

MINSON LIMITED - DRILL CORE RECORD

098

HOLE NUMBER	ME2	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test for south-east extension of the mineralization intersected in MH1 and to intersect the contact with the ultra-basics	COLLIAR (Survey Dept.)	204° mag	-55°	0 - 1.0	1.0	0.8	185.6	0.6	0.6
		2m	(inside casing)	-55°	1.0 - 17.5	16.5	13.5	172.1	9.5	10.1
		33m	205° mag	-56°	17.5-44.0	26.5	22.0	150.1	14.8	24.9
LOCATION	Merton Hill	55m	(inside casing)	-57°	44.0-62.0	18.0	15.1	135.0	9.8	34.7
		69m	205° mag	-57.5°	62.0-89.5	27.5	23.2	111.8	14.8	49.5
COLLIAR R.L.	2186.42m	110m	205° mag	-58°	89.5-128.5	39.0	33.1	78.7	20.7	70.2
		147.5m	208.5° mag	-57°	128.5-148.5	20.0	16.8	61.9	10.9	81.1
CO-ORDINATES	5379579.87mN; 367782.96mE (Line 1400E; 330mN)									
LENGTH	148.5m									
HOLE SIZE	0 - 3m H.W. 3 - 112m H.Q. 112 - 148.5m N.Q.									
DATE DRILLED	20.11.80 - 15.12.80									
SIGNIFICANT CORE LOSS ZONES	72.05 - 90.75m									
ORE ZONE GROUND CONDITIONS	Mineralized Zone 1 - 77.5-90.75m very bad ground with large cavities Zone 2 - 103.80-108.0 excellent									
LOGGED BY	LINDA MARTIN									
COMMENTS										

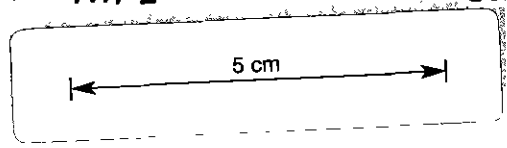
SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.
				Sn. %	Acid Sol. Sn.	Cu. %	As. %	S. %	Pb. %	Zn. %	Bi. ppm	WO ₃ %	Ag g/t	
FAULT ZONE (ZONE 1)	76.5	90.75m	14.25m	<0.01	110	0.05	0.32	4.01	1.82	3.6	15	0.02	67	
MINERALIZED GORDON	99.75	107.4m	7.65m	0.04	115	0.05	<0.1	3.54	0.26	0.42	40	0.005	16	
LIMESTONE (ZONE 2)	99.75	107.4m												

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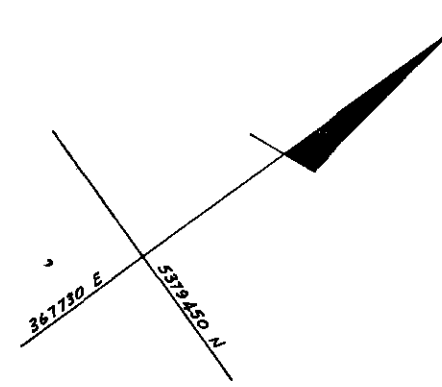
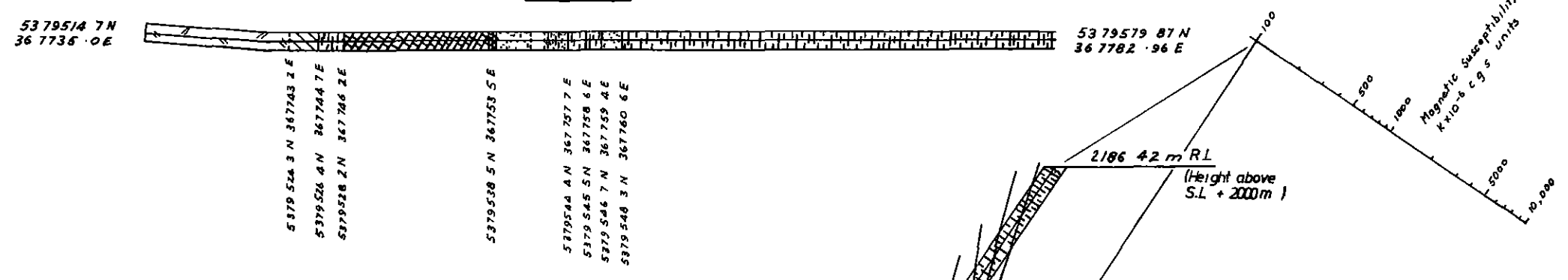
HOLE No **MH 2** SCALE



RENISON LIMITED DIAMOND DRILL HOLE PLOT

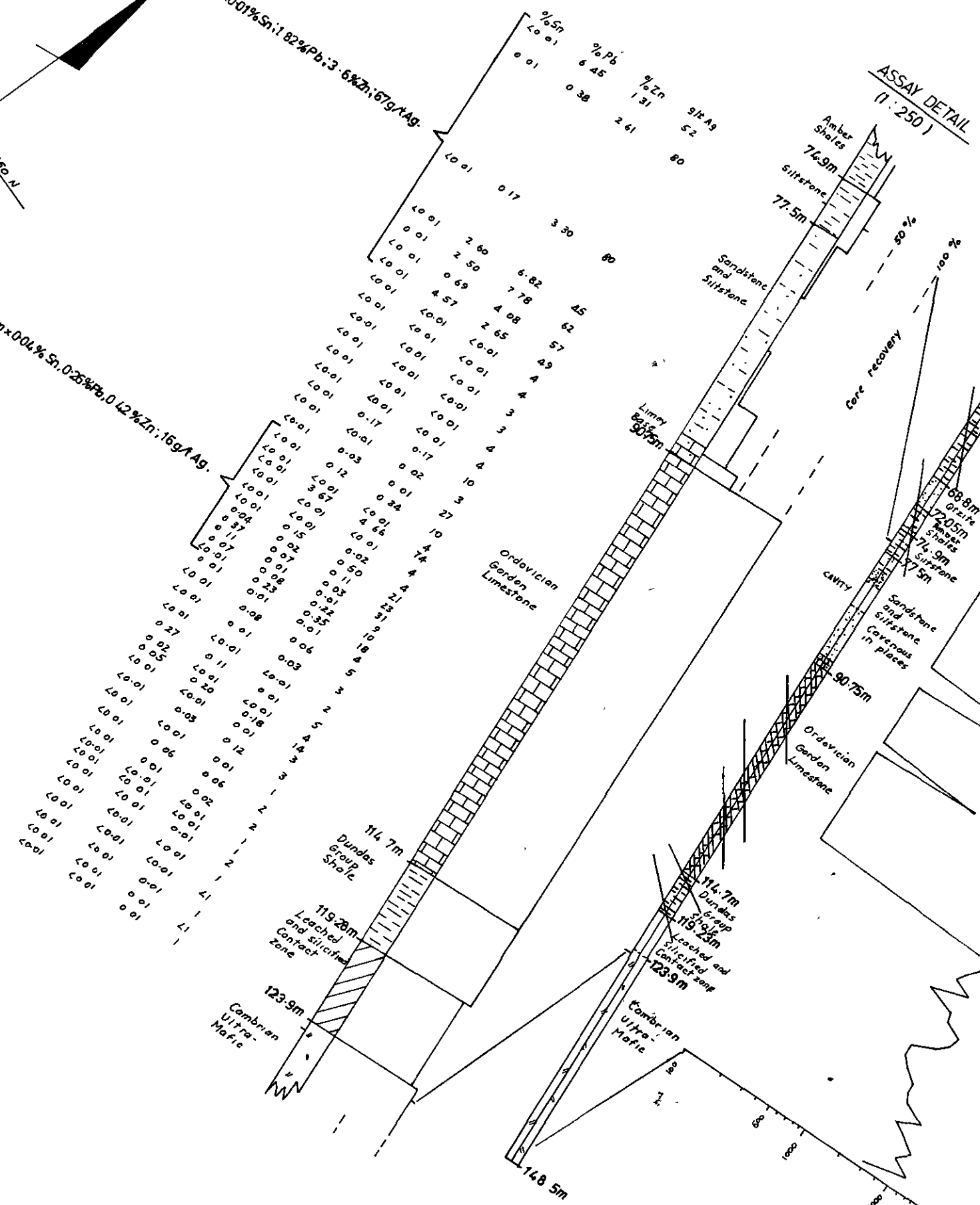
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PLAN



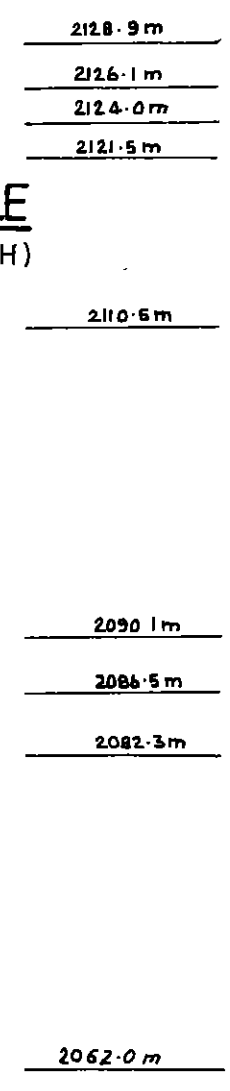
14.25m x (0.01% Sn, 1.82% Pb, 3.68% Zn, 67g Ag)

17.65m x (0.04% Sn, 0.26% Pb, 0.42% Zn, 16g Ag)



2186.42 m R.L.
(Height above S.L. + 2000 m)

DIP PROFILE (LOOKING NORTH)



81-1568
(1 of 2)

DIAMOND DRILL RECORD

HOLE NUMBER : ME2

LOGGED BY : IM

102

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL	% Cu.	% As.	% S.	% Pb.	% Zn.	ppm Bi.	g/t Ag	% WO ₃
				carbonate, particularly replacing fossils, with some spots or pyrrhotite and sphalerite. 107.65 - 107.95m: Cavity lined with carbonate then filled with yellowish carbonate and pyrrhotite.													
108.02	110.05	2.03	100	108.02 - 110.05m: Fine grained, light grey limestone, with minor stylolites in places and minor sphalerite and/or pyrrhotite along bedding planes or fractures. Bedding at 108.2m is 32°. Gradational boundaries.		108.0	109.0	<0.01	<100	0.03	<0.1	0.4	0.08	0.06	40	5	<0.002
						109.0	110.0	<0.01	<100	0.03	<0.1	0.1	0.01	0.03	30	3	<0.002
110.05	114.70	4.65	100	110.05m - 114.70m: Sedimentary limestone breccia, with some fine grained, medium and dark grey limestone layers, which in places contain fine dark brown grains of chromite (?). The breccia is a chaotic mass of angular to subangular fragments of limestone and fossils, unsorted with fragment sizes ranging from 3cm diam. to clay sized near base of unit, the matrix becomes more siliceous in places. Cream to yellowish carbonate occurs as irregular abundant veins and replaces the matrix of the breccia in places. Minor quartz veins occur throughout, at 20°-30° T.C.A. Mineralization: 111.80m: 0.5 - 3cm wide irregular vein of white carbonate, sphalerite, arsenopyrite, and very minor specks of galena, at 45° 112.05m: Irregular areas of pyrrhotite and minor pyrite in the breccia and some as cavity fill with cream carbonate, between the breccia fragments. 112.84 - 113.18m: Zone of several irregular coarse and numerous fine veinlets of yellowish carbonate with spots and patches of pyrrhotite and minor pyrite, in the vein and as spots in the country rock surrounding the vein. 114.05m: Pegmatite vein with pyrrhotite and sphalerite, 3mm wide at 45° 114.10m: Irregular vein of pyrrhotite, sphalerite and minor carbonate at 45°, 3-4mm wide, with minor spots of sphalerite and pyrrhotite in country rock, between this vein and, the vein at 114.05m.		110.0	111.0	<0.01	<100	0.03	<0.1	<0.1	<0.01	<0.01	30	2	<0.002
						111.0	112.0	0.27	<100	0.03	0.4	0.8	0.11	0.01	30	5	<0.002
						112.0	112.8	0.02	<100	0.03	0.1	0.4	<0.01	<0.01	30	4	<0.002
						112.8	113.18	0.05	50	0.04	<0.1	2.3	0.20	0.18	20	14	0.01
						113.18	114.0	<0.01	<100	0.03	<0.1	0.3	<0.01	0.01	30	3	<0.002
114.7	119.23	4.53	100	SHALE Fine grained, light grey-green, finely laminated shale with some slightly coarser sandy layers. Flat bedded with very minor soft sediment deformation in form of slightly disrupted bedding and slight folding. Bedding: at 115.4m ... 56°, at 116.95m ... 28°, at 118.70m ... 31°, at 119.10m ... 45°. Some cream coloured thin irregular veins up to 2cm wide occur throughout unit.	DW645 S6002.7	114.0	115.0	<0.01	<100	0.03	<0.1	0.4	0.03	0.12	30	3	<0.002
						115.0	116.0	<0.01	<100	0.03	<0.1	<0.1	<0.01	0.01	20	1	<0.002
						116.0	117.0	<0.01	<100	0.02	<0.1	<0.1	0.06	0.06	20	2	<0.002
						117.0	118.0	<0.01	<100	0.04	<0.1	<0.1	0.01	0.02	20	2	<0.002
						118.0	118.75	<0.01	<100	0.04	<0.1	<0.1	<0.01	<0.01	10	1	<0.002
						118.75	119.23	<0.01	<100	0.02	<0.1	<0.1	<0.01	<0.01	10	1	<0.002

959105

DIAMOND DRILL RECORD

HOLE NUMBER : MH2

LOGGED BY : L.M.

104

NWPS

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM.	%		% Sn.								
				FROM	TO	TOTAL	ACID SOL.	PPM Cr	PPM Ni	PPM Mo	PPM Si	% Fe		
		HCL/KClO ₂ SULPHIDE SELECTIVE LEACH		76.5	78.0			15	20	<10	100	26.9		
		INTERVAL Ni (PPM)		78.0	81.0			15	20	<10	30	38.9		
		119.25 — 120.0m 1260	* CORE LOSS *											
		120.0 — 121.0m NOT EMPH. SAMPLE		84.0	87.0			15	20	<10	40	28.6		
		121.0 — 121.5m 1320		87.0	88.0			30	40	<10	60	9.0		
		121.5 — 122.0m 1160		88.0	89.0			25	30	<10	120	9.9		
		122.0 — 122.5m 800		89.0	90.0			25	30	<10	360	15.0		
		122.5 — 123.0m 750		90.0	90.75			15	30	<10	110	13.4		
		123.0 — 123.5m 1380		90.75	91.75			0.01%	30	<10	80	<1		
		123.5 — 124.0m 1300		91.75	92.75			<0.01%	30	<10	70	<1		
		124.0 — 124.5m 1000		92.75	93.75			0.01%	30	<10	70	<1		
				93.75	94.75			<0.01%	40	<10	70	<1		
				94.75	95.75			<0.01%	40	<10	80	<1		
				95.75	96.75			<0.01%	40	<10	70	<1		
				96.75	97.75			<0.01%	40	<10	70	<1		
				97.75	98.75			0.01%	40	<10	70	<1		
				98.75	99.75			0.01%	40	<10	70	<1		
				99.75	100.75			0.01%	40	<10	80	<1		
				100.75	101.53			0.01%	40	<10	80	<1		
				101.53	101.95			10	40	<10	190	11.7		
				101.95	102.95			0.01%	40	<10	80	<1		
				102.95	103.8			0.01%	40	<10	80	<1		
				103.8	104.1			20	30	10	30	8.9		
				104.1	104.4			10	20	<10	30	20.6		
				104.4	104.7			10	30	<10	30	21.9		
				104.7	105.0			35	20	<10	60	34.6		
				105.0	105.3			20	30	<10	40	29.5		
				105.3	105.6			25	30	<10	300	28.4		
				105.6	105.9			20	30	<10	40	16.0		
				105.9	106.2			25	30	<10	40	9.7		
				106.2	106.5			20	20	<10	50	9.8		
				106.5	106.8			20	40	<10	40	14.7		
				106.8	107.1			20	40	10	40	16.1		
				107.1	107.4			25	30	<10	40	4.8		
				107.4	107.7			30	60	<10	50	8.5		
				107.7	108.0			25	30	<10	30	7.6		
				108.0	109.0			0.01%	40	<10	60	5.6		
				109.0	110.0			0.01%	30	<10	60	6.1		
				110.0	111.0			0.03%	60	<10	80	8.1		
				111.0	112.0			0.03%	70	<10	110	7.3		
				112.0	112.8			0.04%	60	<10	70	7.0		
				112.8	113.18			30	150	<10	80	11.2		
				113.18	114.0			0.20%	110	<10	80	<1		

959110

DIAMOND DRILL RECORD

HOLE NUMBER : M.H.2

LOGGED BY : L. MARTIN

105

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	FROM	TO	FUSION METHOD % C	ACID SOLUBLE					
FROM	TO	m	%						PPM Cr	PPM Ni	PPM Mo	PPM Sb	% Fe	
						114.0	115.0		0.24%	140	<10	60	5.4	
						115.0	116.0		0.03%	170	<10	30	7.5	
						116.0	117.0		0.03%	140	<10	20	7.8	
						117.0	118.0		0.03%	130	<10	20	6.5	
						118.0	118.75		0.03%	160	<10	20	8.1	
						118.75	119.23		0.03%	180	<10	30	7.0	
						119.23	120.0		0.19 NOT ENOUGH SAMPLE	65 PPM	1200	<10	120	3.4
						120.0	121.0		0.19	60 PPM	1340	<10	560	3.7
						121.0	121.5		0.19	65 PPM	1310	<10	220	3.5
						121.5	122.0		0.14	80 PPM	1120	<10	170	3.0
						122.0	122.5		0.09	85 PPM	80	<10	360	2.6
						122.5	123.0		0.07	50 PPM	1420	<10	390	2.2
						123.0	123.5		0.12	50 PPM	670	<10	500	3.8
						123.5	124.0		0.14	60 PPM	1470	<10	300	1.9
						124.0	124.5		0.36	65 PPM	2000	<10	20	2.8

111000

RENISON LIMITED
DIAMOND DRILL HOLE PLOT

SCALE:

HOLE No.: MH 2

PETROLOGICAL DESCRIPTION

REPORT CMS 81/3/48

106

SAMPLE NO.	CLASSIFICATION - COMPOSITION	FABRIC	ACCESSORIES	COMMENTS
88.2m (T.S. 37022)	<u>Dolomitised Calcarenite.</u> Granular dolomite with relict sand-sized quartz, ankeritic carbonate clasts, carbonaceous films. Disseminated to semi-massive sphalerite (colour-zoned).	Faint relict bedding (gritty medium sand). Patchy, discordant sphalerite-dolomite veining.	Minor traces galena, thinly disseminated, extremely fine blades of ?jamesonite.	Primarily an ankeritic (or ankeritised) calcarenite, marked dolomitisation with associated disseminations, aggregates sphalerite.
90.7m	<u>Ankeritic Marble.</u> Granular to sparry ankerite marble with minor relict clastic silt-sized quartz. Irregular zones of dolomite with conspicuous sphalerite, subordinate galena.	Weakly banded, medium-grained marble with irregular to concordant dolomite-sulphide aggregates.	Minor chlorite, ultra-fine carbonaceous matter. Minor trace pyrite, late calcite veinlets.	Similar paragenesis to 88.2m. Sphalerite partly as distinctly zoned crystals (Fe-rich, dark red cores). Pyrite secondary after pyrrhotite.
101.7m (T.S. 37024)	<u>Dolomitic Marble.</u> Granular dolomite-ankerite with irregular replacements, veins siderite, disseminations, films of sphalerite, galena, minor pyrrhotite, spongy arsenopyrite, secondary pyrite.	Relict, poorly diagnostic (recrystallized) fossils, vague medium calcarenitic fabric.	Minor carbonaceous matter. Semi-pervasive late calcite films, disseminations.	Affinities with 88.2, 90.7m. Complex carbonate relationships tend to confirm ankerite-siderite as replacements predating late dolomite - calcite.
103.9m (T.S. 37025)	<u>Fossiliferous Limestone.</u> Fine-grained, fossiliferous calcite marble with irregular replacements, sparry dolomite-ankerite, patchy to semi-pervasive late calcite. Locally conspicuous sphalerite, galena.	Complex. Relict, fossiliferous limestone breccia with at least two phases veining, replacement.	Carbonaceous, ?tuffaceous chloritic calc-pelite interlenses.	Affinities with 88.2, 90.7, 101.7m. Sulphides variously associated with texturally intermediate ankerite and late calcite.
105.0m	<u>Ankeritic Marble.</u> Medium-grained, granular to sparry ankerite marble with minor quartz. Disseminated spongy aggregates pyrrhotite. Late veinlets, irregular replacements, dolomite.	Relatively homogeneous marble. Rare relict fossiliferous features.	Carbonaceous matter. Minor trace sphalerite. No detectable cassiterite.	Very similar paragenesis to 90.7m. Carbonaceous matter, relict fossil features confirm this rock as ankeritised limestone rather than vein material.
105.6m	<u>Ankeritic Marble.</u> Relatively slightly chloritic carbonaceous, siliceous, ankeritic marble with spongy, pyrrhotite-rich, gradational contact with coarse-grained sparry ankerite vein.	Faint relict, sandy clastic fabric in marble (quartz grains, quartzite clasts).	Traces primary and secondary pyrite, minor trace chalcopyrite in pyrrhotite aggregates.	Relatively pale carbonate (dolomite-ankerite). Marble similar to 90.7, 105.0m, but devoid of relict fossils. Ankeritised, slightly sandy impure limestone. Featureless vein.
105.7m	<u>Ankerite Marble/Vein.</u> Medium-grained, slightly chloritic carbonaceous marble. Vein comprising semi-massive, sparry ankerite/disseminated spongy pyrrhotite marginal zones, quartz core.	Faint relict fossiliferous, calcarenitic structures in marble. Mildly stressed.	Minor traces sphalerite (in vein-quartz).	Carbonate of consistent composition throughout, colour-variations reflect distribution of relict carbonaceous matter.
106.4m	<u>Ankeritic Marble/Vein.</u> Fine to medium-grained, weakly carbonaceous ankeritic marble/concordant vein, discordant veinlets, sparry ankerite with disseminated pyrrhotite.	Very faint relict pelitic, fine sandy calcarenitic structures. Extremely rare relict fossils. Incipient stress.	Minor traces primary pyrite, arsenopyrite, siderite in coarser vein. Minor traces quartz in marble.	Near-identical paragenesis to 105.7m; only real contrast in absence of vein-quartz.
106.8m	<u>Ankeritic Breccia.</u> Irregular zones, lenses, medium-grained ankerite with disseminated sphalerite, pyrrhotite, in ankerite-chlorite matrix. Sparse to locally conspicuous galena, minor secondary pyrite.	Poorly sorted, vaguely fossiliferous, calcirudite-like breccia with mildly sheared matrix.	Traces arsenopyrite, quartz.	Detail largely obliterated by alteration, mineralisation, semi-contemporaneous shearing. Evidently a "limestone breccia" with relatively impure (chloritic) matrix.

959112

RENISON LIMITED
DIAMOND DRILL HOLE PLOT

SCALE:

HOLE No.; MH 2 cont.

PETROLOGICAL DESCRIPTION

REPORT CMS 81/3/48

107

<u>SAMPLE NO.</u>	<u>CLASSIFICATION - COMPOSITION</u>	<u>FABRIC</u>	<u>ACCESSORIES</u>	<u>COMMENTS</u>
107.7m	<u>Ankeritic Marble/Vein.</u> Detached zones of fine-grained carbonaceous ankerite marble, ankeritised chloritic calc-pelite. Coarse sparry vein ankerite, siderite core zones with pyrrhotite aggregates.	Essentially a carbonate-healed tectonic breccia. Late stress phase with minor calcite veining.	Minor sphalerite, arsenopyrite, galena, patchy secondary pyrite in siderite-pyrrhotite aggregates.	Typical alteration/mineralisation pattern, but representing a localised concentration of siderite (similarly 106.4m).
112.84m	<u>Ankeritic Calcarenite.</u> Coarse, dolomitised limestone clasts in sandy matrix of quartz, carbonate, abundant clastic chromite, oolites with dolomite matrix. Patchy vein/replacement ankerite.	Poorly sorted, sand-supported sedimentary breccia. Minor late calcite veinlets, vugs.	Minor pyrrhotite in ankerite veins. Carbonaceous matter.	Oolites include carbonate, cherty and argillaceous types, partly nucleated on chromite grains. Relatively weakly ankeritised, mineralised.
112.95 (T.S. 37033)	<u>Ankeritic Marble/Veins.</u> Fine grained ankeritic marble with disseminated relict silt sized quartz, fine grained cassiterite. Sparry ankerite veins with disseminated pyrrhotite.	Mildly fractured, contorted wedges of ankeritised impure limestone between subparallel veins.	Minor carbonaceous matter. Sparse detrital chromite.	Ankeritised, mildly silicified, silty to fine sandy limestone. Cassiterite evenly distributed in host rock as 10-100 u, mean 30-40 u particles comprising approx. 5%.
121.0m (T.S. 37034)	<u>Altered Serpentinite.</u> Quartz and (dolomite-ankerite) carbonate in varying proportions, patchy talc, disseminated coarse relict chromite.	Late, crudely schistose stress overprint on extensively-veined/replaced talc rock.	Minor traces extremely fine-grained ?Ni-sulphide.	General features consistent with a steatitised, subsequently carbonated/silicified and sheared serpentinite.
122.7m	<u>Altered Serpentinite.</u> Fine-grained dolomitic carbonate, subordinate to minor, closely intergrown quartz. Disseminated relict primary chromite.	Vague relict mesh-textures pervaded by carbonate films. Weak phyllitic overprint.	Minor traces extremely fine-grained sulphide (sim. 121.0m). Traces relict antigorite.	Similar paragenesis to 121.0m. but devoid of talc. Sulphide particles more or less evenly disseminated, unrelated (spatially) to chromite.

959113