTSTONE ONLY.	
	166.50	47.00		SILTSTONE AND QUARTZITE	SILTSTONE: LIGHT GREY - DARK GREY, WELL BEDDED, CONTORTED BEDDING, MINOR B.C.A.= 45 DEGREES. QUARTZITE: LIGHT GREY, SILTY, MINOR.	RBM
					MINERALIZATION: COMMON DOLOMITE VEINS, SPARSE PYRITE PARALLEL TO BEDDING	
	172.00	5.50		QUARTZITE	QUARTZITE: LIGHT GREY, EXTREMELY HARD, BEDDED, CONTORTED BEDDING, B.C.A.= 60 DEGREES. SILTSTONE: DARK GREY, ABUNDANT LAMINAE.	RBM
					MINERALIZATION: COMMON QUARTZ, DOLOMITE VEINS.	
	189.90	17.90		QUARTZITE AND SILTSTONE	QUARTZITE (50%): LIGHT GREY, HARD, WELL BEDDED, SILTSTONE INTERBEDDED (50%): DARK GREY, WELL BEDDED. ROCK: CONTORTED BEDDING, CROSS BEDDING, MINOR B.C.A.= 45 DEGREES.	RBM
					MINERALIZATION: MINOR DOLOMITE VEINS, SPARSE PYRITE PARALLEL TO BEDDING.	
	198.10	8.20		SILTSTONE	SILTSTONE: LIGHT GREY, FINE GRAINED, DOLOMITIC, HARD, B.C.A.= 40 DEGREES MINOR THIN GRITTY BANDS FRAGMENTS COMMONLY REPLACED (?) BY PYRITE,	RBM
	223.40	25.30		DOLOMITE	DOLOMITE: LIGHT GREY, FINE TO MEDIUM GRAINED, STYLOLITIC, B.C.A.= 50 DEGREES. ROCK: ALTERED PATCHES, DOLOMITE: YELLOW, CRYSTALLINE, BETWEEN 220.0 AND 221.0M (NO SULPHIDES).	300

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FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
					MINERALIZATION: COMMON DOLOMITE VEINS, TRACE SULPHIDES IN STYLOLITES.	
	228.00	3.60	78.3	SILTSTONE	SILTSTONE: BLACK, SHEARED, BROKEN, BANDED, B.C.A. = 60 DEGREES.	DM
					MINERALIZATION: COMMON QUARTZ VEINS PATCHES, COMMON PYRITE PARALLEL TO BEDDING.	
	258.10	30.10		SILTSTONE AND SILTSTONE	SILTSTONE (80%); LIGHT GREY, CALCAREOUS, BANDED. SILTSTONE (20%); DARK GREY, BANDED, B.C.A. = 45 DEGREES.	DM
					MINERALIZATION: ABUNDANT QUARTZ, DOLOMITE VEINS, SPARSE PYRITE PARALLEL TO BEDDING, IN THE DARK GREY SILTSTONES.	
	273.40	15.30		DOLOMITE	DOLOMITE: LIGHT GREY, FINE GRAINED, STYLOLITIC.	3D0
					MINERALIZATION: MINOR QUARTZ, DOLOMITE VEINS, COMMON NEAR BASE OF UNIT. ROCK: BROKEN, IN PLACES.	
	286.30	12.90		SILTSTONE	SILTSTONE: LIGHT GREY - GREY, BANDED, B.C.A. = 50 DEGREES, WEAKLY CALCAREOUS. TUFF: LIGHT GREEN, SPARSE LAMINAE.	DM
					MINERALIZATION: MINOR PYRITE BLEBS, AND.	
					MINERALIZATION: PARALLEL TO BEDDING, SPARSE QUARTZ VEINS.	
	286.40	0.10		QUARTZ	QUARTZ: DISTURBED AND DISRUPTED BEDDING, QUARTZ VEINS.	F?
	313.50	27.10		SILTSTONE	SILTSTONE: LIGHT GREY - DARK GREY, WELL BEDDED, CROSS BEDDING, MINOR B.C.A. = 75 DEGREES, COMMON JOINTS PARALLEL TO BEDDING.	DM
					MINERALIZATION: SPARSE PYRITE PARALLEL TO BEDDING, MINOR QUARTZ VEINS NEAR TOP OF UNIT.	
	318.20	4.70		QUARTZITE	QUARTZITE: LIGHT GREY, FINE TO MEDIUM GRAINED, HARD, CROSS BEDDING. ROCK: CALCAREOUS NEAR TOP OF UNIT.	DM
					MINERALIZATION: MINOR QUARTZ, DOLOMITE VEINS.	
	326.70	8.50		QUARTZITE AND SILTSTONE	QUARTZITE INTERBEDDED: LIGHT GREY, SILTSTONE: LIGHT GREY - DARK GREY. ROCK: LAMINATED, WELL BEDDED, CROSS BEDDING, B.C.A. = 50 DEGREES.	DM

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RENISON LIMITED

MOORE PARAGON PAPERS Ref. No. 11151215

FLAG	DEPTH	RECOVERED THICKNESS	% REC	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA	STRAT
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MINERALIZATION: SPARSE PYRITE PARALLEL TO BEDDING, MINOR QUARTZ, DOLOMITE VEINS.

338.90 12.20

QUARTZITE AND SILTSTONE

QUARTZITE INTERMIXED; LIGHT GREY, CONTORTED BEDDING, DISTURBED AND DISRUPTED BEDDING.  
SILTSTONE; DARK GREY, CONTORTED BEDDING, DISTURBED AND DISRUPTED BEDDING  
ROCK: SHEARED, BROKEN, IN PLACES.

DM

MINERALIZATION: TRACE PYRITE STRINGERS, SPARSE QUARTZ, DOLOMITE VEINS.

END OF HOLE AT 338.90 M

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STRAT	FROM (M)	TO (M)	CUTOFF	Sn (%)	ANL Sn (%)	SOL Sn (%)	Cu (%)	Pb (%)	Zn (%)	As (G/T)	Bi (%)	As (%)	WO3 (%)	S (%)	Sb (%)
260	83.70	88.30	0	<0.01		<0.01	0.11	<0.01	0.01	<1.	0.010	<0.10	0.02	<0.10	
3XD	220.00	221.00				0.02									

REL NO. 1115 HQ

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