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ANNUAL REPORT FOR PERIOD 6 APRIL 1996 TO 5 APRIL 1997 ERL 128, HUANDOT MAGNESITE DEPOSIT PINE CREEK AND DARWIN 1:250 000 SHEETS, SD52-8 AND SD52-4

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AUTHOR: S. POWELL

DATE: APRIL 1997

LOCATION MAP:

ABSTRACT

Stage I and Stage II exploration drilling has been completed at the Huandot Magnesite Deposit, on Exploration Retention Licence 128 near Batchelor, N.T.

Stage I comprised 47 RC drillholes totalling 1902m, 217 composite samples representing 599m were analysed chemically for acid soluble Mg, Ca, Fe, Al, Si, S, As, Cd, Sb and Mn, and acid insoluble and reactive silica contents.

Stage 1 defined two areas of clean, pure magnesite with low overburden to "ore" ratio. Outside these areas, deep karstic, clay filled topography, or weathered, skeletal magnesite with numerous cavities was encountered.

Of the two areas defined Area II, the more northerly, was selected for Stage II exploration.

Stage II drilling comprised 40 RC drillholes totalling 1608m resulting in 263 composite samples representing 750m being analysed chemically.

Based on Mg, Fe and acid insoluble content, eight grades of magnesite were defined. All available drilling and analytical data was used to generate a geological model defining resource blocks on irregularly spaced east west sections between 1630N and 2235N.

Within Area II two zones, hereafter termed Zones A and B, of high grade magnesite have been defined separated by a corridor of deep overburden, possibly representing a fault zone.

Within Area II the total estimated magnesite resource comprises:

Measured resource	-	360 000 tonnes averaging 26.6% Mg, 0.53% Fe, 4.42% acid insolubles
Indicated resource	-	910 000 tonnes averaging 26.6% Mg, 0.53% Fe, 4.46% acid insolubles
Inferred resource	-	2 500 000 tonnes averaging 26.6% Mg, 0.53% Fe and 4.49% acid insolubles

An additional 425 000 tonnes of magnesite of unknown grade and 1 200 000 tonnes of magnesite averaging less than 26% Mg have been partly defined.

Within Zone A there is a total estimated resource (all categories) of 2.16Mt of magnesite averaging 26.1% Mg, 0.53% Fe and 6.33% acid insolubles. Excluding low grade magnesite (<26% Mg) Zone A contains 1.65Mt of magnesite averaging 26.6% Mg, 0.57% Fe and 4.87% acid insolubles.

Zone B contains a total estimated resource of 2.41Mt of magnesite averaging 26.2% Mg, 0.5% Fe and 5.5% acid insolubles. Excluding <26.0% Mg magnesite Zone B contains 1.89Mt of magnesite averaging 26.7% Mg, 0.5% Fe and 4.13% acid insolubles.

As only 24% of the total resource is classed as measured or indicated infill drilling is required before detailed mine plans and reserve estimates can be prepared.

Based on drilling results it is recommended that future resource definition work be focussed on Zone B in Area II (the area of the trial pit). Infill drilling to define a measured and indicated magnesite resource of the order of 1.7Mt will require about 42 RC drillholes on a 20m x 20m grid pattern at a drilling cost of about $ 60 000. To completely define the total Zone B resource about 85 drillholes on the 20m x 20m pattern would be required. Drilling costs would be approximately $ 120 000.

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1. INTRODUCTION

Commercial Minerals Limited (CML) proposed a four stage Reverse Circulation (RC) drilling program designed to reassess the Huandot magnesite deposit on Exploration Retention Licence (ERL) 128 in the Northern Territory. The program was designed to define a 1.5 to 2.0 million tonne magnesite resource suitable for feedstock to Norsk Hydro Canada's (Norsk) magnesium metal plant at Becancour in Quebec, Canada.

Stages I and II were designed to delineate favourable magnesite zones with minimal overburden and impurity within ERL 128 .

Stage I drilling was completed in August - September 1996 with Stage II drilling being undertaken in October 1996. Gaden Drilling of Batchelor was contracted to carry out both Stage I and Stage II programs. This report summarises findings to the completion of Stage II and details recommendations for Stage III.

Stage III is designed to accurately delineate quarry boundaries and Stage IV, if required, would be used as a chemical grade control tool in order to delineate mineable blocks of suitable grade prior to mining.

2. LOCATION - ACCESS - TENURE

Huandot magnesite project is located approximately 70km south - southeast of Darwin and 10km east northeast of the township of Batchelor in the Northern Territory.

Access to the project area is via the Batchelor road westerly for approximately 1.8km from the Stuart Highway. From the main road an unsealed track is followed northerly for approximately 1km along fence lines and across open paddocks to Coomalie Creek. The project area is located approximately 200m north - northwest of the crossing over Coomalie Creek. Tracks north of the Batchelor road are negotiable only in dry weather.

Huandot magnesite deposit is located on section 163, Hundred of Howard. Freehold title to the land is held by Mr S Christodoulou of Darwin. ERL 128 currently held by CML, covers a total area of 334ha and includes most of section 163.

Mineral Lease Application MLNa-1147 covering 112.5ha and located wholly within ERL128 has been lodged with the Northern Territory Department of Mines and Energy.

Huandot magnesite deposit is free of Aboriginal title and/or land claim, although several sacred sites occur within the area.

3. PREVIOUS INVESTIGATIONS

The presence of magnesite in the Rum Jungle area was first noted by the Bureau of Mineral Resources (Now AGSO) in the 1960's. In 1977 and 1978, Geopeko drilled two diamond drillholes in the area known as Area 44 magnesite deposit, located about 1.5km west - northwest of Huandot. Between 1979 and 1983 BHP conducted exploration for magnesite in the area including costeaning and drilling of the Celia deposit located approximately 2.5km southwest of Huandot. From 1990 to 1993, Aztec Mining Company Limited (AZTEC), carried out regional exploration for magnesite and conducted several drilling programs over the Area 44, Celia and Huandot deposits. Aztec concluded that Huandot deposit had the greatest potential to supply magnesite suitable for production of magnesium metal.

Following the acquisition of Aztec by Posgold in early 1994 and the sale of Aztec's assets to Normandy Mining Limited, ownership and management of the Huandot Magnesite Project passed to CML.

Prior to the current drilling program, 41 diamond, 23 RAB and 6 RC drillholes totalling approximately 1700m were drilled at Huandot. Based on these data Aztec estimated a total magnesite resource of 5.8Mt.

In 1995 CML mined, crushed and shipped 26 000t of magnesite from a trial pit at Huandot to Quebec for evaluation for magnesium metal production. The bulk sample was extracted from between 1715N and 1795N (Fig 1) and was considered to represent the better quality magnesite intersected by Aztec's drilling programs. Although the bulk sample did not meet Norsk's stringent chemical specification, it was found that Huandot magnesite was suitable for magnesium metal production. This bulk sampling program is reported in Powell (1996).

4. PROJECT DESCRIPTION

Stage I, comprised 47 RC holes totalling 1 902m drilled on a 80m x 80m grid pattern (Appendix B). Stage 1 was designed to delineate the upper and lower boundaries of the moderately easterly dipping magnesite. This drilling complimented previous drilling traverses and tested magnesite quality and continuity from 1235N, immediately north of Coomalie Creek, through to the northern boundary of ERL 128 (2235N). Hole locations, labelled RC3 to RC47 are shown on Figure 1. Stage I drilling covered a magnesite strike length of approximately 1300m. A total of 217 composite samples representing 599 metres were despatched to Assaycorp, Pine Creek for analyses.

Drilling proved to be difficult due to groundwater, cavities, deep karstic clay filled topography and weathered (skeletal) magnesite. These conditions resulted in contamination of samples and/or no sample return.

Initially, water injection was used in an attempt to suppress airborne dust. However, due to the difficult drilling conditions and higher risk of sample contamination due to mud inclusions, this practice was quickly discontinued

Stage I defined two main areas of magnesite amenable to RC drilling. These areas, as defined on Table I, are coincident with zones of limited magnesite outcrop (Fig 1).

TABLE I

Huandot Magnesite Deposit
Potential Areas for Magnesite Resource

	NORTHING	EASTING	AREA
AREA I	(1435 - 1595)	(4122 - 4322)	32000M^2
AREA II	(1630 - 2235)	(3842 - 4042)	112 000m^2

Area II was considered to have greater potential to define a magnesite resource due to the larger area, magnesite continuity, abundance of previous diamond and RC drilling data and lower overburden to "ore" ratios.

Stage II comprised 40 RC infill drillholes at 40m spacings from 1675N to 2235N (Appendix B). Drillhole locations, labelled RC48 - RC87 are shown in Figure 1. A total of 1608 metres were drilled and 263 composite samples representing 750 drill metres were despatched to Assaycorp for analyses.

5. ASSAY RESULTS AND ORE GRADE DEFINITION

Average results for regional RC drilling, re-assay of diamond core and Area II RC data are shown on Table II.

TABLE II

Huandot Magnesite Deposit
Comparison of Analytical Data from RC Drilling and Re-assay of Diamond Core

	(1)	(2)	(3)	(4)	(5)	
	AREA I STAGE I	AREA II STAGE I	AREA II STAGE II	AREA II STAGE I AND II	AREA II RE-ASSAY DIAMOND HOLES	NORSK SPECIFICATION
Mg%	25.90	25.91	26.16	26.09	26.7	>25.9
Fe ppm	0.78	0.64	0.50	0.54	0.43	<0.33
Insol%	7.08	6.84	6.18	6.37	3.82	<2.6
RSI ml	8.6	18.8	13.7	15.2	12	<10
S ppm	<10	<10	<10	<10	*53	<25
Si ppm	500	600	500	500	600	<700
Ca%	0.52	0.43	0.45	0.45	0.36	<0.75
Al%	0.06	0.15	0.14	0.14	0.11	<0.3
As ppm	1.00	1.00	<1	<1	<1	?
Mn ppm	390	373	295	318	277	<400
Cd ppm	<0.1	<0.1	<0.1	<0.1	0.01	<0.2
Sb ppm	0.12	0.12	<0.1	0.1	0.1	?

* without correction

It is apparent from Table II that there is good correlation between diamond core analytical data and RC chip analytical data when compared in similar areas (comparison of columns 3+4 with 5). The main difference between the two data sets is elevated acid insoluble and iron content and slightly lower Mg values in samples from the RC drilling. These differences **may** relate to:

- drill bit and inner tube wear causing minor iron contamination
- minor contamination by overburden and/or
- sampling practices employed with the RC drilling.

Assaycorp initially reported elevated S levels (up to 1150 ppm and averaging over 50 ppm) throughout Huandot magnesite due to direct spectral interference of calcium resulting in sulphur values being under corrected. All sulphur values were re-reported and were found to average below 10 ppm. (Samples with sulphur levels below detection limit of 10 ppm have been given an assumed value of 5 ppm).

During testing, it was also found the reported Reactive Silica values were a function of grind size (particulate surface area) and digestion time. Finer grind size and increased digestion time resulted in higher RSI values.

Given the uncertainty in the Reactive Silica determinations and the generally low level of all other important contaminants it was considered that Mg, Fe and acid insoluble content were the most critical factors when considering ore grades. Eight magnesite grades were defined based on these criteria (Table III).

TABLE III

Magnesite grades used for resource determination

GRADE 1	Mg > 26.0% Insolubles = < 2.6% Fe = < 3300ppm
GRADE 2	Mg > 26.0% Insoluble < 4.0% Fe = < 3300ppm
GRADE 3	Mg > 26.0% Insolubles = < 4.0% Fe = <5500ppm
GRADE 4	Mg > 26.0% Insolubles =< 5.5% Fe < 3300ppm
GRADE 5	Mg > 26.0% Insolubles = < 5.5% Fe = <5500ppm
GRADE 6	Mg > 26.0%
GRADE 7	Magnesite intersected - no data
GRADE 8	Mg <26.0% - waste

6. GEOLOGICAL MODEL

A geological model was constructed using irregularly spaced east-west cross sections from 1630N to 2235N. A search window equal to half the section spacing was used to "drag" data onto section if necessary.

All available data, including previously drilled MSD series diamond drillholes, MRC series reverse circulation drillholes and MSR series rotary percussion drillholes, were used to construct the geological cross sections.

On east-west sections resource blocks were projected a distance equal to half the drillhole spacing (generally 20m) on either side of drillhole intersections. On north-south sections resource blocks were projected a distance equal to half the section spacing (projection distances ranged from 10 to 22.5m)

Where RC holes overlapped diamond holes chemical analyses from the two intersections were averaged in order to determine the resource block grade. It should also be noted that where holes did overlap, there was very good correlation between the two sets of analytical data.

7. RESOURCE ESTIMATES

This estimate has been prepared under the guidelines of the AusIMM/AMIC/AIG Australasian Code for Reporting of Identified Mineral Resources and Ore Reserves (1996). The magnesite resource is classed as:-

Measured - resource blocks projected 5m along section and perpendicular to section from drillhole intersections with chemical analyses.

Indicated - resource blocks projected to a maximum of 10m along section and perpendicular to section from drillhole intersections with chemical analyses.

Inferred - resource blocks projected to a maximum of 20m along section and perpendicular to section from drillhole intersection with chemical analyses. In the case of section 1630N the inferred resource block is projected 22.5m northwards to 1652.5N).

Therefore a resource block of area 40m x 40m will contain 6% measured resource, 19% indicated resource and 75% inferred resource.

These short projections from drillholes have been adapted due to deep clay filled karstic topography, cavities and the manipulation of data focussing on three variables.

Upgrading of resource categories will be a function of drill pattern density. Drilling at 20m centres will be required to report the resource as dominantly measured and indicated.

Resource blocks have not been projected below the bottom of drillholes and thus, in many areas the resource must be considered as open at depth.

Between 1625N and 2240N estimated resources total 4.89Mt of magnesite with Mg > 26.0%, down to a maximum depth of 55m.

Total overburden overlying magnesite is 1 600 000m^3 resulting in an overburden to total magnesite resource ratio of approximately 1:1.

The total resource grades, volume and tonnage are tabulated below (Table IV).

TABLE IV

Total Resource, Grades, BCM and tonnage

	Volume (m^3)	Tonnage
Grade 1,4	-	-
Grade 2	1 250	3 700
Grade 3	454 000	1 340 000
Grade 5	364 000	1 073 000
Grade 6	449 000	1 324 000
Grade 8	391 000	1 153 000
TOTAL	**1 659 250**	**4 893 700**
ROUNDED TOTAL	**1 660 000**	**4 890 000**

- A further 425 000 tonnes of Grade 7 magnesite (intersected magnesite without grade) has been identified within the resource.

A density of 2.95 was assumed for all magnesite, as determined previously by Nicron Resources from solid core measurements.

Categorised resource estimates for each cross section are shown on Table V.

TABLE V

Total Resource displaying zones, categories, grades and tonnages

	WEIGHT	SECTION		GRADE (TONNES) 2	3	5	6	7	8
	x10		MEASURED	-	-	-	6155		
	x15	2235	INDICATED	-	-	-	12256		
	x25		INFERRED	-	-	-	42868		31030
	x10		MEASURED	-	-	7363	5159		
	x20	2195	INDICATED	-	-	20178	14836		
	x40		INFERRED	-	-	65695	27260	14611	143634
	x10		MEASURED	-	-	5121	16431		
	x20	2155	INDICATED	-	-	14159	48156		
	x40		INFERRED	-	-	50856	186310	28190	206651
	x10		MEASURED	-	5378	13928	-		
ZONE A	x20	2115	INDICATED	-	15776	40073	-		
	x40		INFERRED	-	59212	146703	-		30336
	x10		MEASURED	-	11588	7745	4596		
	x20	2075	INDICATED	-	33152	20742	11223		
	x40		INFERRED	-	96688	33944	27304		101540
	x10		MEASURED	-	9710	11105	831		
	x20	2035	INDICATED	-	28077	32084	2495		
	x40		INFERRED	-	105319	119053	10452	72076	
	x10.5		MEASURED	-	3888	10761	18551		
	x18.5	1995	INDICATED	-	10509	29045	49894		
	x28.5		INFERRED	-	29669	69014	119434	3654	25532
	x10		MEASURED	-	-	-	20498		
	x18.5	1978	INDICATED	-	-	-	53886		
	x20		INFERRED	-	-	-	34230	5624	17120
	x10		MEASURED	-	-	3232	-		
	x20	1955	INDICATED	-	-	9633	-		
	x31.5		INFERRED	-	-	24092	-	20866	69808
	x10		MEASURED	-	14926	3820	4640		
	x20	1915	INDICATED	-	44741	11142	9672		
	x33.5		INFERRED	-	139708	26457	28460		56434
	x10		MEASURED	-	8639	4710	2391		
	x16.5	1888	INDICATED	-	21136	20413	5522		
	x20		INFERRED	-	23073	16939	11067	9259	3860
	x10		MEASURED	-	-	9083	3421		
	x16.5	1875	INDICATED	-	-	20465	7758		
	x26.5		INFERRED	-	-	60027	16216	14202	36431
	x10		MEASURED	-	19312	-	12228		
	x10	1835	INDICATED	-	18718	-	10520		
	x40		INFERRED	-	247772	-	126010	42548	45687
	x10		MEASURED	-	4754	-	11038		
	x15	1795	INDICATED	-	9603	-	22197		
	x25		INFERRED	-	34064	-	77825	7270	28623
	x20		MEASURED	-	20220	-	1030		
ZONE B	x15	1785	INDICATED	-	39516	-	1913		
	x20		INFERRED	-	47164	-	2027	7666	15626
	x10		MEASURED	-	6771	3272	3024		
	x20	1755	INDICATED	-	20125	8903	9122		
	x25		INFERRED	-	34011	12697	10577	23849	101293
	x10		MEASURED	530	10314	6523	1683		
	x20	1735	INDICATED	1638	31298	19532	5028		
	x20		INFERRED	1563	14509	7539	1723		32375
	x10		MEASURED	-	3946	1177	12546		
	x20	1715	INDICATED	-	12137	3371	36043		
	x30		INFERRED	-	30056	8787	92905	70465	167062
	x10		MEASURED	-	8150	4357	5014		
	x20	1675	INDICATED	-	23085	12386	13660		
	x42.5		INFERRED	-	43232	31172	29671	97331	39636
	x10		MEASURED	-	-	6440	5593		
	x15	1630	INDICATED	-	-	12128	11232		
	x27.5		INFERRED	-	-	26954	19668	7989	
			MEASURED	530	127596	98637	134829		
	TOTAL		INDICATED	1638	307873	274254	325413		
			INFERRED	1563	904477	699929	864007	425600	1152678
	TOTAL			3731	1339946	1072820	1324249	425600	1152678

The resource has been subdivided into 2 zones namely.

ZONE A	1986.5N TO 2215N
ZONE B	1625N TO 1935N

Appendix A shows average chemical analysis and tonnages for each grade on each section within these two zones.

Total tonnages for each grade and combined grades are also shown in Appendix A.

Zone A contains a total estimated resource (Combined Grades 3+5+6+8) of 2.16Mt of magnesite averaging 26.1% Mg, 0.53% Fe and 6.33% acid insolubles. If low grade (Grade 8) material is excluded Zone A contains 1.65Mt of magnesite averaging 26.6% Mg, 0.57% Fe and 4.87% acid insolubles.

Zone B contains a total estimated resource (Combined Grades 2+3+5+6+8) of 2.41Mt of magnesite averaging 26.2% Mg, 0.5% Fe and 5.5% acid insolubles. Excluding low grade (Grade 8) magnesite Zone B contains 1.89Mt of magnesite averaging 26.7% Mg, 0.5% Fe and 4.13% acid insolubles.

Based on the above average grades within each zone it is recommended that Stage III drilling focus upon Zone B.

8. STAGE III RECOMMENDATIONS

Of the 1.89Mt of higher grade magnesite within Zone B 65% is currently classed as inferred resource.

In order to upgrade most of this resource to the measured and indicated categories, infill drilling on a 20m x 20m grid pattern will be required between 1625N and 1935N. This upgrading of resource category is necessary prior to reserve estimates being prepared. Only measured and indicated resources can be included in reserves.

The area of Zone B is approximately 39 200m^2 and assuming a minimum magnesite thickness of 30m throughout, has potential to contain in excess of 3.5Mt.

Infill drilling of Zone B may be completed in one or two ways.

Stage III
Drill half of Zone B to delineate a resource in the order of 1.7Mt. A 20m x 20m grid pattern will require approximately 42 RC holes @ 45 - 50m. Total meterage of 2000m @ $ 30/m = $ 60 000. It should be noted that Stage III would be very similar to the originally proposed Stage 3 in the four Stage drilling program.

Stage IIIa
Drill all of Zone B on 20m x 20m grid pattern will require approximately 85 RC holes @ 45 - 50m. This would result in a total of about 4 000m of drilling. At $ 30/m total drilling cost would be $ 120 000.

9. EXPENDITURE

HUANDOT SUMMARY COST STAGES I AND II

Accommodation	7 800
Consultancy Fees	2 880
Courier	963
Drilling Charges	125 710
Earthmoving	1 880
Field Living Expenses	4 363
Legal Fees	310
Motor Vehicle Costs	1 766
Other	9 001
Outside Analyses and Testing	28 789
Royalties	880
Surveying Expenses	6 365
Travelling Expenses	10 420
Wages & Salaries	52 625
TOTAL	**253 752**

10. REFERENCES

Powell, S.G. 1996. *Annual Report For Period 6 April 1995 to 5 April 1996. ERL 128. Huandot Magnesite Deposit, Pine Creek 1:250 000 Sheet SD52-8.* NML Report No. 20 290 (unpublished).

APPENDIX A

RESOURCE ESTIMATES FOR ZONES A AND B

TABLING TONNAGES AND GRADE

All chemical analyses were carried out by Assaycorp, Pine Creek, N.T. Analytical techniques used and precision accuracy and detection limits quoted by Assaycorp are shown below.

To enable calculation of average grades, a value equal to half the detection was substituted for elemental results reported as being below detection limit.

Assay Data:

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Mg	CCA	Prec. ± 5%	0.01	percent
Ca	ICP-OES	Prec. ± 10%	0.01	percent
Fe	ICP-OES	Prec. ± 10%	0.01	percent
Al	ICP-OES	Prec. ± 10%	0.01	percent
Si	ICP-OES	Prec. ± 10%	0.01	percent
Acid insoluble	CCA	Prec. ± 5%	0.01	percent
RSI	CCA	Prec. ± 10%	0.1	mL
S	ICP-OES	Prec. ± 10%	10	ppm
As	ICP-MS	Prec. ± 10%	1	ppm
Cd	ICP-MS	Prec. ± 10%	0.1	ppm
Sb	ICP-MS	Prec. ± 10%	0.1	ppm
Mn	ICP-OES	Prec. ± 10%	10	ppm

		Mg %	Fe %	Insol %	RSI ml	S ppm	Si %	Ca %	Al %	As ppm	Mn ppm	Cd ppm	Sb ppm
SEC1995													
TONNES-3	44,066	27.07	0.55	3.93	6.8	5.00	0.06	0.30	0.11	0.50	285	0.05	0.10
TONNES-5	108,820	26.77	0.55	3.71	10.2	9.37	0.08	0.34	0.08	0.68	297	0.05	0.07
TONNES-6	187,879	26.34	0.83	5.61	15.0	8.41	0.05	0.28	0.15	0.72	478	0.05	0.18
TONNES-7	3,654												
TONNES-8	25,532	23.67	0.54	13.87	38.7	7.00	0.05	0.62	0.44	0.50	222	0.05	0.10
SEC2035													
TONNES-3	143,106	26.93	0.47	3.70	8.1	5.00	0.05	0.36	0.08	0.50	271	0.05	0.07
TONNES-5	162,242	26.56	0.55	4.95	8.6	5.00	0.05	0.25	0.08	0.50	325	0.05	0.10
TONNES-6	13,778	26.51	0.72	5.03	12.0	5.00	0.04	0.28	0.18	0.50	420	0.05	0.10
TONNES-7	72,077												
SEC2075													
TONNES-3	141,428	26.97	0.45	3.85	9.0	8.14	0.04	0.36	0.07	1.02	259	0.06	0.06
TONNES-5	62,431	26.25	0.39	5.35	9.3	34.07	0.04	0.35	0.08	1.32	247	0.05	0.26
TONNES-6	43,123	26.10	0.44	6.42	11.9	5.00	0.04	0.27	0.13	0.50	229	0.05	0.09
TONNES-8	101,541	25.09	0.22	10.97	23.1	3.18	0.02	0.43	0.06	0.39	178	0.04	0.05
SEC2115													
TONNES-3	80,366	26.81	0.45	3.99	9.8	5.00	0.04	0.28	0.10	0.50	243	0.05	0.08
TONNES-5	200,704	26.27	0.47	5.34	10.8	5.00	0.04	0.67	0.11	0.50	249	0.05	0.09
TONNES-8	30,336	25.55	0.55	8.49	9.0	5.00	0.03	0.58	0.20	0.50	253	0.05	0.10
SEC2155													
TONNES-5	70,136	26.64	0.46	5.18	19.3	6.05	0.06	0.28	0.13	1.14	278	0.05	0.09
TONNES-6	250,897	26.47	0.83	5.14	21.0	13.04	0.05	0.40	0.13	0.53	539	0.05	0.10
TONNES-7	28,190												
TONNES-8	206,651	24.55	0.46	12.00	36.1	6.00	0.05	0.55	0.32	2.57	243	0.05	0.15
SEC2195													
TONNES-5	93,236	26.60	0.45	5.36	11.2	5.00	0.03	0.33	0.16	0.50	258	0.05	0.06
TONNES-6	47,255	26.37	0.14	6.22	6.9	1.62	0.02	0.17	0.02	0.16	109	0.02	0.03
TONNES-7	14,611												
TONNES-8	143,634	24.88	0.43	9.98	24.7	5.00	0.03	0.77	0.28	0.50	236	0.05	0.10

GRADE	TONNES	MEASURED	INDICATED	INFERRED											
1															
2															
3	408,966	30,564	87,514	290,888	26.94	0.47	3.83	8.6	6.08	0.05	0.34	0.08	0.68	263	0.05	0.07
4															
5	697,569	56,023	156,281	485,265	26.49	0.49	4.98	11.0	8.39	0.05	0.41	0.10	0.67	278	0.05	0.10
6	542,932	45,568	126,604	370,760	26.39	0.74	5.50	16.8	9.60	0.05	0.32	0.13	0.56	453	0.05	0.12
7	118,532														
8	507,694				24.76	0.41	11.11	28.8	5.14	0.04	0.59	0.26	1.32	227	0.05	0.11
TOTAL															
3+5	1,106,535	86,587	243,795	776,153	26.66	0.48	4.56	10.1	7.54	0.05	0.38	0.10	0.67	273	0.05	0.09
3+5+6	1,649,467	132,155	370,399	1,146,913	26.57	0.57	4.87	12.3	8.22	0.05	0.36	0.11	0.64	332	0.05	0.10
3+5+6+8	2,157,161				26.14	0.53	6.33	16.2	7.49	0.04	0.42	0.14	0.80	307	0.05	0.10

NOTE: * Sulphur analyses without correction, ** average of available data

		Mg %	Fe %	Insol %	RSI ml	S ppm	Si %	Ca %	Al %	As ppm	Mn ppm	Cd ppm	Sb ppm
SEC1630													
TONNES-5	45,522	26.32	0.47	4.66	10.8	*63.93	0.06	0.46	0.10	0.95	326	0.05	0.11
TONNES-6	36,493	26.43	0.59	3.93	8.4	*98.22	0.05	0.44	0.07	1.04	380	0.05	0.17
TONNES-7	7,989												
SEC1675													
TONNES-3	74,468	26.69	0.46	3.45	17.7	*66.54	0.08	0.38	0.09	1.83	292	0.05	0.09
TONNES-5	47,915	26.45	0.51	5.05	13.5	*37.25	0.08	0.40	0.10	0.59	332	0.05	0.08
TONNES-6	48,346	26.19		7.11	5.4			0.48	0.06				
TONNES-7	97,331												
TONNES-8	39,636	23.83	0.47	14.99	33.1	5.00	0.07	0.42	0.12	0.50	331	0.05	0.10
SEC1715													
TONNES-3	46,137	27.17	0.55	2.62	12.2	5.00	0.08	0.34	0.13	0.50	327	0.05	0.05
TONNES-5	13,335	26.56	0.39	5.49	14.8	5.00	0.07	0.37	0.18	0.50	285	0.05	0.05
TONNES-6	141,494	26.31	0.58	5.92	16.1	11.64	0.06	0.37	0.14	1.30	371	0.05	0.09
TONNES-7	70,465												
TONNES-8	167,062	24.91	0.51	10.87	17.6	5.00	0.06	0.36	0.14	0.53	273	0.05	0.08
SEC1735													
TONNES-2	3,731	27.21	0.32	2.10	13.5	*37.00	0.08	0.33	0.11	1.00	253	0.05	0.05
TONNES-3	56,121	26.91	0.40	3.20	11.9	*55.05	0.05	0.35	0.13	0.93	259	0.05	0.11
TONNES-5	33,593	26.49	0.42	5.21	17.4	*47.95	0.06	0.32	0.07	0.77	243	0.05	0.06
TONNES-6	8,434	27.16		4.07				0.27					
TONNES-8	32,375	25.06		9.55				1.07					
SEC1755													
TONNES-3	60,907	26.83	0.55	3.59	7.1	7.24	0.05	0.36	0.07	0.79	326	0.05	0.09
TONNES-5	24,872	26.64	0.44	4.64	15.8	5.00	0.09	0.51	0.16	0.46	427	0.05	0.09
TONNES-6	22,723	26.02	0.61	5.55	13.2	9.00	0.05	0.38	0.22	0.55	371	0.05	0.16
TONNES-7	23,849												
TONNES-8	101,293	23.07	0.60	10.90	13.8	6.25	0.06	2.89	0.20	0.85	471	0.05	0.10
SEC1785													
TONNES-3	106,901	27.08	0.43	2.35	10.8	*59.65	0.06	0.38	0.08	1.08	289	0.05	0.09
TONNES-6	4,970	26.42	0.73	4.62	7.2	*47.00	0.08	0.30	0.08	2.60	460	0.05	0.10
TONNES-7	7,666												
TONNES-8	15,626	21.92	0.31	5.10	22.0	*51.52	0.05	0.41	0.23	0.38	186	0.04	0.08
SEC1795													
TONNES-3	48,421	27.05	0.54	3.07	10.6	6.00	0.04	0.31	0.06	1.38	286	0.05	0.06
TONNES-6	111,060	26.30	0.50	5.31	9.8	5.83	0.04	0.62	0.11	0.78	349	0.05	0.07
TONNES-7	7,270												
TONNES-8	28,623	25.51	0.45	7.88	28.5	7.50	0.06	0.62	0.39	0.50	358	0.05	0.09
SEC1835													
TONNES-3	285,802	26.73	0.46	3.33	10.9	22.91	0.05	0.54	0.17	1.00	306	0.06	0.08
TONNES-6	148,757	26.81		3.50				0.40					
TONNES-7	42,548												
TONNES-8	45,687	25.47	0.37	7.49	8.1	42.00	0.04	0.31	0.54	0.50	236	0.06	0.11
SEC1875													
TONNES-5	89,575	26.71	0.53	4.96	11.5	5.00	0.07	0.31	0.10	0.50	283	0.05	0.05
TONNES-6	27,395	26.10	0.55	5.85	10.5	12.97	0.06	0.37	0.15	0.50	281	0.05	0.10
TONNES-7	14,202												
TONNES-8	36,431	24.32	0.48	10.94	13.9	8.00	0.07	0.88	0.27	0.50	284	0.10	1.07
SEC1888													
TONNES-3	52,848	26.94	0.43	3.03	10.8	*45.12	0.05	0.32	0.07	0.83	284	0.05	0.09
TONNES-5	42,062	26.29	0.45	4.89	11.5	*51.54	0.02	0.31	0.16	1.45	271	0.05	0.10
TONNES-6	18,980	26.45		6.30									
TONNES-7	9,259												
TONNES-8	3,860	25.74	0.44	6.39	22.6	*47.00	0.07	0.41	0.15	0.58	281	0.05	0.12
SEC1915													
TONNES-3	199,375	27.08	0.50	3.04	12.9	7.55	0.06	0.28	0.13	0.56	296	0.06	0.07
TONNES-5	41,419	26.40	0.55	5.19	10.5	5.00	0.06	0.26	0.12	0.50	260	0.05	0.08
TONNES-6	42,772	26.06	0.48	6.81	11.7	5.60	0.05	0.36	0.15	0.58	259	0.05	0.12
TONNES-8	56,434	25.04	0.38	10.69	14.6	5.00	0.05	0.47	0.12	0.83	222	0.06	0.13

GRADE	TONNES	MEASURED	INDICATED	INFERRED										
1														
2	3,731	530	1,638	1,563	27.21	0.32	2.10	13.5	*37.00	0.08	0.33	0.11	1.00	253	0.05	0.05
3	930,980	97,032	220,359	613,589	26.91	0.48	3.11	11.7	*27.73	0.06	0.40	0.12	0.95	298	0.05	0.08
4														
5	338,293	39,382	108,340	190,572	26.50	0.49	4.98	12.6	*27.55	0.06	0.36	0.11	0.72	298	0.05	0.08
6	611,424	62,608	132,667	416,149	26.41	**0.55	5.22	**12.3	***17.86	**0.05	**0.45	**0.13	**0.96	**348	**0.05	**0.10
7	280,579													
8	527,027				24.48	**0.48	10.43	**17.3	***10.80	**0.06	**0.94	**0.21	**0.61	**311	**0.05	**0.16
TOTAL														
2+3	934,711	97,562	221,997	615,152	26.91	0.47	3.10	11.7	*27.77	0.06	0.40	0.12	0.95	298	0.05	0.08
2+3+5	1,273,004	136,944	330,337	805,724	26.80	0.48	3.60	12.0	*27.71	0.06	0.39	0.12	0.89	298	0.05	0.08
2+3+5+6	1,884,428	199,552	463,004	1,221,873	26.67	**0.50	**4.13	**12.1	***24.52	**0.06	**0.41	**0.12	**0.91	**315	**0.05	**0.09
2+3+5+6+8	2,411,455				26.19	**0.50	**5.50	**13.2	***21.52	**0.06	**0.52	**0.14	**0.85	**313	**0.05	**0.10

NOTE: * Sulphur analyses without correction, ** average of available data

TOTAL RESOURCE ZONE A & ZONE B

ZONE A

GRADE	TONNES	MEASURED	INDICATED	INFERRED	Mg %	Fe %	Insol %	RSI ml	S ppm	Si %	Ca %	Al %	As ppm	Mn ppm	Cd ppm	Sb ppm
1																
2																
3	408,966	30,564	87,514	290,888	26.94	0.47	3.83	8.6	6.08	0.05	0.34	0.08	0.68	263	0.05	0.07
4																
5	697,569	56,023	156,281	485,265	26.49	0.49	4.98	11.0	8.39	0.05	0.41	0.10	0.67	278	0.05	0.10
6	542,932	45,568	126,604	370,760	26.39	0.74	5.50	16.8	9.60	0.05	0.32	0.13	0.56	453	0.05	0.12
7	118,532															
8	507,694				24.76	0.41	11.11	28.8	5.14	0.04	0.59	0.26	1.32	227	0.05	0.11

ZONE B

GRADE	TONNES	MEASURED	INDICATED	INFERRED	Mg %	Fe %	Insol %	RSI ml	S ppm	Si %	Ca %	Al %	As ppm	Mn ppm	Cd ppm	Sb ppm
1																
2	3,731	530	1,638	1,563	27.21	0.32	2.10	13.5	*37.00	0.08	0.33	0.11	1.00	253	0.05	0.05
3	930,980	97,032	220,359	613,589	26.91	0.48	3.11	11.7	*27.73	0.06	0.40	0.12	0.95	298	0.05	0.08
4																
5	338,293	39,382	108,340	190,572	26.50	0.49	4.98	12.6	*27.55	0.06	0.36	0.11	0.72	298	0.05	0.08
6	611,424	62,608	132,667	416,149	26.41	**0.55	**5.2	**12.4	***17.90	**0.05	**0.45	**0.13	**0.96	**348	**0.05	**0.10
7	280,579															
8	527,027				24.46	**0.48	**10.43	**17.3	***10.80	**0.06	**0.94	**0.21	**0.61	**311	**0.05	**0.16

ZONE A&B

TOTAL	TONNES	MEASURED	INDICATED	INFERRED	Mg %	Fe %	Insol %	RSI ml	S ppm	Si %	Ca %	Al %	As ppm	Mn ppm	Cd ppm	Sb ppm
2+3	1,343,677	128,126	309,511	906,040	26.92	0.47	3.33	10.8	*21.17	0.05	0.38	0.11	0.87	287	<0.1	<0.1
2+3+5	2,379,539	223,531	574,132	1,581,877	26.73	0.48	4.05	11.1	*18.33	0.05	0.38	0.11	0.79	286	<0.1	<0.1
2+3+5+6	3,533,895	331,707	833,403	2,368,786	26.62	**0.53	**4.47	**12.2	***16.90	**0.05	**0.39	**0.12	**0.78	**323	**<0.1	**<0.1
2+3+5+6+8	4,568,616				26.17	**0.51	**5.90	**14.6	***14.90	**0.05	**0.47	**0.14	**0.82	**311	**<0.01	**<0.1

NOTE: * Sulphur analyses without correction, ** average of available data

APPENDIX B

RC DRILLING LOG - 96 HDOT SI RC3 TO 96 HDOT S2 RC87

TABLING TONNAGES AND GRADE

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4426.4E 1437.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/9/96

HOLE NO: 96 HDOT SI RC3
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Hole ~ 18m west of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								Water @ 13.5
0	16						HW->SW		Overburden, yellow & brown clayey sands
16	17	256406	CBRK	MX, DMT		D GY	FR		
17	18	256407	CBRK	MX, DMT		D GY	FR		
18	19	256408	CBRK	MX, DMT		M GY	FR		
19	20	256409	CBRK, MAG	MX, DMT, MA, CRY		M GY	FR		~ 30% MAG
20	21	256410	MAG	MA, CRY		M GY	FR		Mottled, minor CBRK
21	22	256411	MAG	MA, CRY		M GY	FR		Badly contaminated, Cavity
22	58.5								Cavity, entire interval was highly porous,
									sample return was very low throughout, zone
									drilled very slowly to minimise drill induced
									rock defects. All samples were magnesite and
									all samples were highly contaminated.
									Primary and secondary air was maintained.
									Interval pressurised to the point where water
									return at secondary air continued even
									through rod changes due to stratigraphy
									decompressing.

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4407.5E 1520.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/9/96

HOLE NO: 96 HDOT SI RC4
AZIMUTH: MAG/GRID
PAGE: 1 OF 2

NOTE: Hole ~ 40m west of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	10						OX	Whites?	Slope wash, talc/chlorite rock
10	11	256394	CBRK	MX, DMT		L GY, PI	FR		
11	12	256395	CBRK, SLST	MX, DMT	talc, chlorite	D GY, PI	FR		~ 80% chloritised Whites Formation
12	13	256396	CBRK/SLST	MX, DMT	talc, chlorite	D GR, L GY	FR		~ 70% chloritised White Formation
13	14	256397	SLST	CLT	talc, chlorite	D GR, D BR	FR	Whites	Water cut
14	15	256398	SLST	CLT	talc, chlorite	D GR, D BR	FR	Whites	
15	16	256399	SLST	CLT	talc, chlorite	D GR, BN	FR	Whites	
16	17	256400	SLST	CLT	talc, chlorite	D GR, BN	FR	Whites	
17	18	256401	SLST	CLT	talc, chlorite	D GR, BN	FR	Whites	Minor DMT
18	19								Cavity, no sample
19	20								Cavity, no sample
20	21	256402	CBRK	MX, DMT		L BR	FR		Conaminated with Whites, wet
21	22	256403	CBRK	MX, DMT		L GY, BR	FR		Contaminated, wet
22	23	256404	CBRK	MX, DMT		L GY	FR		
23	24	256405	CBRK	MX, DMT		L GY	FR		Highly contaminated with Whites
24	25								Wet, hole terminated in large cavity which is deflecting rods increasing torque, maximising risk of rod damage.
25	26								
26	27								

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT:	HUANDOT MAGNESITE PROJECT	PROSPECT:	HUANDOT	HOLE NO:	96 HDOT SI RC4
CO-ORDS:	4407.5E 1520.1N LOCAL GRID	DIP:	-90°	AZIMUTH:	MAG/GRID
DRILLERS:	ROCKDRIL	DRILLRIG:	HAMMERTRAK 2000		
LOGGED BY:	IAN TURNER	DATE:	1/9/96	PAGE:	2 OF 2

NOTE: Hole ~ 40m west of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
27	28								
28	29								
29	30								
30	31								
31	32								
32	33								E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4363.1E 1444.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/9/96

HOLE NO: 96 HDOT SI RC7
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE: Collar is 10m North of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	3								Overburden, alluvium
3	4	256412	MAG	MA, CRY		L GY, D GY	FR		Mottled, contaminated
4	5	256413	MAG	MA, CRY		L GY, M GY	FR		Mottled, contaminated
5	6	256414	MAG	MA, CRY		WH, L GY	FR		Mottled, contaminated
6	7	256415	MAG	MA, CRY		WH, M GY	FR		Mottled, minor contamination
7	8	256416	MAG	MA, CRY		WH, L GY	FR		Mottled, minor contamination
8	9	256419	MAG	MA, CRY		WH, L GY	FR		Mottled, minor contamination
9	10	256418	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, contaminated
10	11	256419	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, minor contamination
11	12	256420	MAG	MA, CRY		M GY	FR		Mottled, (Water in hole overnight)
12	13	256421	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
13	14	256422	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
14	15	256423	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
15	16	256424	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
16	17	256425	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
17	18	256426	MAG	MA, CRY		WH, M GY	FR		Mottled
18	19	256427	MAG	MA, CRY		WH, M GY	FR		Mottled
19	20	256428	MAG	MA, CRY		WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4363.1E 1444.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/9/96

HOLE NO: 96 HDOT SI RC7
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE: Collar is 10m North of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
20	21	256429	MAG	MA, CRY		WH, L GY	FR		Mottled
21	22	256430	MAG	MA, CRY		WH, L GY	FR		Mottled
22	23	256431	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
23	24	256432	MAG	MA, CRY		WH, L GY	FR		Mottled
24	25	256433	MAG	MA, CRY		WH, M GY	FR		Mottled
25	26	256434	MAG	MA, CRY		WH, M GY	FR		Contaminated, Cavity?
26	27	253435	MAG	MA, CRY		WH		Cavity	Massively contaminated
27	28							Cavity	
28	29							Cavity	
29	30							Cavity	
30	31							Cavity	
31	32							Cavity	
32	33							Cavity	
33	34							Cavity	
34	35							Cavity	
35	36							Cavity	
36	37								Poor - contaminated sample return below
37	38								cavity from 36 - 46m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4363.1E 1444.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/9/96

HOLE NO: 96 HDOT SI RC7
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE: Collar is 10m North of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
38	39								
39	40								
40	41								
41	42								
42	43								
43	44								
44	45								
45	46								Hole terminated due to fractured ground and contaminated sample return

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4360.5E 1514.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 31/8/96

HOLE NO: 96 HDOT SI RC8
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE: Collar is 2m west of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	7		ALL/CLY						Water @ 6m, Overburden
7	8	256356	CBRK	MX, DMT?	tr MAG	L GY	FR		Mottled
8	9	256357	CBRK	MX, DMT?		M GY	FR		Mottled
9	10	256358	CBRK	MX, DMT	tr MAG	L GY, D GY	FR		Mottled
10	11	256359	CBRK	MX, DMT	tr MAG	D GY	FR		0.5m cavity
11	12	256360	CBRK	MX, DMT		M GY	FR		
12	13	256361	CBRK	MX, DMT		M GY	FR		Weakly mottled
13	14	256362	CBRK	MX, DMT	tr py, tr MAG	M GY	FR		Weakly mottled
14	15	256363	CBRK	MX, DMT		M GY	FR		
15	16	256364	CBRK	MX, DMT		M GY	FR		Mottled
16	17	256365	CBRK	MX, DMT	tr chlorite	M GY	FR		Fine wispy chlorite
17	18	256366	CBRK	MX, DMT		M GY, PI	FR		
18	19	256367	CBRK	MX, DMT	tr MAG	M GY	FR		Thin (~ 2mm) Magnesite bands
19	20	256368	CBRK	MX, DMT		M GY	FR		Mottled
20	21	256369	CBRK	MX, DMT		M GY	FR		Weakly mottled
21	22	256370	CBRK	MX, DMT	tr MAG, tr chlorite	M GY	FR		Mottled
22	23	256371	CBRK	MX, DMT	tr MAG, siderite?	D GY	FR		

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4360.5E 1514.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 31/8/96

HOLE NO: 96 HDOT SI RC8
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE: Collar is 2m west of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
23	24	256372	CBRK	MX, DMT		L GY	FR		
24	25	256373	CBRK	MX, DMT		L GY, PI	FR		
25	26	256374	CBRK	MX, DMT		D GY	FR		
26	27	256375	CBRK	MX, DMT	tr MAG	D GY	FR		Thin (~ 2mm) Magnesite bands
27	28	256376	CBRK	MX, DMT	tr MAG	D GY	FR		
28	29	256377	CBRK	MX, DMT	tr MAG	D GY	FR		Thin (~ 2mm) Magnesite bands
29	30	256378	CBRK	MX, DMT		D GY	FR		
30	31	256379	CBRK	MX, DMT	tr py, tr MAG	D GY	FR		
31	32	256380	CBRK	MX, DMT	tr di py,tr MAG	D GY	FR		
32	33	256381	CBRK	MX, DMT		D BY, D PI	FR		
33	34	256382	CBRK	MX, DMT		PI	FR		
34	35	256383	CBRK	MX, DMT		PI, L GY	FR		
35	36	256284	CBRK	MX, DMT	tr MAG	L GY, PI	FR		Sparse thin bands ~ 2mm
36	37	256385	CBRK	MX, DMT	tr MAG	L GY, PI	FR		
37	38	256386	CBRK	MX, DMT		L GY, PI	FR		
38	39	256387	MAG	MA, CRY		L GY	FR		Mottled
39	40	256388	MAG	MA, CRY		L GY	FR		Mottled
40	41	256389	CBRK	MX, DMT	5 MAG	M GY	FR		
41	42	256390	MAG	MA, CRY		L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4360.5E 1514.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 31/8/96

HOLE NO: 96 HDOT SI RC8
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE: Collar is 2m west of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
42	43	256391	MAG	MA, CRY		L GY	FR		Mottled
43	44	256392	MAG	MA, CRY		L GY	FR		Mottled
44	45	256393	MAG	MA, CRY		L GY	FR		Mottled, badly contaminated
45	46								Cavity
46	47								Cavity
47	48								Cavity
48	49								Cavity
49	50								No sample, contaminated
50	51								No sample, contaminated
51	52								No sample, contaminated
52	53								No sample, contaminated
									E.O.H
									Hole terminated @ 53m - unmanageable water

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4282.8E 1431.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/9/96

HOLE NO: 96 HDOT SI RC9
AZIMUTH: MAG/GRID
PAGE: 1 OF 2

NOTE: Hole approx. 5m SW of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	10						OX		Overburden, all, clays. Water @ 6m
10	11	256436	MAG	MA, CRY	tr py	L GY	FR		Mottled, minor contamination
11	12	256437	MAG	MA, CRY	tr py	L GY	FR		Mottled, minor contamination
12	13	256438	MAG	MA, CRY		L GY	FR		Mottled, minor contamination
13	14	256439	MAG	MA, CRY		WH, M GY	FR		Mottled, possibly contamination
14	15	256440	MAG	MA, CRY		M GY	FR		Mottled
15	16	256441	MAG	MA, CRY		M GY	FR		Mottled
16	17	256442	MAG	MA, CRY		M GY	FR		Mottled
17	18	256443	MAG	MA, CRY		M GY	FR		Mottled
18	19	256444	MAG	MA, CRY		M GY	FR		Mottled
19	20	256445	MAG	MA, CRY		M GY	FR		Mottled
20	21	256446	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
21	22	566447	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
22	23	256448	MAG	MA, CRY	tr py	M GY	FR		More finely xtalline
23	24	256449	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
24	25	256450	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
25	26	256451	MAG	MA, CRY		M GY	FR		Mottled, minor more finely xtalline
26	27	256452	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
27	28	256453	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4282.8E 1431.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/9/96

HOLE NO: 96 HDOT SI RC9
AZIMUTH: MAG/GRID
PAGE: 2 OF 2

NOTE: Hole approx. 5m SW of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
28	29	256454	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
29	30	256455	MAG	MA, CRY	tr py	WH, PI, L GY	FR		Weakly mottled
30	31	256456	MAG	MA, CRY	tr py	WH, PI, L GY	FR		Weakly mottled
31	32	256457	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
32	33	256458	MAG	MA, CRY	tr py	M GY	FR		Mottled
33	34	256459	MAG	MA, CRY	tr py, wk chlorite	M GY	FR		Mottled
34	35	256460	MAG	MA, CRY	tr py, tr DMT	M GY	FR		Mottled, minor dol
35	36	256461	MAG	MA, CRY		WH, M GY	FR		Mottled
36	37	256462	MAG	MA, CRY		WH, M GY	FR		0.5m sample, cavity, contamination
37	51	CAVITY							E.O.H Hole terminated 51m - still in cavity

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4279.4E 1512.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 31/8/96

HOLE NO: 96 HDOT SI RC10
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	5		ALL/CLAY						Overburden, minor qtz, slope wash
5	6	256318	CBRK	MA, DMT	tr mag	L GY	FR		
6	7	256319	CBRK	MA, DMT	tr py, tr mag	L GY	FR		Water cut @ 6m
7	8	256320	CBRK	MA, DMT		L GY	FR		Cavity @ 7.5m, hole terminated New hole 96 HDOT SI RC10A 20m East of 96 HDOT SI RC10

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4298.3E 1511.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 31/8/96

HOLE NO: 96 HDOT SI RC10A
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE: Hole 20m East of 96 HDOT SI RC10

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	4		ALL,CLY						Slope wash
4	5	256321	MAG	MA, CRY	minor DMT	L GY	FR		Mottled, minor yellow staining, minor contamination
5	6	256322	MAG	MA, CRY		WH, L GY	FR		Unidentified finely xtalline orange brown mineral, styolitic
6	7	256323	MAG	MA, CRY		WH, PI, L GY	FR		minor contamination
7	8	256324	MAG	MA, CRY	minor talc	WH, L GY	FR		Mottled, minor orange talc
8	9	256325	MAG	MA, CRY	tr py/siderite?	TR WH, L GY	FR		Mottled, minor orange staining
9	10	256326	MAG	MA, CRY	minor talc	L GY	FR		Weakly mottled, minor orange talc
10	11	256327	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
11	12	256328	MAG	MA, CRY		L GY	FR		Mottled
12	13	256329	MAG	MA, CRY	tr py	WH	FR		
13	14	256330	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
14	15	256331	MAG	MA, CRY	minor talc	WH			Cavity, water
15	16								No sample, cavity
16	17								No sample, cavity
17	18								No sample, cavity
18	19	256332	MAG	MA, CRY		L GY	FR		minor contamination
19	20	256333	MAG	MA, CRY		D GY	FR		Mottled, minor contamination
20	21	256334	MAG	MA, CRY		M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4298.3E 1511.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 31/8/96

HOLE NO: 96 HDOT SI RC10A
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE: Hole 20m East of 96HDOT SI RC10

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
21	22	256335	MAG	MA, CRY		D GY	FR		Mottled
22	23	256336	MAG	MA, CRY		D GY	FR		Mottled
23	24	256337	MAG	MA, CRY		M GY	FR		Mottled
24	25	256338	MAG	MA, CRY	tr py	M GY	FR		Mottled
25	26	256339	MAG	MA, CRY		M GY	FR		Mottled
26	27	256340	MAG	MA, CRY		M GY	FR		Mottled
27	28	256341	MAG	MA, CRY		M GY	FR		Mottled
28	29	256342	MAG	MA, CRY		M GY	FR		Mottled
29	30	256343	MAG	MA, CRY		M GY	FR		Mottled
30	31	256344	MAG	MA, CRY		L GY	FR		Mottled
31	32	256345	MAG	MA, CRY		M GY	FR		Motled
32	33	256346	MAG	MA, CRY		M GY	FR		Mottled
33	34	256347	MAG	MA, CRY		M GY	FR		Mottled
34	35	256348	MAG	MA, CRY		WH, L GY	FR		Mottled
35	36	256349	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
36	37	256350	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
37	38	256351	MAG	MA, CRY		WH, M GY	FR		Mottled
38	39	256352	MAG	MA, CRY		M GY	FR		Mottled
39	40	256353	MAG	MA, CRY		M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4298.3E 1511.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 31/8/96

HOLE NO: 96 HDOT SI RC10A
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE: Hole 20m East of 96HDOT SI RC10

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
40	41	256354	MAG	MA, CRY		M GY	FR		Mottled
41	42	256355	MAG	MA, CRY		M GY	FR		Mottled E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4286.4E 1560.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 12/9/96

HOLE NO: 96 HDOT SI RC11
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	4						OX		Slope wash, soil
4	5	256812	CBRK	DMT, MX		M GY	FR		Mottled, contaminated
5	6	256813	CBRK	DMT, MX		M GY	FR		Mottled
6	7	256814	CBRK	DMT, MX	tr MAG	M GY	FR		Mottled
7	8	256815	CBRK	DMT, MX		M GY	FR		
8	9	256816	CBRK	DMT, MX	tr MAG	M GY	FR		Mottled
9	10	256817	CBRK	DMT, MX		M GY	FR		
10	11	256818	CBRK	DMT, MX	tr MAG	M GY	FR		Mottled
11	12	256819	CBRK	DMT, MX	tr MAG	M GY	FR		Mottled, water cut
12	13	256820	CBRK	DMT, MX	tr MAG	M GY	FR		
13	14	256821	CBRK	DMT, MX	tr MAG	M GY	FR		
14	15	256822	CBRK	DMT, MX		M GY	FR		
15	16	256823	CBRK	DMT, MX	tr chlorite	M GY	FR		Mottled
16	17	256824	CBRK	DMT, MX		M GY	FR		
17	18	256825	CBRK	MX, DMT	tr py	M GY	FR		
18	19	256826	CBRK	MX, DMT		Pl, M GY	FR		Mottled
19	20	256827	CBRK	MX, DMT		D GY	FR		
20	21	256828	CBRK	MX, DMT		D GY	FR		

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4286.4E 1560.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 12/9/96

HOLE NO: 96 HDOT SI RC11
AZIMUTH: - MAG/GRID

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
21	22	256829	CBRK	MX, DMT	tr MAG	D GY	FR		Mottled
22	23	256830	CBRK	MX, DMT	tr MAG	D GY	FR		
23	24	256831	MAG	MA, CRY	min CBRK	D GY	FR		Mottled
24	25	256832	CBRK	MX, DMT	min MAG	D GY	FR		Mottled
25	26	256833	MAG	MA, CRY	tr CBRK	D GY	FR		Mottled
26	27	256834	MAG	M, CRY		M GY	FR		Mottled
27	28	256835	MAG	MA, CRY		M GY	FR		Mottled
28	29	256836	MAG	MA, CRY		D GY	FR		Mottled
29	30	256837	MAG	MA, CRY	tr py	D GY	FR		Mottled
30	31	256838	MAG	MA, CRY		M GY	FR		Mottled
31	32	256839	MAG	MA, CRY		WH, M GY	FR		Mottled
32	33	256840	MAG	MA, CRY	tr WH talc	WH, M GY	FR		Mottled
33	34	256841	MAG	MA, CRY		M GY	FR		Mottled
34	35	256842	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
35	36	256843	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
36	37	256844	MAG	MA, CRY	tr py	M GY	FR		Mottled, badly contaminated
37	38	256845	MAG	MA, CRY	tr py	M GY	FR		Mottled
38	39	256846	MAG/CBRK	DMT?		M GY	FR		

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4286.4E 1560.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 12/9/96

HOLE NO: 96 HDOT SI RC11
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
39	40	256847	MAG	MA, CRY		M GY	FR		Mottled
40	41	256848	MAG	MA, CRY	tr py	M GY	FR		Mottled, contaminated, clay
41	42	256849	MAG	MA, CRY		M GY	FR		Mottled, tr clay contamination
42	43	256850	MAG	MA, CRY		M GY	FR		Mottled
43	44	256851	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
44	45	256852	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
45	46	256853	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
46	47	256854	MAG	MA, CRY		M GY	FR		Mottled
47	48	256855	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
48	49	256856	MAG	MA, CRY		M GY	FR		Mottled
49	50	256857	MAG	MA, CRY		M GY	FR		Mottled
50	51	256858	MAG	MA, CRY	tr py	M GY	FR		Mottled
51	52	256859	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
52	53	256860	MAG	MA, CRY		WH, M GY	FR		Mottled
53	54	256861	MAG	MA, CRY		WH, M GY	FR		Mottled
54	55	256862	MAG	MA, CRY		WH, M GY	FR		Mottled
55	56	256863	MAG	MA, CRY		WH, M GY	FR		Mottled
56	57	256864	MAG	MA, CRY		WH, M GY	FR		Mottled
57	58	256865	MAG	MA, CRY		WH, M GY	FR		Mottled. EOH @ 58m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4206.9E 1514.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/8/96

HOLE NO: 96 HDOT SI RC12
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	2		ALL/MAG				OX/FR		Open holed for 2m pre-collar-not sampled
2	3	256287	MAG	MA, CRY		M GY	FR		Contaminated, mottled
3	4	256288	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
4	5	256289	MAG	MA, CRY		WH, M GY	FR		Mottled
5	6	256290	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
6	7	256291	MAG	MA, CRY		M GY	FR		Mottled
7	8	256292	MAG	MA, CRY		WH, M GY	FR		Mottled
8	9	256293	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
9	10	256294	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
10	11	256295	MAG	MA, CRY		WH, M GY	FR		Mottled
11	12	256296	MAG	MA, CRY		M GY	FR		Mottled
12	13	256597	MAG	MA, CRY	tr py	M GY	FR		Mottled
13	14	256298	MAG	MA, CRY		WH, M GY	FR		Mottled
14	15	256299	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
15	16	256300	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
16	17	256301	MAG	MA, CRY		WH, M GY	FR		Mottled, ~ 50% finer grained
17	18	256302	MAG	MA, CRY	tr py	M GY	FR		Mottled, ~ 30% finer grained
18	19	256303	MAG	MA, CRY	5 talc	WH, M GY	FR		Mottled, white talc
19	20	256304	MAG	MA, CRY	0.5 talc	WH, M GY	FR		Mottled, white talc

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4206.9E 1514.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/8/96

HOLE NO: 96 HDOT SI RC12
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
20	21	256305	MAG	MA, CRY	tr py, tr talc	WH, M GY	FR		Mottled, white talc
21	22	256306	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
22	23	256307	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
23	24	256308	MAG	MA, CRY		WH, M GY	FR		Mottled
24	25	256309	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, ~ 20% finer grained
25	26	256310	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
26	27	256311	MAG	MA, CRY	tr py, tr talc	WH, M GY	FR		Mottled, tr white talc
27	28	256312	MAG	MA, CRY		WH, M GY	FR		Mottled
28	29	256313	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled ~ 10% finer grained DMT?
29	30	256314	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
30	31	256315	MAG	MA, CRY	tr py	M GY	FR		Mottled
31	32	256316	MAG	MA, CRY		M GY	FR		Mottled, ~ 20% finer grained DMT?
32	33	256317	MAG	MA, CRY		WH, D GY	FR		Mottled, ~ 10% finer grained DMT?

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC13
CO-ORDS: 4199.0E 1552.0N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 12/9/96
PAGE: 1 OF 2

NOTE: * Hole ~ 7m SW of proposed new location. * Very sharp contact

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	16		SLST	CLT		D BR GR	MW/FR	Whites'	Water in hole @ 13.5m
16	17	256675	MAG	MA, CRY	2 py	WH, M GY	FR		Minor contaminated (Whites)
17	18	256676	MAG	MA, CRY	0.5 py	WH, D GY	FR		Minor contamination, Whites
18	19	256677	MAG	MA, CRY	5 py	WH, D GY	FR		~ 5% Highly pyritic talc/chlorite rock
19	20	256678	MAG	MA, CRY	2 py	WH, D GY	FR		~ 3% pyritic talc/chlorite rock
20	21	256679	MAG	MA, CRY	0.5 py	WH, D GY	FR		Tr pyritic talc/chlorite rock
21	22	256680	MAG	MA, CRY	0.5 py	WH, D GY	FR		Contaminated, clay
22	23	256681	MAG	MA, CRY	tr py	WH, D GY	FR		Mottled
23	24	256682	MAG	MA, CRY	tr py	WH, L GY	FR		
24	25	256683	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
25	26	256684	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
26	27	256685	MAG	MA, CRY	0.5 py	wh, M GY	FR		Mottled
27	28	256686	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
28	29	256687	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
29	30	256688	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
30	31	256689	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
31	32	256690	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
32	33	256691	MAG	MA, CRY	0.5 py	WH, M GY	FR		~ 5% Black/pyritic talc/chlorite rock
33	34	256692	MAG	MA, CRY	0.5 py, chl	M GY	FR		Minor chlorite

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4199.0E 1522.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 12/9/96

HOLE NO: 96 HDOT SI RC13
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE: * Hole ~ 7m SW of proposed new location * Very sharp contact

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
34	35	256693	MAG	MA, CRY	2 py	M GY	FR		Mottled
35	36	256694	MAG	MA, CRY	1 py	D GY	FR		Mottled
36	37	256695	MAG	MA, CRY	tr py	M GY, Pl	FR		Mottled
37	38	256696	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
38	39	256697	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
39	40	256698	MAG	MA, CRY	1 py	M GY	FR		Mottled
40	41	256699	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
41	42	256700	MAG	MA, CRY	1 py	WH, M GY	FR		Mottled
42	43	256801	MAG	MA, CRY	1 py	WH, M GY	FR		Mottled
43	44	256802	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
44	45	256803	MAG		MA, CRY	0.5 py	WH, M GY	FR	Mottled, tr clay contamination
45	46	256804	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
46	47	256805	MAG	MA, CRY	0.5 py	WH, D GY	FR		Mottled
47	48	256806	MAG	MA, CRY	1 py	WH, D GY	FR		Mottled
48	49	256807	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
49	50	256808	MAG	MA, CRY	0.5 py	WH, L GY	FR		Mottled
50	51	256809	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
51	52	256810	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
52	53	256811	MAG	MA, CRY	tr py, chl	WH, M GY	FR		Mottled, minor chlorite EOH

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT:	HUANDOT MAGNESITE PROJECT	PROSPECT:	HUANDOT	HOLE NO:	96 HDOT SI RC14
CO-ORDS:	4125.7E 1514.3N LOCAL GRID	DIP:	-90°	AZIMUTH:	- MAG/GRID
DRILLERS:	ROCKDRIL	DRILLRIG:	HAMMERTRAK 2000		
LOGGED BY:	IAN TURNER	DATE:	30/8/96	PAGE:	1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	30								Alluvium, yellow and white clayey sands and sandy clays, some relict? silicified? magnesite toward base of hole. Water cut @ 21m. E.O.H 30m. Hole 96 HDOT SI RC14A located 20m East of hole 96 HDOT SI RC14

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT:	HUANDOT MAGNESITE PROJECT	PROSPECT:	HUANDOT	HOLE NO:	96 HDOT SI RC14A
CO-ORDS:	4144.4E 1516.4N LOCAL GRID	DIP:	-90°	AZIMUTH:	- MAG/GRID
DRILLERS:	ROCKDRIL	DRILLRIG:	HAMMERTRAK 2000		
LOGGED BY:	IAN TURNER	DATE:	30/8/96	PAGE:	1 OF 1

NOTE: Collar located 20m East of 96 HDOT SI RC14

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	19.5								Alluvium, abundant relict white silicified carbonate pseudomorphs. Hole wet @ 16m. (Cavity @ 12-14m). Hole terminated in same material but has blue-grey opaline silica in addition. Ubiquitous Fe staining throughout, orange brown dispersive clay. Silicified material vuggy in part but mainly where blue/grey opaline silica occurs.

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4124.4E 1567.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 12/9/96

HOLE NO: 96 HDOT SI RC15
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: * This hole ~ 20m South of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	3								Water in hole @ 13.5m, overburden, clays
3	43		SLST	CLT		D BR GR	HW-MW	Whites	EOH
		Hole terminated @ 43m in HW-MW Whites Fm							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT:	HUANDOT MAGNESITE PROJECT	PROSPECT:	HUANDOT	HOLE NO:	96 HDOT SI RC16
CO-ORDS:	4042.9E 1515.8N LOCAL GRID	DIP:	-90°	AZIMUTH:	- MAG/GRID
DRILLERS:	ROCKDRIL	DRILLRIG:	HAMMERTRAK 2000		
LOGGED BY:	IAN TURNER	DATE:	30/8/96	PAGE:	1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	5								Overburden, alluvium
5	6	256273	DMT	CRY, MX		L GY	FR		Water cut 5m, contamination
6	7	256274	DMT	MX		L GY	FR		Minor MAG veining.
7	8	256275	DMT	MX		M GY	FR	Minor MAG	Hole terminated due to large cavity, new hole started 5m west - designated 96 HDOTSI RC16A. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4038.1E 1514.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/8/96

HOLE NO: 96 HDOT SI RC16A
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Collar 5m west of 96 HDOT SI RC16

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	13								Water cut above 6m alluvium, clays
13	14	256276	DMT, MAG	CRY		L GY	FR		~ 60% DMT, ~ 40% MAG
14	15	256277	DMT, MAG	CRY		L GY			~ 50% DMT, ~ 50% MAG
									Hole terminated @ 15m due to cavity. Hole 96 HDOT SI RC16B located 10m East of 96 HDOT SI RC16

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4051.2E 1519.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/8/96

HOLE NO: 96 HDOT SI RC16B
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: This hole 10m East of 96 HDOT SI RC16

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	2								Alluvium, clays
2	3	256278	MAG	MA, CRY	min DMT	M GY	FR		Water in hole, ~ 10% DMT, contamination
3	4	256279	MAG	MA, CRY		WH, PI, M GY	FR		Mottled
4	5	256280	MAG	MA, CRY		WH, M GY	FR		Mottled, min orange/yellow staining
5	6	256281	MAG	MA, CRY		WH, PI, M GY	FR		Mottled, min orange/yellow mineral
6	7	256282	MAG	MA, CRY	0.5py	WH, M GY	FR		Mottled
7	8	256283	MAG	MA, CRY	tr py	M GY	FR		Mottled, very minor contamination
8	9	256284	MAG	MA, CRY	tr py, tr talc	M GY	FR		Mottled, minor orange talc
9	10	256285	MAG	MA, CRY		M GY	FR		Mottled
10	11	256286	MAG	MA, CRY	tr talc	M GY	FR		Mottled, minor orange/yellow talc
11	21								Cavity, no sample Cavity probed to 21m, still open, hole terminated.

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4046.1E 1594.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/8/96

HOLE NO: 96 HDOT SI RC17
AZIMUTH: ____MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	30								Overburden, clays alluvium water cut ~ 10m
									E.O.H Hole terminated

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT:	HUANDOT MAGNESITE PROJECT	PROSPECT:	HUANDOT	HOLE NO:	96 HDOT SI RC18
CO-ORDS:	4042.0E 1677.6N LOCAL GRID	DIP:	-90°	AZIMUTH:	- MAG/GRID
DRILLERS:	ROCKDRIL	DRILLRIG:	HAMMERTRAK 2000		
LOGGED BY:	IAN TURNER	DATE:	29/8/96	PAGE:	1 OF 1

NOTE: Hole terminated due to contamination and degraded sample size at 44m.

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	26								Overburden, water @ 19m
26	27	256255	MAG	MA, CRY		M GY	SW		Mottled, min vfngrnd DMT?
27	28	256256	MAG	MA, CRY		M GY	SW		Mottled
28	29	256257	MAG	MA, CRY		M GY	FR		Mottled
29	30	256258							No sample - cavity to 30.5
30	31	256259	MAG	MA, CRY	min SLST	M GY	FR		Mottled, wet
31	32	256260	MAG	MA, CRY	min SLST	M GY	FR		Motled, damp
32	33	256261	MAG	MA, CRY		M GY	FR		Mottled, damp
33	34	256262	MAG	MA, CRY		M GY	FR		Mottled
34	35	256263	MAG	MA, CRY	min qtz	M GY	FR		Mottled
35	36	256264	MAG	MA, CRY		M GY	FR		Mottled
36	37	256265	MAG	MA, CRY		M GY	FR		Hole keeps collapsing - wet, contaminated
37	38	256266	MAG	MA, CRY		M GY	FR		Mottled, wet
38	39	256267	MAG	MA, CRY		M GY	FR		Mottled, wet
39	40	256268	MAG	MA, CRY		L GY	FR		Mottled, wet, min uphole contamination
40	41	256269	MAG	MA, CRY	min qtz	L GY	FR		Wet, uphole contamination
41	42	256270	MAG	MA, CRY		L GY	FR		Wet, uphole contamination
42	43	256271	MAG	MA, CRY		L GY	FR		Wet, uphole contamination
43	44	256272	MAG	MA, CRY		L GY	FR		Wet, uphole contamination

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.5E 1754.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 29/8/96

HOLE NO: 96 HDOT SI RC19
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	6								Overburden, clay, talc/chlorite rock
6	7	256220	SLST	CLT	min talc	BN, GN	MW	Whites	
7	8	256221	SLST			BN, GY	MW	Whites	
8	9	256222	SLST			BN, GY	MW	Whites	
9	10	256223	MAG	MA, CRY		M GY	MW		Mottled, minor clays
10	11	256224	MAG	MA, CRY	min SLST	M GY	MW		Mottled, 0.75m cavity
11	12	256225	MAG	MA, CRY	min SLST	D GY	FR		Mottled
12	13	256226	MAG	MA, CRY		D GY	FR		Mottled, some finer grained DMT?
13	14	256227	MAG	MA, CRY	tr py	D GY	FR		Mottled, med fn grnd DMT?
14	15	256228	MAG	MA, CRY		D GY	FR		Mottled, hi % fn grnd DMT?
15	16	256229	MAG	MA, CRY		M GY	FR		Mottled, hi % fn grnd DMT?
16	17	256230	MAG	MA, CRY	tr py	D GY	FR		Mottled, hi % fn grnd DMT?
17	18	256231	MAG	MA, CRY		D GY	FR		Mottled, lo % fn grnd DMT?
18	19	256232	MAG	MA, CRY		M GY	FR		Mottled, very lo % fn grnd DMT?
19	20	256233	MAG	MA, CRY	tr py	M GY	FR		Mottled, very lo % fn grnd DMT?
20	21	256234	MAG	MA, CRY	tr py, SLST	D GY	FR		Mottled
21	22	256235	MAG	MA, CRY	tr py	M GY	FR		Mottled
22	23	256236	MAG	MA, CRY		WH, L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.5E 1754.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 29/8/96

HOLE NO: 96 HDOT SI RC19
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE: Water cut @ 28m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
23	24	256237	MAG	MA, CRY		WH, L GY	FR		Mottled
24	25	236238	MAG	MA, CRY		WH, L GY	FR		Mottled
25	26	256239	MAG	MA, CRY	tr py	D GY	FR		Mottled
26	27	256240	MAG	MA, CRY	min SLST	D GY	FR		Mottled
27	28	256241	MAG	MA, CRY	min SLST	D GY	FR		Mottled, med % fn grnd DMT?
28	29	256242	MAG	MA, CRY		M GY	FR		Mottled, wet, water cut
29	30	256243	MAG	MA, CRY		D GY	FR		Mottled, wkly graphitic, wet
30	31	256244	MAG	MA, CRY		D GY	FR		Mottled, dry
31	32	256245	MAG	MA, CRY		M GY	FR		Mottled, minor yellow/orange staining, dry
32	33	256246	MAG	MA, CRY		M GY	FR		Mottled, dry
33	34	256247	MAG	MA, CRY		WH, M GY	FR		Mottled, min fn grnd DMT?, dry
34	35	256248	MAG	MA, CRY		M GY	FR		Mottled, dry
35	36	256249	MAG	MA, CRY		M GY	FR		Mottled, dry
36	37	256250	MAG	MA, CRY		M GY	FR		Mottled, wet, minor contamination
37	38	256251	MAG	MA, CRY		M GY	FR		Mottled, wet, minor contamination
38	39	256252	MAG	MA, CRY		M GY	FR		Motled, wet, med contamination
39	40	256253	MAG	MA, CRY		M GY	FR		Mottled, wet, med contamination
40	41	256254	MAG	MA, CRY		M GY	FR		Mottled, wet, min contamination E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.8E 1838.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 29/8/96

HOLE NO: 96 HDOT SI RC20
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	11		SLST						Overburden, Whites Formation
11	12	256090	MAG	MA, CRY		WH, PI, L GY	FR		Weakly mottled
12	13	256091	MAG	MA, CRY		WH, PI	FR		
13	14	256092	MAG	MA, CRY		M GY	FR		Mottled
14	15	256093	MAG	MA, CRY		L GY	FR		Mottled
15	16	256094	MAG	MA, CRY		L GY	FR		Mottled
16	17	256095	MAG	MA, CRY	tr py silt	M GY	FR		Mottled
17	18	256096	MAG	MA, CRY	tr py, SLST	M GY	FR		Mottled
18	19	256097	MAG	MA, CRY	tr py, SLST	M GY	FR		Mottled
19	20	256098	MAG	MA, CRY	tr SLST	M GY	FR		Mottled
20	21	256099	MAG	MA, CRY		M GY	FR		Mottled
21	22	256100	MAG	MA, CRY		M GY	FR		Mottled
22	23	256201	MAG	MA, CRY	tr py, tr SLST	M GY	FR		Mottled
23	24	256202	MAG	MA, CRY		M GY	FR		Mottled
24	25	256203	MAG	MA, CRY		WH, M GY	FR		Mottled
25	26	256204	MAG	MA, CRY		M GY	FR		Mottled
26	27	256205	MAG	MA, CRY		WH, L GY	FR		Mottled
27	28	256206	MAG	MA, CRY		WH	FR		

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.8E 1838.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 29/8/96

HOLE NO: 96 HDOT SI RC20
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
28	29	256207	MAG	MA, CRY		WH, L GY	FR		Mottled, more finely xtalline, DMT?
29	30	256208	MAG	MA, CRY		M GY	FR		Mottled, more finely xtalline, DMT?
30	31	256209	MAG	MA, CRY		M GY	FR		Mottled, more finely xtalline, DMT?
31	32	256210	MAG	MA, CRY		M GY	FR		Motled, more finely xtalline, DMT?
32	33	256211	MAG	MA, CRY		M GY	FR		Mottled, more finely xtalline, DMT?
33	34	256212	MAG	MA, CRY	tr talc?	M GY	FR		Mottled, more finely xtalline, DMT?
34	35	256213	MAG	MA, CRY		M GY	FR		Mottled
35	36	256214	MAG	MA, CRY		M GY	FR		Mottled, DMT?
36	37	256215	MAG	MA, CRY		M GY	FR		Mottled, DMT?
37	38	256216	MAG	MA, CRY		M GY	FR		Mottled, DMT?
38	39	256217	MAG	MA, CRY		M GY	FR		Mottled
39	40	256218	MAG	MA, CRY		M GY	FR		Mottled, DMT?
40	41	256219	MAG	MA, CRY		M GY	FR		Mottled, DMT, Water,
41	43								Hole terminated due to cavity extending from 40.75m to below target depth of 43m
									Cavity, E.O.H 43m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.6E 1914.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 29/8/96

HOLE NO: 96 HDOT SI RC21
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	30							Whites	Overburden, Whites Formation, no water cut

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3962.8E 1515.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/9/96

HOLE NO: 96 HDOT SI RC22
AZIMUTH: MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	36								Pressurised water return @ 21m
									Overburden, clays, traces of magnesite in chips

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3961.1E 1596.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 14/9/96

HOLE NO: 96 HDOT SI RC23
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	43								Hole wet @ 16m. Hole terminated @ 43m in wet skeletal magnesite and abundant wet orange brown clays.

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3962.1E 1994.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/8/96

HOLE NO: 96 HDOT SI RC24
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	1		ALL/CLY	OX, SLY		BR	HW		Overburden
1	2		ALL/CLY	OX, SLY		BR	HW		Overburden
2	3		CLY	OX		BR, OR	HW		Overburden
3	4		CLY	OX		OR	HW		Residual?
4	5		CLY	OX		OR	HW		Residual?
5	6		CLY	OX		OR	HW		Residual?
6	7		CLY	OX		OR, L BR	HW		Residual?
7	8		CLY	OX		OR, D BR	HW		Residual?
8	9		CLY	OX		OR, D BR	HW		Residual?
9	10	256029	MAG	CRY	min qtz	L GY, D GY	SW		Mottled
10	11	256030	MAG	CRY, MA		L GY, D GY	FR		Mottled
11	12	256031	MAG	CRY, MA		WH, L GY, D GY	FR		Mottled
12	13	256032	MAG	CRY, MA		WH, L GY	FR		Mottled
13	14	256033	MAG	CRY, MA		WH, L GY	FR		Mottled
14	15	256034	MAG	CRY, MA		WH, M GY	FR		Mottled
15	16	256035	MAG	CRY, MA		WH, M GY	FR		Mottled
16	17	256036	MAG	CRY, MA		WH, M GY	FR		Mottled
17	18	256037	MAG	CRY, MA		WH, L GY	FR		

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3962.1E 1994.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/8/96

HOLE NO: 96 HDOT SI RC24
AZIMUTH: - MAG/GRID

NOTE: Water cut @ 18m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
18	19	256038	MAG	CRY, MA		WH, L GY	FR		Water cut, wet
19	20	256039	MAG	CRY, WK CHL?, MA		WH, L GY	FR		
20	21	256040	MAG	CRY, WK CHL?, MA		WH, L GY	FR		Mottled
21	22	256041	MAG	CRY, MA		WH, L GY	FR		Mottled
22	23	256042	MAG	CRY, MA		WH, PI, L GY	FR		Weakly mottled
23	24	256043	MAG	CRY, MA		WH, PI, L GY	FR		Partly mottled L GY fragments
24	25	256044	MAG	CRY, MA		WH, L GY	FR		Mottled
25	26	256045	MAG	CRY, MA		L GY	FR		Mottled
26	27	256046	MAG	CRY, MA		WH, L GY	FR		Mottled
27	28	256047	MAG	CRY, MA		L GY, WH, PI	FR		Mottled
28	29	256048	MAG	CRY, MA		M GY, D GY	FR		Mottled
29	30	256049	MAG	CRY, MA	Minor py(tr)	M GY, D GY	FR		Mottled
30	31	256050	MAG	CRY, MA		L GY	FR		Mottled
31	32	256051	MAG	CRY, MA		L GY	FR		Mottled
32	33	256052	MAG	CRY, MA	tr py	WH, L GY	FR		Mottled
33	34	256053	MAG	CRY, MA	tr py	WH, L GY	FR		Mottled
34	35	256054	MAG	CRY, MA	tr py	WH	FR		
35	36	256055	MAG	CRY, MA	tr py	WH	FR		

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3962.1E 1994.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/8/96

HOLE NO: 96 HDOT SI RC24
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
36	37	256056	MAG	CRY, MA	tr py	WH, L GY	FR		Weakly mottled
37	38	256057	MAG	CRY, MA	tr py	WH, L GY	FR		Mottled
38	39	256058	MAG	CRY, MA		WH, PI	FR		
39	40	256059	MAG	CRY, MA		WH, L GY	FR		Mottled, E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3961.9E 2155.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/8/96

HOLE NO: 96 HDOT SI RC25
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE: Water cut @ 12m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	6		ALL/CLY	OX, PBY		D BN	MW	Whites?	Overburden
6	7		SLST	OX		D BN	MW	Whites?	
7	8		SLST	OX		D BN	MW	Whites?	
8	9		SLST	OX		D BN	MW		
9	10		SLST	OX		D BN	MW		
10	11		SLST	OX		D BN	MW		Occassional thin bands, BL/GY FR SLST
11	12		SLST	OX		D BN	MW		Occassional thin bands, BL/GY FR SLST
12	13		SLST	OX		D BN	MW		Water cut
13	14		SLST	OX		D BN	MW		Many soft layers (cavities?)
14	15		SLST	OX		D BN	MW		Many soft layers (cavities?)
15	16		SLST	OX		D BN	MW		Many soft layers (cavities?)
16	17		SLST	MW		D BN	MW		
17	18		SLST	MW		D BN	MW		
18	19		SLST	MW		D BN	MW		
19	20		SLST	MW		D BN	MW		
20	21	256060	MAG	FR, CRY		L GY	FR		Minor SLST
21	22	256061	MAG	CRY, MA		WH, L GY	FR		Minor SLST
22	23	256062	MAG	CRY, MA	tr py	WH, L GY	FR		Minor SLST
23	24	256063	MAG	CRY, MA	tr py	WH, GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3961.9E 2155.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/8/96

HOLE NO: 96 HDOT SI RC25
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
24	25	256064	MAG	CRY, MA	tr py	M GY	FR		Mottled
25	26	256065	MAG	CRY, MA		WH, L GY	FR		Mottled
26	27	256066	MAG	CRY, MA		WH, L GY	FR		Mottled
27	28	256067	MAG	CRY, MA		WH, L GY	FR		Mottled
28	29	256068	MAG	CRY, MA		WH, L GY	FR		Mottled, minor SLST
29	30	256069	MAG	CRY, MA		M GY	FR		Mottled, minor SLST
30	31	256070	MAG	CRY, MA		M GY	FR		Mottled
31	32	256071	MAG	CRY, MA	tr py	M GY	FR		Mottled
32	33	256072	MAG	CRY, MA	tr qtz	M GY	FR		Mottled
33	34	256073	MAG	CRY, MA		M GY	FR		Motled
34	35	256074	MAG	CRY, MA		M GY	FR		Mottled
35	36	256075	MAG	CRY, MA		M GY	FR		Mottled
36	37	256076	MAG	CRY, MA		M GY	FR		Mottled
37	38	256077	MAG	CRY, MA		M GY	FR		Mottled
38	39	256078	MAG	CRY, MA		M GY	FR		Mottled
39	40	256079	MAG	CRY, MA		WH, L GY	FR		MOttled
40	41	256080	MAG	CRY, MA		WH, L GY	FR		Mottled
41	42	256081	MAG	CRY, MA		M GY	FR		Mottled
42	43	256082	MAG	CRY, MA		M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3961.9E 2155.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/8/96

HOLE NO: 96 HDOT SI RC25
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
43	44	256083	MAG	CRY, MA		M GY	FR		Mottled, minor SLST contamination
44	45	256084	MAG	CRY, MA		M GY	FR		Mottled, wet
45	46	256085	MAG	CRY, MA		M GY	FR		Mottled, minor SLST contamination, wet
46	47	256086	MAG	CRY, MA		-	FR		Mottled
47	48	256087	MAG	CRY, MA		WH, D GY	FR		Mottled
48	49	256088	MAG	CRY, MA		WH, D GY	FR		Mottled
49	50	256089	MAG	CRY, MA		WH, D GY	FR		Mottled, minor DMT, E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC26
CO-ORDS: 3883.3E 1509.7N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 3/9/96
PAGE: 1 OF 1

NOTE: Collar 5m South of peggged location, water cut @ 10m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	10						OX		Overburden, residual clays
10	11		CBRK	MX, DMT	qtz	M GY	HW		Mainly qtz & dol, water cut
11	12		CBRK	MX, DMT	60 silica	WH	HW		Silicified MAG ~ 10%, minor DOL
12	13				70 silica	WH	HW		Highly siliceous, ~ 10% silicified MAG
13	14				80 silica	WH	HW		Highly siliceous, ~ 10% silicified MAG
14	15				80 silica	WH	HW		Silicified MAG pseudomorphs
15	16		CBRK	MX, DMT	20 silica	D GY, WH	HW		DOL plus qtz
16	26		CBRK						
26	36		MAG		clays				Highly contaminated rock - poor sample return- no samples retained E.O.H 36m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3884.8E 1603.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 8/9/96

HOLE NO: 96 HDOT SI RC27
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Hole ~ 7m North of pegged location (7m @ 009° MAG), water cut @ 19m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								Water cut @ 19m
0	21						OX		Overburden, BN, OG CLY, qtz
21	22	256480	MAG	MA, CRY		M GY	FR		Mottled, minor detrital qtz, contamination
22	23	256481	MAG	MA, CRY		M GY	FR		Mottled, contamination
23	24	256482	MAG	MA, CRY		M GY	FR		Mottled, contamination
24	25	256483	MAG	MA, CRY	tr py	L GY	FR		Mottled, minor contamination
25	26	256484	MAG	MA, CRY	tr py	L GY	FR		Mottled, minor contamination
26	27	256485	MAG	MA, CRY	tr py	L GY	FR		Mottled, minor contamination
27	28	256486	MAG	MA, CRY		L GY	FR		Cavity, grossly contaminated
28	43							CAVITY	E.O.H Hole terminated @ 43m.
									Hole terminated in cavity, rock increasingly dolomitic toward base of hole, low to no sample return - unmanageable water - all sample dolomite @ 43m.

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3880.8E 1654.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 8/9/96

HOLE NO: 96 HDOT SI RC28
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Water cut @ 12m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								clays, overburden, tr MAG
0	20						OX		Water @ 12m, tr DOL, tr qtz
20	21	256487	CBRK	MX, DMT		M GY	FR		Contaminated
21	22	256488	CBRK	MX, DMT	tr di py	M GY	FR		Contaminated
22	23	256489	CBRK	MX, DMT		M GY	FR		Minor contamination
23	24	256490	CBRK	MX, DMT		M GY	FR		
24	25	256491	CBRK	MX, DMT	tr MAG	M GY	FR		
25	26	256492	CBRK	MX, DMT	tr MAG	M GY	FR		Cavity - skeletal MAG - highly siliceous in part
26	51		CBRK	MAG					Cavity - skeletal MAG. Hole terminated @ 51m - still in skeletal MAG, low sample return, grossly contaminated, inmanageable water

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC29
CO-ORDS: 3882.1E 1756.0N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 27/8/96 & 9/9/96
PAGE: 1 OF 1

NOTE: Hole re-entered 9/9/96 @ 30m, water cut @ 7m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	30								Water @ 7m. All overburden - mainly quartz pseudomorphs, yellow clays, minor siltstone.
30	41								Yellow brown clays, abundant water, cavity @ 41m, rods torquing up - hole terminated due to risk of bent rods - skeletal magnesite from 30 - 41, very low to no recovery - all highly contaminated *NB no rods bent but sub damaged * 2m pre-collar destroyed on drillers exiting hole

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 1834.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 27/8/96

HOLE NO: 96 HDOT SI RC30
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE: Water cut @ 9 m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	7		CLY			BN, OR	RCL		Overburden, dry.
7	10		CLY, CBRK	DMT		DK GY	SAP		Minor dolomite, Dk Gy
10	11	256001	CBRK	DMT		DK GY, LT GY	MW, SAP		Water @ 9m.
11	12	256002	CBRK	DMT		DK GY, LT GY	BOX		Very fine grained, mottled
12	13	256003	CBRK	DMT		DK GY, LT GY	FR		Very fine grained, mottled
13	14	256004	CBRK	DMT	-	DK GY, LT GY	FR		Very fine grained, mottled
14	15	256005	CBRK	DMT	Minor qtz	DK GR, LT GY	FR		Very fine grained, mottled
15	16	256006	CBRK	DMT		DK GY	FR		Very fine grained, weakly mottled
16	17	256007	CBRK	DMT	Minor py?	DK GY	FR		Very fine grained, weakly mottled
17	18	256008	CBRK	DMT	Minor py?	DK GY	FR		Very fine grained, weakly mottled
18	19	256009	CBRK	DMT	Minor py?	DK GY	FR		Very fine grained, weakly mottled
19	20	256010	CBRK	DMT	Minor py?	MED GY	FR		0.75M cavity, weakly mottled
20	21	256011	CBRK	DMT		MED GY	FR		Very fine grained, weakly mottled
21	22	256012	CBRK	DMT	Minor py, qtz	MED GY	FR		Very fine grained, weakly mottled
22	23	256013	CBRK	DMT	Minor py, qtz	MED GY	FR		Very fine grained, min qtz veins ~ 2mm
23	24	256014	CBRK	DMT	Minor py	MED GY	FR		Very fine grained, minor dissem sulphides
24	25	256015	CBRK	DMT	Minor py, qtz	MED GY	FR		High % plastic, dispersive clay
25	26								No sample
26	27								No sample

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 1834.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 27/8/96

HOLE NO: 96 HDOT SI RC30
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE: BS = Bulk sample (minus splitter)

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
27	28								No sample
28	29	256016	CBRK	DMT	Minor by, qtz	MED GY	FR		Minor magnesite
29	30	256017	CBRK	DMT=MAG		MED GY	FR		Med magnesite, coarsely xtalline
30	31	256018	CBRK	MAG>DMT		WT, MED GY	FR		~ 60% Magnesite, Min DMT
31	32								No sample
32	33	256019	CBRK	DMT, MAG	Minor qtz	WH, MED GY	FR		~ 50% Magnesite, Minor qtz, BS* wet
33	34	256020	CBRK	MAG>DMT		MED GY	FR		~ 90% Magnesite, BS, wet
34	35	256021	CBRK	MAG	Minor qtz	MED GY	FR		~ 95% Magnesite, minor qtz, mottled, BS
35	36	256022	CBRK	MAG	Minor py, qtz	MED GY	FR		~ 95% Magnesite, mottled, BS wet
36	37	256023	CBRK	MAG	Minor qtz	MED GR, WH	FR		~ 95% Magnesite, mottled, BS wet
37	38	256024	CBRK	MAG	Minor py, qtz	MED GY, WH	FR		~ 95% Magnesite, mottled, BS wet
38	39	256025	CBRK	MAG		MED GR. WH	FR		~ 95% Magnesite, mottled, BS wet
39	40	256026	CBRK	MAG	minor qtz	MED GY,	FR		~ 95% Magnesite, mottled BS wet
40	41	256027	CBRK	MAG	Minor qtz	MED GY	FR		~ 95% Magnesite, mottled, BS wet
41	42	256028	CBRK	MAG		MED GY	FR		Minor DMT - contaminated? E.O.H
									Hole terminated - all mechanical faults for poor sample return, excluded - hole is possibly in a fractured zone - geology is indicated as being cause of sample loss

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3884.4E 1912.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 9/9/96

HOLE NO: 96 HDOT SI RC31
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Water cut @ 16m
Hole 2m SE of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								Water in hole @ 16m
0	51								D BN clays, detrital qtz, tr unsilicified magnesite, minor dolomite, abundant water - hole terminated

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3884.2E 1993.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 9/9/96

HOLE NO: 96 HDOT SI RC32
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE: Hole approximately 1.5m east of pegged location, water cut @ 6m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	6						OX		BN clay, dextrital qtz
6	7	256493	MAG	MA, CRY		M GY	FR		Water in hole @ 6m, contaminated
7	8	256494	MAG	MA, CRY		WH, M GY	FR		Mottled, minor contamination
8	9	256495	MAG	MA, CRY		WH, M GY	FR		Mottled, clean
9	10	256496	MAG	MA, CRY		WH, M GY	FR		Mottled
10	11	256497	MAG	MA, CRY		WH, M GY	FR		Mottled
11	12	256498	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
12	13	256499	MAG	MA, CRY	tr py	L GY	FR		Mottled
13	14	256500	MAG	MA, CRY		WH	FR		
14	15	256501	MAG	MA, CRY	tr qtz	WH	FR		More finely crystalline
15	16	256502	MAG	MA, CRY		WH	FR		Minor PI, L GY
16	17	256503	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
17	18	256504	MAG	MA, CRY		WH	FR		Minor L PI
18	19	256505	MAG	MA, CRY		WH	FR		Minor L PI
19	20	256506	MAG	MA, CRY		WH	FR		Minor L GY
20	21	256507	MAG	MA, CRY	tr py	WH	FR		Minor L GY
21	22	256508	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
22	23	256509	MAG	MA, CRY	tr py	WH, L GY	FR		tr contamination
23	24	256510	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC32
CO-ORDS: 3884.2E 1993.5N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 9/9/96
PAGE: 2 OF 2

NOTE: Hole approximately 1.5m east of pegged location, water cut @ 6m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
24	25	256511	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
25	26	256512	MAG	MA, CRY	tr py	L BY	FR		Weakly mottled
26	27	256513	MAG	MA, CRY	tr py	M GY	FR		Mottled
27	28	256514	MAG	MA, CRY	tr py	M GY	FR		Mottled ~ 10% finer grained
28	29	256515	MAG	MA, CRY	tr py	M GY	FR		Mottled
29	30	256516	MAG	MA, CRY	tr py	M GY	FR		Mottled
30	31	256517	MAG	MA, CRY		M GY	FR		Mottled, minor fine grained, tr contamination
31	32	256518	MAG	MA, CRY	tr py	M GY	FR		tr contamination - clay
32	33	256519	MAG	MA, CRY	tr py	M GY	FR		tr contamination - clay
33	34	256520	MAG	MA, CRY	tr py	M GY	FR		Mottled
34	35	256521	MAG	MA, CRY		M GY	FR		Mottled
35	36	256522	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
36	37	256523	MAG	MA, CRY		L GY	FR		Weakly mottled
37	38	256524	MAG	MA, CRY		L GY	FR		Weakly mottled
38	39	256525	MAG	MA, CRY		M GY	FR		Mottled
39	40	256526	MAG	MA, CRY	tr <py<05	M GY, D GY	FR		Mottled, E.O.H 40m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.5E 2155.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC33
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE: Water cut @ 6m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	9						OX		Overburden, soil, DB CLY, pisolitic at surface, hole wet @ 6m
9	10	256545	MAG	MA, CRY	tr py	M GY	FR		Mottled, clay contaminated
10	11	256546	MAG	MA, CRY	0.5 py, talc	WH, L GY	FR		Mottled, minor orange talc
11	12	256547	MAG	MA, CRY	0.5 py	WH, L GY	FR		Mottled, clay contamination
12	13	256548	MAG	MA, CRY	tr py	L GY	FR		Mottled, minor clay contamination
13	14	256549	MAG	MA, CRY		WH, L GY	FR		Mottled, tr contamination, clay
14	15	256550	MAG	MA, CRY		WH, L GY	FR		Minor contamination
15	16	256551	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr contamination
16	17	256552	MAG	MA, CRY	tr py, tr qtz	WH, L GY	FR		Mottled, clean
17	18	256553	MAG	MA, CRY		WH, L GY	FR		Mottled
18	19	256554	MAG	MA, CRY		WH, M GY	FR		Mottled
19	20	256555	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
20	21	256556	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
21	22	256557	MAG	MA, CRY	tr py	WH, D GY	FR		Mottled
22	23	256558	MAG	MA, CRY	tr py, chlorite	WH, D GY	FR		Mottled, minor chlorite veining
23	24	256559	MAG	MA, CRY	min py, chlorite	M GY	FR		Mottled, minor chlorite veining
24	25	256560	MAG	MA, CRY	tr py	M GY	FR		Mottled
25	26	256561	MAG	MA, CRY	tr py, talc	M GY	FR		Mottled, min WH talc

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.5E 2155.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC33
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
26	27	256562	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
27	28	256563	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
28	29	256564	MAG	MA, CRY	tr py	WH, L GY	FR		Tr clay contamination
29	30	256565	MAG	MA, CRY		M GY	FR		Min clay contamination
30	31	256566	MAG	MA, CRY	tr py	M GY	FR		Min clay contamination
31	32	256567	MAG	MA, CRY	tr py	WH, L GY	FR		Tr clay contamination
32	33	256568	MAG	MA, CRY		M GY	FR		Mottled, clean
33	34	256569	MAG	MA, CRY	tr py	M GY	FR		Mottled
34	35	256570	MAG	MA, CRY	tr py	M GY	FR		Mottled
35	36	256571	MAG	MA, CRY		M GY	FR		Minor clay contamination
36	37	256572	MAG	MA, CRY	tr py	M GY	FR		Tr clay contamination
37	38	256573	MAG	MA, CRY	tr py	WH, L GY	FR		Tr clay contamination
38	39	256574	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
39	40	256575	MAG	MA, CRY		WH, M GY	FR		Mottled
40	41	256576	MAG	MA, CRY	tr py	WH, PI, M GY	FR		Weakly mottled
41	42	256577	MAG	MA, CRY	0.5 py	WH, M GY	FR		Minor strongly pyritic talc/chlorite rock
42	43	256578	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
43	44	256579	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.5E 2155.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC33
AZIMUTH: MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
44	45	256580	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
45	46	586581	MAG	MA, CRY	tr py	WH, M GY	FR		Tr talc/chlorite rock

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3878.6E 2239.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 11/9/96

HOLE NO: 96 HDOT SI RC34
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	10						OX		Water in hole @ 6m. Clays, sandy clays BN, OR
10	11	256605	CBRK	DMT	tr py	M GY	FR		Minor contamination
11	12	256606	CBRK	DMT/MAG	tr py	M GY	FR		Tr contamination
12	13	256607	MAG	MA, CRY	tr py	M GY	FR		Tr contamination
13	14	256608	MAG	MA, CRY	tr py	M GY	FR		Tr contamination
14	15	256609	MAG	MA, CRY	tr py	M GY	FR		Minor contamination
15	16	256610	MAG	MA, CRY		WH, L GY	FR		Tr contamination
16	17	256611	MAG	MA, CRY		M GY	FR		Mottled, clean
17	18	256612	MAG	MA, CRY	tr py	M GY	FR		Mottled
18	19	256613	MAG	MA, CRY	tr py, chl	M GY	FR		Mottled, tr contamination
19	20	256614	MAG	MA, CRY	min py	M GY	FR		Mottled
20	21	256615	MAG	MA, CRY	0.5 py, chl	M GY	FR		Mottled
21	22	256616	MAG	MA, CRY	tr py, chl	M GY	FR		Mottled
22	23	256617	MAG	MA, CRY	tr py, chl	M GY	FR		Mottled
23	24	256618	MAG	MA, CRY	2 py	V D GY	FR		Weakly mottled, mod pyritic
24	25	256619	MAG	MA, CRY	tr py	M GY	FR		Tr contamination
25	26	256620	MAG	MA, CRY		M GY	FR		Mottled
26	27	256621	MAG	MA, CRY	1 py	M GY	FR		Mottled, tr contamination

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3878.6E 2239.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 11/9/96

HOLE NO: 96 HDOT SI RC34
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
27	28	256622	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr contamination
28	29	256623	MAG	MA, CRY	tr py	M GY	FR		Mottled
29	30	256624	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr contamination
30	31	256625	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
31	32	256626	MAG	MA, CRY	1 py	D GY	FR		Mottled
32	33	256627	MAG	MA, CRY	tr py	M GY	FR		Mottled
33	34	256628	MAG	MA, CRY	tr py	M GY	FR		Motled
34	35	256629	MAG	MA, CRY		WH, M GY	FR		Mottled
35	36	256630	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
36	37	256631	MAG	MA, CRY		M GY	FR		Mottled
37	38	256632	MAG	MA, CRY	tr chlorite	M GY	FR		Tr qtz
38	39	256633	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
39	40	256634	MAG	MA, CRY	0.5 py, chl	M GY	FR		Mottled, minor chlorite
40	41	256635	MAG	MA, CRY	tr py	M GY	FR		Mottled
41	42	256636	MAG	MA, CRY	tr py, tr chl	M GY	FR		Motled
42	43	256637	MAG	MA, CRY		M GY	FR		Mottled
43	44	256638	MAG	MA, CRY	tr py	M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3878.6E 2239.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 11/9/96

HOLE NO: 96 HDOT SI RC34
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
44	45	256639	MAG	MA, CRY		M GY	FR		Mottled
45	46	256640	MAG	MA, CRY	tr py	D GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC35
CO-ORDS: 3862.1E 1995.1N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 9/9/96
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	11						OX		Overburden, brown and orange clays
11	12	256527	MAG	MA, CRY		M GY	FR		Minor contamination
12	13	256528	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled, possible contamination
13	14	256529	MAG	MA, CRY	tr qtz	M GY	FR		Minor contamination
14	15	256530	MAG	MA, CRY	tr qtz, min py	M GY	FR		Minor contamination
15	16	256531	MAG	MA, CRY		M GY	FR		Contaminated
16	17	256532	MAG	MA, CRY	tr py	M GY	FR		Minor contamination
17	18	256533	MAG	MA, CRY	tr qtz	M GY	FR		Tr contamination
18	19	256534	MAG	MA, CRY		M GY	FR		Contaminated
19	20								Cavity
20	21								Grossly contaminated, DMT
21	22								Cavity, dry
22	23								Cavity, dry
23	24								Cavity, dry
24	25								Cavity, wet
25	26								Cavity, drying up
26	27								Cavity - Resampling commenced
27	28	256535	MAG	CRY	tr qtz	M GY			Contaminated, skeletal?

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC35
CO-ORDS: 3862.1E 1995.1N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 9/9/96
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
28	29	256536	MAG	CRY	min chlorite/talc	M GY			Minor contamination
29	30	256537	MAG	CRY	chl, talc	M GY			~ 10% talc/chlorite rock
30	31	256538	MAG	CRY	chl, talc	D GY	FR?		Min talc/chlorite rock
31	32	256539	MAG	CRY	chl, talc	M GY	FR?		Min talc/chlorite rock
32	33	256540	~ 50 MAG	CRY	chl, talc,	D GY	FR?		~ 50% talc/chlorite rock
33	34	256541	MAG	CRY	chl, talc tr di py	D GY	FR?		Min talc/chlorite rock
34	35	256542	MAG	CRY		D GY	FR?		Min talc/chlorite rock
35	36	256543	~ 40 MAG	CRY		D GY	FR?		~ 60% talc, chlorite rock
36	37	256544							E.O.H - rods bogged, talc/chlorite rock D GN, D BN to Bk, very fine grained, rounded fragments

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3862.4E 2075.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC36
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Water cut @ 39m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	51								Overburden, BN & OR CLY, mw chlorite/talc rock, possibly detrital Whites, D GN BN, very fine grained, water in hole @ 39m, hammer working @ 40m, tr MAG, abundant water 40 - 51m. E.O.H 51m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3842.8E 2156.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC37
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE: Water cut @ 13m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	8						OX		Overburden, soil, BN clays
8	9	256582	MAG	MA, CRY		PI, M GY	FR		Minor contamination
9	10	256583	MAG	MA, CRY	tr py	PI, D GY	FR		Mottled, clean
10	11	256584	MAG	MA, CRY	tr py, tr dol	D GY	FR		Mottled, tr talc/chlorite rock, BK
11	12	256585	MAG	MA, CRY	min py	M GY	FR		Mottled
12	13	256586	MAG	MA, CRY	tr qtz	M GY	FR		Mottled, tr clay contamination
13	14	256587	MAG	MA, CRY	tr py	L GY	FR		Mottled, water cut
14	15	256588	MAG	MA, CRY		L GY	FR		tr contamination, clay
15	16	256289	MAG	MA, CRY	tr py	M GY	FR		Mottled
16	17	256590	MAG	MA, CRY		L GY	FR		Mottled
17	18	256591	MAG	MA, CRY		L GY	FR		tr clay contamination
18	19	256592	MAG	MA, CRY	tr py	M GY	FR		Mottled
19	20	256593	MAG	MA, CRY		M GY, PI	FR		Mottled, PI finer grained
20	21	256594	MAG	MA, CRY	tr py	M GY	FR		Mottled
21	22	256595	MAG	MA, CRY		M GY	FR		tr clay contamination
22	23	256596	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
23	24	256597	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
24	25	256598	MAG	MA, CRY	0.5 py	M GY	FR		Minor highly pyritic talc/chlorite rock
25	26	256599	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3842.8E 2156.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC37
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
26	27	256600	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
27	28	256601	MAG	MA, CRY	tr py	M GY	FR		Minor BK talc/chlorite rock
28	29	256602	MAG	MA, CRY		M GY	FR		Tr BK talc/chlorite rock
29	30	256603	MAG	MA, CRY		M GY	FR		Mottled
30	31	256604	MAG	MA, CRY	tr qtz	M GY	FR		Tr contamination
31	32								Cavity
32	33								Cavity
33	34								Cavity
34	35								Cavity
35	36								Cavity
36	37								Cavity
37	38								Cavity
38	39								Cavity
39	40								Cavity
40	41								Cavity
41	42								Cavity
42	43								Hole terminated @ 43m ~ still in cavity, copious water

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3804.6E 2153.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC38
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Water cut @ 28m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	42								Overburden, clays, water @ 28m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3801.6E 2233.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 10/9/96

HOLE NO: 96 HDOT SI RC39
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	43								Overburden, Orange, Brown and Black clays, slope wash. Wet @ 7m, possibly Whites Formation

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC40
CO-ORDS: 4021.7E 1912.6N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 11/9/96
PAGE: 1 OF 1

NOTE: *This hole 22m true West (Mag 086) from 96 HDOTSIRC21

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	6								Overburden, clays
6	59		SLST	CLT		D BR	HW-MW		Water in hole @ 13.5m. Detrital Whites?, clays HW-MW Whites Formation EOH @ 59m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.9E 1715.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 11/9/96

HOLE NO: 96 HDOT SI RC41
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	22						OX		Overburden, BN, OR clay
22	23	256641	MAG	MA, CRY		M GY	FR		Water in hole @ 13.5m
23	24	256642	MAG	MA, CRY		D GY	FR		Tr contamination
24	25	256643	MAG	MA, CRY		D GY	FR		Clean, mottled
25	26	256644	MAG	MA, CRY		WH, M GY	FR		Mottled
26	27	256645	MAG	MA, CRY	tr qtz	M GY	FR		Mottled
27	28	256646	MAG	MA, CRY		M GY	FR		Mottled
28	29	256647	MAG	MA, CRY		M GY	FR		Mottled
29	30	256648	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr contamination
30	31	256649	MAG	MA, CRY		M GY	FR		Mottled, tr contamination
31	32	256650	MAG	MA, CRY		M GY	FR		Mottled
32	33	256651	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
33	34	256652	MAG	MA, CRY		M GY	FR		Mottled
34	35	256653	MAG	MA, CRY		M GY	FR		Mottled
35	36	256654	MAG	MA, CRY		M GY	FR		Mottled
36	37	256655	MAG	MA, CRY		D GY	FR		Mottled
37	38	256656	MAG	MA, CRY	0.5 py	D GY	FR		Mottled, tr contamination

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
PROSPECT: HUANDOT
HOLE NO: 96 HDOT SI RC41
CO-ORDS: 4042.9E 1715.3N LOCAL GRID
DIP: -90°
AZIMUTH: - MAG/GRID
DRILLERS: ROCKDRIL
DRILLRIG: HAMMERTRAK 2000
LOGGED BY: IAN TURNER
DATE: 11/9/96
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
38	39	256658	MAG	MA, CRY		M GY	FR		Mottled
40	41	256659	MAG	MA, CRY		M GY	FR		Mottled
41	42	256660	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
42	43	256661	MAG	MA, CRY	tr py, tr qtz	M GY	FR		Mottled
43	44	256662	MAG	MA, CRY		M GY	FR		Mottled
44	45	256663	MAG	MA, CRY	tr di py	M GY	FR		Mottled
45	46	256664	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
46	47	256665	MAG	MA, CRY		WH, M GY	FR		Mottled
47	48	256666	MAG	MA, CRY	tr py	M GY	FR		Mottled
48	49	256667	MAG	MA, CRY	tr di py	M GY	FR		Mottled
49	50	256668	MAG	MA, CRY	tr py, chlorite	M GY	FR		Mottled
50	51	256669	MAG	MA, CRY		M GY, Pl	FR		Mottled
51	52	256670	MAG	MA, CRY	tr py	L GY	FR		
52	53	256671	MAG	MA, CRY		WH, Pl, L GY	FR		
53	54	256672	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
54	55	256673	MAG	MA, CRY	tr talc	L GY	FR		Tr yellow talc
55	56	256674	MAG	MA, CRY		WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.9E 1715.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 11/9/96

HOLE NO: 96 HDOT SI RC41
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
	*NOTE Drillers replaced one rod today. Leon claims rod was damaged on this hole. I inspected rod and the female ending bulled, no cavities were encountered on this hole, no drilling difficulties were were reported to me at the time, the possibility exists that this is an old rod, possibly worn out, Leon will probably attempt to claim. I would dispute the claim, I suspect a possible cause could be because the upper grab arm is misaligned, driller often has to wriggle to make head drive in contact with the female rod end (under pressure) at rod changes.								

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.9E 1514.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/9/96

HOLE NO: 96 HDOT SI RC42
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE: Hole 40m West of 96 HDOT SI RC22

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	16						OX		Overburden, clays, water @ 10m
16	17	256463	CBRK	MX, DMT	tr WH MAG	D GY	FR		contamination
17	18	256464	CBRK	MX, DMT	tr WH MAG	D GY	FR		contamination
18	19	256465	CBRK	MX, DMT	tr WH MAG	M GY	FR		
19	20	256466	CBRK	MX, DMT	tr py	M GY	FR		
20	21	256467	CBRK	MX, DMT	tr py	M GY	FR		
21	22	256468	CBRK		tr py, qtz	M GY	FR		Silicified MAG, pseudomorphs
22	23	256469	MAG	MA, CRY		M GY	FR		Mottled
23	24	256470	MAG	MA, CRY		M GY	FR		Mottled
24	25	256471	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, banded
25	26	256472	MAG	MA, CRY		M GY	FR		Minor DOL
26	27	256473	MAG/CBRK	MA, CRY	> tr py	D GY	FR		~ 20% D GY CBRK, DMT?
27	28	256474	MAG/CBRK	MA, CRY		WH, D GY	FR		~ 5% D GY CBRK, DMT?
28	29	256475	MAG	MA, CRY		WH	FR		~ 1% D GY CBRK, DMT?
29	30	256476	MAG	MA, CRY	tr py	WH, M GY	FR		Massive contamination, wet
30	31	256477	MAG	MA, CRY		WH, M GY	FR		Massive contamination, wet
31	32	256478	MAG	MA, CRY		WH, M GY	FR		Massive contamination, damp
32	33	256479	MAG	MA, CRY		WH, M GY	FR		Massive contamination, damp, E.O.H @ 33m, possibly infilled cavity

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4205.4E 1474.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC43
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	8						OX		Water in hole @ 6m. Overburden, clays, detrital qtz
8	9	256866	MAG	MA, CRY	tr py	L GY	FR		Minor clay contamination
9	10	256867	MAG	MA, CRY		M GY	FR		Tr clay contamination
10	11	256868	MAG	MA, CRY		L GY	FR		Clean, weakly mottled
11	12	256869	MAG	MA, CRY	tr py	L GY	FR		TR clay contamination
12	13	256870	MAG	MA, CRY	tr py	WH, L GY	FR		Tr clay contamination
13	14	256871	MAG	MA, CRY	tr py	L GY	FR		Clean, weakly mottled
14	15	256872	MAG	MA, CRY	0.5py, CLT	L GY	FR		Strongly chloritised
15	16	256873	MAG	MA, CRY	tr py	M GY	FR		Mottled
16	17	256874	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
17	18	256875	MAG	MA, CRY	tr py	M GY	FR		Mottled
18	19	256876	MAG	MA, CRY		D GY	FR		Mottled
19	20	256877	MAG	MA, CRY		D GY	FR		Mottled
20	21	256878	MAG	MA, CRY	tr py	D GY	FR		Mottled
21	22	256879	MAG	MA, CRY	tr py	M GY	FR		Mottled
22	23	256880	MAG	MA, CRY	0.5 py	D GY	FR		Mottled
23	24	256881	MAG	MA, CRY		WH, M GY	FR		Mottled
24	25	256882	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4205.4E 1474.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC43
AZIMUTH: - MAG/GRID

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
25	26	256883	MAG	MA, CRY		M GY	FR		Mottled
26	27	256884	MAG	MA, CRY		M GY	FR		Mottled, finely crystalline
27	28	256885	MAG	MA, CRY		M GY	FR		Mottled
28	29	256886	MAG	MA, CRY		M GY	FR		Mottled
29	30	256887	MAG	MA, CRY		M GY	FR		Mottled
30	31	256888	MAG	MA, CRY		M GY	FR		Mottled
31	32	256889	MAG	MA, CRY		D GY	FR		Mottled
32	33	256890	MAG	MA, CRY		D GY	FR		Mottled, tr contamination
33	34	256891	MAG	MA, CRY		WH, M GY	FR		Mottled
34	35	256892	MAG	MA, CRY	tr di py	WH, M GY	FR		Mottled
35	36	256893	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
36	37	256894	MAG	MA, CRY		WH	FR		
37	38	256895	MAG	MA, CRY	tr OR talc	WH, M GY	fr		Mottled
38	39	256896	MAG	MA, CRY	tr py	PI, WH, M GY	FR		
39	40	256897	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
40	41	256898	MAG	MA, CRY	1 py	WH, M GY	FR		Mottled
41	42	256899	MAG	MA, CRY	1 py, tr WH talc	WH, M GY	FR		Mottled
42	43	256900	MAG	MA, CRY	1 py, tr WH talc	WH, M GY	FR		Mottled
43	44	256901	MAG	MA, CRY	0.5 py, tr WH talc	WH, M GY	FR		Mottled E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4129.4E 1474.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC44
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	11						OX		Overburden, clays detrital qtz
11	12	256938	MAG	MA, CRY		WH, L GY	FR		Mottled, tr contamination
12	13	256939	MAG	MA, CRY	tr py, clt	WH, L GY	FR		Mottled
13	14	256940	MAG	MA, CRY	0.5 py	WH, L GY	FR		Mottled, tr clay contamination
14	15	256941	MAG	MA, CRY		WH, L GY	FR		Contaminated
15	16	256942	MAG	MA, CRY		WH, L GY	FR		Mottled, clean
16	17	256943	MAG	MA, CRY	0.5 py	WH, L GY	FR		Mottled
17	18	256944	MAG	MA, CRY		L GY	FR		Mottled
18	19	256945	MAG	MA, CRY		M GY	FR		Mottled
19	20	256946	MAG	MA, CRY		M GY	FR		Mottled
20	21	256947	MAG	MA, CRY	tr WH talc	M GY	F		Mottled
21	22	256948	MAG	MA, CRY		WH, M GY	FR		Tr clay contamination
22	23	256949	MAG	MA, CRY	tr WH talc	WH, L GY	FR		Mottled
23	24	256950	MAG	MA, CRY	0.5 py	WH, L GY	FR		Mottled
24	25	256951	MAG	MA, CRY	tr py	L GY	FR		Mottled
25	26	256952	MAG	MA, CRY	0.5 py	L GY	FR		Weakly mottled
26	27	256953	MAG	MA, CRY	0.5 py	L GY	FR		Weakly mottled
27	28	256954	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4129.4E 1474.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC44
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
28	29	256955	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
29	30	256956	MAG	MA, CRY	0.5 py, tr OR talc	L GY	FR		Weakly mottled
30	31	256957	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
31	32	256958	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
32	33	256959	MAG	MA, CRY	0.5 py	L GY	FR		Weakly mottled
33	34	256960	MAG	MA, CRY	1 py	L GY	FR		Weakly mottled, finely xtalline
34	35	256961	MAG	MA, CRY	0.5 py	L GY	FR		Weakly mottled, hole wet
35	36	256962	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled, finely xtalline
36	37	256963	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
37	38	256964	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
38	39	256965	MAG	MA, CRY	tr py, min WH talc	L GY	FR		Weakly mottled
39	40	256966	MAG	MA, CRY		L GY	FR		Weakly mottled
40	41	256967	MAG	MA, CRY	1 py	D GY	FR		Mottled
41	42	256968	MAG	MA, CRY		D GY	FR		Mottled
42	43	256969	MAG	MA, CRY	tr py	M GY	FR		Mottled
43	44	256970	MAG	MA, CRY	tr py	L GY	FR		Mottled
44	45	256971	MAG	MA, CRY		M GYFR			Mottled
45	46	256972	MAG	MA, CRY	tr py, tr WH talc	M GY	FR		Mottled. EOH

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4159.4E 1514.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC45
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	11						OX		Overburden, clays
11	12	256902	MAG	MA, CRY	2 py	M GY	FR		Minor clay contamination
12	13	256903	MAG	MA, CRY	1 py, tr WH talc	M GY	FR		Tr clay contamination
13	14	256904	MAG	MA, CRY	1 py	M GY	FR		Tr clay contamination
14	15	256905	MAG	MA, CRY	tr py	WH, M GY	FR		Tr clay contamination
15	16	256906	MAG	MA, CRY	0.5 py	WH, M GY	FR		Tr contamination
16	17	256907	MAG	MA, CRY	2 py	D GY	FR		Mottled
17	18	256908	MAG	MA, CRY	tr py	M GY	FR		Mottled
18	19	256909	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
19	20	256910	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
20	21	256911	MAG	MA, CRY	tr py	M GY	FR		Mottled
21	22	256912	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, tr clay contamination
22	23	256913	MAG	MA, CRY	tr py	M GY	FR		Mottled
23	24	256914	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
24	25	256915	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
25	26	256916	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
26	27	256917	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
27	28	256918	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4159.4E 1514.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC45
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
28	29	256919	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
29	30	256920	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
30	31	256921	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr contamination
31	32	256922	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
32	33	256923	MAG	MA, CRY	tr py	M GY	FR		Mottled
33	34	256924	MAG	MA, CRY	tr py	D GY	FR		Mottled, finely xtalline
34	35	256925	MAG	MA, CRY	tr py, chlorite	M GY	FR		Mottled, finely xtalline
35	36	256926	MAG	MA, CRY		D GY	FR		Mottled, finely xtalline
36	37	256927	MAG	MA, CRY		D GY	FR		Mottled
37	38	256928	MAG	MA, CRY		M GY	FR		Badly contaminated
38	39	256929	MAG	MA, CRY		WH, M GY	FR		Mottled
39	40	256930	MAG	MA, CRY	clt	WH, M GY	FR		Mottled, minor chlorite
40	41	256931	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
41	42	256932	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
42	43	256933	MAG	MA, CRY	tr py	D GY	FR		Mottled
43	44	256934	MAG	MA, CRY	2 py	D GY	FR		Very weakly mottled
44	45	256935	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
45	46	256936	MAG	MA, CRY	1 py	M GY	FR		Mottled
46	47	256937	MAG	MA, CRY	tr py	M GY	FR		Mottled E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3883.2E 1955.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC46
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	5						OX		Hole wet @ 5m. Overburden, clays
5	6	256973	MAG	MA, CRY	tr py	WH, PI	FR		Contaminated, clay
6	7	256974	MAG	MA, CRY		L GY	FR		Minor contamination, clay
7	8	256975	MAG	MA, CRY	tr py	L GY	FR		Minor contamination, clay
8	9	256976	MAG	MA, CRY	tr py	WH, L GY	FR		Tr contamination
9	10	256977	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled, clean
10	11	256975	MAG	MA, CRY	0.5 pt tr qtz	L GY	FR		Weakly mottled
11	12	256979	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
12	13	256980	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
13	14	256981	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
14	15	256982	MAG	MA, CRY	min qtz	L GY	FR		Weakly mottled
15	16	256983	MAG	MA, CRY		M GY	FR		Mottled
16	17	256984	MAG	MA, CRY		M GY	FR		Mottled, tr clay contamination
17	18	256985	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
18	19	256986	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
19	20	256987	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
20	21	256988	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
21	22	256989	MAG	MA, CRY	0.5 py, tr clt	M GY	FR		Mottled
22	23	256990	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3883.2E 1955.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 13/9/96

HOLE NO: 96 HDOT SI RC46
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
23	24	256991	MAG	MA, CRY	tr py	M GY	FR		Mottled
24	25	256992	MAG	MA, CRY	0.5 py	M GY, WH	FR		Mottled
25	26	256993	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
26	27	256994	MAG	MA, CRY		M GY	FR		Mottled
27	28	256995	MAG	MA, CRY		M GY	FR		Mottled
28	29	256996	MAG	MA, CRY		M GY	FR		Mottled, tr clay contamination
29	30	256997	MAG	MA, CRY		D GY	FR		Mottled, tr clay
30	31	256998	MAG	MA, CRY	tr py, tr clt	D GY	FR		Mottled
31	32	256999	MAG	MA, CRY	tr py	D GY	FR		Mottled
32	33	257000	MAG	MA, CRY	tr py, tr clt	D GY	FR		Mottled
33	34	257001	MAG	MA, CRY	1 py, 5 clt/talc	D GY	FR		Mottled
34	35	256002	MAG	MA, CRY	tr py	M GY	FR		Mottled
35	36	257003	MAG	MA, CRY	tr py	M GY	FR		Mottled
36	37	257004	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
37	38	257005	MAG	MA, CRY		M GY	FR		Mottled
38	39	257006	MAG	MA, CRY		M GY	FR		Mottled
39	40	257007	MAG	MA, CRY		M GY	FR		Mottled E.O.H

OMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: _____E_____N AMG/LOCAL
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 14/9/96

HOLE NO: 96 HDOT SI RC47
AZIMUTH: - MAG/GRID

PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	29								Overburden, soil detrital qyz, orange/brown clays
29	36								
								Whites?	Hole wet @ 28.5m
		Hole terminated @ 36m, small horizon of whites penetrated, immediately followed up by skeletal magnesite and copious water with orange/brown clays							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.4E 1874.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/10/96

HOLE NO: 96 HDOT S2 RC48
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	8						OX		Overburden, Whites Formation @ >5m
8	9	257336	MAG	MA, CRY		M GY	FR		Tr clay contamination
9	10	257337	MAG	MA, CRY	tr clt	M GY	FR		Tr clay contamination
10	11	257338	MAG	MA, CRY		M GY	FR		Tr clay contamination
11	12	257339	MAG	MA, CRY		M GY, D GY	FR		Tr clay contamination
12	13	257340	MAG	MA, CRY		WH, M GY	FR		Tr clay contamination
13	14	257341	MAG	MA, CRY		WH, M GY	FR		Minor clay contamination
14	15	257342	MAG	MA, CRY		WH, M GY	FR		Tr clay contamination
15	16	257343	MAG	MA, CRY	tr clt	WH, M GY	FR		Tr clay contamination
16	17	257344	MAG	MA, CRY		WH, M GY	FR		Tr clay contamination
17	18	257345	MAG	MA, CRY		WH, M GY	FR		Mottled, clean
18	19	257346	MAG	MA, CRY		L GY, M GY	FR		Mottled
19	20	257347	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled, tr clay
20	21	257348	MAG	MA, CRY		WH, L GY	FR		Mottled, tr clay
21	22	257349	MAG	MA, CRY		WH, L GY	FR		Mottled, tr clay
22	23	257350	MAG	MA, CRY		WH, M GY	FR		Mottled, tr clay
23	24	257351	MAG	MA, CRY		WH, M GY	FR		Mottled, tr clay
24	25	257352	MAG	MA, CRY	tr py	M GY, D GY	FR		Mottled, tr clay

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.4E 1874.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/10/96

HOLE NO: 96 HDOT S2 RC48
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
25	26	257353	MAG	MA, CRY		M GY, D GY	FR		Mottled, tr clay
26	27	257354	MAG	MA, CRY		M GY	FR		Mottled, tr clay
27	28	257355	MAG	MA, CRY		M GY	FR		Mottled, tr clay
28	29	257356	MAG	MA, CRY		M GY	FR		Mottled, tr clay
29	30	257357	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled, tr clay
30	31	257358	MAG	MA, CRY		M GY	FR		Mottled, tr clay
31	32	257359	MAG	MA, CRY		M GY	FR		Mottled, tr clay
32	33	257360	MAG	MA, CRY		M GY	FR		Mottled, tr clay
33	34	257361	MAG	MA, CRY		M GY	FR		Mottled, tr clay
34	35	257362	MAG	MA, CRY		M GY	FR		Mottled, tr clay
35	36	257363	MAG	MA, CRY		M GY	FR		Mottled, tr clay
36	37	257364	MAG	MA, CRY		M GY	FR		Mottled, minor clay
37	38	257365	MAG	MA, CRY		M GY	FR		Mottled, tr clay
38	39	257366	MAG	MA, CRY		M GY	FR		Mottled, tr clay
39	40	257367	MAG	MA, CRY		M GY	FR		Mottled, tr clay
40	41	257368	MAG	MA, CRY	tr clt	M GY	FR		Mottled, tr clay
41	42	257369	MAG	MA, CRY		D GY	FR		Mottled, tr clay
42	43	257370	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.4E 1874.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/10/96

HOLE NO: 96 HDOT S2 RC48
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
43	44	257371	MAG	MA, CRY		M GY	FR		Mottled, minor clay
44	45	257372	MAG	MA, CRY		WH, L GY	FR		Mottled, tr clay
45	46	257373	MAG	MA, CRY		M GY	FR		Mottled, tr clay
46	47	257374	MAG	MA, CRY		M GY	FR		Mottled, E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.3E 1795.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: (1/10/96
(2/10/96

HOLE NO: 96 HDOT S2 RC49
AZIMUTH: - MAG/GRID

PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 13m
0	21						OX		Overburden, Whites Formation
21	22	257375	MAG, CBRK	MA, CRY	2 py	M GY	FR		~ 30% DMT
22	23	257376	MAG	MA, CRY	0.5 py	M GY	FR		Tr contamination
23	24	257377	MAG	MA, CRY	tr py, tr qtz	M GY	FR		Minor DMT
24	25	257378	MAG	MA, CRY	tr py, tr DMT	WH, M GY	FR		Mottled
25	26	257379	MAG	MA, CRY	2 py, clt	M GY, GN	FR		Strongly chloritised, talcose
26	27	257380	MAG	MA, CRY	tr py	M GY	FR		Mottled
27	28	257381	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
28	29	257382	MAG	MA, CRY	min clt, tr py	M GY	FR		Mottled
29	30	257383	MAG	MA, CRY	tr py, tr clt	WH, D GY	FR		Mottled, tr contamination
30	31	257384	MAG	MA, CRY	0.5 pt, tr clt	WH, D GY	FR		Mottled
31	32	257385	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
32	33	257386	MAG	MA, CRY	tr py, tr clt	WH, D GY	FR		Mottled
33	34	257387	MAG	MA, CRY	tr py, tr clt	WH, D GY	FR		Mottled
34	35	257388	MAG	MA, CRY	tr py	D GY	FR		Mottled
35	36	257389	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled, minor pale green talc/clt
36	37	257390	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4042.3E 1795.2N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: (1/10/96
(2/10/96

HOLE NO: 96 HDOT S2 RC49
AZIMUTH: - MAG/GRID

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
37	38	257391	MAG	MA, CRY	tr py	M GY	FR		Mottled
38	39	257392	MAG	MA, CRY	tr py	M GY	FR		Mottled
39	40	Grossly contaminated skeletal magnesite, copious water, cavernous - hole terminated @ 42m.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4002.5E 1675.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: (30/09/96

HOLE NO: 96 HDOT S2 RC50
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	23						OX		Overburden, water @ 16m
23	24	257292	MAG	MA, CRY	min clt	M GY	FR		Tr contamination
24	25	257293	MAG	MA, CRY		M GY	FR		Tr contamination
25	26	257294	MAG	MA, CRY	min qtz	PI, WH, L GY	FR		Weakly mottled
26	27	257295	MAG	MA, CRY	tr qtz, tr py	WH, L GY	FR		Weakly mottled
27	28	257296	MAG	MA, CRY	tr WH talc	WH, L GY	FR		Mottled
28	29	257297	MAG	MA, CRY		WH, L GY	FR		Mottled
29	30	257298	MAG	MA, CRY	min clt	L GY	FR		Mottled
30	31	257299	MAG	MA, CRY		WH, PI, L GY	FR		Weakly mottled
31	32	257300	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
32	33	257301	MAG	MA, CRY	tr py, tr qtz	L GY	FR		Mottled
33	34	257302	MAG	MA, CRY	tr clt	L GY	FR		Mottled
34	35	257303	MAG	MA, CRY		L GY	FR		Mottled
35	36	257304	MAG	MA, CRY		L GY	FR		Mottled
36	37	257305	MAG						Skeletal, hole terminated @ 45m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4002.7E 1715.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: (30/09/96

HOLE NO: 96 HDOT S2 RC51
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	3						OX		Overburden
3	4	257250	MAG	MA, CRY	tr clt	M GY	FR		Tr contamination
4	5	257251	MAG	MA, CRY		M GY	FR		Minor contamination
5	6	257252	MAG	MA, CRY		M GY	FR		Contaminated
6	7	257253	MAG	MA, CRY		M GY	FR		Contaminated
7	8	257254	MAG	MA, CRY	min WH talc	M GY	FR		Contaminated
8	9	257255	MAG	MA, CRY	tr clt	M GY	FR		Tr contamination
9	10	257256	MAG	MA, CRY	tr clt	M GY	FR		Mottled, clean
10	11	257257	MAG	MA, CRY	tr clt	M GY	FR		Mottled
11	12	257258	MAG	MA, CRY	tr clt	M GY	FR		Mottled
12	13	257259	MAG	MA, CRY		M GY	FR		Mottled
13	14	257260	MAG	MA, CRY	tr py	M GY	FR		Mottled
14	15	257261							No sample, cavity, water
15	16	257262							No sample, cavity
16	17	257263							No sample, cavity
17	18	257264	MAG	MA, CRY		L GY	FR		Minor contamination
18	19	257265	MAG	MA, CRY		WH, L GY	FR		Weakly mottled
19	20	257266	MAG	MA, CRY		WH, L GY	FR		Weakly mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4002.7E 1715.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: (30/09/96

HOLE NO: 96 HDOT S2 RC51
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
20	21	257267	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
21	22	257268	MAG	MA, CRY	min clt	WH, M GY	FR		Mottled
22	23	257269	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
23	24	257270	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
24	25	257271	MAG	MA, CRY		M GY	FR		Mottled
25	26	257272	MAG	MA, CRY	tr py	M GY	FR		Tr contamination
26	27	257273	MAG	MA, CRY		L GY	FR		Weakly mottled, contaminated
27	28	257274	MAG	MA, CRY		WH, L GY	FR		Mottled, tr contamination
28	29	257275	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Mottled
29	30	257276	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
30	31	257277	MAG	MA, CRY		WH, L GY	FR		Mottled
31	32	257278	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
32	32	257279	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
33	34	257280	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
34	35	257281	MAG	MA, CRY	0.5 py	WH. L GY	FR		Mottled
35	36	257282	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
36	37	257283	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Mottled
37	38	257284	MAG	MA, CRY		L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4002.7E 1715.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: (30/09/96

HOLE NO: 96 HDOT S2 RC51
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
38	39	257285	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled, fine grained
39	40	257286	MAG	MA, CRY	tr py	L GY	FR		Mottled
40	41	257287	MAG	MA, CRY		L GY	FR		Mottled
41	42	257288	MAG	MA, CRY		M GY	FR		Mottled
42	43	257289	MAG	MA, CRY	tr py	M GY	FR		Mottled
43	44	257290	MAG	MA, CRY	tr py	PI, L GY	FR		Mottled
44	45	257291	MAG	MA, CRY		L GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4023.8E 1754.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/09/96

HOLE NO: 96 HDOT S2 RC52
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE: Collar ~ 20m E of pegged position

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 13m.
0	13						OX		Overburden, orange clays
13	14	257216	MAG	MA, CRY	min py, talc	M GY	FR		Wet, contaminated, clt
14	15	257217	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
15	16	257218	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
16	17	257219	MAG	MA, CRY	min py	WH, L GY	FR		Mottled
17	18	257220	MAG	MA, CRY	tr clt, py	WH, L GY	FR		Mottled
18	19	257221	MAG	MA, CRY	tr py	M GY	FR		Mottled
19	20	257222	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, DMT?
20	21	257223	MAG	MA, CRY	tr py	M GY	FR		Mottled, DMT?
21	22	257224	MAG	MA, CRY	tr py, tr clt	WH, M GY	FR		Mottled
22	23	257225	MAG	MA, CRY	tr py	M GY	FR		Mottled
23	24	257226	MAG	MA, CRY	tr py	M GY	FR		Mottled
24	25	257227	MAG	MA, CRY	tr py	M GY	FR		Mottled
25	26	257228	MAG	MA, CRY		M GY	FR		Mottled
26	27	257229	MAG	MA, CRY		M GY	FR		Mottled
27	28	257230	MAG	MA, CRY		M GY	FR		Mottled, tr clay contamination
28	29	257231	MAG	MA, CRY		M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4023.8E 1754.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/09/96

HOLE NO: 96 HDOT S2 RC52
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE: Collar ~ 20m E of pegged position

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
29	30	257232	MAG	MA, CRY		WH, L GY	FR		Mottled
30	31	257233	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
31	32	257234	MAG	MA, CRY		WH, L GY	FR		Mottled
32	33	257235	MAG	MA, CRY		WH, L GY	FR		Mottled
33	34	257236	MAG	MA, CRY		WH, L GY	FR		Mottled
34	35	257237	MAG	MA, CRY		WH, L GY	FR		Mottled
35	36	257238	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay contamination
36	37	257239	MAG	MA, CRY	0.5py, clt	M GY	FR		Mottled, tr clay contamination
37	38	257240	MAG	MA, CRY	1 py	M GY	FR		Mottled
38	39	257241	MAG	MA, CRY	0.5py	M GY	FR		Mottled
39	40	257242	MAG	MA, CRY	min clt	M GY	FR		Mottled
40	41	257243	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
41	42	257244	MAG	MA, CRY	tr py	M GY	FR		Mottled
42	43	257245	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
43	44	257246	MAG	MA, CRY	tr py	WH, M GY	FR		Badly contaminated, clay
44	45	257247	MAG	MA, CRY		WH, M GY	FR		Tr contamination
45	46	257248	MAG	MA, CRY	tr py	M GY	FR		Mottled
46	47	257249	MAG	MA, CRY		M GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: _____E_____N AMG/LOCAL
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/9/96

HOLE NO: 96 HDOT S2 RC53
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	12						OX		Water in hole 6m. Cavity 6 - 10m. Cavernous to 12m
12	13	257211	MAG	MA, CRY		M GY	FR		Contaminated
13	14	256212	MAG	MA, CRY		M GY	FR		Minor contamination
14	15	257213	MAG	MA, CRY		M GY	FR		Tr contamination
15	16	257214	MAG	MA, CRY	Strongly clt	M GY	FR		Mottled
16	17	257215	MAG	MA, CRY		M GY	FR		Contaminated
17	28	Hole terminated @ 28m, cavernous, no sample return							Cavity

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3998.2E 1842.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/9/96

HOLE NO: 96 HDOT S2 RC54
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	8						OX		Overburden
8	9	257075	MAG	MA, CRY		WH, L GY	FR		Contaminated
9	10	257076	MAG	MA, CRY		WH, PI, L GY	FR		Badly contaminated
10	11	257077	MAG	MA, CRY		WH, L GY	FR		Tr contamination
11	12	257078	MAG	MA, CRY		WH, L GY	FR		Badly contaminated
12	13	257079	MAG	MA, CRY		WH, L GY	FR		Minor contamination
13	14	257080	MAG	MA, CRY		WH, L GY	FR		Contaminated
14	15	257081	MAG	MA, CRY		L GY	FR		Tr contamination
15	16	257082	MAG	MA, CRY		L GY	FR		Mottled
16	17	257083	MAG	MA, CRY		L GY	FR		Mottled
17	18	257084	MAG	MA, CRY		M GY, D GY	FR		Mottled
18	19	257085	MAG	MA, CRY	tr pale gn talc	M GY, D GY	FR		Mottled
19	20	257086	MAG	MA, CRY	tr py	M GY	FR		Mottled
20	21	257087	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
21	22	257088	MAG	MA, CRY	min py	M GY	FR		Mottled, tr clay
22	23	257089	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
23	24	257090	MAG	MA, CRY	0.5 py	M GY	FR		Minor DMT CBRK
24	25	257091	MAG	MA, CRY	tr py	L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3998.2E 1842.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/9/96

HOLE NO: 96 HDOT S2 RC54
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
25	26	257092	MAG	MA, CRY	tr py	L GY	FR		Mottled
26	27	257093	MAG	MA, CRY		L GY	FR		Mottled
27	28	257094	MAG	MA, CRY		M GY	FR		Mottled
28	29	257095	MAG	MA, CRY		WH, L GY	FR		
29	30	257096	MAG	MA, CRY	tr WH talc	WH, L GY	FR		
30	31	257097	MAG	MA, CRY	tr WH talc	WH, L GY	FR		
31	32	256098	MAG	MA, CRY		WH, L GY	FR		Tr clay
32	33	256099	MAG	MA, CRY		WH, L GY	FR		TR clay
33	34	257100	MAG	MA, CRY		WH, L GY	FR		
34	35	257201	MAG	MA, CRY	tr py	M GY	FR		Mottled
35	36	257202	MAG	MA, CRY		M GY	FR		Mottled
36	37	257203	MAG	MA, CRY		M GY	FR		Mottled
37	38	257204	MAG	MA, CRY	tr py	L GY	FR		Mottled
38	39	257205	MAG	MA, CRY	tr py	L GY	FR		Mottled
39	40	257206	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
40	41	257207	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Mottled
41	42	257208	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Mottled
42	43	257209	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Mottled
43	44	257210	Sample grossly contaminated						Cavity with water, hole terminated

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4000.6E 1877.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/9/96

HOLE NO: 96 HDOT S2 RC55
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	28						OX		Overburden
		Hole terminated @ 28m, all overburden, minor magnesite, low to no sample return, penetrated minor mag horizon, sampling commenced, hole went back into overburden and minor silicified magnesite							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4002.1E 1910.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/9/96

HOLE NO: 96 HDOT S2 RC56
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	5						OX		Clays, overburden
5	6	257040	MAG	MA, CRY		M GY	FR		Contaminated
6	7	257041	MAG	MA, CRY	min clt	M GY	FR		Tr contamination
7	8	257042	MAG	MA, CRY	min clt	M GY	FR		Mottled
8	9	257043	MAG	MA, CRY	strongly clt	L GY	FR		Mottled
9	10	257044	MAG	MA, CRY	min clt, tr qtz	L GY	FR		Mottled
10	11	257045	MAG	MA, CRY		L GY	FR		Tr clay
11	12	257046	MAG	MA, CRY	tr clt	M GY	FR		Mottled
12	13	257047	MAG	MA, CRY	tr clt, tr talc	M GY	FR		Mottled
13	14	257048	MAG	MA, CRY	tr clt, tr py	M GY	FR		Mottled
14	15	257049	MAG	MA, CRY		M GY	FR		Tr clay
15	16	257050	MAG	MA, CRY	tr py	M GY	FR		Mottled
16	17	257051	MAG	MA, CRY	tr py	M GY	FR		Mottled
17	18	257052	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
18	19	257053	MAG	MA, CRY	tr clt	M GY	FR		Mottled
19	20	257054	MAG	MA, CRY	tr clt	M GY	FR		Mottled
20	21	257055	MAG	MA, CRY		M GY	FR		Mottled
21	22	257056	MAG	MA, CRY		M GY	FR		Mottled
22	23	257057	MAG	MA, CRY	min clt	M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 4002.1E 1910.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 28/9/96

HOLE NO: 96 HDOT S2 RC56
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
23	24	257058	MAG	MA, CRY		M GY	FR		Mottled
24	25	257059	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
25	26	257060	MAG	MA, CRY	tr clt	M GY	FR		Mottled
26	27	257061	MAG	MA, CRY		M GY	FR		Tr clay
27	28	257062	MAG	MA, CRY	tr clt	M GY	FR		Mottled
28	29	257063	MAG	MA, CRY		M GY	FR		Mottled
29	30	257064	MAG	MA, CRY		M GY	FR		Mottled
30	31	257065	MAG	MA, CRY		M GY	FR		Mottled
31	32	257066	MAG	MA, CRY		M GY	FR		Mottled
32	33	257067	MAG	MA, CRY	tr clt	M GY	FR		Mottled
33	34	257068	MAG	MA, CRY	tr clt	M GY	FR		Mottled
34	35	257069	MAG	MA, CRY		M GY	FR		Mottled
35	36	257070	MAG	MA, CRY		M GY	FR		Mottled
36	37	257071	MAG	MA, CRY	tr py	M GY	FR		Mottled
37	38	257072	MAG	MA, CRY	tr clt	M GY	FR		Mottled
38	39	257073	MAG	MA, CRY	tr py	M GY	FR		Mottled
39	40	257074	MAG	MA, CRY		M GY	FR		Mottled E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3962.6E 1675.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/9/96

HOLE NO: 96 HDOT S2 RC57
AZIMUTH: - MAG/GRID

PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 13m.
0	35								Overburden. E.O.H
		*Skeletal magnesite with copious water after 23m, hole terminated.							Hole terminated

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3962.8E 1712.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/9/96

HOLE NO: 96 HDOT S2 RC58
AZIMUTH: - MAG/GRID

PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	2						OX		Overburden
2	6	Approximately 0.5m magnesite intercepted, then cavernous to 6m. Hole terminated due to possibility of collapse.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3972.4E 1711.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 8/10/96

HOLE NO: 96 HDOT S2 RC58A
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE: Hole drilled ~ 10m east of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	3						OX		Overburden
3	4	258115	MAG	MA, CRY		WH, L GY	FR		Tr contamination
4	5	258116	MAG	MA, CRY		L GY	FR		Tr clay
5	6	258117	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
6	7	258118	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Tr clay
7	8	258119	MAG	MA, CRY		WH, L GY	FR		Tr clay
8	9	258120	MAG	MA, CRY		L GY	FR		Mottled, tr clay
9	10	258121	MAG	MA, CRY		L GY	FR		Mottled, tr clay
10	11	258122	MAG	MA, CRY		L GY	FR		Mottled
11	12	258123	MAG	MA, CRY		M GY	FR		Mottled
12	13	258124	MAG	MA, CRY	tr py	M GY	FR		Mottled
13	14	258125	MAG	MA, CRY		M GY, D GY	FR		Mottled
14	15	258126	MAG	MA, CRY	tr py	M GY, D GY	FR		Contaminated
15	16	258127	MAG	MA, CRY	tr py	M GY	FR		Mottled
16	17	258128	MAG	MA, CRY		WH, L GY	FR		Mottled
17	18	258129	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
18	19	258130	MAG	MA, CRY	tr WH talc	WH, L GY	FR		Mottled
19	20	258131	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled weakly
20	21	258132	MAG	MA, CRY	tr py	L GY, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3972.4E 1711.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 8/10/96

HOLE NO: 96 HDOT S2 RC58A
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE: Hole drilled ~ 10m east of pegged location

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
21	22	258133	MAG	MA, CRY	tr WH talc	L GY	FR		Mottled
22	23	258134	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
23	24	258135	MAG	MA, CRY	tr py	M GY	FR		Mottled
24	25	258136	MAG	MA, CRY		L GY	FR		Mottled
25	26	258137	MAG	MA, CRY		L GY	FR		Mottled
26	27	258138	MAG	MA, CRY		WH, L GY	FR		Tr clay
27	28	258139	MAG	MA, CRY	tr py	M GY	FR		Mottled
28	29	258140	MAG	MA, CRY	tr py	M GY	FR		Mottled
29	30	258141	MAG	MA, CRY		M GY	FR		Mottled
30	31	258142	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
31	32	258143	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
32	33	258144	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, minor clay
33	34	258144	MAG	MA, CRY	0.5 py	M GY	FR		Tr clay
34	35	258146	MAG	MA, CRY	tr py	M GY	FR		Mottled
35	36	258147	MAG	MA, CRY	tr py, tr GN clt	M GY	FR		Mottled
36	37	258148	MAG	MA, CRY		M GY	FR		Mottled
37	38	258149	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, tr clay
38	39	258150	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
39	40	258151	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled, tr clay. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3947.4E 1875.6N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 8/10/96

HOLE NO: 96 HDOT S2 RC59
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Diamond collar ~ 10mN
0	12						OX		Spat out water @ 12m, Overburden
12	13	258152	MAG	MA, CRY		WH, M GY	FR		Contaminated
13	14	258153	MAG	MA, CRY		WH, M GY	FR		Tr contamination, clay
14	15	258154	MAG	MA, CRY	tr py	WH, M GY	FR		Tr contamination, clay
15	16	258155	MAG	MA, CRY		WH, M GY	FR		Mottled
16	17	258156	MAG	MA, CRY		WH, M GY	FR		Mottled
17	18	258157	MAG	MA, CRY	tr py, tr cal	WH, M GY	FR		Mottled
18	19	258158	MAG	MA, CRY		WH, M GY	FR		Weakly mottled, tr clay
19	20	258159	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled, tr clay
20	21	258160	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled, tr clay
21	22	258161	MAG	MA, CRY	tr clt	WH, L GY	FR		Weakly mottled, tr clay
22	23	258162	MAG	MA, CRY	tr py, tr WH talc	M GY	FR		Mottled
23	24	258163	MAG	MA, CRY	tr py, tr WH talc	M GY	FR		Mottled
24	25	258164	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
25	26	258165	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
26	27	258166	MAG	MA, CRY	tr py	M GY	FR		Mottled
27	28	258167	MAG	MA, CRY		M GY	FR		Mottled, tr clay
28	29	258168	MAG	MA, CRY	tr py	M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3947.4E 1875.6N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 8/10/96

HOLE NO: 96 HDOT S2 RC59
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
29	30	258169	MAG	MA, CRY	tr py, tr clt	M GY, D GY	FR		Mottled
30	31	258170	MAG	MA, CRY		M GY	FR		Mottled, tr clay
31	32	258171	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
32	33	258172	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
33	34	258173	MAG	MA, CRY		WH, M GY	FR		Mottled
34	35	258174	MAG	MA, CRY	tr py	M GY	FR		Mottled
35	36	258275	MAG	MA, CRY	tr WH talc	M GY	FR		Mottled
36	37	258176	MAG	MA, CRY	tr py	M GY	FR		Mottled
37	38	258177	MAG	MA, CRY	tr pt, tr clt	M GY	FR		Mottled
38	39	258178	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
39	40	258179	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
40	41	258180	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
41	44	*Cavity, hole terminated @ 44m in wet, muddy, magnesite slush							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3963.1E 1913.6N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 27/9/96

HOLE NO: 96 HDOT S2 RC60
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE: Hole 1m south of pegged collar. Water cut @ 4m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	7.5								Overburden - Minor water cut @ 4m
7.5	8		CBRK			BL GR	FR		
8	9	257008	MAG	MA, CRY	tr talc/clay	BL GR	FR		Some contamination, mottled
9	10	257009	MAG	MA, CRY	tr cly cont.	WH, BL GR	FR		Xtalline white and blue grey mottled mag
10	11	257010	MAG	MA, CRY	tr tc py	WH, GY	FR		Mottled DK GRY White mag
11	12	257011	MAG	MA, CRY	qtz, chl, st/st tr py	BL GR	FR		Abundant qtz and silt contamination
12	13	257012	MAG	MA, CRY	tr tc qtz, chl, clay	WH	FR		Coarse xtalline white mag with minor impurity
13	14	257013	MAG	MA, CRY	5-10tc, qtz clay	WH	FR		10% tc and up to 10% qtz chl cly contamination
14	15	257014	MAG	MA, CRY	tr tc, clay	WH	FR		Minor contamination of talc/clay
15	16	257015	MAG	MA, CRY	Minor clay	WH/GY	FR		Mottled mag with minor clay contamination
16	17	257016	MAG	MA, CRY	tr tc, qtz	WH/GY	FR		TC apple green talc qtz
17	18	257017	MAG	MA, CRY	tr clay	WH	FR		Coarse lumps WH mag
18	19	257018	MAG	MA, CRY	~ 15% crm min	WH, L GY	FR		Contaminated with qtz? cream, minor mottled
19	20	257019	MAG	MA, CRY	<5% crm min	WH, L GY	FR		" " " "
20	21	257020	MAG	MA, CRY	5-15% clay tc qtz	WH L GY	FR		Contaminated with clay qtz and tc
21	22	257021	MAG	MA, CRY	5-15% clay	WH, L GY	FR		Contaminated with 5-15% clay tr chl
22	23	257022	MAG	MA, CRY	tr clay tc	WH, L GY	FR		Minor contamination
23	24	257023	MAG	MA, CRY	tr clay tc	WH, L GY	FR		Minor contamination

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3963.1E 1913.6N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 27/9/96

HOLE NO: 96 HDOT S2 RC60
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE: Hole 1m south of pegged collar. Water cut @ 4m

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
24	25	257024	MAG	MA, CRY	tr clay tc	L GY	FR		<5% uphole clay contamination
25	26	257025	MAG	MA, CRY	tr clay tc py	L GY	FR		<5% contamination
26	27	257026	MAG	MA, CRY	~ 20% crm min	L GY	FR		Mottled grey wh mag with 20% cream mineral
27	28	257027	MAG	MA, CRY	tr qtz?, clay	PI, L GY	FR		Minor clay, qtz? contamination
28	29	257028	MAG	MA, CRY	tr tc	WH, L GY	FR		Tr contamination
29	30	257029	MAG	MA, CRY	tr tc clay con	WH, L GY	FR		Sample has abundant clay and surface i/s contamination
30	31	257030	MAG	MA, CRY	tr apple green tc	WH, L GY	FR		Tr talc contamination
31	32	257031	MAG	MA, CRY	tr apple green tc/clay	WH, L GY	FR		Tr talc/uphole clay contamination
32	33	257032	MAG	MA, CRY	tr apple green tc/clay	WH, L GY	FR		Tr talc contamination
33	34	257033	MAG	MA, CRY	tr tc/py	WH, GY	FR		Mottled mag with minor contamination
34	35	257034	MAG	MA, CRY	tr tc/clay	WH, GY	FR		Mottled mag with minor tc/clay contamination
35	36	257035	MAG	MA, CRY	tr clay/chlorite	WH, L GY	FR		Tr contamination, mainly white mag
36	37	257036	MAG	MA, CRY	tr tc/clay	WH, L GY	FR		~ 5% clay contamination
37	38	257037	MAG	MA, CRY	tr tc, tr clay	WH, L GY	FR		<5% clay/talc contamination
38	39	257038	MAG	MA, CRY	tr tc py clay	WH, GY	FR		Mottled mag, pyrite assoc with finer grained gy mag
39	40	257039	MAG	MA, CRY	tr tc py clay	WH, GY	FR		E.O.H 40m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3962.7E 1954.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC61
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 14m.
0	51						OX		Overburden
		* One small raft of magnesite intersected @ 26m but did not persist.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3960.9E 2036.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC62
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	3						OX		Overburden
3	4	257592	MAG	MA, CRY		D GY	FR		Mottled, minor contamination
4	5	257593	MAG	MA, CRY		D GY	FR		Tr contamination
5	6	257594	MAG	MA, CRY		D GY	FR		Tr contamination
6	7	257595	MAG	MA, CRY	tr py	M GY	FR		Mottled
7	8	257596	MAG	MA, CRY		Wh, M GY	FR		Mottled
8	9	257597	MAG	MA, CRY	tr py	M GY	FR		Mottled
9	10	257598	MAG	MA, CRY		M GY	FR		Mottled
10	11	257599	MAG	MA, CRY		M GY	FR		Mottled
11	12	257600	MAG	MA, CRY		M GY	FR		Mottled, tr clay
12	13	257701	MAG	MA, CRY		M GY	FR		Mottled
13	14	257702	MAG	MA, CRY		M GY	FR		Mottled
14	15	257703	MAG	MA, CRY	tr py	D GY	FR		Mottled, tr clay
15	16	257704	MAG	MA, CRY		D GY	FR		Mottled
16	17	257705	MAG	MA, CRY		M GY	FR		Mottled, tr clay
17	18	257706	MAG	MA, CRY		M GY	FR		Mottled
18	19	257707	MAG	MA, CRY		M GY	FR		Mottled
19	20	257708	MAG	MA, CRY		M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3960.9E 2036.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC62
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
20	21	257709	MAG	MA, CRY	tr py	M GY	FR		Mottled
21	22	257710	MAG	MA, CRY		WH, M GY	FR		Mottled
22	23	257711	MAG	MA, CRY		WH, M GY	FR		Mottled
23	24	257712	MAG	MA, CRY		WH, M GY	FR		Mottled
24	25	257713	MAG	MA, CRY		WH, M GY	FR		Mottled
25	26	257714	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
26	27	257715	MAG	MA, CRY	tr clt	M GY	FR		Mottled
27	28	257716	MAG	MA, CRY		WH, M GY	FR		Mottled
28	29	257717	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
29	30	257715	MAG	MA, CRY		WH, M GY	FR		Mottled
30	31	257719	MAG	MA, CRY	tr py	M GY	FR		Mottled
31	32	257720	MAG	MA, CRY	tr py	M GY	FR		Mottled
32	33	257721	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
33	34	257722	MAG	MA, CRY		M GY	FR		Mottled
34	35	257723	MAG	MA, CRY		M GY	FR		Mottled
35	36	257724	MAG	MA, CRY	tr clt	M GY	FR		Mottled
36	37	257725	MAG	MA, CRY	tr clt	WH	FR		E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3957.9E 2074.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96

HOLE NO: 96 HDOT S2 RC63
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	5						OX		Overburden
5	6	257726	MAG	MA, CRY		M GY	FR		Mottled, clay contamination
6	7	257727	MAG	MA, CRY		M GY	FR		Mottled, tr clay
7	8	257728	MAG	MA, CRY		D GY	FR		Mottled
8	9	257729	MAG	MA, CRY	tr py	D GY	FR		Mottled
9	10	257730	MAG	MA, CRY		D GY	FR		Mottled, tr clay
10	11	257731	MAG	MA, CRY		D GY	FR		Mottled
11	12	257732	MAG	MA, CRY		D GY	FR		Mottled
12	13	257733	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
13	14	257734	MAG	MA, CRY	tr py	D GY	FR		Mottled, tr clay
14	15	257735	MAG	MA, CRY		D GY	FR		Mottled
15	16	257736	MAG	MA, CRY		M GY	FR		Mottled
16	17	257737	MAG	MA, CRY		D GY	FR		Mottled
17	18	257738	MAG	MA, CRY		WH, D GY	FR		Mottled
18	19	257739	MAG	MA, CRY		WH, D GY	FR		Mottled
19	20	257740	MAG	MA, CRY		WH, D GY	FR		Mottled
20	21	257741	MAG	MA, CRY		M GY	FR		Mottled
21	22	257742	MAG	MA, CRY		M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3957.9E 2074.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96

HOLE NO: 96 HDOT S2 RC63
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
22	23	257743	MAG	MA, CRY		M GY	FR		Mottled
23	24	257744	MAG	MA, CRY		M GY	FR		Mottled
24	25	257745	MAG	MA, CRY		M GY	FR		Mottled
25	29		*Hole terminated @ 29m in cavity, but dry						Cavity

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3961.7E 2115.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96
6/10/96

HOLE NO: 96 HDOT S2 RC64
AZIMUTH: - MAG/GRID

PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 6m
0	2								Overburden, clays
2	19		SLST						Whites Formation, chloritic talcose
19	23	* Hole briefly in magnesite - semi decomposed - for ~ 2m, then broke through into skeletal magnesitic mush with copious water. Hole terminated @ 23m.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.6E 1675.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 30/9/96
1/10/96

HOLE NO: 96 HDOT S2 RC65
AZIMUTH: - MAG/GRID

PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	5						OX		Overburden, Water @ 5m
5	6	257306	MAG	MA, CRY	tr py	M GY	FR		Sample grossly contaminated
6	7	257307	MAG	MA, CRY	0.5 py	M GY	FR		Contaminated
7	8	257308	MAG	MA, CRY	0.5 py	M GY	FR		Minor contamination, clay
8	9	257309	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
9	10	257310	MAG	MA, CRY	1 py	M GY, D GY	FR		Tr contamination, clay
10	11	257311	MAG	MA, CRY	tr py	M GY, D GY	FR		Tr contamination, clay
11	12	257312	MAG	MA, CRY	0.5 py	M GY, D GY,	FR		Tr contamination, clay
12	13	257313	MAG	MA, CRY	tr py	M GY, D GY	FR		Mottled
13	14	257314	MAG	MA, CRY	tr py	M GY, D GY	FR		Mottled
14	15	257315	MAG	MA, CRY	0.5 py	M GY, D GY	FR		Tr contamination
15	16	257316	MAG	MA, CRY	tr py, tr clt	M GY, D GY	FR		Mottled
16	17	257317	MAG	MA, CRY	0.5 py, tr clt	M GY, D GY	FR		Mottled
17	18	257318	MAG	MA, CRY	tr py, min clt	M GY, D GY	FR		Mottled
18	19	257319	MAG	MA, CRY	tr py	M GY, D GY	FR		Mottled
19	20	257320	MAG	Skeletal with copious water, grossly contaminated. Hole terminated @ 21m.					

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.8E 1715.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 1/10/96

HOLE NO: 96 HDOT S2 RC66
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 6m
0	13						OX		Overburden
13	14	257321	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
14	15	257322	MAG	MA, CRY		M GY	FR		Tr contamination, clay
15	16	257323	MAG	MA, CRY		M GY	FR		Badly contaminated, clay
16	17	257324	MAG	MA, CRY		M GY	FR		Tr contamination, clay
17	18	257325	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
18	19	257326	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
19	20	257327	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
20	21	257328	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, tr clay
21	22	257329	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
22	23	257330	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, tr clay
23	24	257331	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, tr clay
24	25	257332	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, tr clay
25	26	257333	MAG	MA, CRY	tr clt	M GY	FR		Mottled, tr clay
26	27	257334	MAG	MA, CRY	tr clt	M GY	FR		Mottled, tr clay
27	28	257335	MAG	MA, CRY		M GY	FR		Massively contaminated
			* Hole terminated @ 30m in cavernou ; ground						

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.3E 1753.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/10/96

HOLE NO: 96 HDOT S2 RC67
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 10m
0	22						OX		Overburden
22	23	257393	MAG	MA, CRY		M GY	FR		Minor contamination, clay
23	24	257394	MAG	MA, CRY		D GY	FR		Minor contamination, clay
24	25	257395	MAG	MA, CRY		M GY	FR		Minor contamination, clay
25	26	257396	MAG	MA, CRY		M GY	FR		Tr contamination, clay
26	27	257397	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
27	28	257398	MAG	MA, CRY	tr py	WH, L GY	FR		Tr clay
28	29	257399	MAG	MA, CRY		WH, L GY	FR		Tr contamination
29	30	257400	MAG	MA, CRY		L GY	FR		Tr clay
30	31	257401	MAG	MA, CRY	0.5 py	L GY	FR		Tr clay
31	32	257402	MAG	MA, CRY	tr py	WH, L GY	FR		Tr clay
32	33	257403	MAG	MA, CRY	1 py	D GY	FR		Clean, mottled
33	34	257404	MAG	MA, CRY		M GY	FR		Tr clay
34	35	257405	MAG	MA, CRY		WH, L GY	FR		Tr clay
35	36	257406	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
36	37	257407	MAG	MA, CRY		WH, L GY	FR		Mottled
37	38	257408	MAG	MA, CRY	tr qtz	D GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.3E 1753.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/10/96

HOLE NO: 96 HDOT S2 RC67
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
38	39	257409	CBRK	MX	tr qtz, py, clt, talc	D GY	FR		DMT?
39	40	257410	CBRK	MX	tr py, clt	D GY	FR		DMT?
40	41	257411	CBRK	MX		D GY	FR		DMT? Tr MAG
41	42	257412	CBRK	MX	tr py	D GY	FR		DMT?
42	43	257413	CBRK	MX	tr py, tr clt	D GY	FR		DMT?
43	44	257414	CBRK	MX	tr py, tr clt	D GY	FR		DMT? Tr MAG
44	45	257415	MAG	MA, CRY	tr py, tr clt	D GY	FR		Tr DMT
45	46	257416	MAG	MA, CRY		D GY	FR		Tr DMT
46	47	257417	MAG	MA, CRY		D GY	FR		Mottled
47	48	257418	MAG	MA, CRY		D GY	FR		Mottled
48	49	257419	MAG	MA, CRY		D GY	FR		Mottled
49	50	257420	MAG	MA, CRY	tr clt	M GY	FR		Mottled
50	51	257421	MAG	MA, CRY			M GY	FR	Mottled
51	52	257422	MAG	MA, CRY	tr py	WH, D GY	FR		Mottled
52	53	257423	MAG	MA, CRY	tr clt	M GY	FR		Mottled
53	54	257424	MAG	MA, CRY		M GY	FR		Mottled
54	55	257425	MAG	MA, CRY	1 py, clt	M GY	FR		Mottled, strongly chloritic
55	56	257426	MAG	MA, CRY	0.5 py, min clt	M GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3921.3E 1795.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/10/96
3/10/96

HOLE NO: 96 HDOT S2 RC68
AZIMUTH: - MAG/GRID

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	9						OX		Overburden
9	10	257427	MAG	MA, CRY		M GY	FR		Minor contamination, clay
10	11	257428	MAG	MA, CRY	tr py	WH, M GY	FR		Tr contamination, clay
11	12	257429	MAG	MA, CRY	tr py	WH, M GY	FR		Tr clay
12	13	257430	MAG	MA, CRY	tr py	WH, M GY	FR		Tr clay
13	14	257431	MAG	MA, CRY	tr py	WH, M GY	FR		Tr contamination
14	15	257432	MAG	MA, CRY	tr py	WH, M GY	FR		Tr clay
15	16	257433	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
16	17	257434	MAG	MA, CRY	tr clt	L GY	FR		Mottled, tr clay
17	18	257435	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay
18	19	257436	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay
19	20	257437	MAG	MA, CRY	tr py	L GY	FR		Mottled, tr clay
20	21	257438	MAG	MA, CRY		WH, L GY	FR		Mottled
21	22	257439	MAG	MA, CRY		M GY	FR		Mottled, tr clay
22	23	257440	MAG	MA, CRY	tr clt	M GY, D GY	FR		Mottled
23	24	257441	MAG	MA, CRY		M GY	FR		Mottled, tr clay
24	25	257442	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
25	26	257443	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3921.3E 1795.7N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 2/10/96
3/10/96

HOLE NO: 96 HDOT S2 RC68
AZIMUTH: - MAG/GRID

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
26	27	257444	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
27	28	257445	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
28	29	257446	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
29	30	257447	MAG	MA, CRY	tr py	WH, L GY	FR		Contaminated
30	31	257448	MAG	MA, CRY		WH, L GY	FR		Minor contamination
31	32	257449	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
32	33	257450	MAG	CRY		L GY/bn	FR?		Semi-decomposed
33	34	257451	MAG	CRY		L GY/BN	FR?		Semi-decomposed
34	35	257452	MAG	CRY		BN	FR?		Semi-decomposed
35	36	257453	MAG	CRY		BN			Semi-decomposed
36	37	257454	MAG	CRY		BN			Semi-decomposed
37	38	257455	MAG	CRY		BN			Semi-decomposed
		Hole terminated @ 38m in cavernous semi-decomposed material, heavily clay contaminated.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.0E 1835.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 3/10/96

HOLE NO: 96 HDOT S2 RC69
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE: Old DDH COLLAR ~ 15m to the west

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	9						OX		Overburden
9	10	257456	MAG	MA, CRY		WH, L GY	FR		Contaminated, clay
10	11	257457	MAG	MA, CRY		WH	FR		Contaminated, clay
11	12	257458	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
12	13	257459	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
13	14	257460	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
14	15	257461	MAG	MA, CRY	tr py	M GY	FR		Sample grossly contaminated
15	16	257462	MAG	MA, CRY	0.5 py	M GY	FR		Contaminated
16	17	257463	MAG	MA, CRY	0.5 py	M GY	FR		Tr contamination
17	18	257464	MAG	MA, CRY	tr py	M GY	FR		Mottled
18	19	257465	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
19	20	257466	MAG	MA, CRY	tr py	M GY	FR		Mottled
20	21	257467	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
21	22	257468	MAG	MA, CRY	tr py	M GY	FR		Contaminated
22	23	257469	MAG	MA, CRY	tr py	WH, L GY	FR		Tr contamination
23	24	257470	MAG	MA, CRY	tr py	L GY	FR		Mottled
24	25	257471	MAG	MA, CRY	0.5 py	WH, L GY	FR		Mottled
25	26	257472	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
26	27	257473	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.0E 1835.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 3/10/96

HOLE NO: 96 HDOT S2 RC69
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
27	28	257474	MAG	MA, CRY	0.5 py	M GY	FR		Minor contamination
28	29	257475	MAG	MA, CRY	0.5 py	M GY	FR		Tr contamination
29	30	257476	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
30	31	257477	MAG	MA, CRY	tr py	M GY	FR		Mottled
31	32	257478	MAG	MA, CRY	tr py, tr clt	L GY	FR		Mottled
32	33	257479	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
33	34	257480	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
34	35	257481	MAG	MA, CRY	min clt	WH, M GY	FR		Mottled
35	36	257482	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Mottled
36	37	257483	MAG	MA, CRY	0.5 py, tr clt	WH, L GY	FR		Mottled
37	38	257484	MAG	MA, CRY		M GY	FR		Mottled, tr clay
38	39	257485	MAG	MA, CRY		M GY	FR		Mottled
39	40	257486	MAG	MA, CRY	tr py	L GY	FR		Mottled, tr clay
40	41	257487	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
41	42	257488	MAG	MA, CRY		WH, L GY	FR		Mottled yellow clt?
42	43	257489	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, min yellow staining
43	44	257490	MAG	MA, CRY	tr py	WH, L GY	FR		Perrasive yellow staining
44	45								Cavity, copious water
45	46								Hole terminated @ 46m

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT:	HUANDOT MAGNESITE PROJECT	PROSPECT:	HUANDOT	HOLE NO:	96 HDOT S2 RC70
CO-ORDS:	3921.4E 1872.2N LOCAL GRID	DIP:	-90°	AZIMUTH:	- MAG/GRID
DRILLERS:	ROCKDRIL	DRILLRIG:	HAMMERTRAK 2000		
LOGGED BY:	IAN TURNER	DATE:	3/10/96	PAGE:	1 OF 1

NOTE: Lost circulation due to blown wear valve in sample swivel

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	17						OX		Overburden
17	18	257491	MAG	MA, CRY	tr py	M GY	FR		Minor contamination, clay
18	19	257492	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
19	20	257493	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
20	21	257494	MAG	MA, CRY	tr py	M GY	FR		Tr contamination, clay
21	22	257495	MAG	MA, CRY		WH, L GY	FR		
22	23	257496	MAG	MA, CRY	tr py	L GY	FR		Tr clay
23	24	257497	MAG	MA, CRY	0.5 py	L GY	FR		Tr clay
24	25	257498	MAG	MA, CRY	tr py	M GY	FR		Grossly contaminated - see note
25	26	257499	No sample recovered while trying to regenerate hole, sample no not used						
26	27	257500	MAG	MA, CRY	tr py	M GY	FR		Clay contaminated
27	28	257501	MAG	MA, CRY	tr py	M GY	FR		Clay contaminated
28	29	257502	MAG	MA, CRY	tr py	M GY	FR		Badly clay contaminated
29	30	257503	MAG	MA, CRY	tr py	M GY	FR?		Grossly clay contaminated
30	31	257504	Sample grossly contaminated skeletal magnesite. Hole terminated @ 31m in cavernous skeletal magnesite						
			*Note: This hole vented through diamond hole fore collar ~ 10m E, copious water, eventually blew out DDH pre collar PVC @ 23m.						

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.5E 1915.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 3/10/96
4/10/96

HOLE NO: 96 HDOT S2 RC71
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	9						OX		Overburden
9	10	257505	MAG	MA, CRY		M GY	FR		Grossly contaminated, v low sample return
10	11	257506	MAG	MA, CRY		M GY	FR		Minor contamination
11	12	257507	MAG	MA, CRY		M GY	FR		Clay contamination
12	13	257508	MAG	MA, CRY		M GY	FR		Tr contamination
13	14	257509	MAG	MA, CRY		M GY	FR		Clay ontamination
14	15	257510	MAG	MA, CRY	tr py	M GY	FR		Clay contamination
15	16	257511	MAG	MA, CRY	tr py	M GY	FR		Minor clay
16	17	257512	MAG	MA, CRY		M GY	FR		Tr contamination, clay
17	18	257513	MAG	MA, CRY	0.5 py	D GY	FR		Tr clay
18	19	257514	MAG	MA, CRY		M GY	FR		Tr clay
19	20	257515	MAG	MA, CRY		WH, M GY	FR		Mottled
20	21	257516	MAG	MA, CRY		WH, M GY	FR		Mottled, tr clay
21	22	257517	MAG	MA, CRY		WH, M GY	FR		Mottled, tr clay
22	23	257518	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
23	24	257519	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
24	25	257520	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
25	26	257521	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
26	27	257522	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.5E 1915.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 3/10/96
4/10/96

HOLE NO: 96 HDOT S2 RC71
AZIMUTH: - MAG/GRID

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
27	28	257523	MAG	MA, CRY		M GY	FR		Mottled, tr clay
28	29	257524	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
29	30	257525	No sample - metric lost during re-establishment of hole						
30	31	257526	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
31	32	257527	MAG	MA, CRY	tr py	M GY	FR		Mottled
32	33	257528	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
33	34	257529	MAG	MA, CRY	0.5 py	M GY	FR		Mottled, tr clay
34	35	257530	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay
35	36	257531	MAG	MA, CRY	tr py	WH, L GY	FR		Tr calcite?, Mottled
36	37	257532	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
37	38	257533	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr calcite?
38	39	257534	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
39	40	257535	MAG	MA, CRY	0.5 py	WH, M GY	FR		Mottled
40	41	257536	MAG	MA, CRY	0.5 py	WH, D GY	FR		Mottled
41	42	257537	MAG	MA, CRY	1 py	WH, D GY	FR		Mottled, tr clay
42	43	257538	MAG	MA, CRY	tr py	M GY	FR		Mottled
43	44	257539	MAG	MA, CRY	tr py	M GY	FR		Mottled
44	45	257540	MAG	MA, CRY	tr py	M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.5E 1915.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 3/10/96
4/10/96

HOLE NO: 96 HDOT S2 RC71
AZIMUTH: - MAG/GRID

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
45	46	257541	MAG	MA, CRY	tr py	M GY	FR		Mottled
46	47	257542	MAG	MA, CRY	tr py	M GY	FR		Cavernous
		*Hole terminated @ 48m in cavernous ground with copious water.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3923.2E 1956.4N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC72
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	50								All Overburden

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3923.9E 1992.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC73
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	3						OX		Overburden
3	4	257543	MG	MA, CRY		WH, L GY	FR		Minor clay
4	5	257544	MAG	MA, CRY	tr clt	WH, L GY	FR		Tr clay
5	6	257545	MAG	MA, CRY	tr py	M GY	FR		Tr clay
6	7	257546	MAG	MA, CRY		M GY	FR		Mottled, tr clay
7	8	257547	MAG	MA, CRY		M GY	FR		Mottled, tr clay
8	9	257548	MAG	MA, CRY	tr py	M GY	FR		Mottled, clay
9	10	257549	MAG	MA, CRY	tr py	M GY	FR		Mottled
10	11	257550	MAG	MA, CRY		M GY	FR		Mottled
11	12	257551	MAG	MA, CRY	tr py	L GY	FR		Mottled
12	13	257552	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay
13	14	257553	MAG	MA, CRY		M GY	FR		Mottled
14	15	257554	MAG	MA, CRY		M GY	FR		Mottled, tr clay
15	16	257555	MAG	MA, CRY		M GY	FR		Mottled
16	17	257556	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
17	18	257557	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
18	19	257558	MAG	MA, CRY		WH, L GY	FR		Mottled
19	20	257559	MAG	MA, CRY		WH, L GY	FR		Mottled
20	21	257560	MAG	MA, CRY		WH, L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3923.9E 1992.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC73
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
21	22	257561	MAG	MA, CRY	tr py, tr clt	WH, M GY	FR		Mottled
22	23	257562	MAG	MA, CRY	tr py, tr clt	WH, M GY	FR		Mottled, clay
23	24	257563	MAG	MA, CRY	tr clt	WH, M GY	FR		Mottled
24	25	257564	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
25	26	257565	MAG	MA, CRY		WH, M GY	FR		Mottled
26	27	257566	MAG	MA, CRY		M GY	FR		Mottled
27	28	256567	MAG	MA, CRY		WH, D GY	FR		Mottled, tr clay
28	29	257568	MAG	MA, CRY		WH, D GY	FR		Mottled, tr clay
29	30	257569	MAG	MA, CRY		WH, D GY	FR		Mottled
30	31	257570	MAG	MA, CRY	tr py	M GY	FR		Mottled
31	32	257571	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
32	33	257572	MAG	MA, CRY		M GY	FR		Mottled
33	34	257573	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
34	35	257574	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
35	36	257575	MAG	MA, CRY	tr clt	M GY	FR		Mottled
36	37	257576	MAG	MA, CRY	tr py	M GY	FR		Mottled
37	38	257577	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay
38	39	257578	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
39	40	257579	MAG	MA, CRY	tr py	M GY, D GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3923.9E 1992.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC73
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
40	41	257580	MAG	MA, CRY	tr py	M GY	FR		Mottled
41	42	257581	MAG	MA, CRY		L GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3924.5E 2035.5N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 4/10/96

HOLE NO: 96 HDOT S2 RC74
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 13m
0	28								Overburden
28	29	257582	MAG	MA, CRY		M GY	MW		
29	30	257583	MAG	MA, CRY		M GY	SW		Contaminated
30	31	257584	MAG	MA, CRY	tr py	M GY	FR		Tr clay contamination
31	32	257585	MAG	MA, CRY		M GY	FR		Tr clay
32	33	257586	MAG	MA, CRY		M GY	FR		Tr clay
33	34	257587	MAG	MA, CRY		L GY	FR		Mottled
34	35	257588	MAG	MA, CRY	tr py, clt, talc	L GY	FR		Mottled
35	36	257589	MAG	MA, CRY	2 py	M GY	FR		Mottled
36	37	257590	MAG	MA, CRY		M GY	FR		Badly contaminated
37	38	257591	MAG	MA, CRY		M GY	FR		Badly contaminated
		* Hole terminated @ 38m, copious water, low sample return, slush.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.6E 2074.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96

HOLE NO: 96 HDOT S2 RC75
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 13m
0	9						OX		Overburden
9	10	257746	MAG	MA, CRY		WH, L GY	FR		Mottled, minor clay
10	11	257747	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
11	12	257746	MAG	MA, CRY	tr py	WH. L GY	FR		Mottled, tr clay
12	13	257749	MAG	MA, CRY		WH, L GY	FR		Weakly mottled, tr clay
13	14	257750	MAG	MA, CRY	tr py	WH	FR		tr clay
14	15	257751	MAG	MA, CRY		WH, L GY	FR		tr clay
15	16	257752	MAG	MA, CRY	tr py	WH, L GY	FR		tr clay
16	17	257753	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		tr clay
17	18	257754	MAG	MA, CRY		WH, M GY	FR		Mottled
18	19	257755	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
19	20	257756	MAG	MA, CRY		WH, M GY	FR		Mottled
20	21	257757	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
21	22	257758	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled, tr clay
22	23	257759	MAG	MA, CRY		L GY	FR		Mottled
23	24	257760	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
24	25	257761	MAG	MA, CRY		WH, L GY	FR		Mottled
25	26	257762	MAG	MA, CRY		WH, L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.6E 2074.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96

HOLE NO: 96 HDOT S2 RC75
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
26	27	257763	MAG	MA, CRY		WH, L GY	FR		Mottled
27	28	257764	MAG	MA, CRY		M GY	FR		Mottled
28	29	257765	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
29	30	257766	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
30	31	257767	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
31	32	257768	MAG	MA, CRY		L GY	FR		Mottled
32	33	257769	MAG	MA, CRY		L GY	FR		Mottled
33	34	257770	MAG	MA, CRY		WH. L GY	FR		Mottled
34	35	257771	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay
35	36	257772	MAG	MA, CRY	tr py, tr clt	WH, L GY	FR		Mottled
36	37	257773	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
37	38	257774	MAG	MA, CRY	tr py	L GY, M GY	FR		Mottled
38	39	257775	MAG	MA, CRY	0.5py	L GY, M GY	FR		Mottled
39	40	257776	MAG	MA, CRY	tr clt	L GY, WH	FR		Mottled
40	41	257777	MAG	MA, CRY		L GY, M GY	FR		Mottled
41	42	257778	MAG	MA, CRY		L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3923.3E 2115.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96

HOLE NO: 96 HDOT S2 RC76
AZIMUTH: - MAG/GRID
PAGE: 1 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 10m
0	15						OX		Overburden
15	16	257779	MAG	MA, CRY		M GY	FR		Mottled, tr contamination, clay
16	17	257780	MAG	MA, CRY	0.5 py, tr clt	M GY	FR		Mottled, tr clay
17	18	257781	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
18	19	257782	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, clay
19	20	257783	MAG	MA, CRY	tr py, min clt	M GY	FR		Mottled, tr clay
20	21	257784	MAG	MA, CRY	tr py	M GY, D GY	FR		Mottled, tr clay
21	22	257785	MAG	MA, CRY	tr py	M GY, D GY	FR		Grossly contaminated, clay
22	23	257786	MAG	MA, CRY		M GY	FR		Tr clay
23	24	257787	MAG	MA, CRY		WH, L GY	FR		Mottled
24	25	257788	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
25	26	257789	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
26	27	257790	MAG	MA, CRY	1 py	WH, L GY	FR		Quite strongly chloritised
27	28	257791	MAG	MA, CRY	tr py, min clt	M GY	FR		Mottled
28	29	257792	MAG	MA, CRY		WH, L GY	FR		Mottled
29	30	257793	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
30	31	257794	MAG	MA, CRY		WH, L GY	FR		Mottled
31	32	257795	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3923.3E 2115.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96

HOLE NO: 96 HDOT S2 RC76
AZIMUTH: - MAG/GRID
PAGE: 2 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
32	33	257796	MAG	MA, CRY		L GY	FR		Weakly mottled
33	34	257797	MAG	MA, CRY		WH, L GY	FR		Mottled
34	35	257798	MAG	MA, CRY		WH, L GY	FR		Mottled
35	36	257799	MAG	MA, CRY		WH, L GY	FR		Mottled
36	37	257800	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
37	38	257801	MAG	MA, CRY		WH, L GY	FR		Mottled
38	39	257802	MAG	MA, CRY		WH, L GY	FR		Mottled
39	40	257803	MAG	MA, CRY		WH, L GY	FR		Mottled
40	41	257804	MAG	MA, CRY		WH, L GY	FR		Mottled
41	42	257805	MAG	MA, CRY		WH, L GY	FR		Mottled
42	43	257806	MAG	MA, CRY		WH, L GY	FR		Mottled
43	44	257807	MAG	MA, CRY		WH, L GY	FR		Mottled
44	45	257808	MAG	MA, CRY		M GY	FR		Mottled
45	46	257809	MAG	MA, CRY		M GY	FR		Mottled
46	47	257810	MAG	MA, CRY		WH, L GY	FR		Mottled
47	48	257811	MAG	MA, CRY		WH, M GY	FR		Mottled
48	49	257812	MAG	MA, CRY		WH, M GY	FR		Mottled
49	50	257813	MAG	MA, CRY		WH, M GY	FR		Mottled
50	51	257814	MAG	MA. CRY	tr py	WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3923.3E 2115.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 5/10/96

HOLE NO: 96 HDOT S2 RC76
AZIMUTH: - MAG/GRID
PAGE: 3 OF 3

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
51	52	257815	MAG	MA, CRY	tr py	D GY	FR		Mottled
52	53	257816	MAG	MA, CRY		M GY	FR		Mottled, E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.5E 2155.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC77
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 6m
0	6						OX		Overburden
6	7	258011	MAG	MA, CRY		D GY	FR		Minor contamination
7	8	258012	MAG	MA, CRY		D GY	FR		Mottled, tr contamination
8	9	258013	MAG	MA, CRY	tr py	D GY	FR		Mottled, tr contamination
9	10	258014	MAG	MA, CRY	tr py, tr clt	D GY	FR		Mottled, tr contamination
10	11	258015	MAG	MA, CRY	tr py	M GY	FR		Mottled
11	12	258016	MAG	MA, CRY		M GY	FR		Mottled
12	13	258017	MAG	MA, CRY		M GY	FR		Mottled
13	14	258018	MAG	MA, CRY		M GY	FR		Mottled
14	15	258019	MAG	MA, CRY		M GY	FR		Mottled
15	16	258020	MAG	MA, CRY		M GY	FR		Mottled
16	17	258021	MAG	MA, CRY		D GY	FR		Mottled, tr clay
17	18	258022	MAG	MA, CRY		D GY	FR		Mottled
18	19	258023	MAG	MA, CRY	tr clt	D GY	FR		Mottled
19	20	258024	MAG	MA, CRY		M GY	FR		Mottled
20	21	258025	MAG	MA, CRY	tr py, tr clt	D GY	FR		Mottled
21	22	258026	MAG	MA, CRY	tr py, min clt	D GY, GN	FR		Strongly chloritised
22	23	258027	MAG	MA, CRY	tr py, min clt	D GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.5E 2155.0N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC77
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
23	24	258028	MAG	MA, CRY	tr py, min clt	D GY, GN	FR		Mottled
24	25	258029	MAG	MA, CRY	tr py, min clt	D GY, GN	FR		Mottled
25	26	258030	MAG	MA, CRY	tr py, min clt	D GY, GN	FR		Mottled
26	27	258031	MAG	MA, CRY	tr clt	M GY, GN	FR		Mottled
27	28	258032	MAG	MA, CRY	tr clt	M GY	FR		Mottled
28	29	258033	MAG	MA, CRY	min clt	M GY	FR		Mottled
29	30	258034	MAG	MA, CRY	tr clt	M GY	FR		Mottled
30	31	258035	MAG	MA, CRY		L GY	FR		Mottled
31	32	258036	MAG	MA, CRY	tr clt	L GY	FR		Mottled
32	33	258037	MAG	MA, CRY	tr py	L GY	FR		Mottled
33	34	258038	MAG	MA, CRY	tr clt, tr py	L GY	FR		Mottled
34	35	258039	MAG	MA, CRY	tr py	L GY	FR		Mottled
35	36	258040	MAG	MA, CRY	0.5 py	M GY	FR		Mottled
36	37	258041	MAG	MA, CRY	tr py	M GY	FR		Mottled
37	38	258042	MAG	MA, CRY	tr py	M GY	FR		Mottled
38	39	258043	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled
39	40	258044	MAG	MA, CRY	tr clt	WH, L GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.5E 2194.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC78
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	22						OX		Overburden, Whites Formation
22	23	258045	MAG	MA, CRY		M GY	FR		Contaminated
23	24	258046	MAG	MA, CRY		WH, L GY	FR		Tr contamination
24	25	258047	MAG	MA, CRY		WH, L GY	FR		Mottled
25	26	2578048	MAG	MA, CRY		WH, L GY	FR		Mottled
26	27	258049	MAG	MA, CRY		M GY	FR		Mottled
27	28	258050	MAG	MA, CRY		M GY	FR		Mottled
28	29	258051	MAG	MA, CRY		M GY	FR		Mottled
29	30	258052	MAG	MA, CRY	tr clt	M GY	FR		Mottled
30	31	258053	MAG	MA, CRY		D GY	FR		Mottled
31	32	258054	MAG	MA, CRY		M GY	FR		Mottled
32	33	258055	MAG	MA, CRY		L GY	FR		Mottled
33	34	258056	MAG	MA, CRY	tr calcite?	L GY	FR		Mottled
34	35	258057	MAG	MA, CRY	tr calcite?	WH, L GY	FR		Mottled
35	36	258058	MAG	MA, CRY	tr clt	M GY	FR		Mottled
36	37	258059	MAG	MA, CRY	tr clt, tr py	D GY	FR		Mottled
37	38	258060	MAG	MA, CRY	tr py	D GY	FR		Mottled
38	39	258061	MAG	MA, CRY		M GY	FR		Mottled
39	40	258062	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3922.5E 2194.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC78
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
40	41	258063	MAG	MA, CRY	tr py	M GY	FR		Mottled
41	42	258064	MAG	MA, CRY		M GY	FR		Mottled
42	43	258065	MAG	MA, CRY	tr py	D GY	FR		Mottled
43	44	258066	MAG	MA, CRY		D GY	FR		Mottled
44	45	258067	MAG	MA, CRY	tr clt, tr py	WH, M GY	FR		Mottled
45	46	258068	MAG	MA, CRY		WH, L GY	FR		Mottled
46	47	258069	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
47	48	258070	MAG	MA, CRY		WH, L GY	FR		Mottled
48	49	258071	MAG	MA, CRY	tr clt	WH, M GY	FR		Mottled
49	50	258072	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
50	51	258073	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
51	52	258074	MAG	MA, CRY	tr py	M GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 2035.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC79
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	4						OX		Overburden
4	5	257817	MAG	MA, CRY	tr py	WH	FR		Minor clay contamination
5	6	257818	MAG	MA, CRY		M GY	FR		Mottled
6	7	257819	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
7	8	257820	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
8	9	257821	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
9	10	257822	MAG	MA, CRY		WH, M GY	FR		Mottled
10	11	257823	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
11	12	257824	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled, tr clay
12	13	257825	MAG	MA, CRY	tr py	M GY	FR		Mottled
13	14	257826	MAG	MA, CRY	tr py	M GY	FR		Mottled, minor contamination
14	15	257827	MAG	MA, CRY		L GY	FR		Mottled
15	16	257828	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled
16	17	257829	MAG	MA, CRY		M GY	FR		Mottled, tr clay
17	18	257830	MAG	MA, CRY	tr py	L GY	FR		Mottled
18	19	257831	MAG	MA, CRY	tr py	M GY	FR		Mottled
19	20	257832	MAG	MA, CRY	tr py	M GY	FR		Mottled
20	21	257833	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
21	22	257834	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 2035.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC79
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
22	23	257835	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
23	24	257836	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
24	25	257837	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
25	26	257838	MAG	MA, CRY		WH, M GY	FR		Mottled
26	27	257839	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
27	28	257840	MAG	MA, CRY		WH, M GY	FR		Mottled, tr clay
28	29	257841	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
29	30	257842	MAG	MA, CRY		WH, M GY	FR		Mottled
30	31	257843	MAG	MA, CRY	tr py	M GY	FR		Mottled
31	32	257844	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
32	33	257845	MAG	MA, CRY	tr py	M GY	FR		Mottled
33	34	257846	MAG	MA, CRY	tr py	M GY	FR		Mottled
34	35	257847	MAG	MA, CRY	tr py	M GY, WH	FR		Mottled
35	36	257848	MAG	MA, CRY	tr py	M GY, WH	FR		Mottled
36	37	257849	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
37	38	257850	MAG	MA, CRY	tr py	M GY	FR		Mottled
38	39	257851	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled, tr clay
39	40	257852	MAG	MA, CRY	tr py	M GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 2074.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC80
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 13m
0	10						OX	Overburden	
10	11	257853	MAG	MA, CRY		M GY	FR		Mottled
11	12	257854	MAG	MA, CRY		M GY	FR		Mottled
12	13	257855	MAG	MA, CRY	tr py	M GY	FR		Mottled, tr clay
13	14	257856	MAG	MA, CRY		M GY	FR		Mottled
14	15	257857	MAG	MA, CRY	tr py	L GY	FR		Mottled, tr clay
15	16	257858	MAG	MA, CRY		L GY	FR		Mottled
16	17	257859	MAG	MA, CRY	tr clt	D GY	FR		Mottled
17	18	257860	MAG	MA, CRY	tr py	D GY	FR		Mottled
18	19	257861	MAG	MA, CRY	tr clt	M GY	FR		Mottled
19	20	257862	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
20	21	257863	MAG	MA, CRY		M GY	FR		Mottled, tr clay
21	22	257864	MAG	MA, CRY		M GY	FR		Mottled
22	23	257865	MAG	MA, CRY		L GY, M GY	FR		Mottled
23	24	257866	MAG	MA, CRY		M GY	FR		Mottled
24	25	257867	MAG	MA, CRY		WH, L GY	FR		Mottled
25	26	257868	MAG	MA, CRY		WH, L GY	FR		Mottled
26	27	257869	MAG	MA, CRY	tr py	WH, M GR	FR		Mottled, tr clay

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 2074.9N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC80
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
27	28	257870	MAG	MA, CRY		M GY	FR		Mottled
28	29	257871	MAG	MA, CRY		M GY	FR		Mottled
29	30	257872	MAG	MA, CRY	tr clt	M GY	FR		Mottled
30	31	257873	MAG	MA, CRY	tr py	L GY	FR		Mottled
31	32	257874	MAG	MA, CRY	tr py	M GY	FR		Mottled
32	33	257875	MAG	MA, CRY	tr py	M GY	FR		Mottled
33	34	257876	MAG	MA, CRY		M GY	FR		Mottled
34	35	257877	MAG	MA, CRY		D GY	FR		Mottled
		Cavity, hole terminated @ 37m in skeletal, wet, magnesetic slush.							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3884.2E 2115.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC81
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 6m
0	8						OX		Overburden
8	9	257878	MAG	MA, CRY		M GY	FR		Mottled, minor contamination
9	10	257879	MAG	MA, CRY		FR			Tr contamination
10	11	257880	MAG	MA, CRY	tr py	M GY	FR		Tr contamination
11	12	257881	MAG	MA, CRY	tr py	WH, M GY	fr		Mottled
12	13	257882	MAG	MA, CRY		WH, L GY	FR		Mottled
13	14	257883	MAG	MA, CRY		L GY	fr		Mottled
14	15	257884	MAG	MA, CRY		PI, L GY	FR		Mottled
15	16	257885	MAG	MA, CRY	tr py	PI, L GY	FR		Mottled
16	17	257886	MAG	MA, CRY	tr clt	M GY	FR		Mottled
17	18	257887	MAG	MA, CRY	tr py	M GY	FR		Mottled
18	19	257888	MAG	MA, CRY		M GY	FR		Mottled
19	20	257889	MAG	MA, CRY	tr py	PI, L GY	FR		Mottled
20	21	257890	MAG	MA, CRY	tr py, tr clt	M GY	FR		Mottled, tr clay
21	22	257891	MAG	MA, CRY	tr py	L GY	FR		Weakly mottled
22	23	257892	MAG	MA, CRY		L GY	FR		Weakly mottled, tr clay
23	24	257893	MAG	MA, CRY		L GY	FR		Weakly mottled
24	25	257894	MAG	MA, CRY		WH, L GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3884.2E 2115.3N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 6/10/96

HOLE NO: 96 HDOT S2 RC81
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
25	26	257895	MAG	MA, CRY		WH, M GY	FR		Mottled
26	27	257896	MAG	MA, CRY		PI, L GY	FR		Mottled
27	28	257897	MAG	MA, CRY		WH, L GY	FR		Mottled
28	29	257898	MAG	MA, CRY		PI, L GY	FR		Mottled, tr clay
29	30	257899	MAG	MA, CRY	PI, L GY	FR			Mottled, tr clay
30	31	257900	MAG	MA, CRY		WH, L GY			Mottled
31	32	258000	MAG	MA, CRY		WH, L GY	FR		Mottled
32	33	258001	MAG	MA, CRY	tr py	WH, D GY	FR		Mottled
33	34	258002	MAG	MA, CRY		WH, M GY	FR		Mottled
34	35	258003	MAG	MA, CRY	tr clt, tr py	L GY	FR		Mottled
35	36	258004	MAG	MA, CRY		WH, L GY	FR		Mottled
36	37	258005	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
37	38	258006	MAG	MA, CRY		WH, L GY	FR		Mottled
38	39	258007	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
39	40	258008	MAG	MA, CRY	tr py	M GY, D GY	FR		Mottled
40	41	258009	MAG	MA, CRY		M GY	FR		Mottled
41	42	258010	MAG	MA, CRY	tr py	M GY	FR		Mottled. E.O.H

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 2195.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 7/10/96

HOLE NO: 96 HDOT S2 RC82
AZIMUTH: - MAG/GRID
PAGE: 1 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water in hole @ 14m
0	14						OX		Overburden
14	15	258075	MAG	MA, CRY	tr py	M GY	FR		Wet and contaminated
15	16	258076	MAG	MA, CRY		L GY	FR		Minor contamination, clay
16	17	258077	MAG	MA, CRY	tr py	L GY	FR		Tr contamination, clay
17	18	258078	MAG	MA, CRY	tr py, tr qtz	L GY	FR		Mottled
18	19	258079	MAG	MA, CRY		L GY	FR		Mottled, tr clay
19	20	258080	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
20	21	258081	MAG	MA, CRY		WH, L GY	FR		Mottled, tr clay
21	22	258082	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
22	23	258083	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
23	24	258084	MAG	MA, CRY		WH, M GY	FR		Mottled, tr clay
24	25	258085	MAG	MA, CRY	tr py	M GY	FR		Mottled
25	26	258086	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled
26	27	258087	MAG	MA, CRY	tr py	M GY, WH	FR		Mottled
27	28	258088	MAG	MA, CRY	tr py	M GY, WH	FR		Mottled
28	29	258089	MAG	MA, CRY	tr py	M GY, WH	FR		Mottled
29	30	258090	MAG	MA, CRY	tr py	M GY	FR		Mottled
30	31	258091	MAG	MA, CRY		M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3882.6E 2195.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 7/10/96

HOLE NO: 96 HDOT S2 RC82
AZIMUTH: - MAG/GRID
PAGE: 2 OF 2

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
31	32	258092	MAG	MA, CRY		M GY, WH	FR		Mottled
32	33	258093	MAG	MA, CRY	tr py	M GY, WH	FR		Mottled
33	34	258094	MAG	MA, CRY		L GY	FR		Weakly mottled
34	35	258095	MAG	MA, CRY	tr py	L GY, WH	FR		Mottled
35	36	258096	MAG	MA, CRY	tr py	L GY, WH	FR		Mottled
36	37	258097	MAG	MA, CRY	tr py	M GY, WH	fr		Mottled
37	38	258098	MAG	MA, CRY		M GY, WH	FR		Mottled
38	39	258099	MAG	MA, CRY	tr clt	M GY, WH	FR		Cntaminated, clay
39	40	258100	MAG	MA, CRY	tr py	L GY, WH	FR		Mottled
40	41	258101	MAG	MA, CRY	tr pt, tr cal	L GY, WH	FR		Mottled
41	42	258102	MAG	MA, CRY	tr py	L GY, WH	FR		Weakly mottled
42	43	258103	MAG	MA, CRY	tr py	WH, L GY	FR		Weakly mottled
43	44	258104	MAG	MA, CRY	tr py	WH, L GY	FR		Mottled
44	45	258105	MAG	MA, CRY	tr py	D GY	FR		Mottled
45	46	258106	MAG	MA, CRY	tr py, tr clt	WH, D GY	FR		Mottled
46	47	258107	MAG	MA, CRY		WH, M GY	FR		Mottled
47	48	258108	MAG	MA, CRY	tr py	WH, M GY	FR		Mottled

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: _____E_____N AMG/LOCAL
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 7/10/96

HOLE NO: 96 HDOT S2 RC83
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 6m
0	17								Overburden
17	24								Cavity
		Magnesite briefly encountered @ 17m - cavenous thereafter - rods beginning to stick - hole abandoned @ 24m							

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: _____E_____N AMG/LOCAL
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 7/10/96

HOLE NO: 96 HDOT S2 RC84
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 13m
0	16						OX		Overburden
16	17	258109	MAG	MA, CRY		M GY	FR		Minor contamination, clay
17	18	258110	MAG	MA, CRY		M GY	FR		Minor contamination, clay
18	19	258111	No sample - cavity						Cavity
19	20	258112	MAG	MA, CRY		M GY	FR		Tr contamination, clay
20	21	258113	MAG	MA, CRY		M GY	FR		Tr contamination, clay
21	22	258114	MAG	MA, CRY		M GY	FR		Tr contamination
									Cavity
			Cavity with skeletal magnesite, low sample return, copious muddy water. Hole terminated @ 24m						

COMMERCIAL MINERALS LIMITE(
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: _____E_____N AMG/LOCAL
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 7/10/96

HOLE NO: 96 HDOT S2 RC85
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 21m
0	50								All Overburden

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3842.7E 2194.8N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 7/10/96

HOLE NO: 96 HDOT S2 RC86
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
0	50						OX		
			Hole traversed overburden to ~ 45m, 45-50m muddy, skeletal magnesite slush - hole terminated at 50m.						

COMMERCIAL MINERALS LIMITED
RC DRILLING LOG

PROJECT: HUANDOT MAGNESITE PROJECT
CO-ORDS: 3843.1E 2235.1N LOCAL GRID
DRILLERS: ROCKDRIL
LOGGED BY: IAN TURNER

PROSPECT: HUANDOT
DIP: -90°
DRILLRIG: HAMMERTRAK 2000
DATE: 7/10/96

HOLE NO: 96 HDOT S2 RC87
AZIMUTH: - MAG/GRID
PAGE: 1 OF 1

NOTE:

INTERVAL		SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
FROM	TO								
									Water @ 8m
0	23								Overburden
23	35								
		Hole entered semi-decomposed magnesite @ 23m terminated in skeletal semi-decomposed magnesite @ 35m, 3m cavity 25 - 28m, abundant water							

APPENDIX C

BIBLIOGRAPHIC DATA SHEET

BIBLIOGRAPHIC DATA SHEET

REPORT NUMBER:	21217
REPORT TITLE:	ANNUAL REPORT FOR PERIOD 6 APRIL 1996 TO 5 APRIL 1997 ERL 128, HUANDOT MAGNESITE DEPOSIT PINE CREEK AND DARWIN 1:250 000 SHEETS, SD52-8 AND SD52-4
PROSPECT NAME(S):	HUANDOT
TENEMENT NUMBER:	ERL128
OWNER/JV PARTNERS:	CML
COMMODITY(IES):	MAGNESITE
TECTONIC UNIT(S):	PINE CREEK GEOSYNCLINE RUM JUNGLE COMPLEX
STRATIGRAPHIC UNIT:	COOMALIE DOLOMITE
1:250 000 MAP SHEET(S):	PINE CREEK SD52-8 DARWIN SD52-4
1:100 000 MAP SHEET(S):	BATCHELOR
KEYWORDS:	MAGNESITE MAGNESIUM METAL RESOURCE ESTIMATES CHEMICAL ANALYSIS

FIGURE 1

HUANDOT MAGNESITE PROJECT

Report on

Stage 1 and Stage 2 Drilling,

Huandot Magnesite Deposit

ERL-128 MLNa-1147

LEGEND

- Mount Partridge Group
- Whites Formation
- Coomalie Dolomite
- Magnesite
- Magnesite outcrop
- Magnesite ore boundary
- Dolomite
- Hematite breccia
- Sinkhole
- Pandanas / grass

ZONE A

ZONE B

AREA 2

AREA 1

ERL 128

MLNa 1147

1060m

1065m

1070m

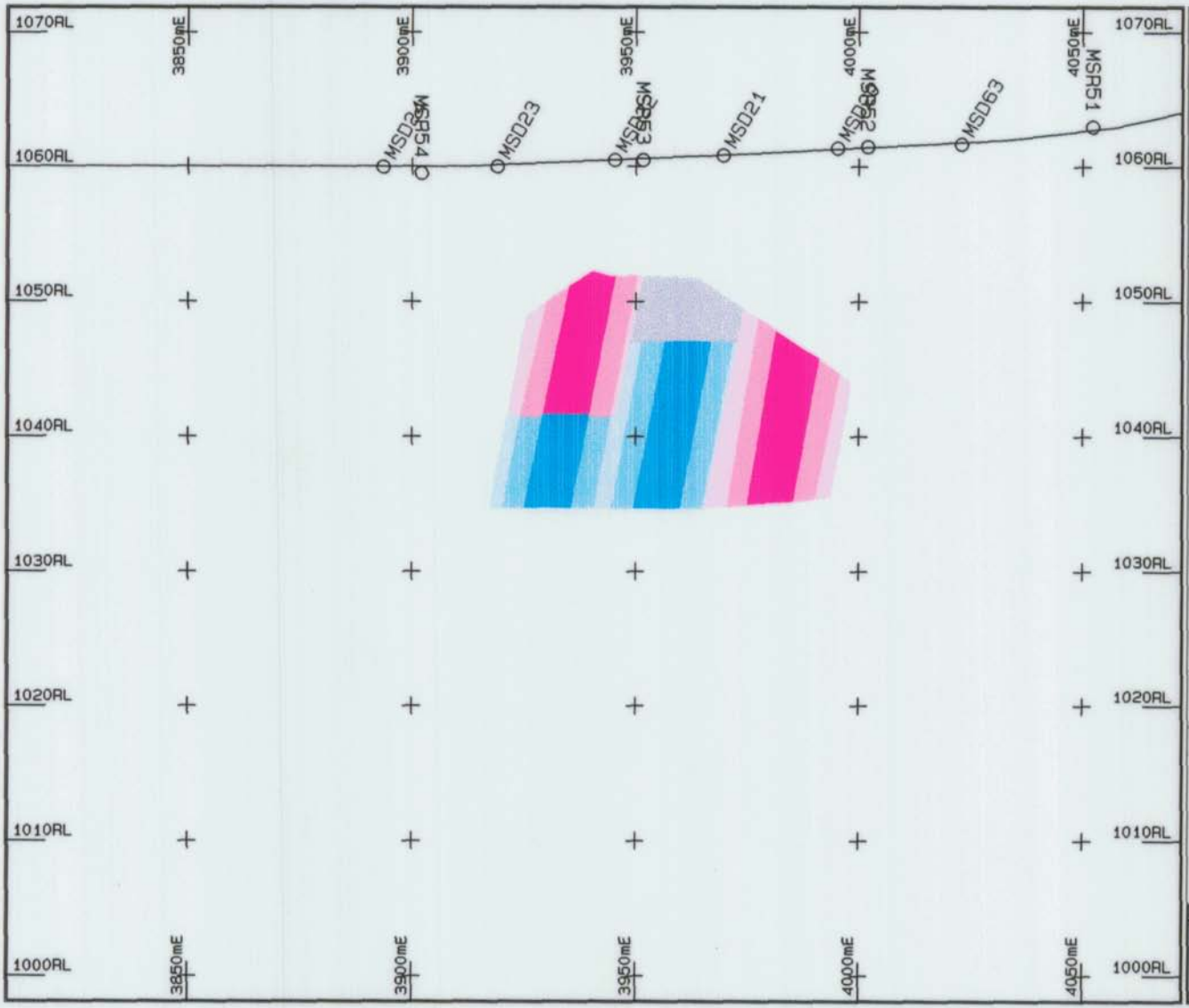
1074m

1045m

1055m

3760mE 3840mE 3920mE 4000mE 4080mE 4160mE 4240mE 4320mE 4400mE 4480mE

2240mN 2160mN 2080mN 2000mN 1920mN 1840mN 1760mN 1680mN 1600mN 1520mN 1440mN 1360mN 1280mN



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

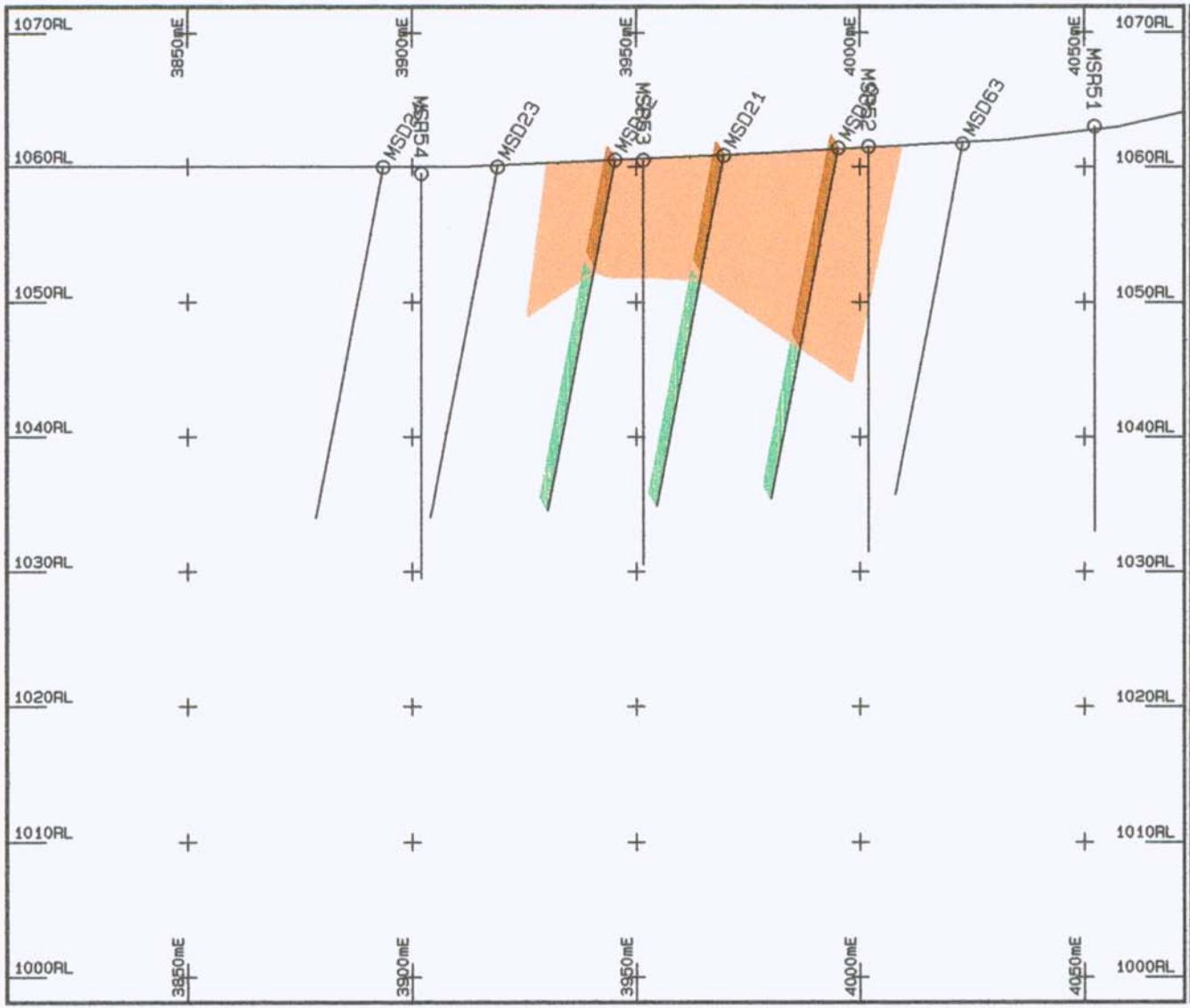
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1630



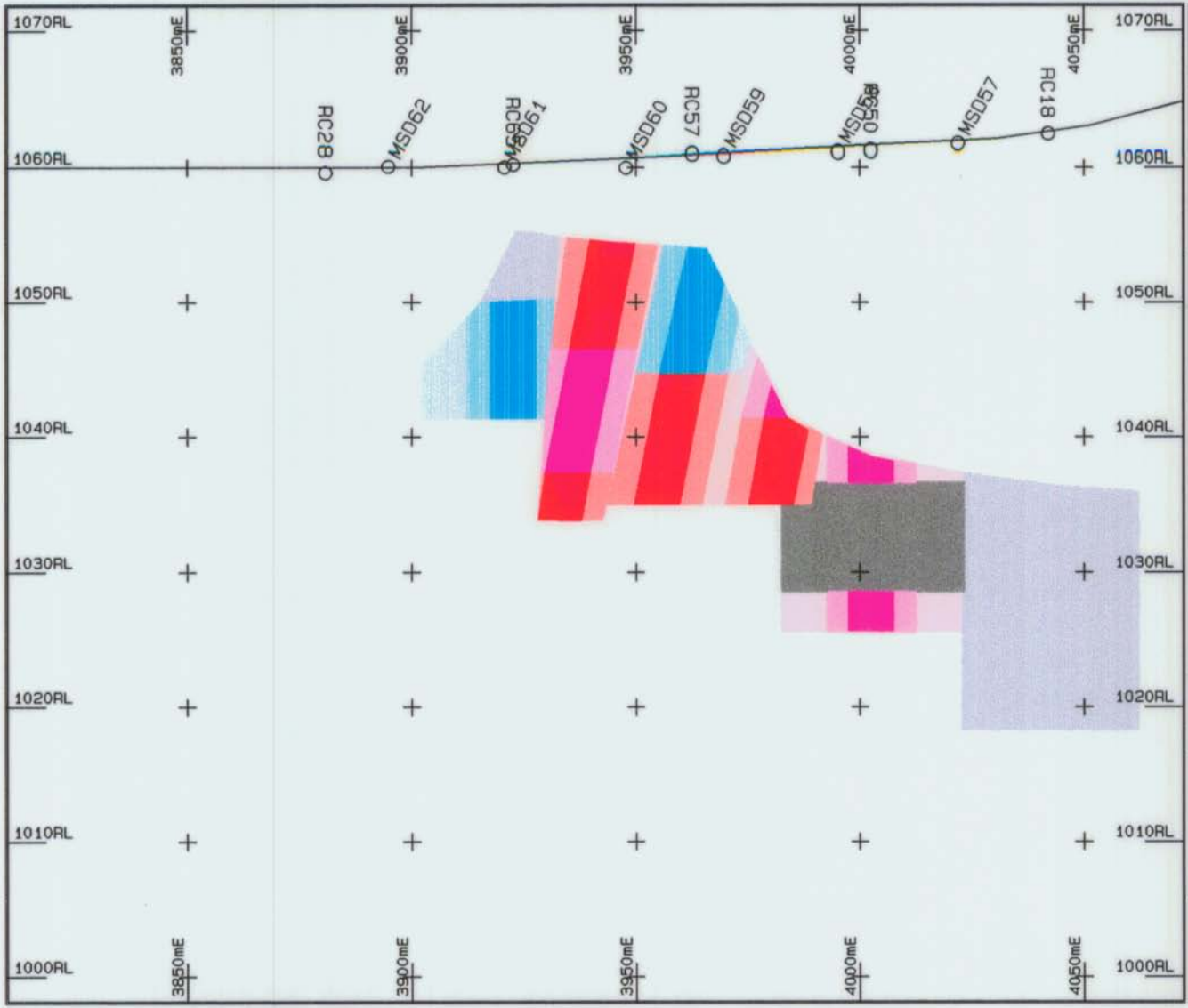
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 1 of 20
YSCALE 1: 500	REF No.	FILE D:\SEC163.PL

SECTION 1630mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

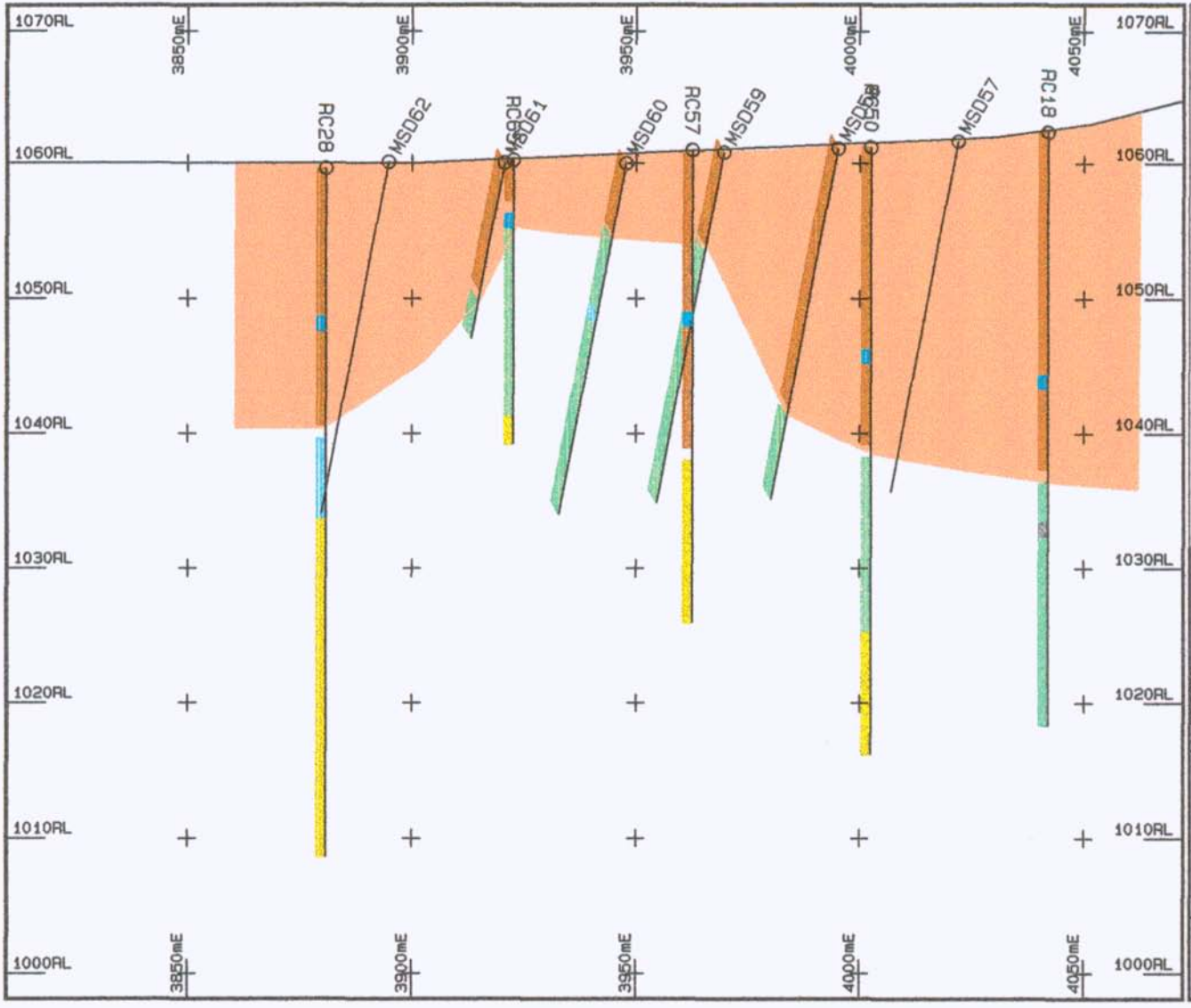
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1675



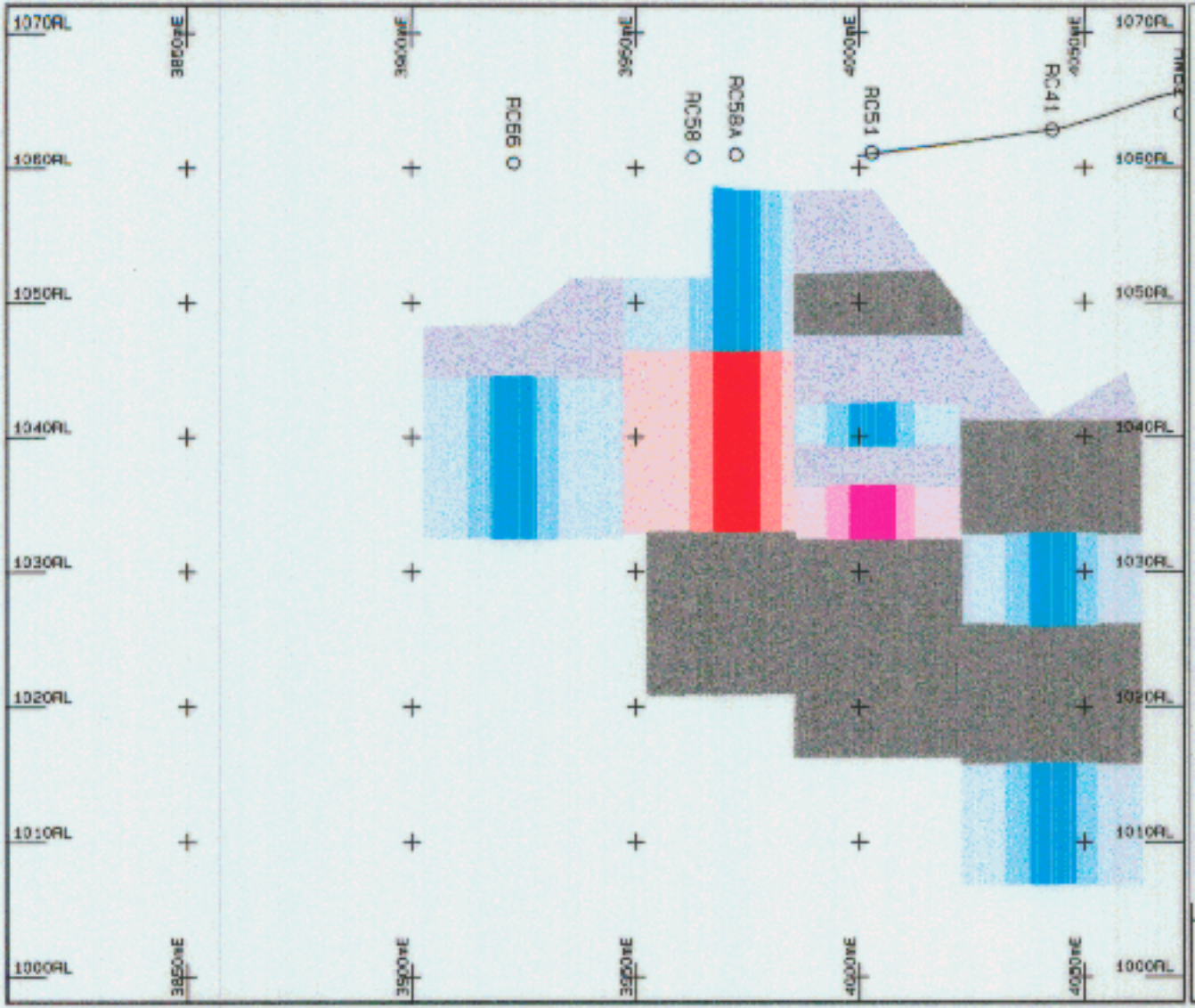
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 2 of 20
YSCALE 1: 500	REF No.	FILE DMSEc167.PL

SECTION 1675mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA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3900mE
3950mE
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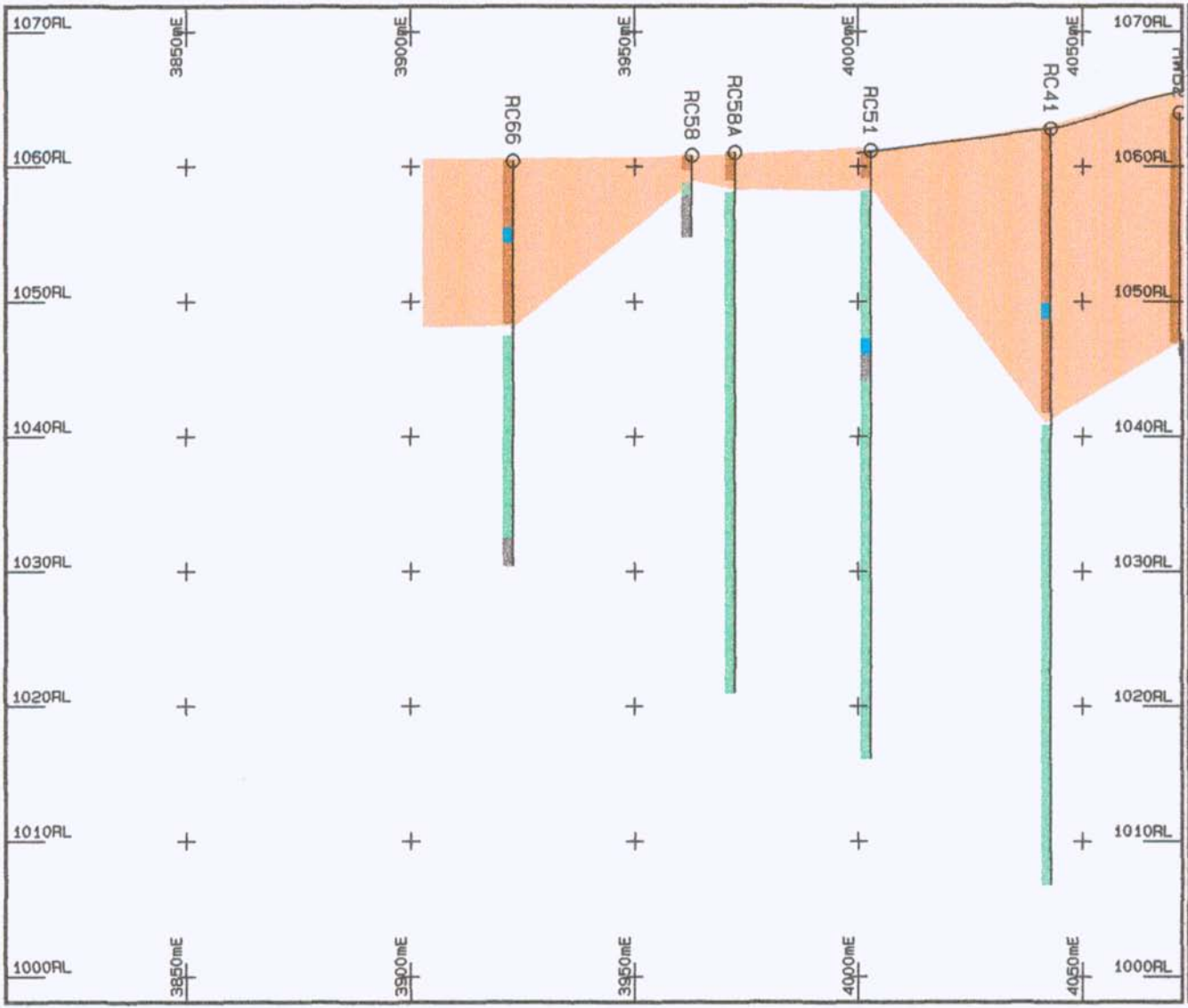
RC66
RC58
RC58A
RC51
RC41
LEGEND
GRADE 2
measured
indicated
inferred
GRADE 3
measured
indicated
inferred
GRADE 5
measured
indicated
inferred
GRADE 6
measured
indicated
inferred
GRADE 7
GRADE 8
GRADE 1
Mg > 25.0%
Fe =< 5300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 25.0%
Fe =< 5300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 25.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 25.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 25.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 25.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 25.0% - Waste
COMMERCIAL MINERALS LTD
100 EASTERN PARADE
BILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1715



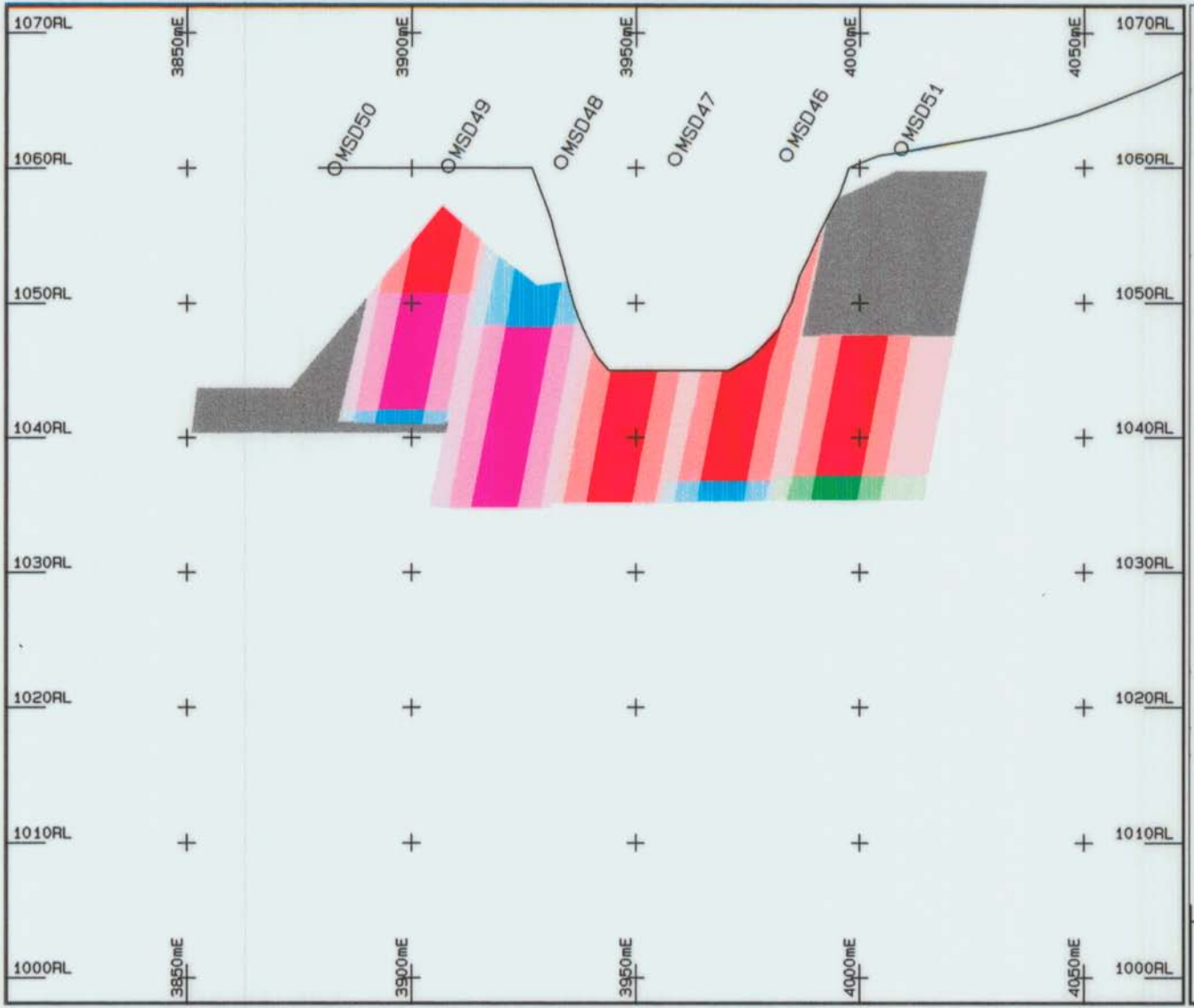
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 3 of 20
YSCALE 1: 500	REF No.	FILE Dmsec171.PL

SECTION 1715mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

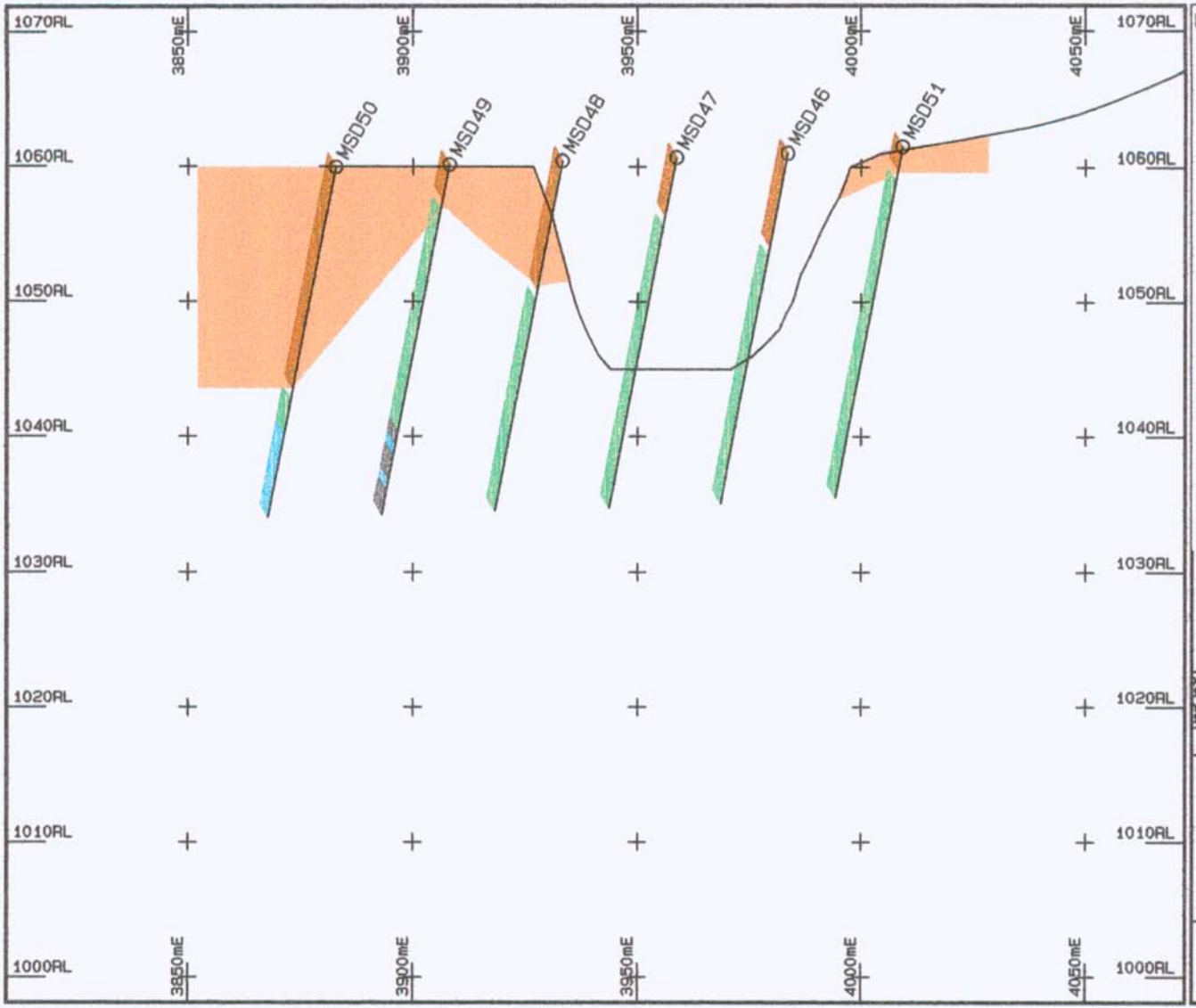
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1735



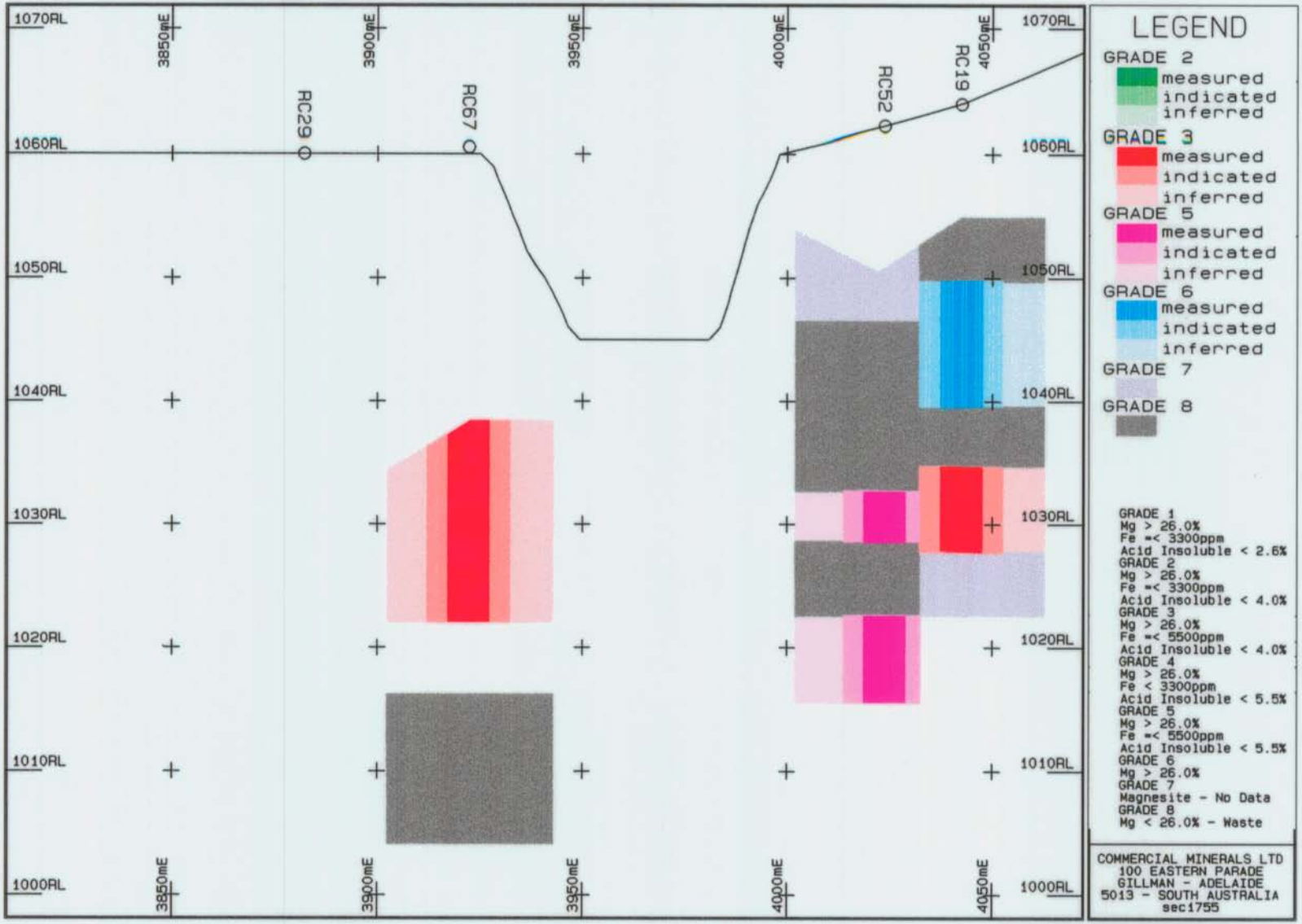
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 4 of 20
YSCALE 1: 500	REF No.	FILE D:\sec173.PL

SECTION 1735mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA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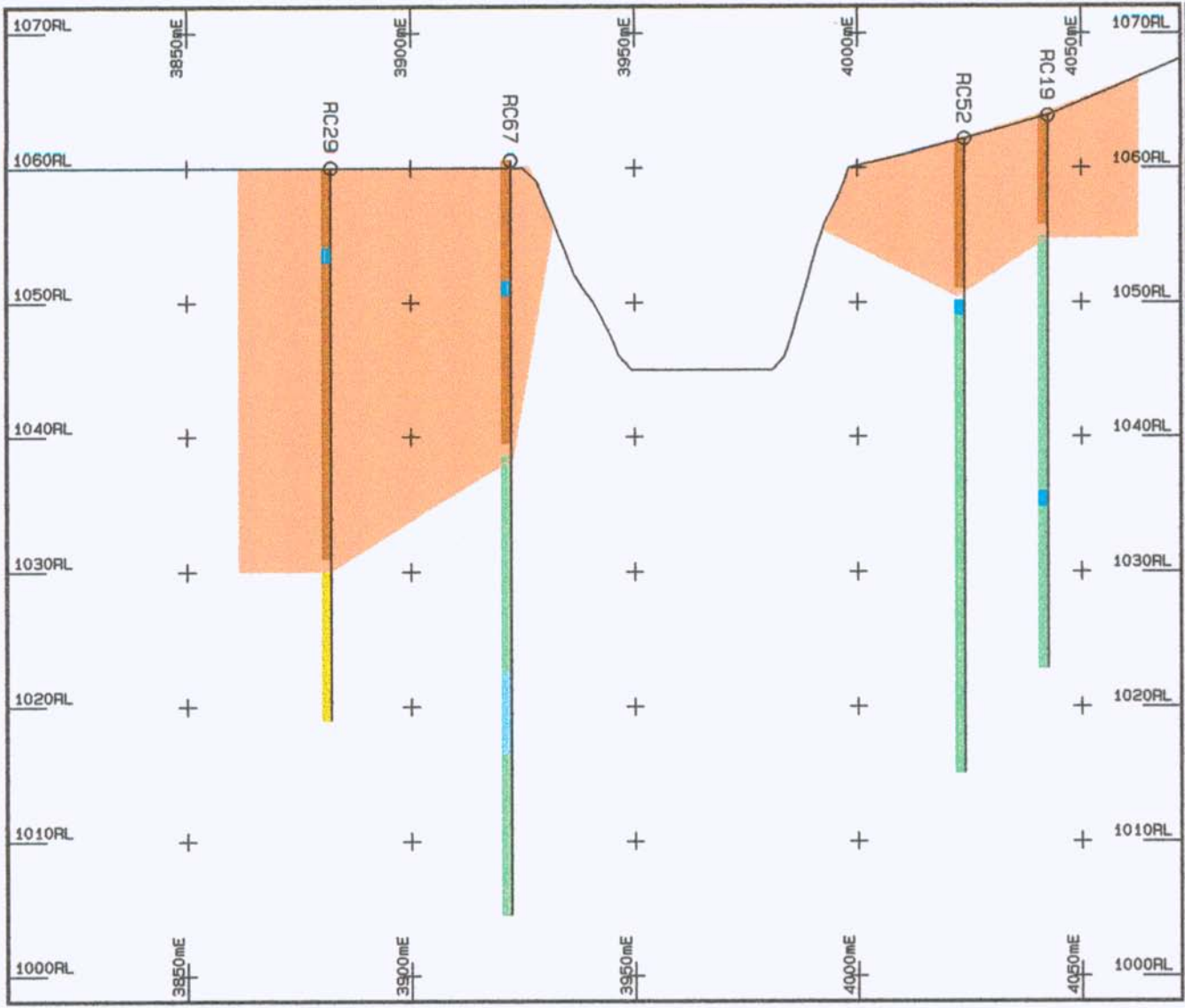
4000mE
4050mE
RC29
RC67
RC52
RC19
LEGEND
GRADE 2
measured
indicated
inferred
GRADE 3
measured
indicated
inferred
GRADE 5
measured
indicated
inferred
GRADE 6
measured
indicated
inferred
GRADE 7
GRADE 8
GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste
COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1755



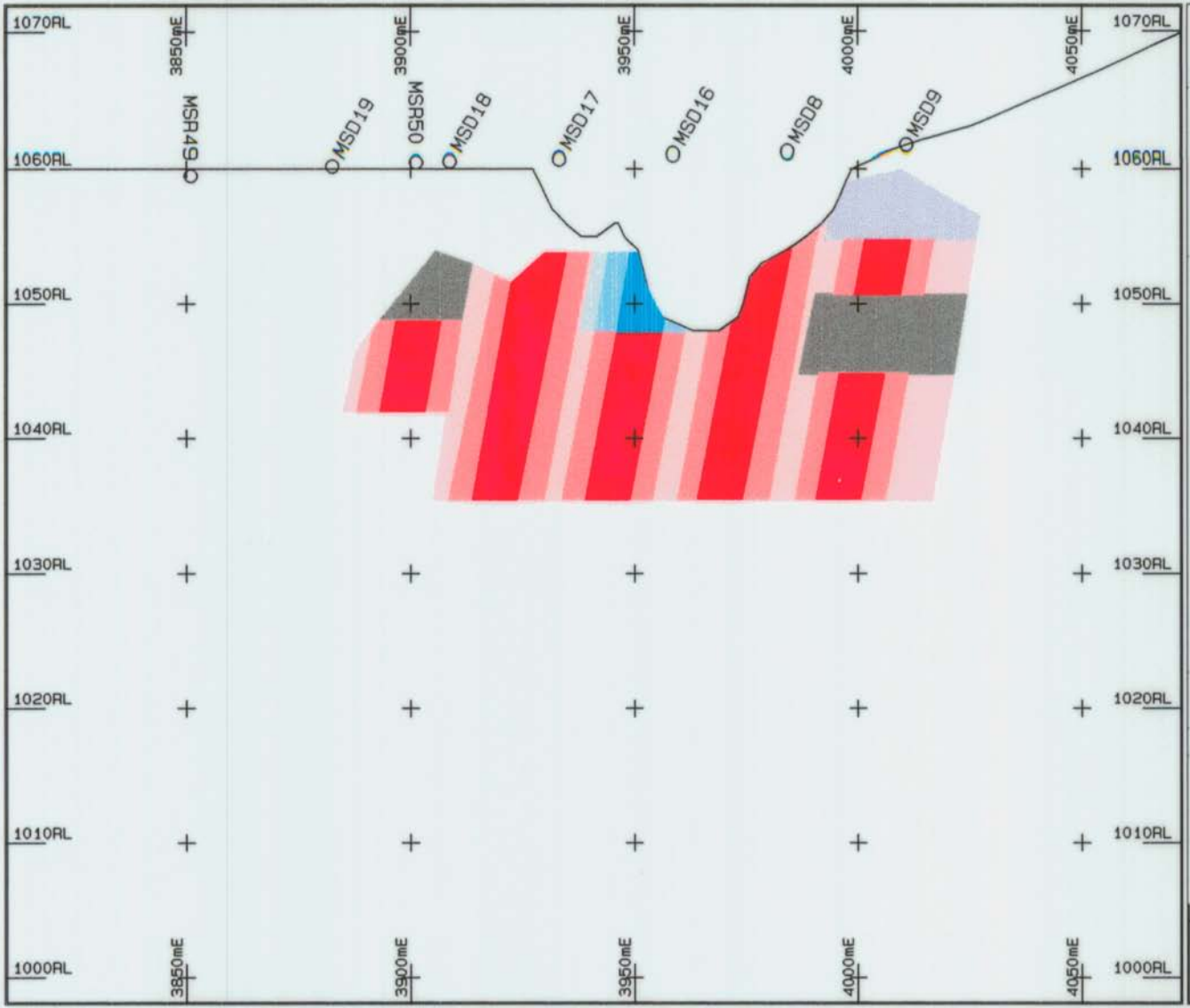
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1:1500	DATE 13/01/97	SHEET 5 of 20
YSCALE 1:500	REF No.	FILE D:\sec175.PL

SECTION 1755mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

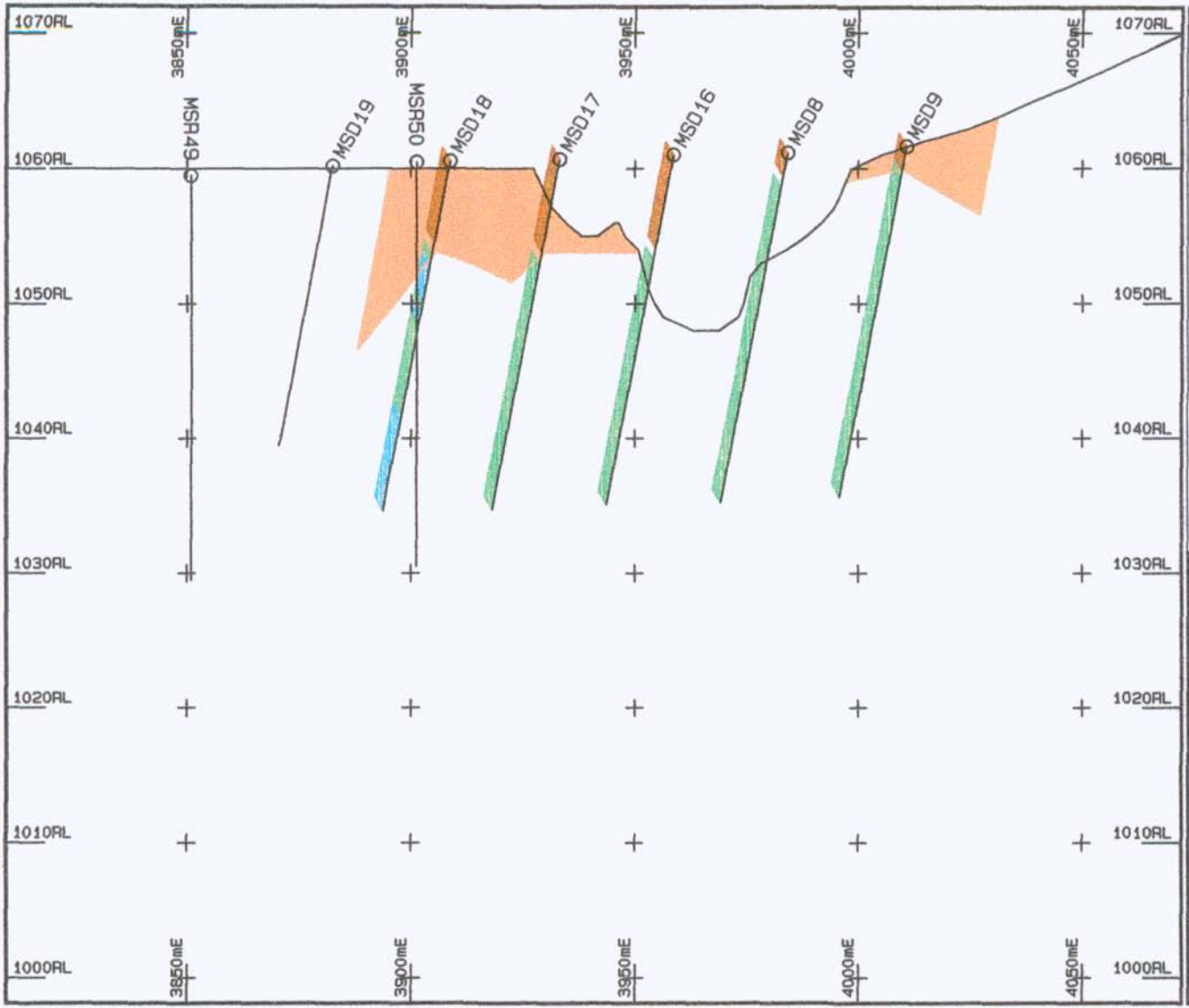
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1785



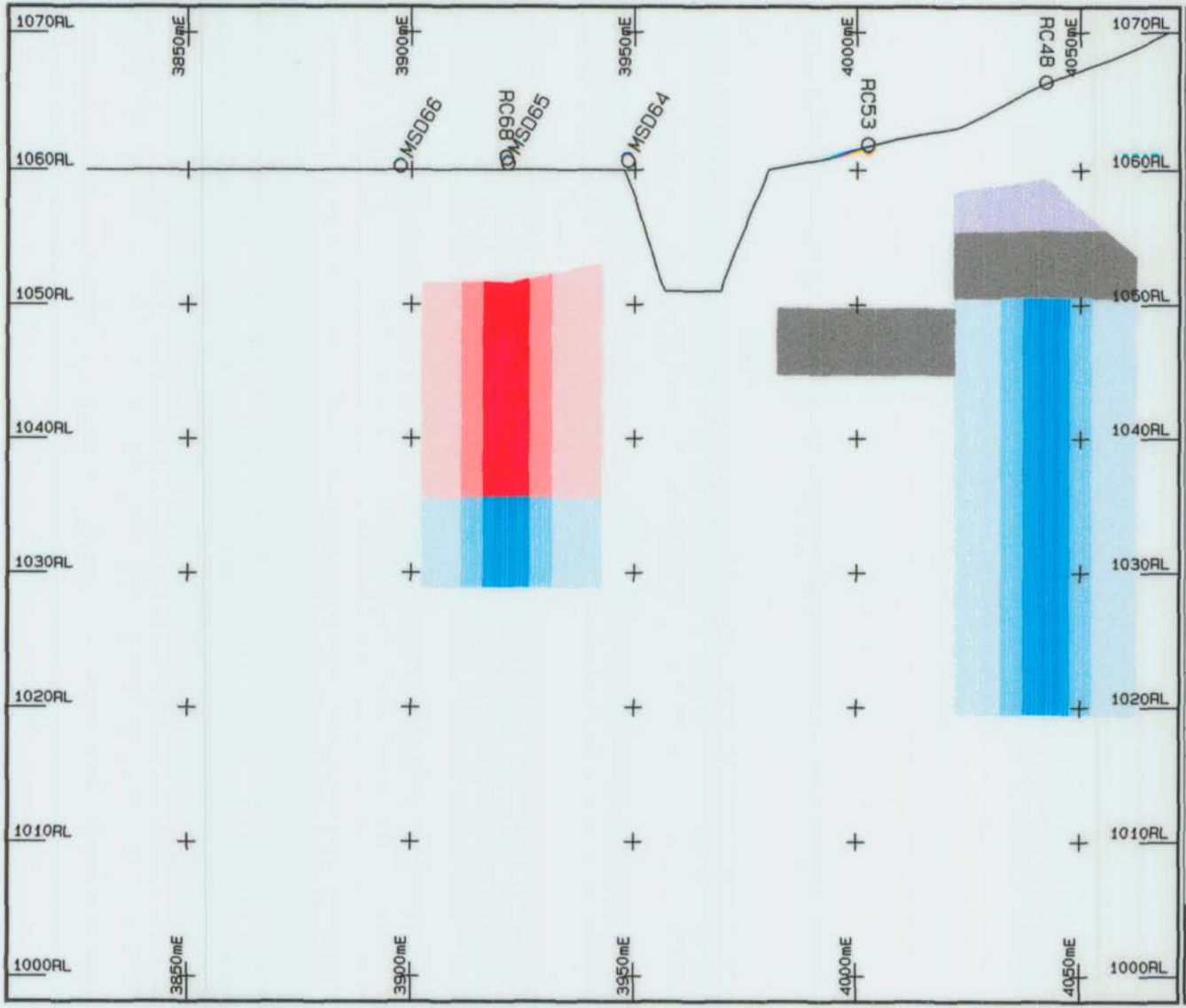
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 6 of 20
YSCALE 1: 500	REF No.	FILE D#sec178.PL

SECTION 1785mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

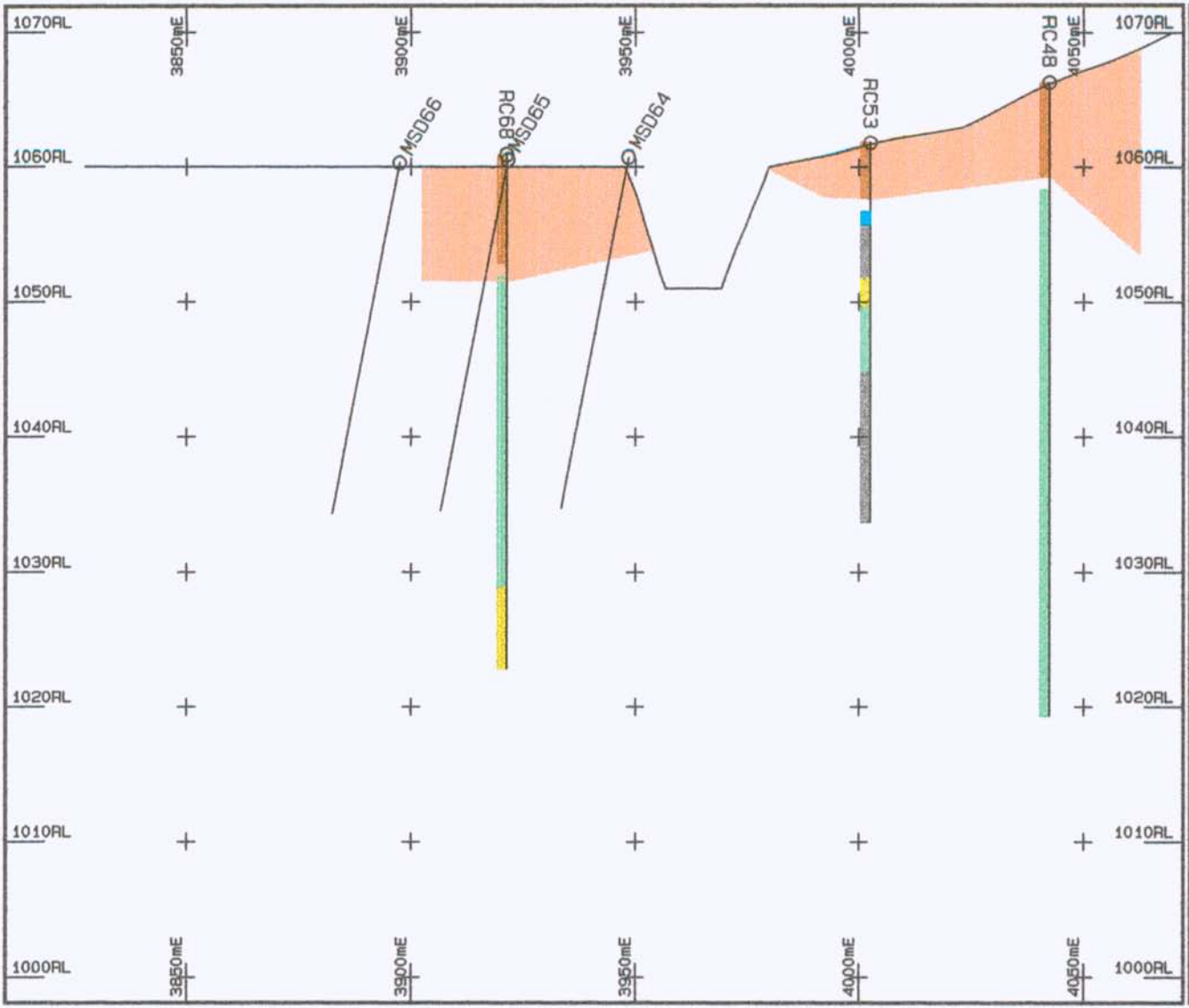
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1795



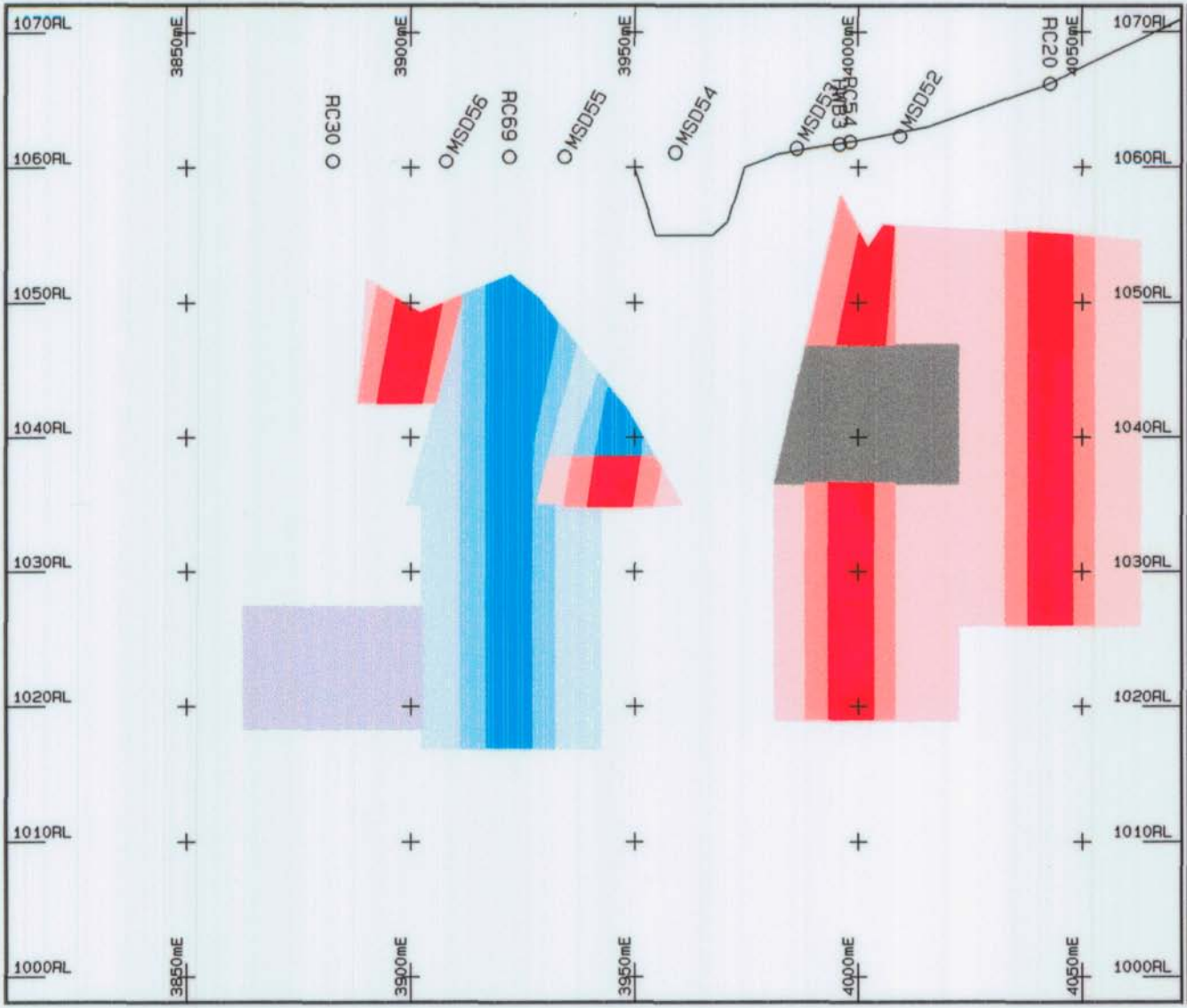
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1:1500	DATE 13/01/97	SHEET 7 of 20
YSCALE 1:500	REF No.	FILE D:\sec179.PL

SECTION 1795mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

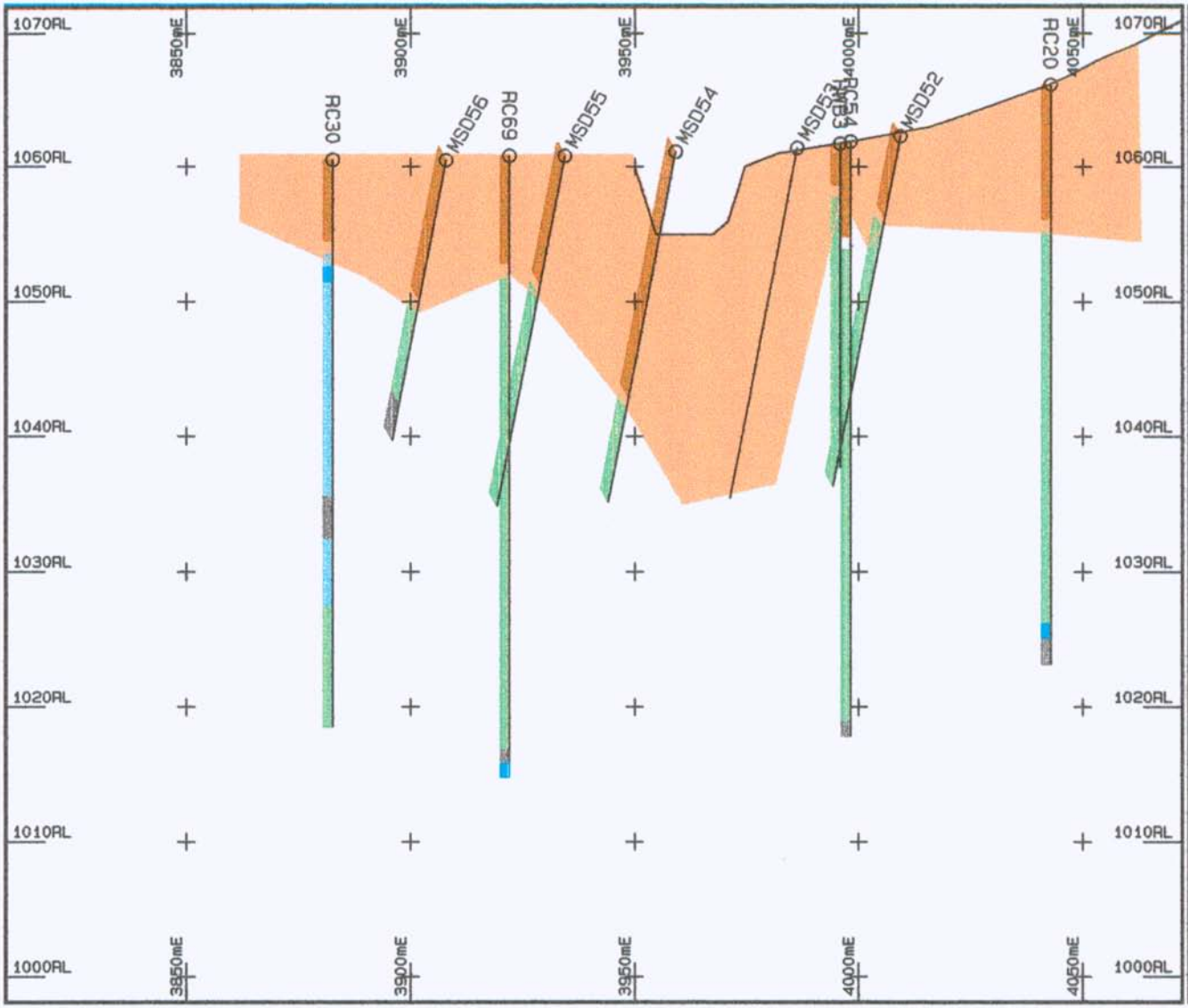
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1835



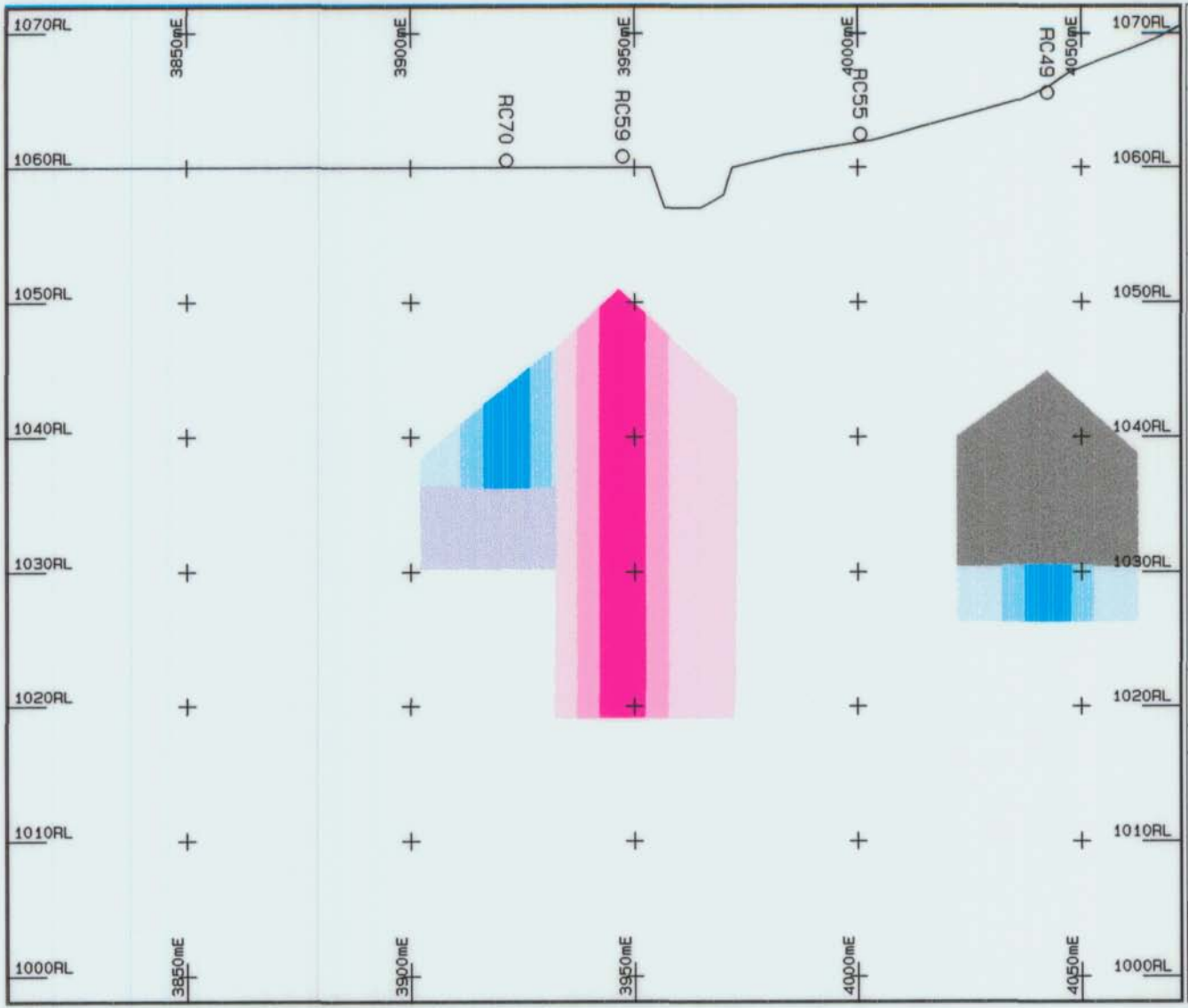
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 8 of 20
YSCALE 1: 500	REF No.	FILE Dmsec183.PL

SECTION 1835mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

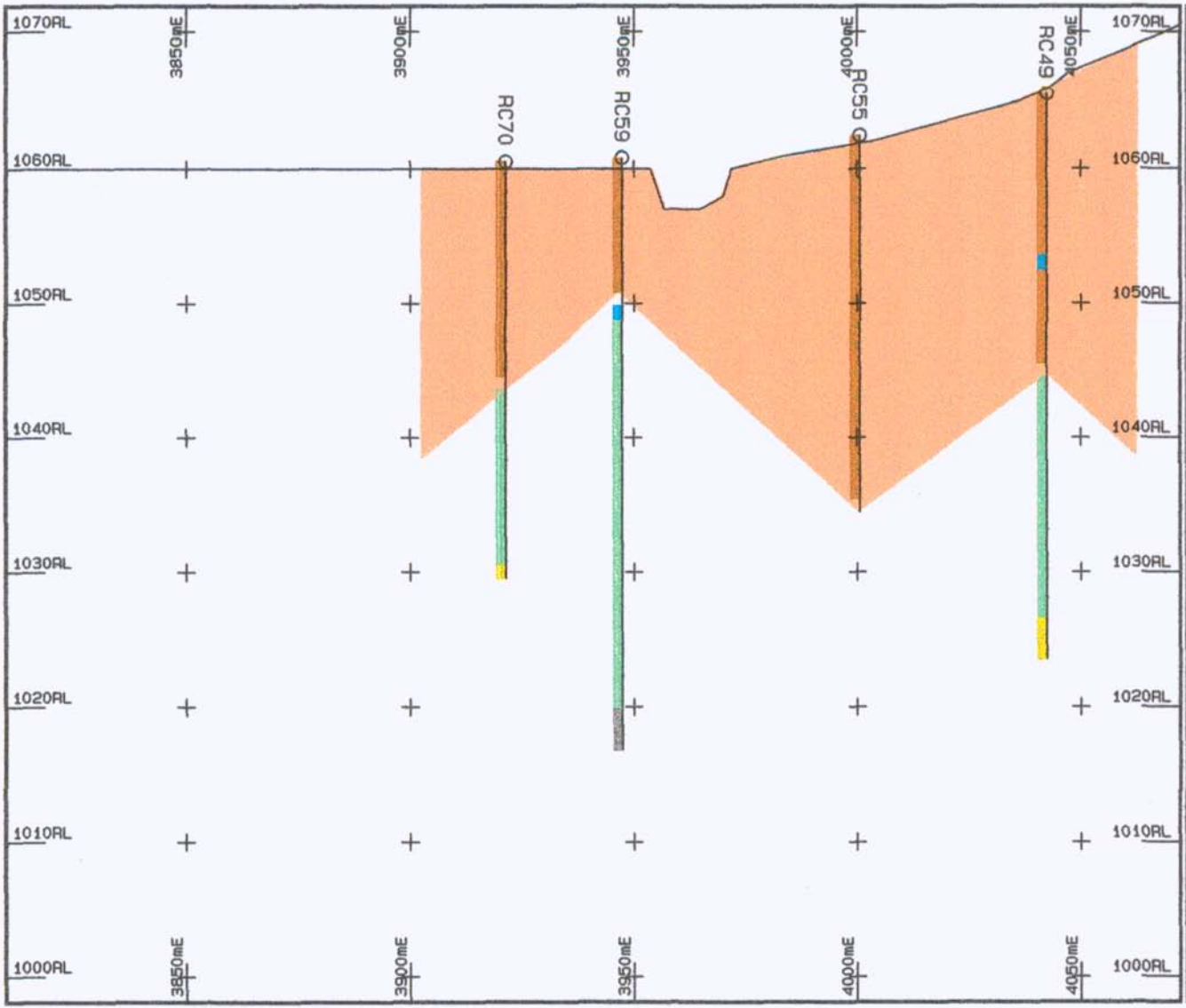
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1875



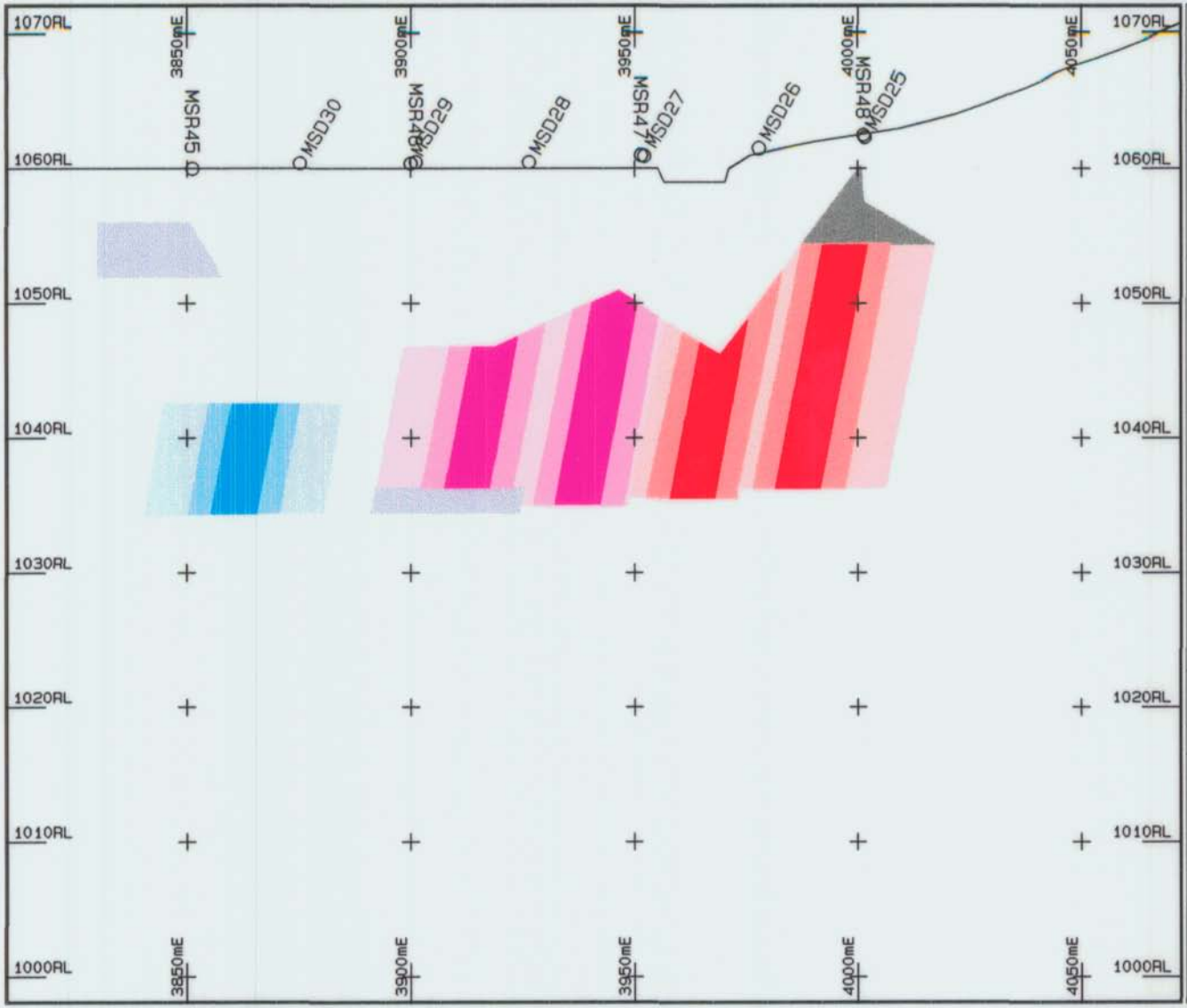
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 9 of 20
YSCALE 1: 500	REF No.	FILE D@sec187.PL

SECTION 1875mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

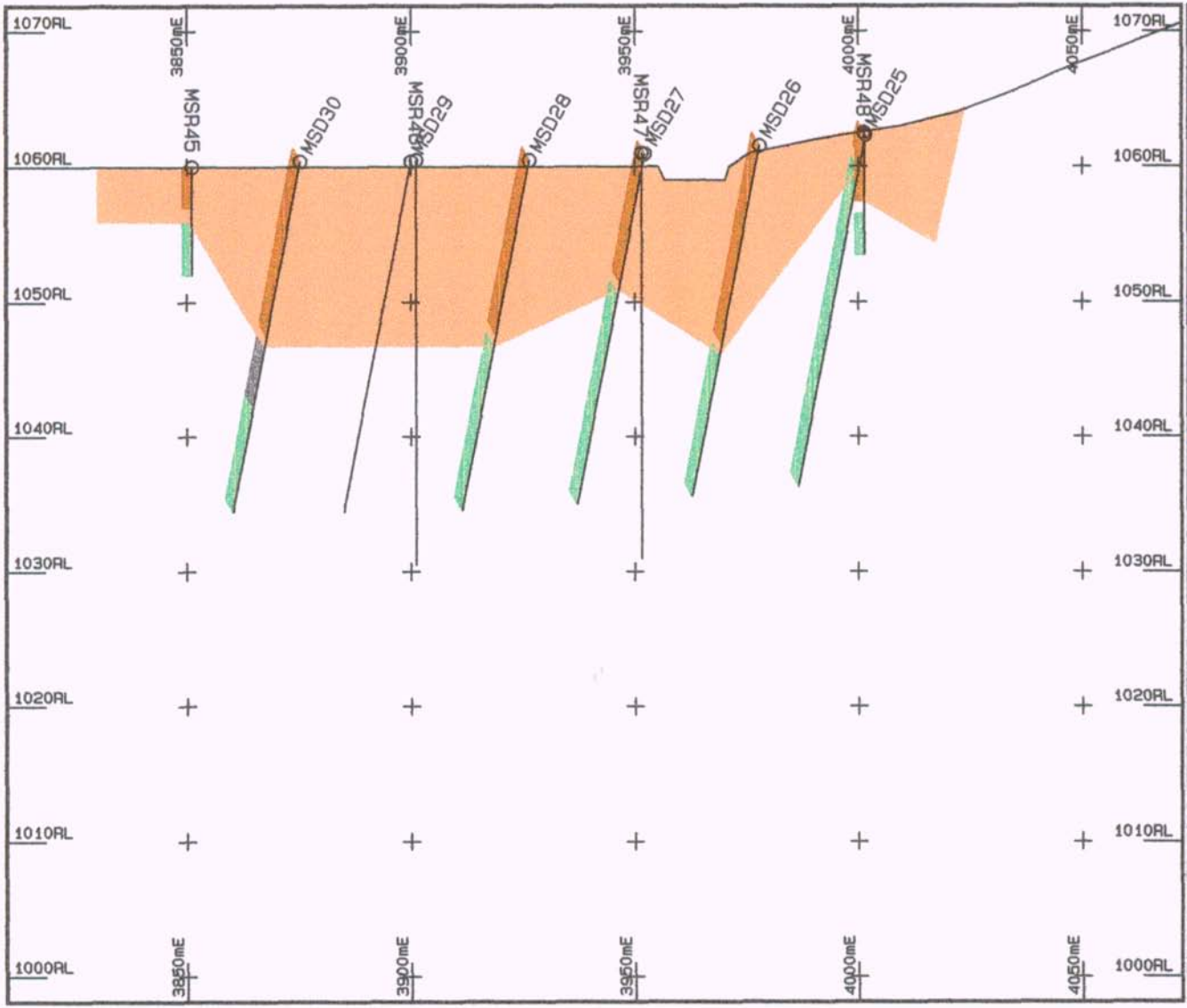
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1888



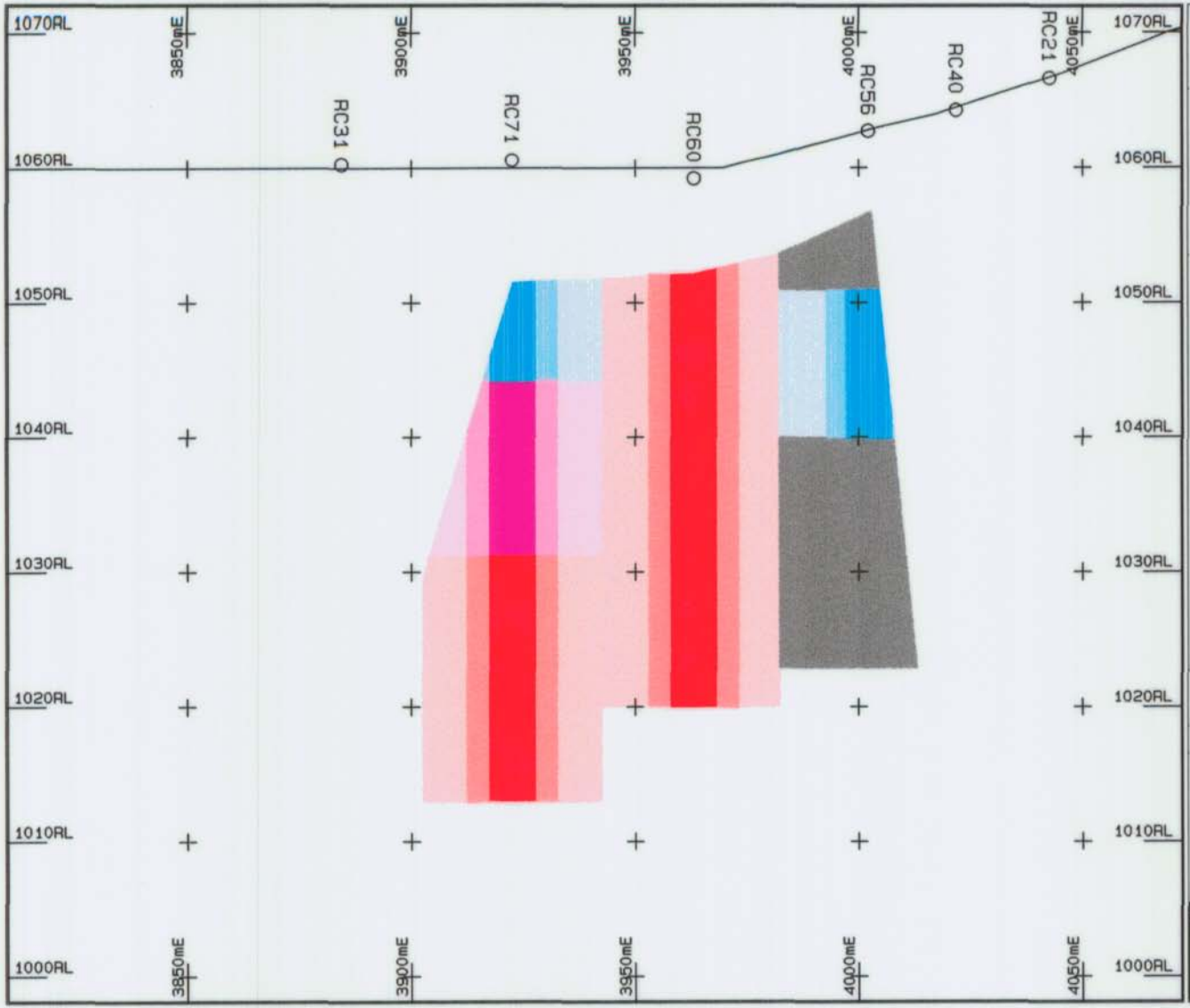
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 10 of 20
YSCALE 1: 500	REF No.	FILE Dmsec186.PL

SECTION 1888mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

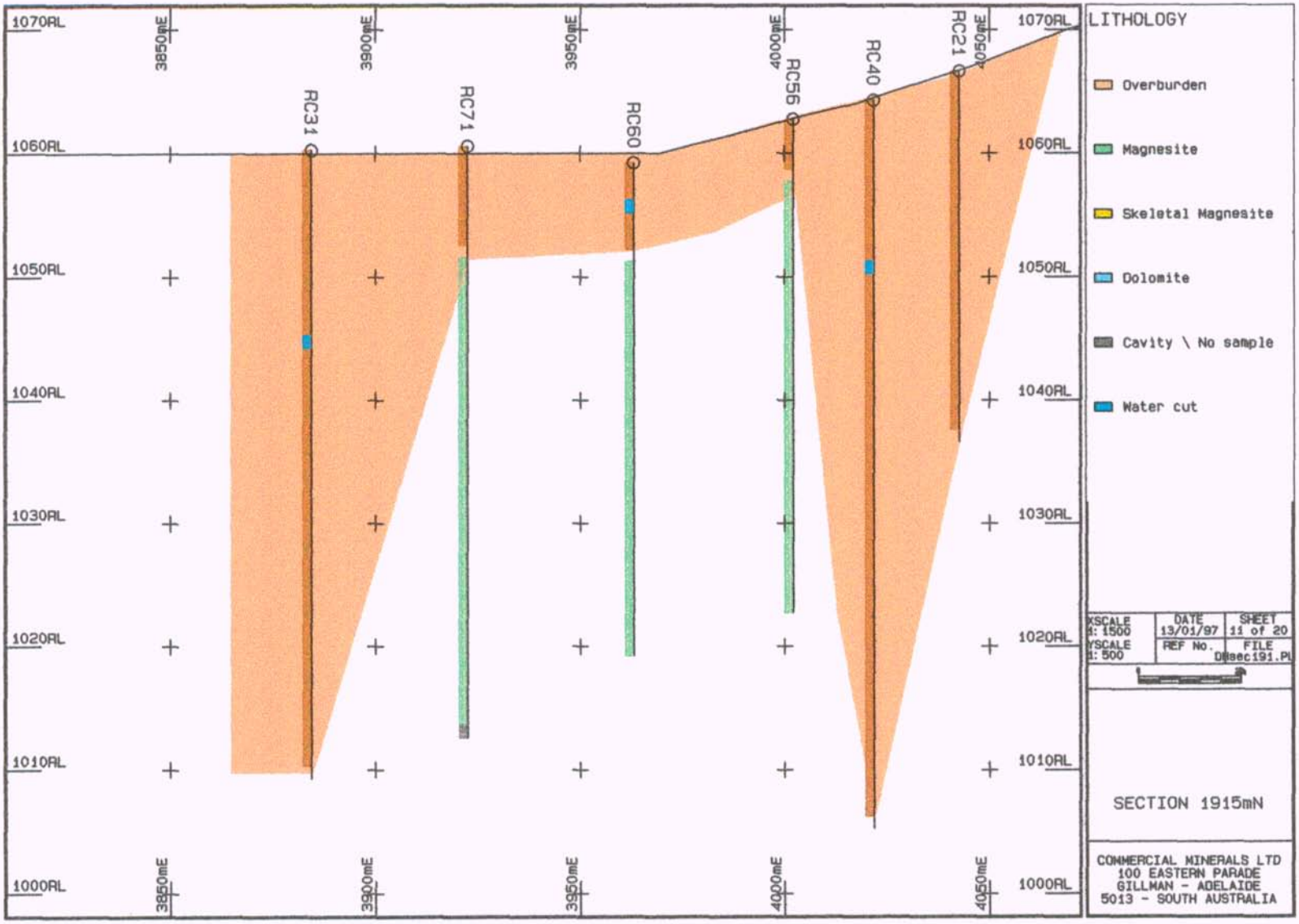
GRADE 6
- measured
- indicated
- inferred

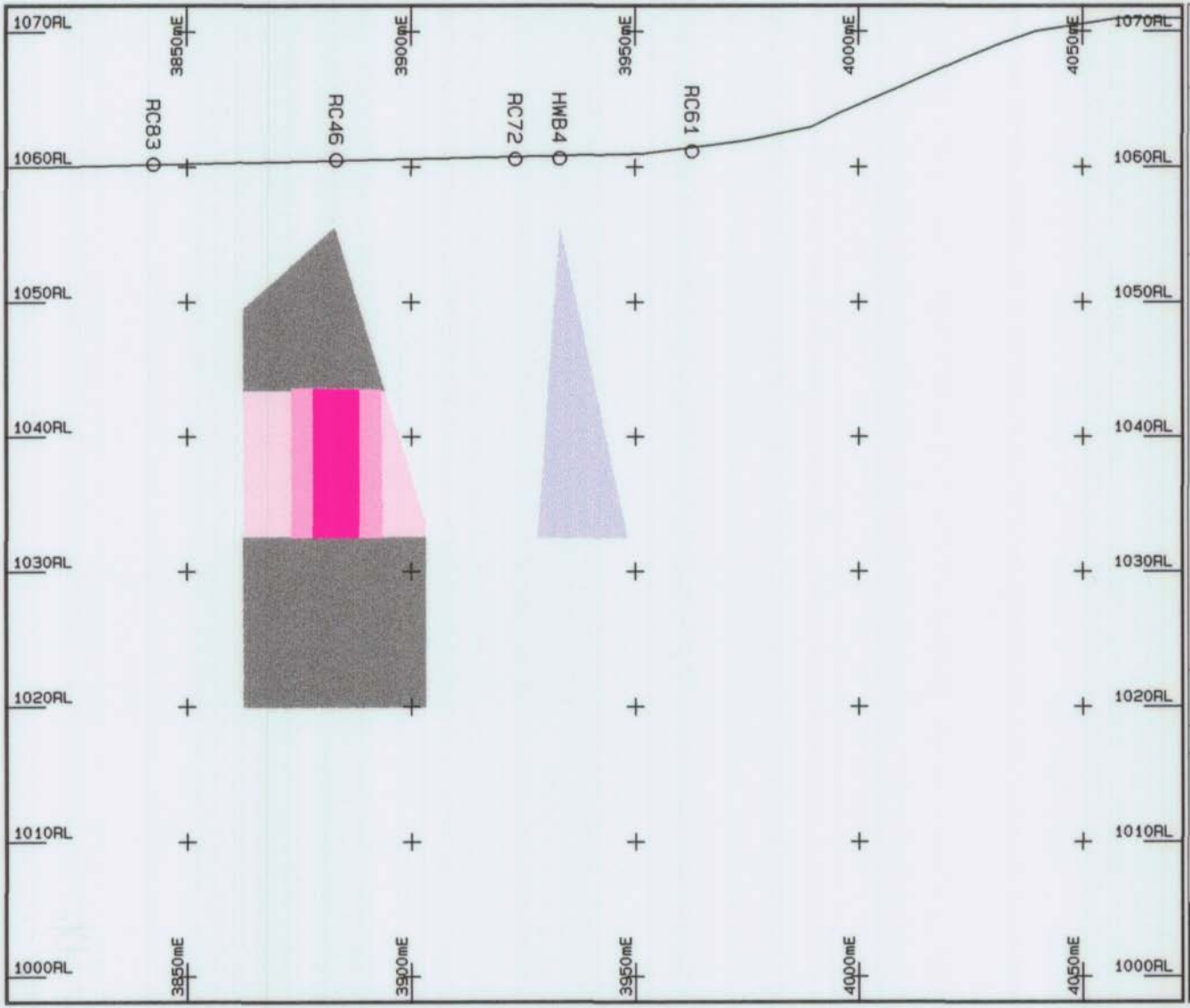
GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1915


1070RL
1060RL
1050RL
1040RL
1030RL
1020RL
1010RL
1000RL
3850mE
3900mE
3950mE
4000mE
4050mE
RC31
RC71
RC60
RC56
RC40
RC21
LITHOLOGY
Overburden
Magnesite
Skeletal Magnesite
Dolomite
Cavity \ No sample
Water cut
XSCALE 1: 1500
YSCALE 1: 500
DATE 13/01/97
SHEET 11 of 20
REF No.
FILE D@sec191.PL
SECTION 1915mN
COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

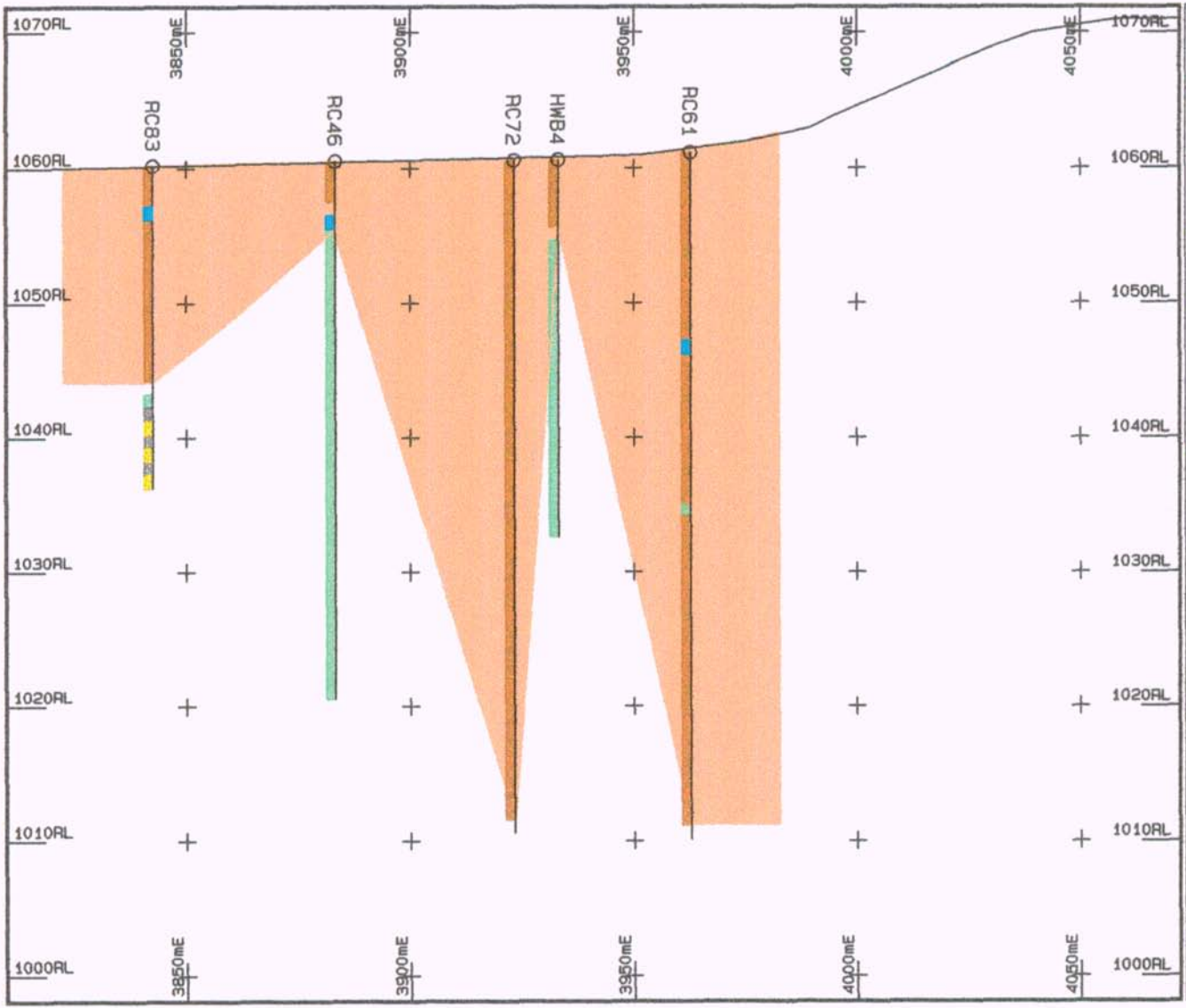
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN ~ ADELAIDE
5013 - SOUTH AUSTRALIA
sec1955



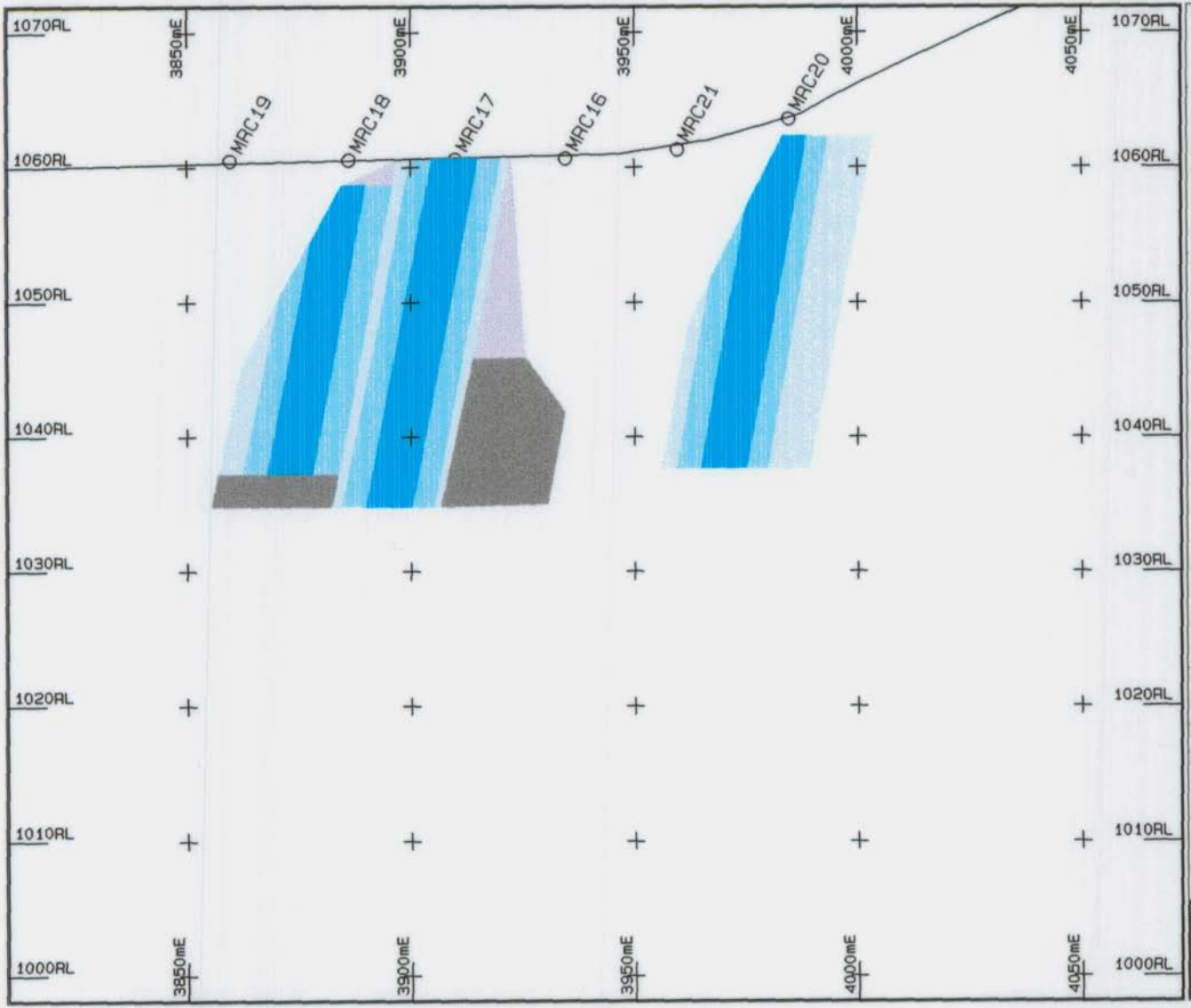
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 12 of 20
YSCALE 1: 500	REF No.	FILE Dmsec195.PL

SECTION 1955mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

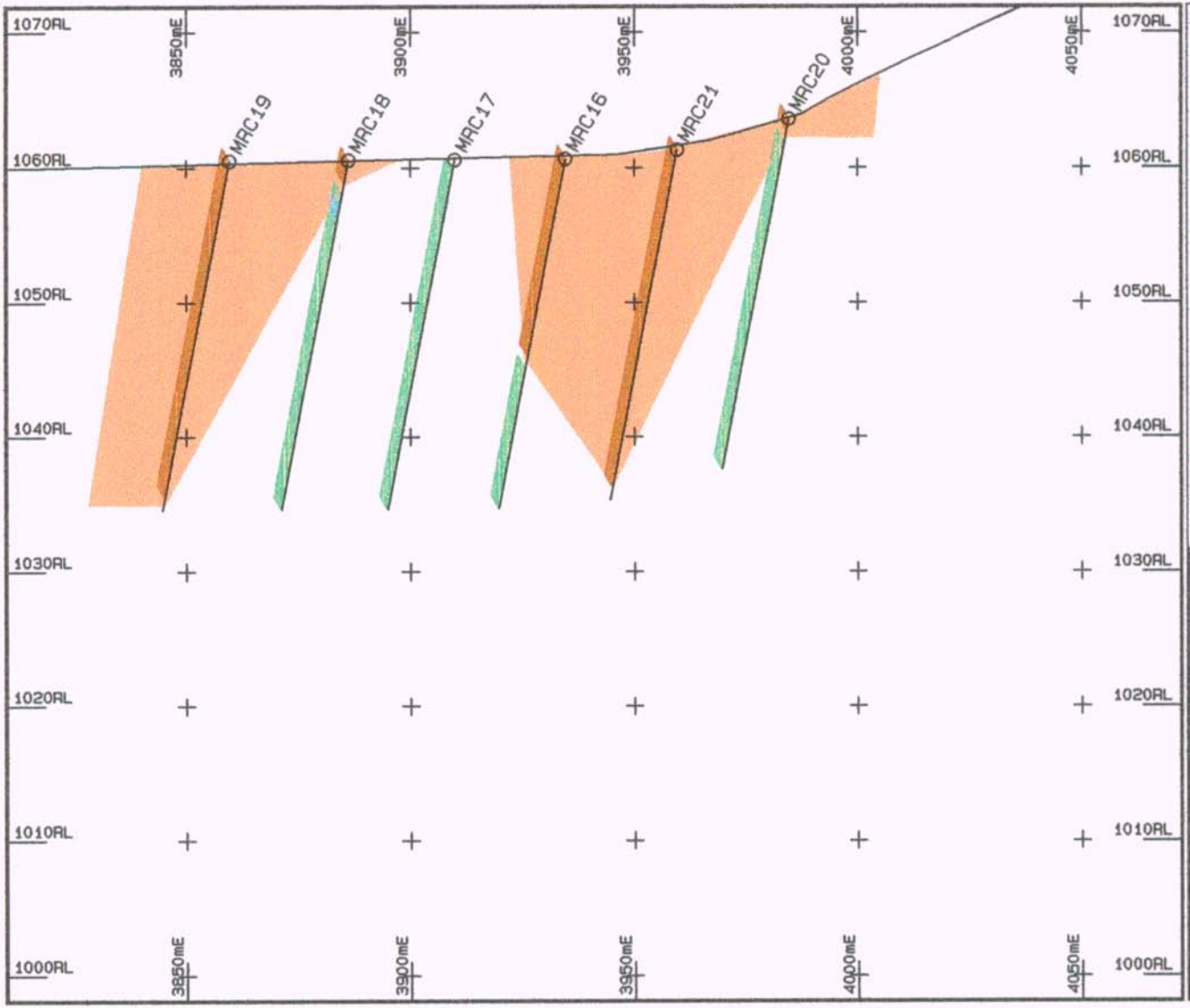
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.5%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1978



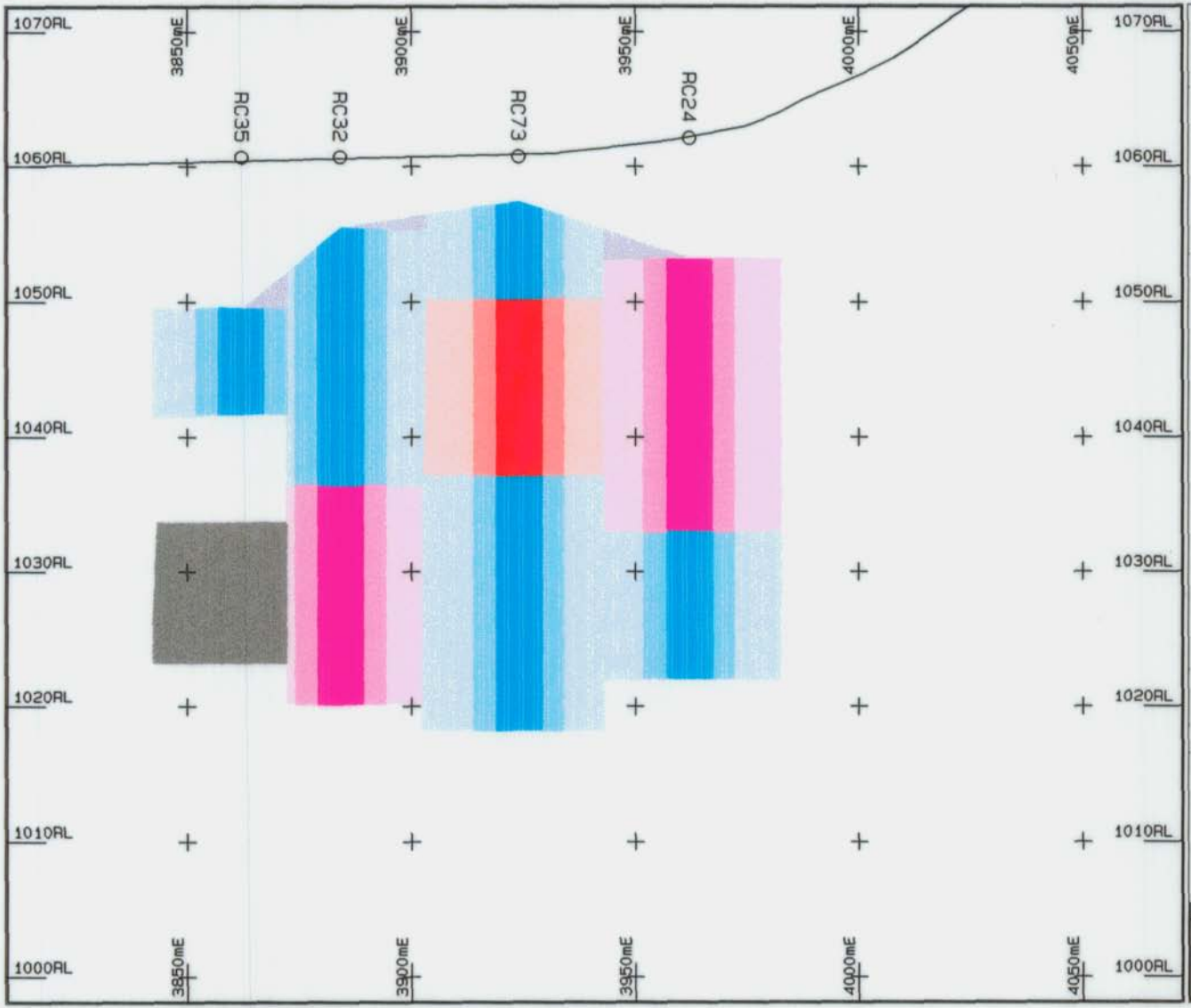
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 13 of 20
YSCALE 1: 500	REF No.	FILE D:\sec197.PL

SECTION 1978mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

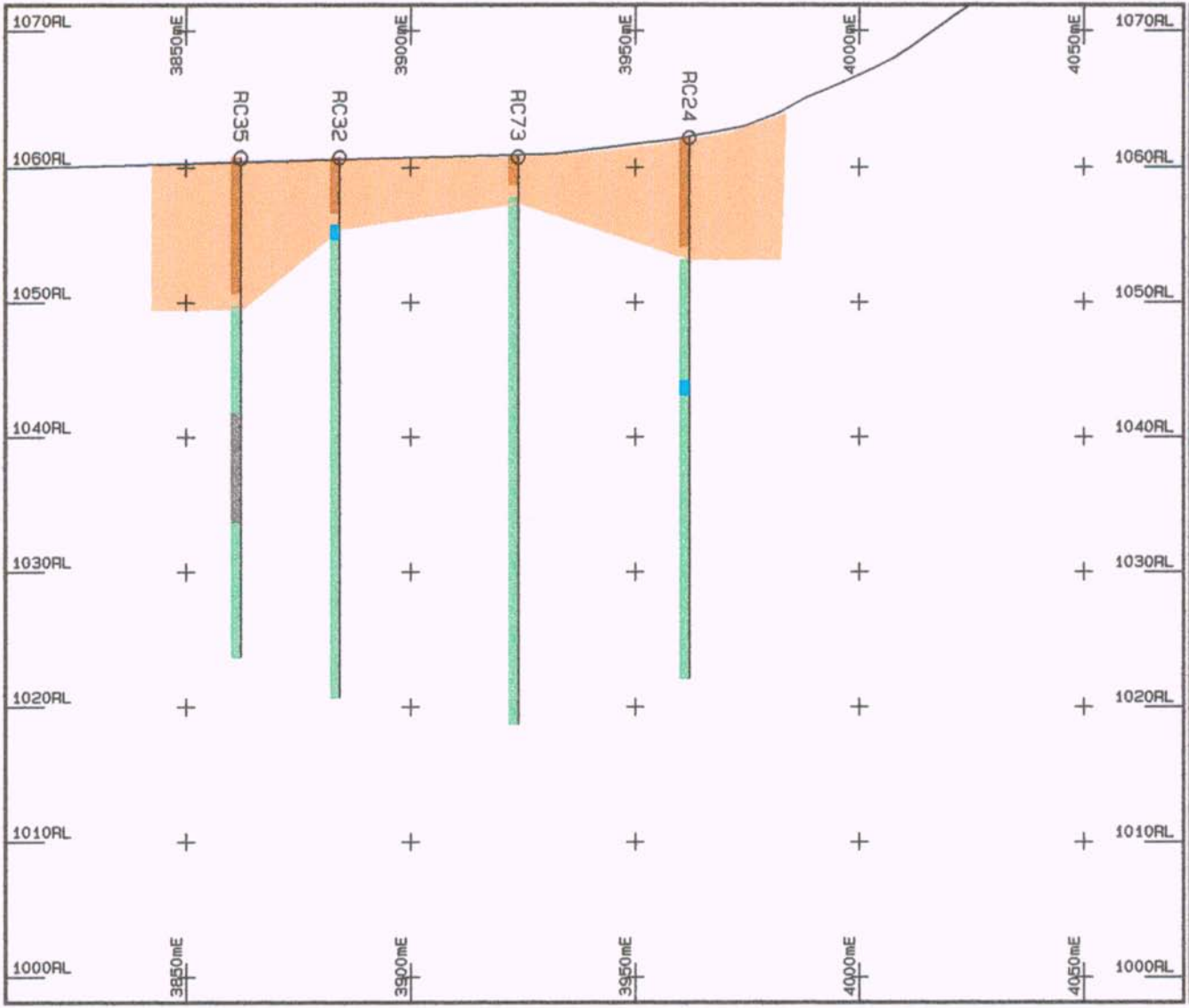
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec1995



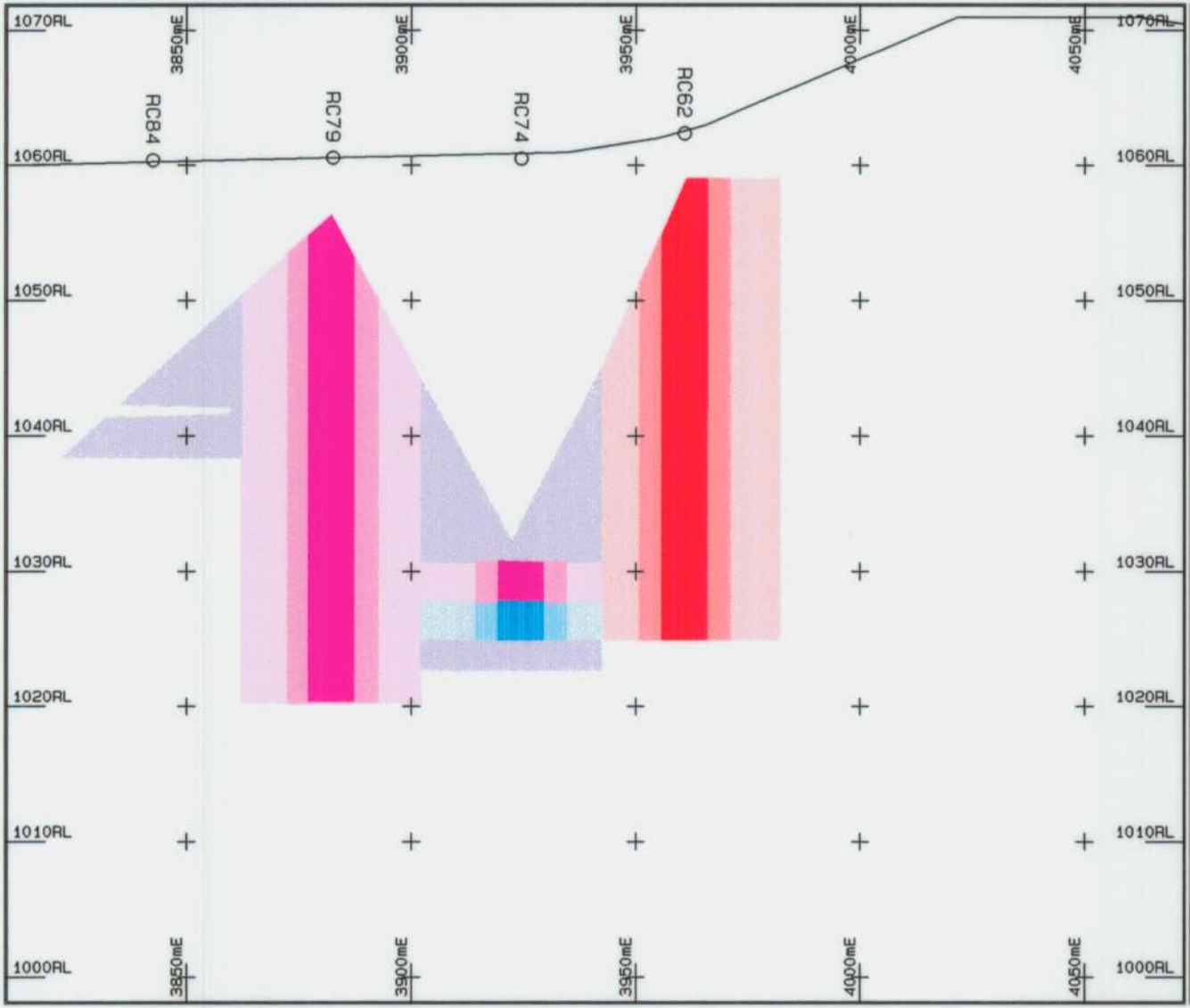
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1:1500	DATE 13/01/97	SHEET 14 of 20
YSCALE 1:500	REF No.	FILE D:\sec199.PL

SECTION 1995mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

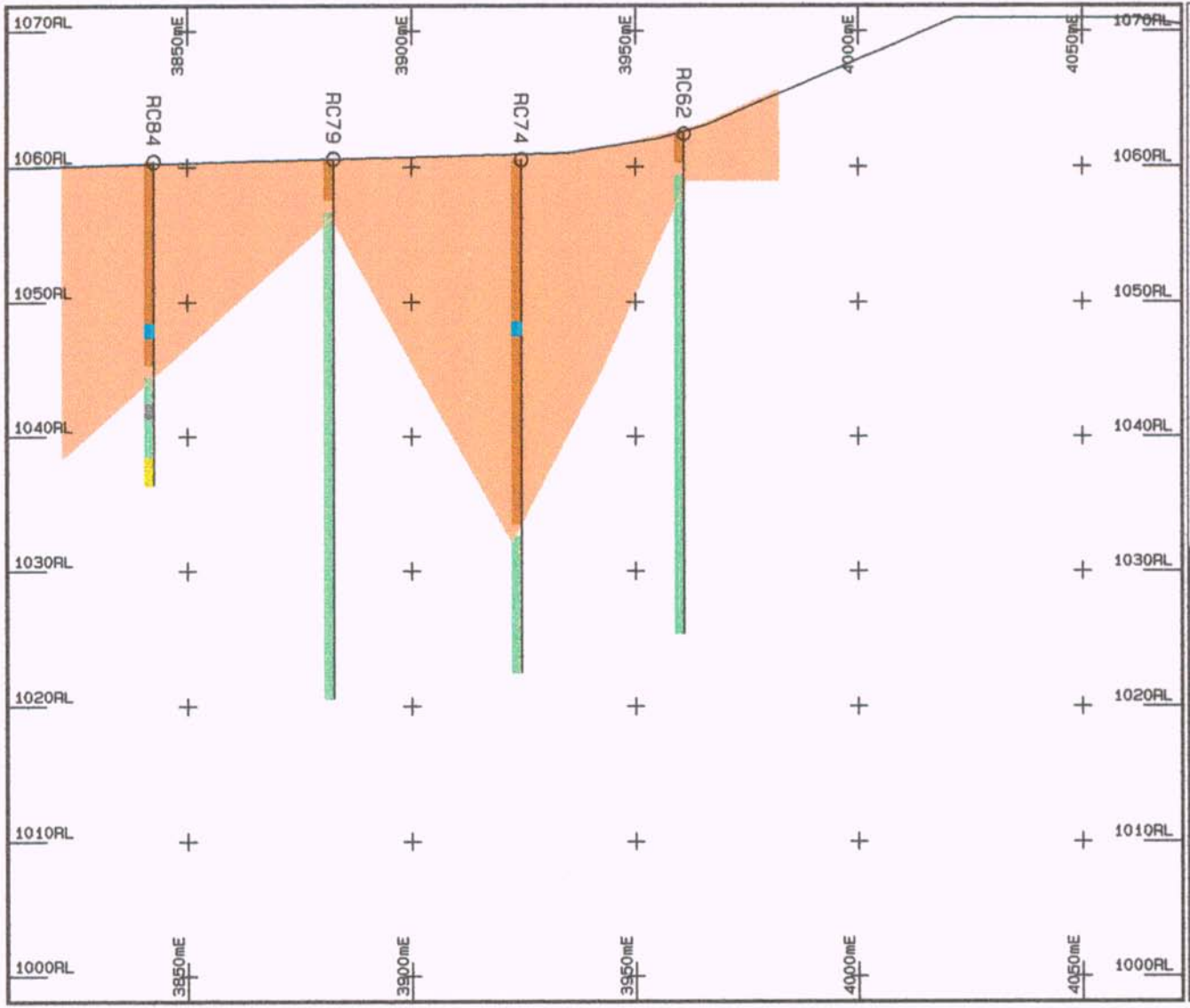
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec2035



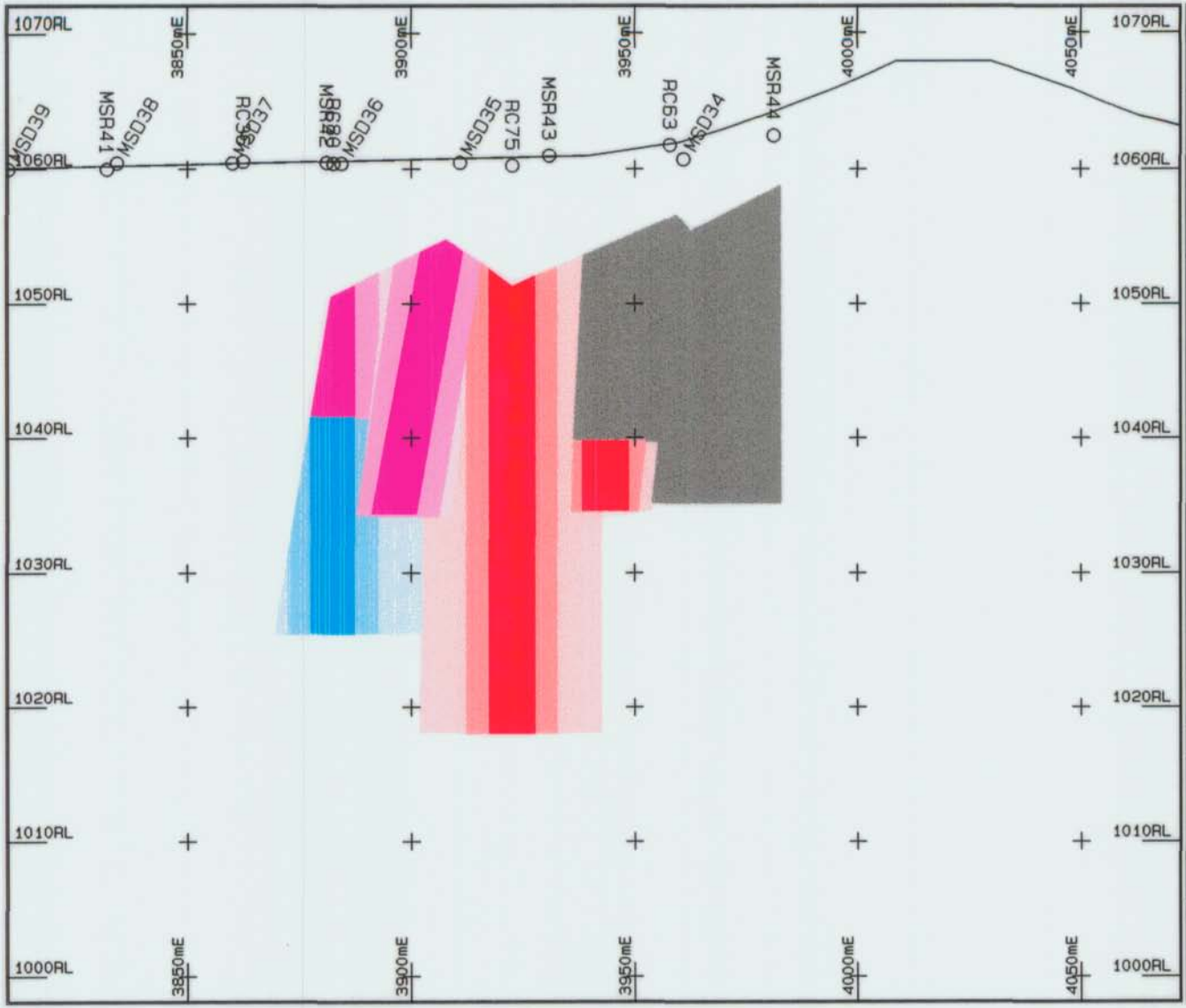
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 15 of 20
YSCALE 1: 500	REF No.	FILE D:\sec203.PL

SECTION 2035mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

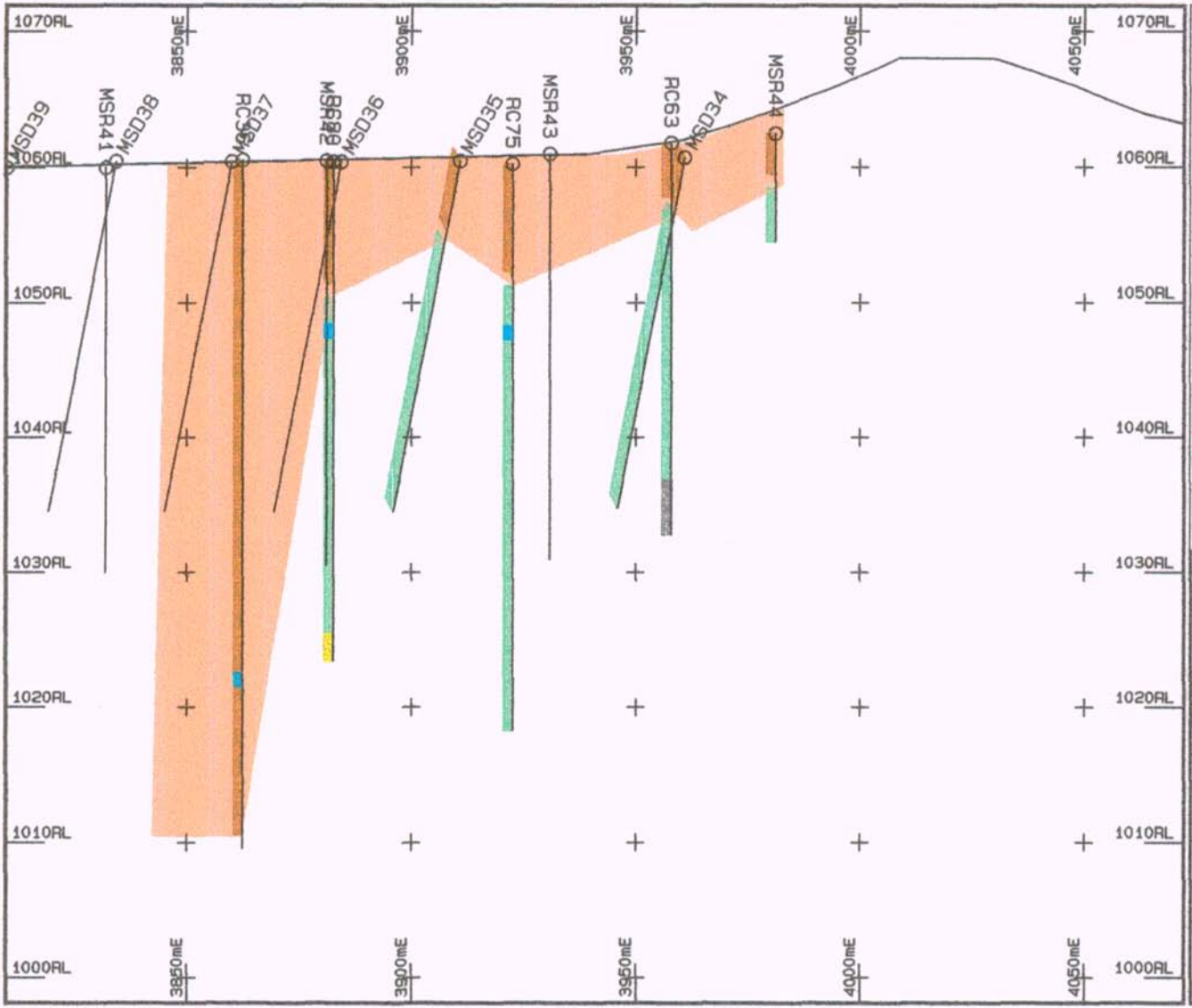
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec2075



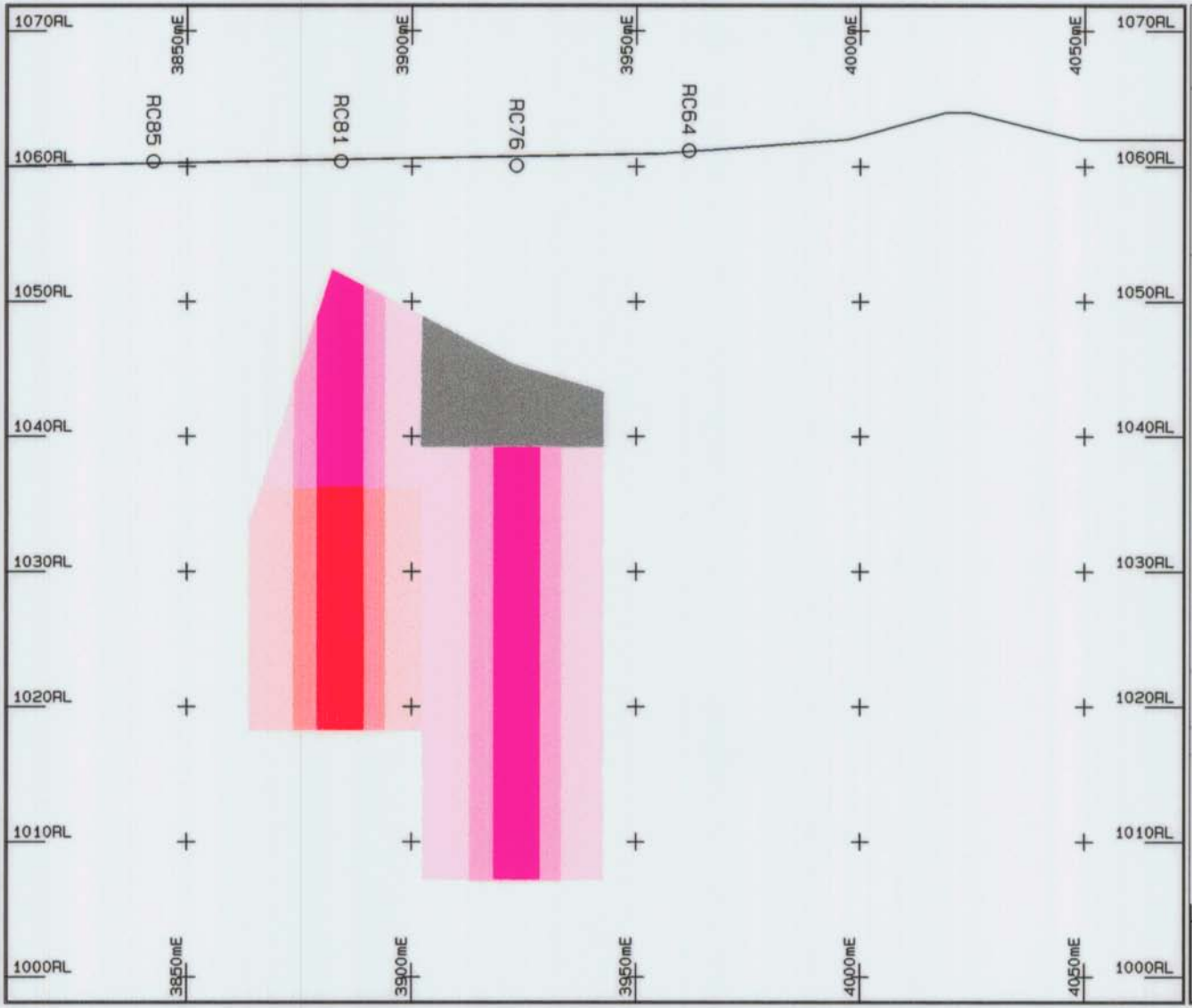
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 15 of 20
YSCALE 1: 500	REF No.	FILE Dmsec207.Pl

SECTION 2075mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

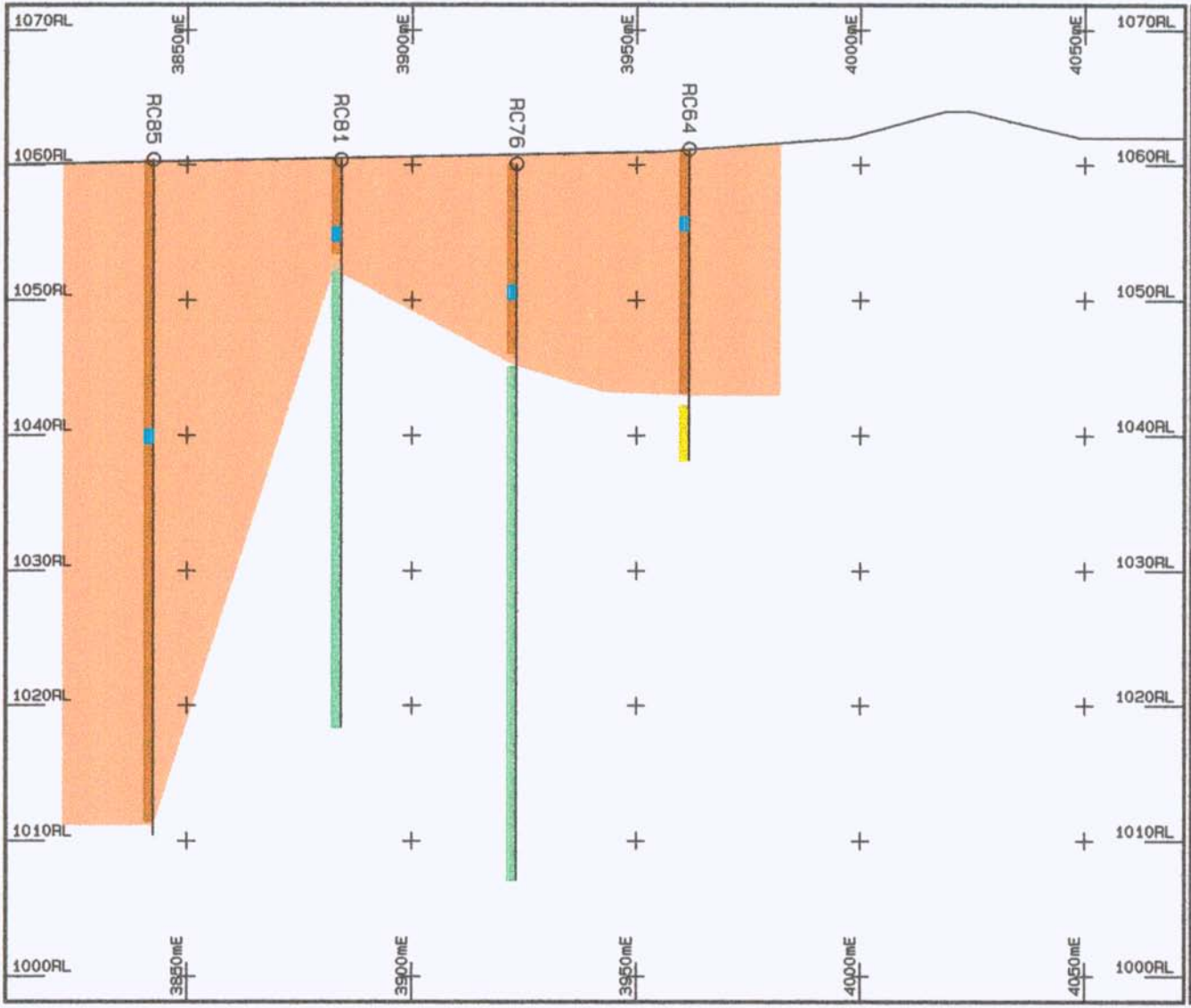
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec2115



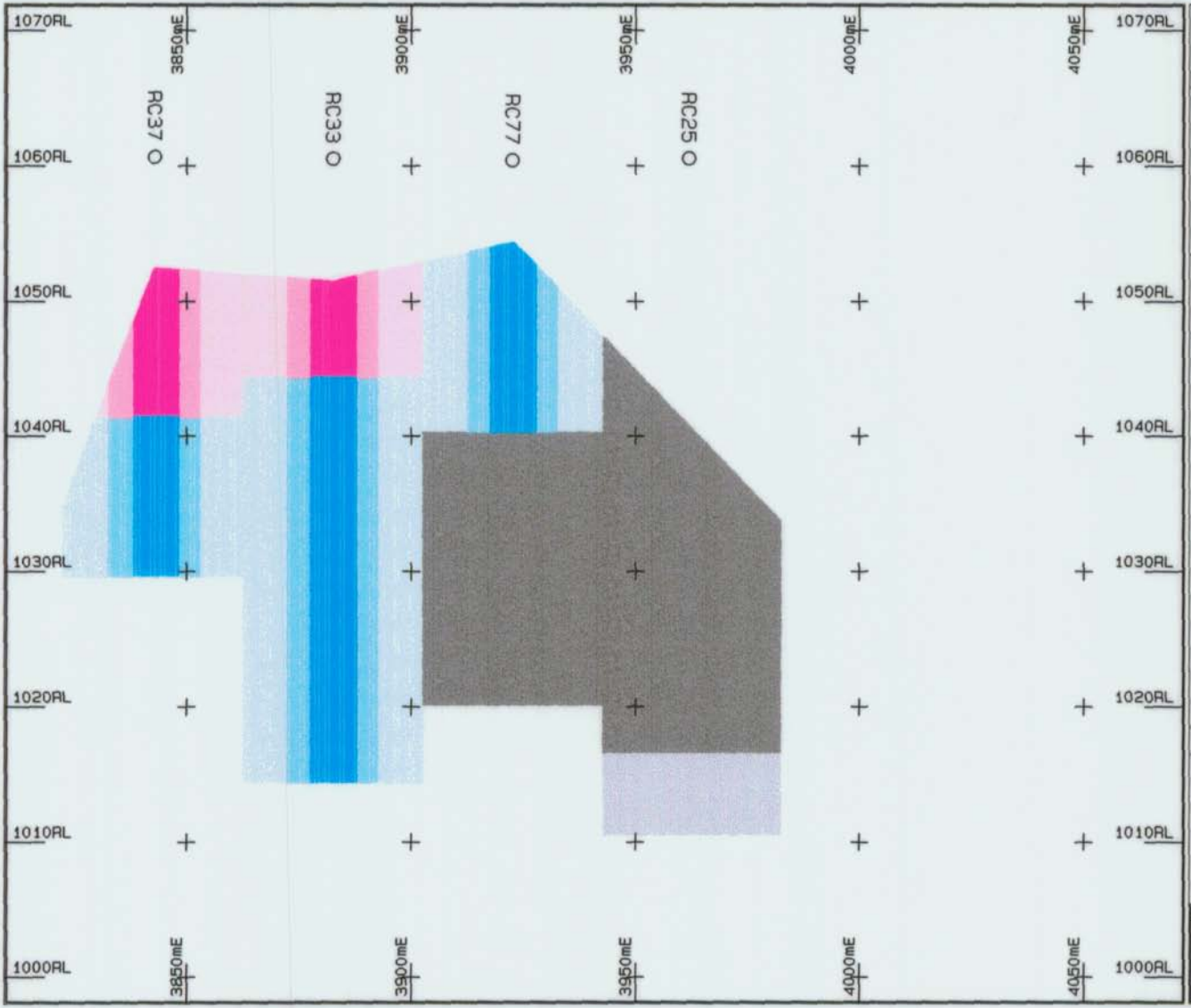
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 17 of 20
YSCALE 1: 500	REF No.	FILE Dmsec211.PL

SECTION 2115mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

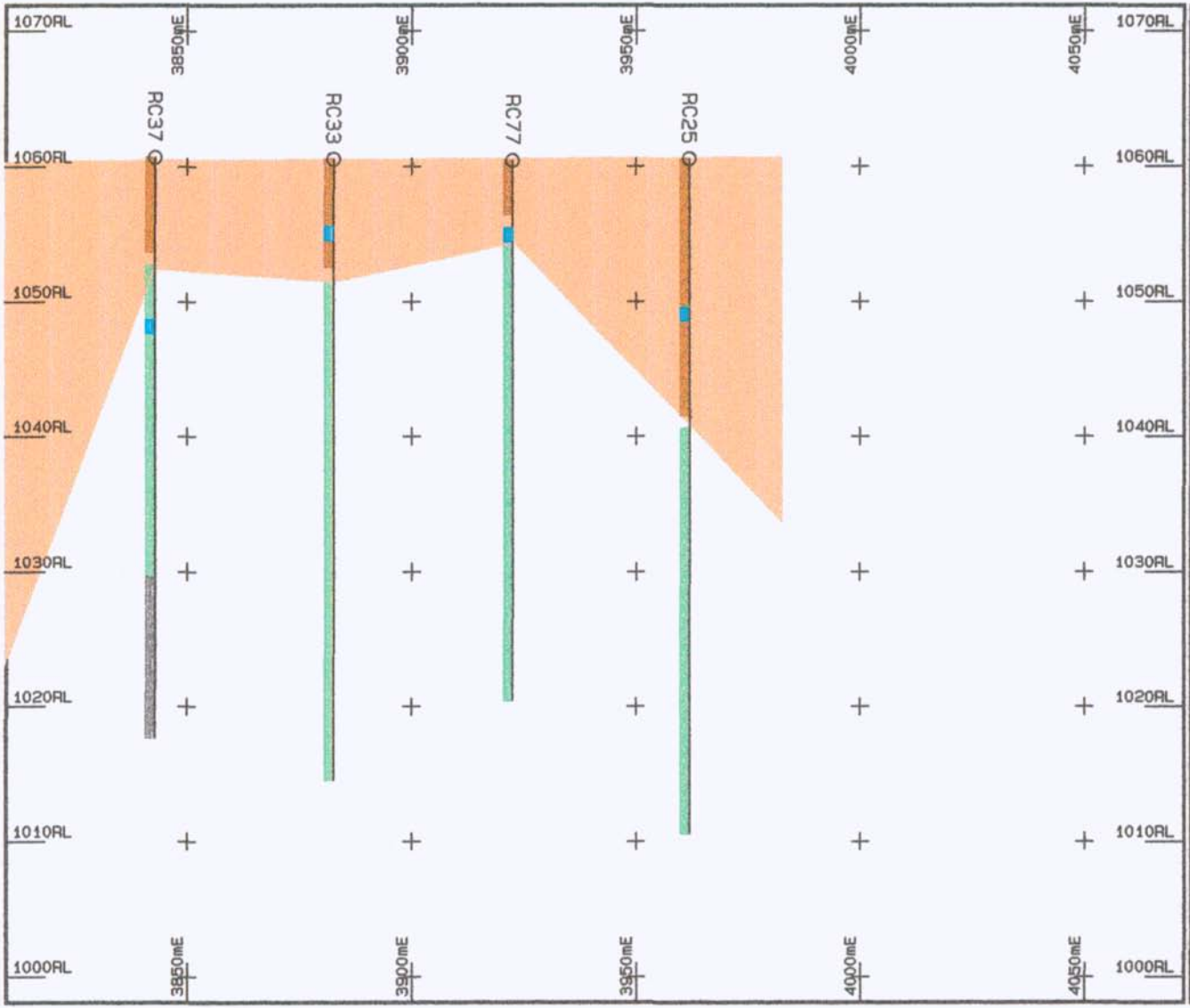
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec2155



LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1:1500	DATE 13/01/97	SHEET 18 of 20
YSCALE 1:500	REF No.	FILE Dmsec215.PL

SECTION 2155mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA

LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

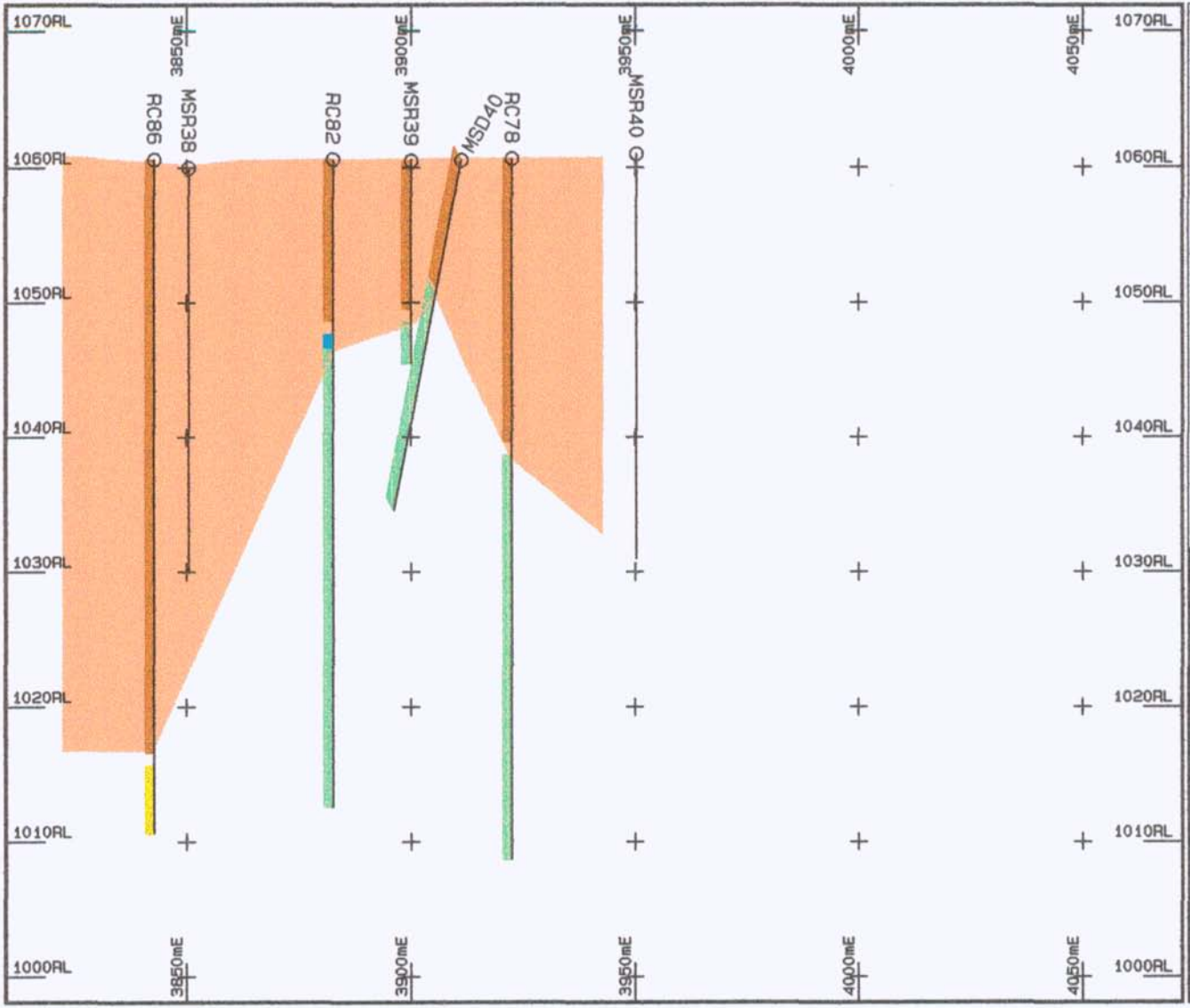
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec2195



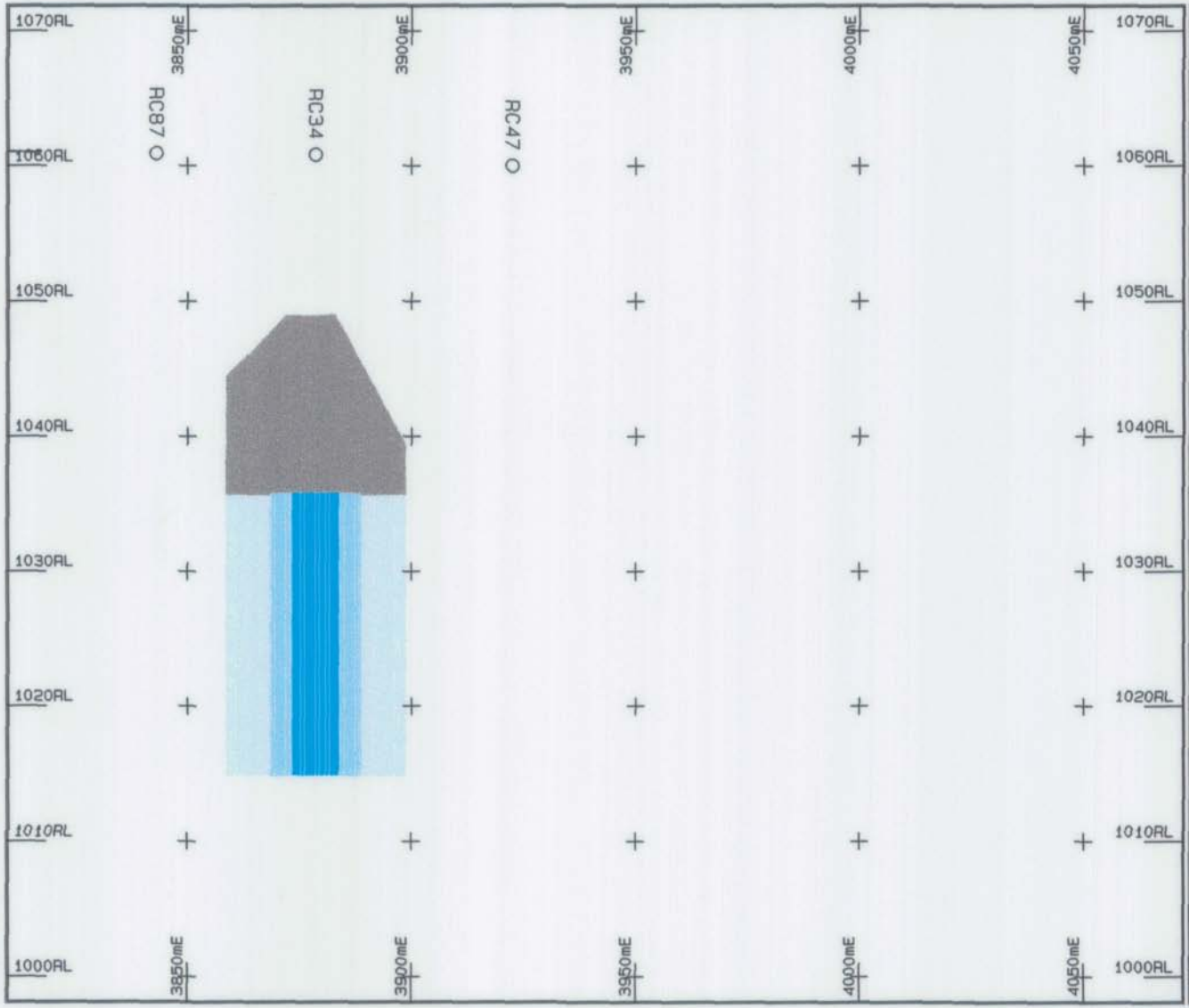
LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1: 1500	DATE 13/01/97	SHEET 19 of 20
YSCALE 1: 500	REF No.	FILE D@sec219.PL

SECTION 2195mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA



LEGEND

GRADE 2
- measured
- indicated
- inferred

GRADE 3
- measured
- indicated
- inferred

GRADE 5
- measured
- indicated
- inferred

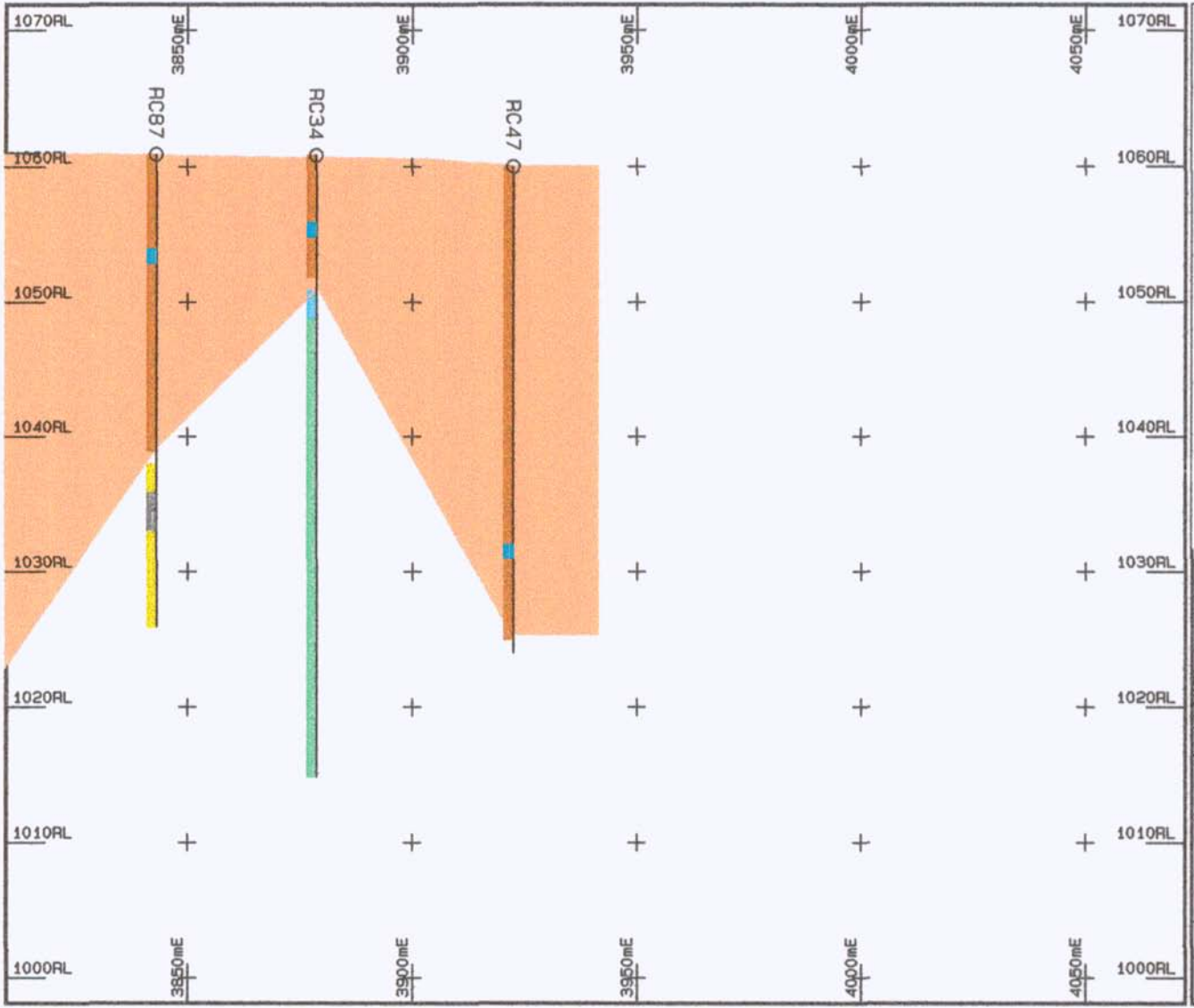
GRADE 6
- measured
- indicated
- inferred

GRADE 7

GRADE 8

GRADE 1
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 2.6%
GRADE 2
Mg > 26.0%
Fe =< 3300ppm
Acid Insoluble < 4.0%
GRADE 3
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 4.0%
GRADE 4
Mg > 26.0%
Fe < 3300ppm
Acid Insoluble < 5.5%
GRADE 5
Mg > 26.0%
Fe =< 5500ppm
Acid Insoluble < 5.5%
GRADE 6
Mg > 26.0%
GRADE 7
Magnesite - No Data
GRADE 8
Mg < 26.0% - Waste

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA
sec2235



LITHOLOGY

- Overburden
- Magnesite
- Skeletal Magnesite
- Dolomite
- Cavity \ No sample
- Water cut

XSCALE 1:1500	DATE 13/01/97	SHEET 20 of 20
YSCALE 1:500	REF No.	FILE D#sec223.PL

SECTION 2235mN

COMMERCIAL MINERALS LTD
100 EASTERN PARADE
GILLMAN - ADELAIDE
5013 - SOUTH AUSTRALIA