

99-4309

571001

RL8718 Pt 5
12 1990 RL8717
See folio 4, B
RL8718 - See folio 4, B
RL8717 - See folio 6

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TASMANIA MAGNESITE NL

SUMMARY GEOLOGICAL REPORT

AND

DRILLING RESULTS

MINERAL RESOURCES
 - 9 APR 1999
 TASMANIA

99-4309

SUMMARY GEOLOGICAL REPORT
 AND DRILLING RESULTS-RL8717&8718
 ARTHUR RIVER

571002

REPORT
ON
DIAMOND DRILL INVESTIGATION
ARTHUR RIVER MAGNESITE DEPOSIT
TASMANIA

July - September 1997

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2/12/97

SUMMARY REPORT ON THE ARTHUR/LYONS RIVER MAGNESITE RESOURCE NORTHWESTERN TASMANIA

INTRODUCTION

Two deposits of magnesite/dolomite containing at least 180 million tonnes of medium to high grade magnesite occur in the Arthur and Lyons Rivers area of northwestern Tasmania, some 52 kilometres by road southwest of the port of Burnie (Figure 1). The magnesite deposits which were discovered in 1925, have been the subject of ongoing exploration over the past twenty five years. This work has included geological mapping, surface chip sampling, diamond drilling and metallurgical testing.

The deposits are covered by mining tenements controlled by Tasmania Magnesite NL (Tasmag) under purchase option from the tenement holders Mineral Holdings Australia Pty Ltd. (MHA).

The two Retention Licences 8717 and 8718, each five square kilometres in area, have been granted until March 2, 2000 and apart from reporting and nominal rent requirements, have no minimal expenditure commitments.

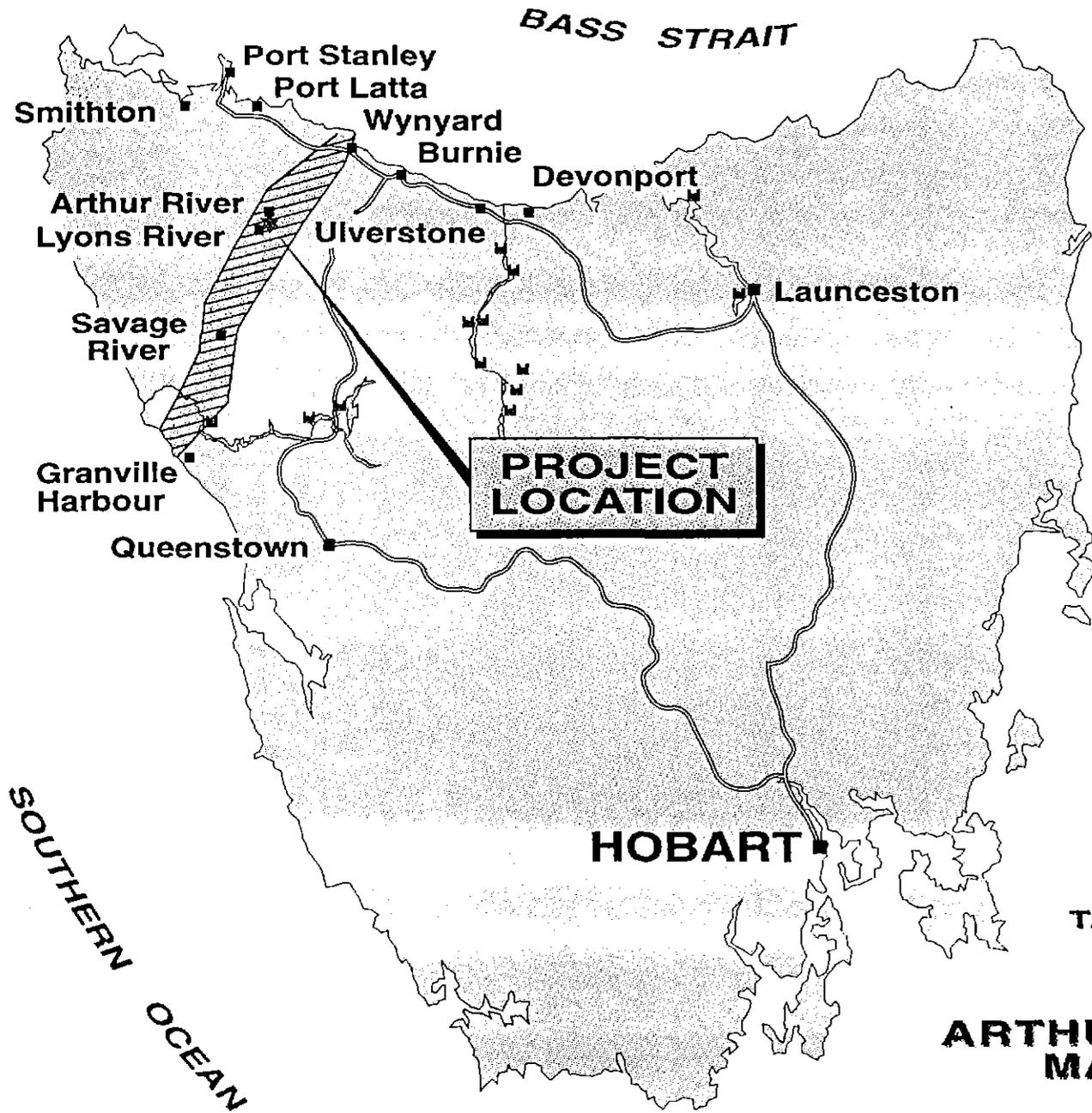
Both licences are located within State Forest with RL 8717 also being within the Savage River Heritage Act Registered Entry area. Neither of these land categories preclude mining.

PREVIOUS WORK

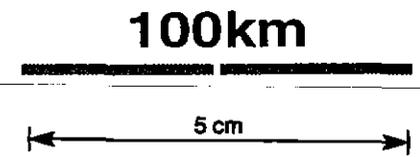
The Arthur River magnesite deposit was discovered in 1925 by P B Nye a geologist employed by the Australian Bureau of Mineral Resources.

In 1970, MHA were granted a large exploration licence (EL 43/70) covering the area and over the next three years explored the deposit in association with various joint venture partners. During the intervening period up to 1981, MHA continued surface exploration which resulted in the discovery of magnesite outcrops in the Lyons River, 3.5 kilometres along strike to the south of the Arthur River deposit.

Between 1982-1988 CRA Exploration Pty Ltd (CRAE) in a joint venture operation with MHA carried out exploration metallurgical testing and feasibility and marketing studies with the view to assessing the deposit as a source of dead burned magnesite, caustic calcined magnesite and direct shipping ore.



- Hydro- electric power station
- ▨ Arthur Metamorphic Complex

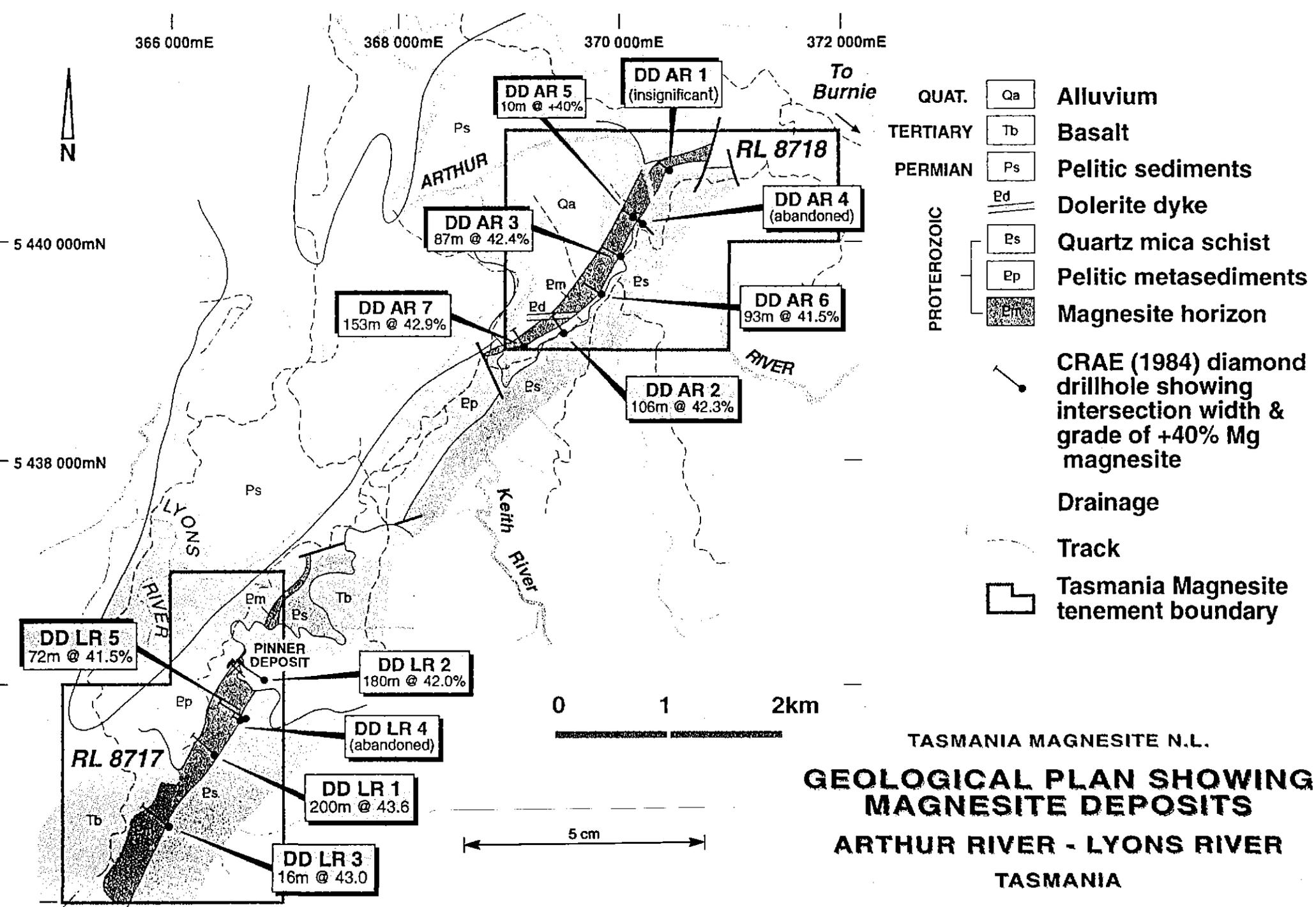


TASMANIA MAGNESITE N.L.
LOCALITY PLAN
ARTHUR RIVER - LYONS RIVER
MAGNESITE DEPOSITS
 TASMANIA

571004

Fig. 1

FIGURE 1



571005

Fig. 2

Geology and Mineralogy

The Arthur and Lyons River magnesite deposits are within a southwesterly trending linear belt of regionally metamorphosed and relatively highly deformed rocks of the Proterozoic Arthur Metamorphic Complex (Figure 1). The complex is about 12 kilometres wide and extends southwesterly from Wynyard on the north coast to just north of Granville Harbour on the west coast. The Savage River iron ore deposit occurs within the Arthur Metamorphic Complex, some 35 kilometres south of the magnesite deposits in rocks that are thought to be correlatives.

The magnesite deposits occur in two northerly striking dolomite lenses, each about three kilometres long (Figure 2). Outcrop is scarce and is mostly found in river banks and beds or as isolated patches on the sides of valleys. Between the Arthur and Keith Rivers, the Arthur River deposit is covered by as much as 20 metres of poorly sorted, unconsolidated alluvium.

The magnesite is in contact to the east (hanging wall) with quartz schists and quartz mica schists of the Keith Schists and to the west (footwall) with amphibolite and pelitic metasediments. The sparse outcrop limits structural observation, however drilling data suggests the magnesite dips between vertical to very steep to the southeast. To the north and northwest of the deposits the Proterozoic sequence is overlain by Permian sediments. Tertiary basalt overlies the northern end of the Lyons River deposit.

The two carbonate lenses containing the magnesite are up to 400 metres wide and drilling evidence indicates that the magnesite zone persists to at least 290 metres vertical depth and with no indications of weakening.

The fresh magnesite is generally cream to light cream in colour which contrasts clearly with the grey host dolomite. The magnesite is cryptocrystalline and varies from massive to brecciated.

The mineralogy of the carbonate is fairly simple with the magnesite occurring as ultrafine (less than 5 microns) crystalline rock with minor traces of quartz, pyrite, tourmaline, goethite and talc. The dolomite is similarly very fine grained.

The composition of the +40% MgO magnesite with respect to other oxides is quite variable with typical grades being:

CaO	1.5% - 3.0%
SiO ₂	3.0% - 12.0%
Fe ₂ O ₃	0.5% - 2.0%
Al ₂ O ₃	0.05% - 0.07%
B ₂ O ₃	less than 0.05%
MnO and Na ₂ O	less than 0.10%
SO ₃ , K ₂ O, TiO ₂	---
P ₂ O ₅ , PbO, ZnO	---
CuO, NiO & BaO	less than 0.01%

Magnesite Resources

Various estimates have been made by others as follows:-

- Lyons River - 100 million tonnes of +40% MgO magnesite
- Arthur River - 80 million tonnes of +40% MgO magnesite

Note: A 100% pure magnesium carbonate (magnesite) has an MgO level of 47.8%.

Whereas there is only limited drilling data, the three dimensional continuity of the resources is considered sufficiently established from the 1997 drilling and surface geology at least at the Arthur River deposit to allow a 29 million tonne resource grading 42.8% MgO and 5.3% SiO₂ to be classified as Indicated.

Recent Work

On July 10th 1997, a combined check and exploratory diamond drilling programme was commenced on Retention Licence 8718, Arthur River. The programme comprising seven holes, AR2 (Check), AR7 (Check), AR8, AR9, AR10, AR11 and AR12, totalling 1254.3 metres was completed on September 2nd, 1997. (Figure 3)

The check drilling confirmed the previous results obtained from AR2 and AR7, whilst the additional holes AR8, 9 and 10 confirmed resource continuity and grade along strike and down dip.

The 1997 exploration, which was confined to an area of some 600 metres x 200 metres and to a depth of about 150 metres has confirmed the presence of an Indicated (Magnesite) Resource, totalling about 29 million tonnes at an average grade of 42.8% MgO and 5.3% SiO₂ and with a very low percentage of other impurities. (Figure 3)

An additional 1500-2000 metres of drilling is planned which is believed will allow this resource to be upgraded to Measured status in accordance with The Aus. IMM guidelines.

At the planned mining rate of 300,000 tpa to produce 60,000 tpa of magnesium metal the small area tested would allow a mine life of about 100 years.

Mining by conventional open-pit would have a very low waste to ore ratio especially following the removal of the thin (average 10m) cover of unconsolidated sandy conglomerates.

BENEFICIATION

Testwork on the 1997 core samples has not yet been completed, however, preliminary work on bulked drill core from the 1984 drilling indicated that a significant increase in magnesium accompanied by a reduction in silica levels can be achieved by single stage flotation.

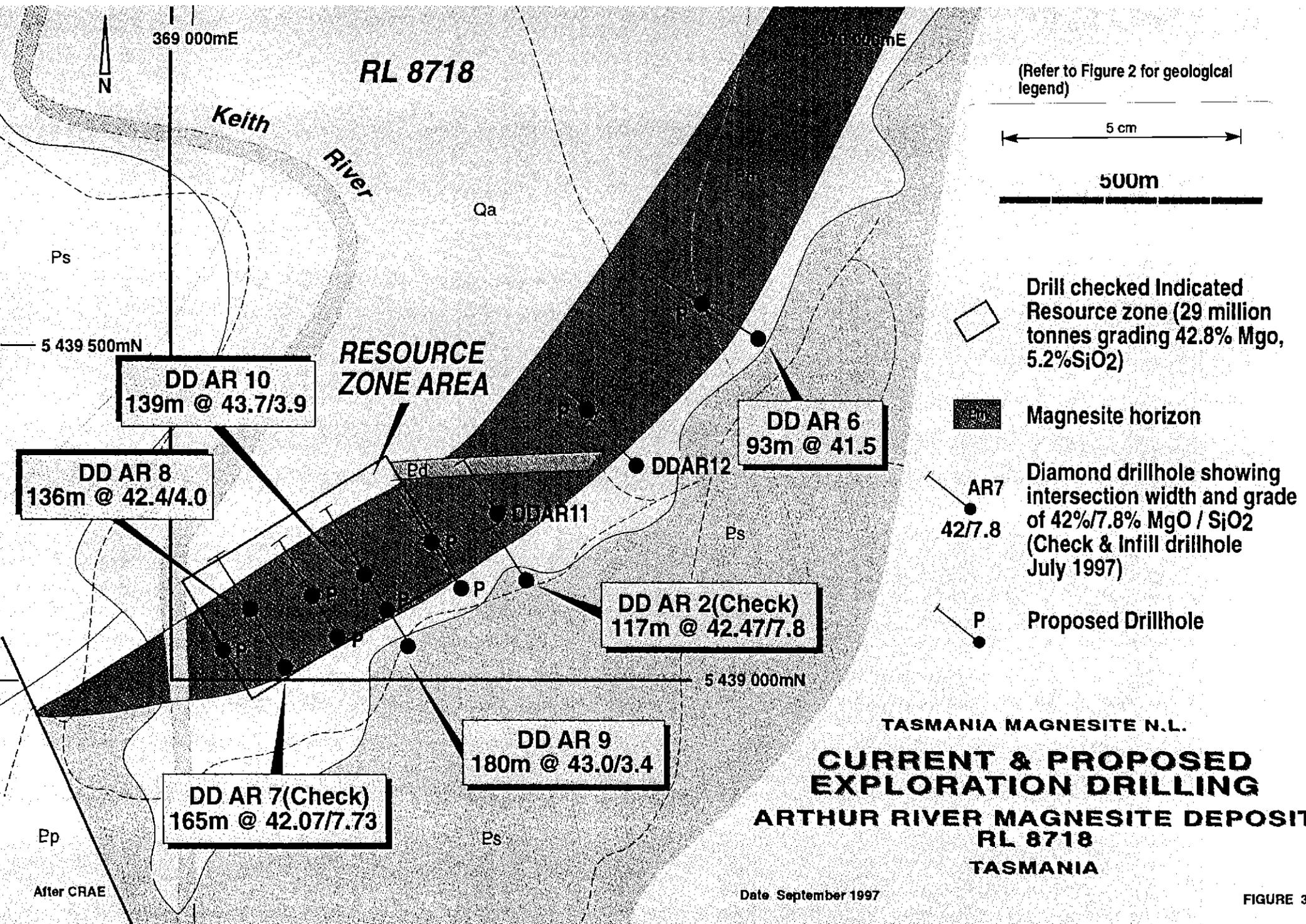
A composite sample of diamond drillcore assaying:

MgO	41.90%
SiO ₂	9.21%
Fe ₂ O ₃	0.61%
CaO	2.39%
LOI	45.1%

provided the following main conclusions:

- Mineralogical examination of the test sample showed that the silica was mostly coarse grained (0.8mm) with some talc;
- Removal of silica by a single pre float was very efficient (98% silica rejection) and that the flotation tail (magnesite concentrate) was significantly upgraded to 45% MgO and 0.2% SiO₂.

These preliminary tests indicate that the 29 million tonnes Indicated Resource, delineated from the 1997 diamond drilling programme, having an average grade of 42.8% MgO and 5.2% SiO₂ can be further upgraded to provide a resource significantly higher in grade to most feedstock currently used for the production of magnesium metal.



TASMANIA MAGNESITE N.L.

CURRENT & PROPOSED EXPLORATION DRILLING

ARTHUR RIVER MAGNESITE DEPOSIT

RL 8718

TASMANIA

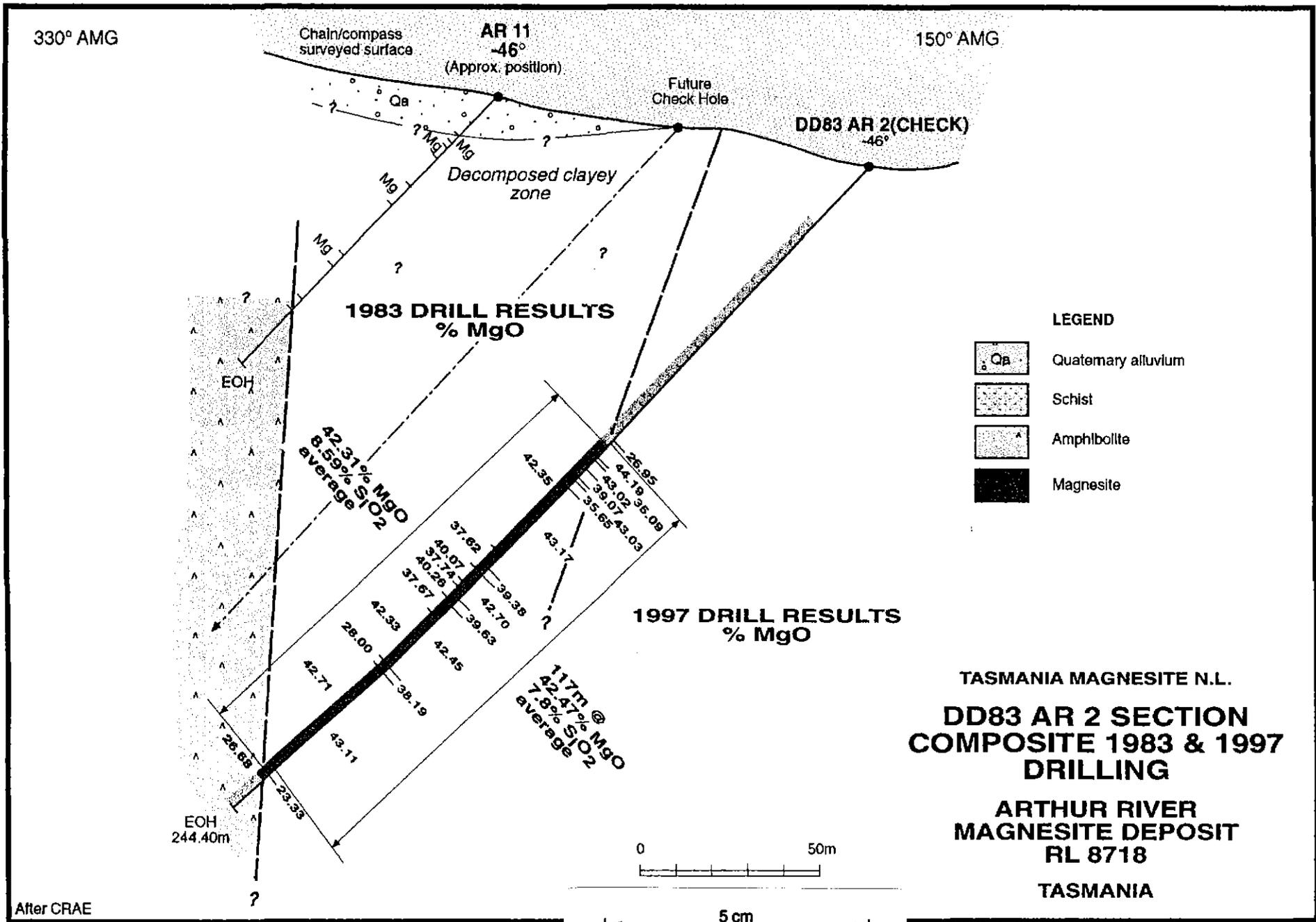
Date September 1997

FIGURE 3

571010

Fig. 3

After CRAE



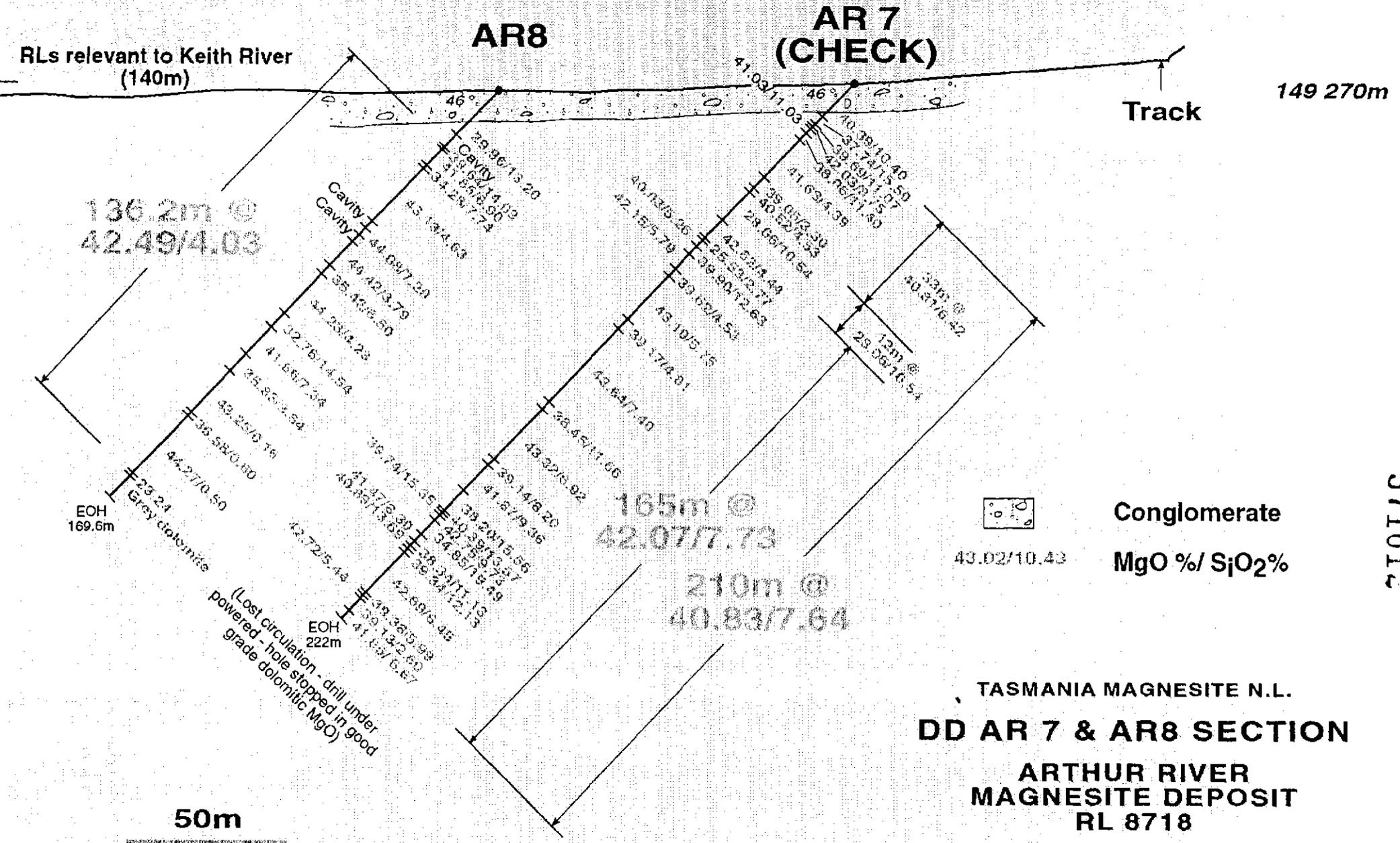
571011

Fig-5

After CRAE

Merrison Associates (+618) 93218598

FIGURE



571012

Fig. 5

TASMANIA MAGNESITE N.L.
DD AR 7 & AR8 SECTION
ARTHUR RIVER
MAGNESITE DEPOSIT
RL 8718
TASMANIA

January 1998

FIGURE 5

DRILLING RESULTS

AR2 (Check)

This hole, which was drilled to a depth of 233.5 metres, checked the results of CRAE hole AR2. There was a close correlation between the average MgO and SiO₂ contents in the two holes. (Figure 4)

Diamond drill hole AR2 (Check) intersected a total of 117 metres of magnesite averaging 42.47% MgO and 7.8% SiO₂ which compares favourably with AR2 42.31% MgO and 8.59% SiO₂.

AR7 (Check)

Diamond drillhole AR7 (Check) which was positioned adjacent to AR7 was drilled to a depth of 222 metres. Apart from a difference in the number and size of recorded cavities the results from core analyses are almost identical with AR7 recording 42.9% MgO, 7.2% SiO₂ and AR7 (Check) recording 42.07% MgO, 7.73% SiO₂ over the same 165 metre drill interval. The total resource interval intersected in drillhole AR7 (Check), including a 12 metre wide lower grade zone, was 210 metres averaging 40.83% MgO and 7.64% SiO₂. (Figure 5)

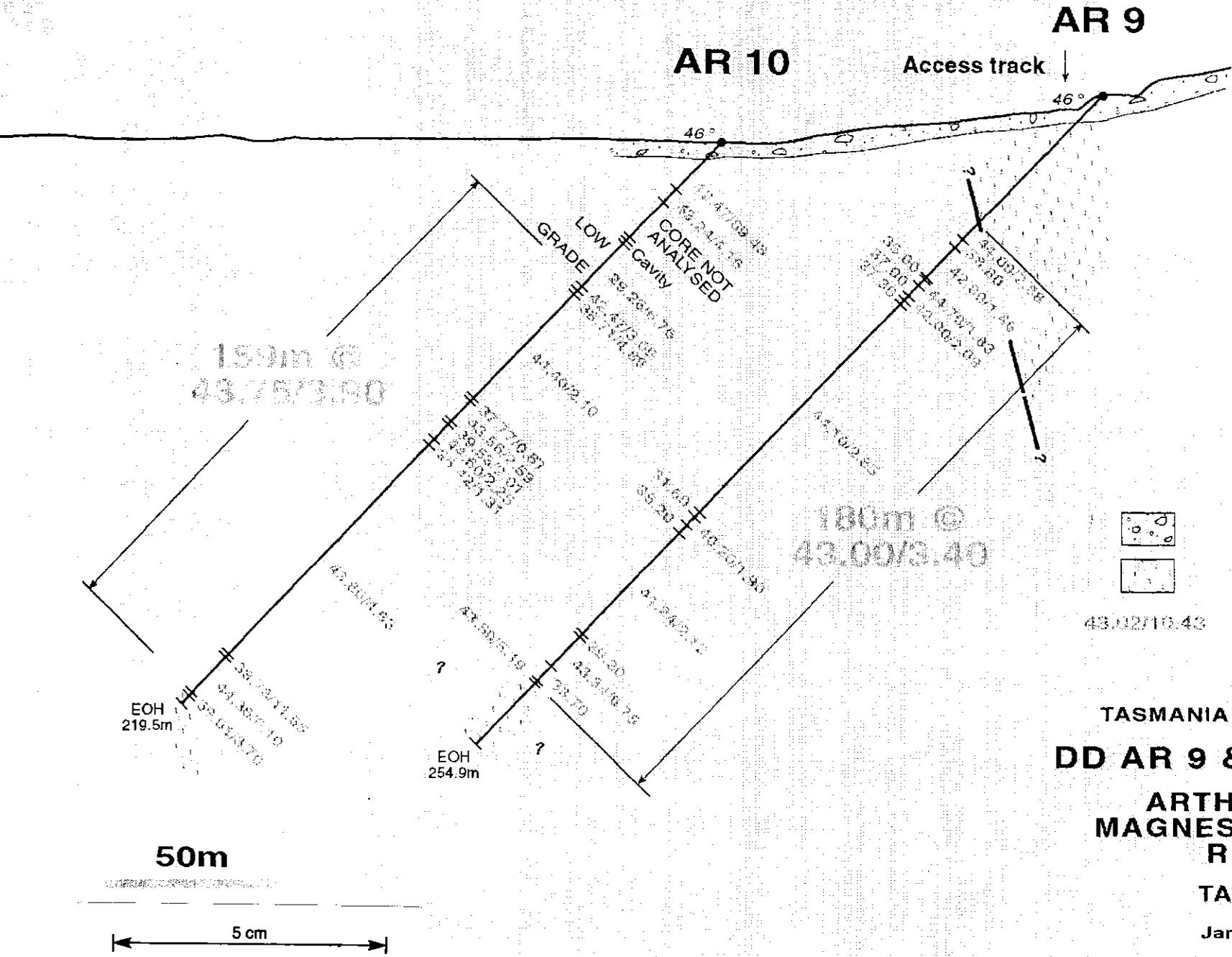
DDH AR7 (Check) intersected mainly solid, hard, white and iron-stained magnesite (with clayey zones) occurring between 66 metres - 169 metres drill depth. The hole was terminated at 222 metres in magnesite grading 41.85% MgO 6.67% SiO₂, when problems were encountered with the drilling.

AR8

Drillhole AR8 was drilled 109 metres northwest of AR7 (Check) to confirm the width of the resource zone, its up-dip continuity and grade. The hole was drilled to a depth of 169.6 metres and apart from minor cavities and decomposed iron stained and clayey zones in the upper 66 metres, it intersected hard, white magnesite to a depth of 159.2 metres where dark grey dolomitic rock was encountered. (Figure 5)

The average grade of the magnesite intersected between 22.80 metres - 159 metres, totalling 136.2 metres was 42.49% MgO, 4.03% SiO₂.

These results both confirmed the upward continuity of the magnesite resource and extended the resource width estimated from past drilling by an additional 20 metres.



 Conglomerate
 Schist
 43.02/10.43 MgO %/ SiO₂%

TASMANIA MAGNESITE N.L.
DD AR 9 & 10 SECTION
ARTHUR RIVER
MAGNESITE DEPOSIT
RL 8718
 TASMANIA

January 1998

FIGURE 6

571014

Fig. 7

AR9

Diamond drillhole AR9 was drilled to a depth of 254.9 metres from a site positioned halfway between holes AR2 and AR7 and served as a check on the strike continuity and grade of the magnesite resource zone. (Figure 6)

The hole encountered about 180 metres of hard, mainly white magnesite between 51 metres - 230.80 metres drill depth. This 180m zone averaged 43.0% MgO, 3.4% SiO₂.

AR10

Diamond drillhole AR10, drilled to a depth of 219.5 metres, was positioned about 110 metres northwest of AR9 to check on the width, upward continuity and strike extension of the magnesite resource zone encountered in drillholes AR2 (Check) and AR7 (Check). (Figure 6)

The drillhole intersected 159 metres of hard, white magnesite averaging 43.75% MgO and 3.9% SiO₂. The drilling results confirmed the continuity of the resource and extended the previously inferred boundary by possibly an additional 120 metres to the northwest.

AR11

This hole was located approximately 100 metres northwest of AR2 (Check) to investigate the presence of a reported intrusive mafic dyke. Only clays and highly decomposed ferruginous (gabbro?) were encountered, and the hole was discontinued at a drill depth of 99 metres. (Figure 4)

METALLURGY

A following review of potential magnesium metal production routes prepared by Consultants Process Technologies Australia Pty Ltd (CPT) using the Arthur/Lyons River magnesite as feedstock indicates that electrowinning from a fused magnesium chloride electrolyte using Alcan International's multipolar technology is highly competitive in terms of both capital and operating costs. This conclusion has been independently confirmed by Charles River Associates of the U.S.

Once the magnesite ore has been mined and crushed/ground to the appropriate size, the processing flowsheet consists of the following major unit stages:

- Beneficiation by physical means, including flotation.
- Leaching with hydrochloric acid.
- Neutralisation to remove the bulk of the soluble impurities.
- Final purification to remove the remaining impurities to levels below 10 ppm.
- Crystallisation of hydrated magnesium chloride.
- Dehydration of the hydrated chloride to the anhydrous state.
- Fused salt electrowinning of magnesium metal.

Each of these process steps has been reviewed in detail, considering both metallurgical and engineering factors. Where several ways of achieving the same end result are possible, each option has been evaluated and appropriate testwork programmes developed to confirm that the most appropriate option is selected for more detailed testing during the proposed continuous pilot plant trials.

With the exception of the final electrowinning step, each of the unit tests has been subjected to preliminary laboratory-scale testwork programmes using magnesite samples from several drill holes. Although testwork conditions have not been optimised, the data obtained to date are very encouraging. For example, most of the samples tested did not require extensive beneficiation in order for the various magnesium-containing intermediate products to meet or exceed process specifications. Where beneficiation was necessary, recoveries into the feed were very high while the magnesite specifications were equal to or better than those of magnesites currently being treated in commercial magnesium metal operations. The raw and beneficiated magnesite samples were found to be of high reactivity while neutralisation studies indicated the ready removal of the bulk of the soluble impurities. After further purification, analysis of the hydrated magnesium chloride samples showed that the major impurities of concern (nickel, iron) were in many cases below detection limit.

All of the data collected to date confirm that the Arthur River magnesite is of a very high quality and that no unexpected or unacceptable results have been obtained. Moreover, the data indicate that the proposed pilot plant trials will confirm the suitability of the feed for production of magnesium metal.

CONCLUSIONS

A preliminary check and exploratory diamond drilling programme was carried out in the Arthur River area, Tasmania, over the period July - September 1997. A total of 1254.3 metres of drilling was completed in seven diamond drillholes.

The results of this drilling confirmed the presence of an Indicated Resource at Arthur River totalling approximately 29 million tonnes and having an average grade of 42.8% MgO and 5.2% SiO₂.

The Indicated Resource, so far delineated is located within a zone some 350 metres long by 200 metres wide and to a vertical depth of 150 metres. This resource forms only a small part of a much larger magnesite zone identified during exploration carried out in 1984. Estimates by earlier workers indicate a resource tonnage is present in the vicinity of the Lyons and Arthur Rivers which totals some 180 million tonnes of +40% Magnesite.

Preliminary beneficiation testing of bulked drill core samples from this and the Lyons River magnesite resource indicates that by simple, single stage flotation up to 98% of the coarser silica fraction can be recovered resulting in a significant increase in magnesium oxide content.

From the exploratory drilling completed to date the resource currently identified in the Arthur River area far exceeds the tonnage required to sustain an operation having an initial mining rate of 300,000 tonnes per annum to produce 60,000 tonnes of magnesium metal and when necessary allows planned expansion of this production figure.

This report has been prepared by John D Wyatt who is a qualified geologist and a Fellow of The Aus. IMM who has had 44 years experience in mineral prospect exploration and evaluation and more than 10 years in Mineral Asset valuation.

.....
J D Wyatt BA., M.Sc., F.Aus. IMM
Principal
Geological Investigations Pty Ltd

Table 1

CHECK ANALYSES 1997 DOLLINA

571018

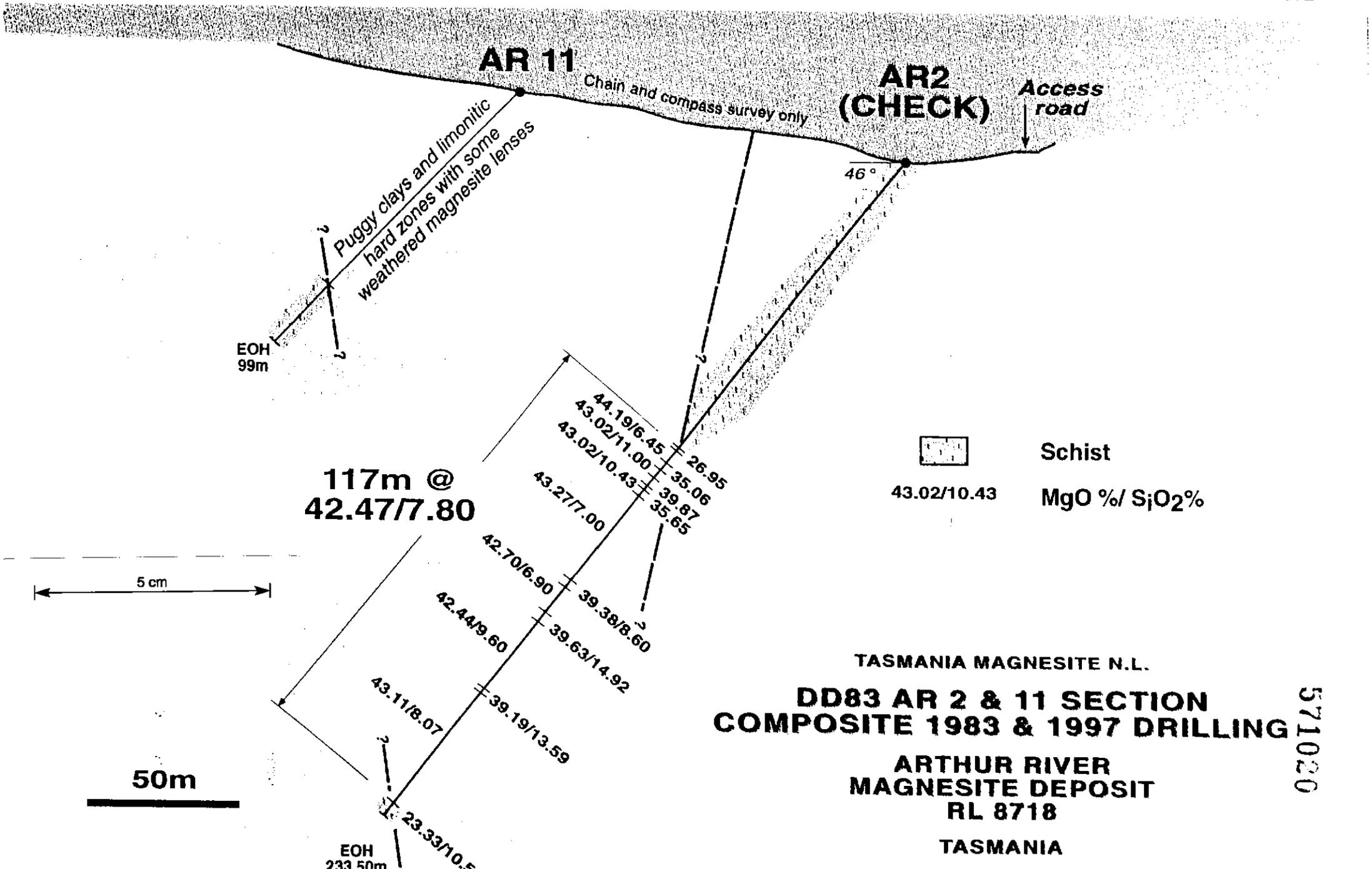
ANALYTICAL REPORT

SAMPLE	CaO %		Fe2O3 %		MgO %		SiO2 %	
	ANALABS	AMDEL	ANALABS	AMDEL	ANALABS	AMDEL	ANALABS	AMDEL
AR7								
RUN 15	2.65	2.62	0.90	0.93	40.59	42.50	5.21	5.07
RUN 30	3.08	3.00	0.83	0.85	40.95	40.50	9.05	8.88
RUN 45	0.54	0.46	2.36	2.30	43.50	43.50	6.53	5.43
RUN 60	0.42	0.43	1.41	1.41	43.66	43.70	5.83	5.11
RUN 75	0.26	0.27	0.64	0.64	41.92	40.80	10.86	11.30
RUN 90	0.27	0.30	1.67	1.69	42.28	42.30	8.08	7.50
RUN 105	1.00	1.04	0.73	0.77	42.05	42.50	9.65	9.16
RUN 120	0.22	0.24	1.51	1.54	40.90	40.60	11.72	11.20
AR8								
RUN 45	3.22	3.22	0.73	0.77	43.35	43.20	3.18	3.13
RUN 60	3.35	3.26	0.85	0.91	43.26	43.30	3.74	3.73
RUN 75	6.20	6.12	0.54	0.58	42.24	42.00	0.11	0.21
RUN 90	3.89	3.73	0.51	0.54	44.32	43.70	<0.05	0.12
AR2								
RUN 15	1.77	1.57	0.89	0.86	43.86	39.70	5.22	4.78
RUN 30	1.61	1.58	0.97	1.03	43.74	43.20	5.65	5.46
RUN 45	0.61	0.61	0.42	0.48	45.00	44.10	4.77	4.81
RUN 60	1.47	1.45	0.14	0.17	42.80	41.90	8.69	8.25
AR9								
RUN 15	1.71	1.72	0.26	0.33	44.46	45.10	1.72	1.84
RUN 30	1.92	1.87	0.47	0.54	44.49	44.40	2.73	2.64
RUN 45	1.88	1.83	0.21	0.24	44.81	44.50	3.25	3.17
RUN 60	2.75	2.77	0.48	0.52	43.52	43.10	5.43	5.45
RUN 75	15.88	15.00	0.9	0.92	33.17	32.90	4.33	4.29
RUN 90	1.01	1.02	0.20	0.24	45.37	45.10	2.34	2.32
RUN 105	1.73	1.68	0.36	0.42	45.10	43.90	3.19	3.34
AR10								
RUN 45	1.97	1.96	0.67	0.70	45.31	44.10	1.90	2.09
RUN 60	8.01	7.69	1.53	1.51	39.53	38.60	2.01	2.08
RUN 75	1.34	1.42	0.55	0.59	43.98	44.10	3.05	3.10
RUN 90	3.20	3.08	0.61	0.62	44.13	43.30	1.57	1.76
RUN 105	2.24	2.26	0.63	0.67	42.47	42.00	6.66	6.58
RUN 120	1.09	1.12	0.25	0.28	45.34	44.40	3.92	4.22

571019

Appx 1

DDH AR2



DRILLHOLE LOCATIONS

571021

HOLE_ID	AMG_N	AMG_E	COLLAR_RL	TOTAL_DEPTH
AR002	5439170.3	389581.6	172.5	233.5
AR003	5439728.0	369994.0	183.0	408.0
AR006	5439445.2	369812.1	174.2	382.2
AR007	5439021.3	369249.1	148.3	222.0
AR008	5439112.6	369195.2	146.0	169.6
AR009	5439102.6	369418.2	169.9	254.9
AR010	5439190.0	369360.7	154.9	219.5
AR011	5439263.1	369550.1	189.9	99.0
AR012	5439326.4	389668.6	202.2	65.0
AR013	5439145.7	369439.5	164.5	204.3
AR014	5439252.9	369382.0	156.4	124.1
AR015	5439317.5	369343.0	151.0	107.6
AR016	5439229.0	369337.4	152.9	278.6
AR017	5439270.4	369312.5	150.6	182.5
AR018	5439165.6	369318.9	151.3	244.5
AR019	5439248.8	369268.5	148.8	120.4
AR020	5439058.8	369328.0	156.0	256.0
AR021	5439157.4	369272.9	149.2	214.0
AR022A	5439132.0	369229.7	146.4	51.0
AR022B	5439132.0	369229.7	146.4	225.3
AR023	5439129.0	369232.7	146.4	207.0
AR024	5439288.1	369402.2	157.0	87.7
AR025	5439184.6	369480.7	166.5	74.6
AR026	5439162.6	369322.0	151.3	260.5
MB002	5439075.6	369035.6	143.5	25.6
MB003	5439031.4	369073.8	143.8	31.0
MB004	5439250.4	369438.6	161.4	41.0
MB005	5439514.3	369741.2	176.8	50.0
MB006	5439100.4	369426.0	170.6	51.0
MM1	5439045.0	369070.0	144.0	5.0
MM2	5439080.0	369210.0	147.0	7.0
MM3	5439300.0	369340.0	153.0	7.0
MM4	5439300.0	369350.0	150.0	6.0
MM5	5439160.0	369580.0	174.0	6.0
PB001	5439152.7	369270.5	148.9	30.0
PB002	5439159.3	369276.6	149.5	61.0

ACTIVE River Mt Bores.

AMG Co-ordinates

Co-ordinates: Azimuth: 319 Mag 330 TRUE
RL Collar: Inclination: -46

Drillers: WHAMOND / SHARP
Drill Types: LONGYEAR 38

Commenced: 10 JULY 1997
Completed: 30 JULY 97

Depth: 233.3 M
Casing Left: 53 M
Hole No: RR 2 CHECK
DPO No's:

Depth		Core Rec % (m)	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by										
From (m)	To (m)									MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI			
					Mostly	% Cryptocryst	Minerals in Sparry patches													
					Buff	White	Magnesite	sil	Dol	Mag										
					TRICONE															
101.5	102.5				Very weathered magnesian clay															
101.5	103.0	100			clay like whisp white magnesite from 102.47															
103.0	104.0	100			"															
104.1	107.2				CAVITY															
107.2	107.6	100			massive whisp white mag.															
107.6	108.1	100			"															
108.1	108.7	100			"															
108.7	109.2	100			"															
109.2	112.7				"															
112.7	114.1				"															
114.1	115.2	100			massive whisp white mag.															
115.2	116.1				"															
116.1	117.0	100			white whisp magnesite															
117.0	117.2	100			"															
117.2	117.6				"															
117.6	119.6				"															
119.6	121.1	100			white sparry whisp magnesite															
121.1	123.0				MASSIVE CAVITY															
123.0	124.3	86			white sparry whisp magnesite															
124.3	127.1				CAVITY															
127.1	128.6	100			white sparry whisp magnesite															
128.6	130.2	100			"															

571022

1

DRILL CORE LOG

TASMANIA MAGNESITE No. 1

Plan-Map Reference: P18519

Co-ordinates: Azimuth:
 RL Collar: Inclination:

Drillers: *James Allen Michael Hou 172.6*
 Drill Types: *Man. 1. cast 22.*

Commenced: Depth: Hole No: *AR2/Leeb*
 Completed: Casing Left: DPO No's:

Depth		Core Rec (m)	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by									
From (m)	To (m)									MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI		
131.7	131.7	100			Mostly														
131.7	133.3	100			Buff White														
133.3	134.8	100			brecciated in place														
134.8	136.4	100																	
136.4	138.0	100																	
138.0	139.6	100			white sparry														
139.6	141.1	100			massive magnesite														
141.1	142.6	100																	
142.6	144.0	100																	
144.0	145.7	88																	
					cream brecciated														
					145.4 to 145.7														
145.7	147.8	100			white sparry														
					brecciated														
147.8	150.6	100																	
150.6	153.0	100																	
153.0	156.0	100																	
156.0	159.0	100																	
159.0	161.6	48																	
161.6	164.4	100																	
164.4	167.4	150			white sparry														
167.4	170.4	150			cream magnesite														
170.4	171.0	100			white magnesite														
171.0	172.6	100																	
172.6	174.2	100																	
174.2	176.7	100			+ few olivines														
176.7	178.4	100			cream - white														
178.4	179.6	100			massive bedded														
179.6	179.6	100			massive bedded														
179.6	179.6	100			cream - white														
179.6	182.2	100			massive bedded														
182.2	182.8	100			massive bedded														
182.8	183.5	100			cream - white														

CAVITY 0.4m

1.3 CAVITY

2.4m CAVITY

0.7 CAVITY

571023

N

Co-ordinates: Azimuth:
 RL Collar: Inclination:

Drillers:
 Drill Types:

Commenced:
 Completed:

Depth:
 Casing Left:

Hole No: **AR2 CHECK**
 DPO No's:

Depth		Core Rec 19 100	Core Size	Graphic Log	Core Description			Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by							
From (m)	To (m)				Mostly Buff	White	% Cryptocryst Magnesite					Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3	Fe2O3
172.5	177.1	100																	
178.1	185.7	100																	
185.7	187.3	100																	
187.3	188.5																		
188.3	189.0																		
189.0	190.5	100																	
190.5	192.0	100																	
192.0	193.5	100																	
193.5	195.0	100																	
195.0	196.5	100																	
196.5	198.0	100																	
198.0	199.5	100																	
199.5	201.0	100																	
201.0	202.5	100																	
202.5	204.0	100																	
204.0	205.5	53																	
205.5	207.0	100																	
207.0	208.5	100																	

571024

nd1

START OF CORING: -

AR 2 (CHECK)

571026

101.5
m



137.6

1376



160-1

AR 2 (CONT'D)

571028

160.1



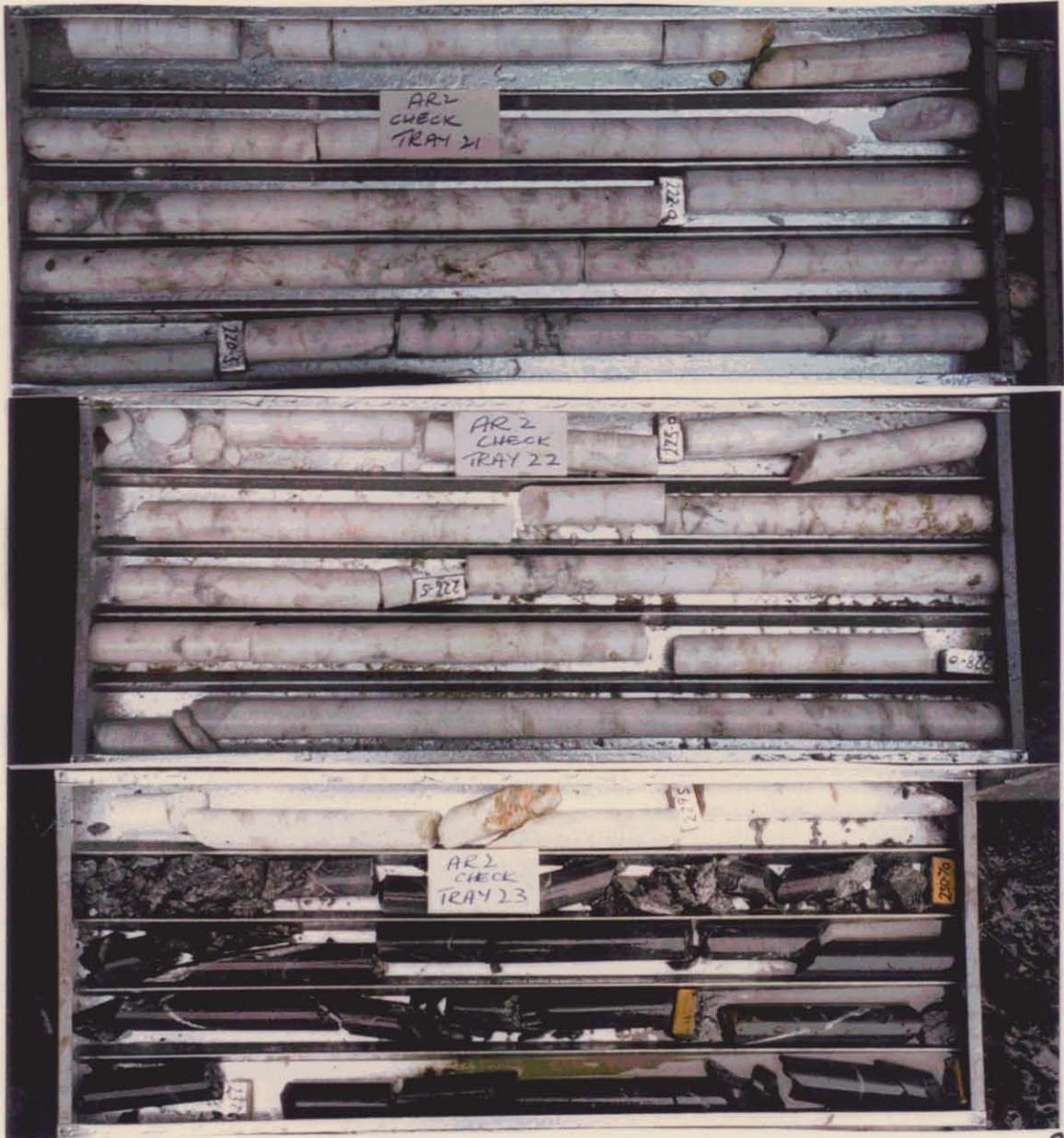
195-0



AR 2 (CONT'D)

571030

220M



233.3m
EOH

Core Log Sheet

Hole No AR-2

Page No 1

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
1	102.00	102.50	0.50	721	1	1	0.00	0.50	0.50	2.832	5.664		frag					
			0.00				0.50	1.00	2.679	5.358								
Tot/Avg			0.50					1.00	5.511	5.511	200.0			26.35	3.76	63.44	0.06	5.511
2	102.50	103.00	0.50	723	1	2	0.00	0.50	0.50	4.596	9.192		core					
								0.50	4.596	9.192								
Tot/Avg			0.50					0.50	4.596	9.192	100.0			45.75	0.53	4.72	0.67	4.596
3	103.00	107.60	4.60	724	1	2	0.50	1.00	0.50	3.045	6.090		c					
			0.00				0.72	0.72	6.183	8.588								
			0.00				0.72	0.83	0.305	2.773								
			0.00			0.83	1.00	1.351	7.947	c								
			0.00			0.00	0.23	1.746	7.591									
			0.00			0.23	0.32	0.069	0.767									
Tot/Avg			4.60				1.82	12.699	6.977	39.6			42.62	0.85	8.17	2.90	12.699	
4	107.60	108.10	0.50	730	1	4	0.32	0.90	0.58	4.829	8.326		c					
								0.58	4.829	8.326								
Tot/Avg			0.50					0.58	4.829	8.326	116.0			33.92	0.80	10.21	12.71	4.829
5	108.10	109.10	1.00	731	1	4	0.90	1.00	0.10	0.259	2.590		c					
			0.00				0.54	0.54	4.486	8.307								
			0.00				0.54	1.00	3.326	7.230								
Tot/Avg			1.00					1.10	8.071	7.337	110.0			36.19	0.58	13.51	9.35	8.071
6	109.10	109.60	0.50	734	2	1	0.00	0.53	0.53	4.429	8.357		c					
								0.53	4.429	8.357								
Tot/Avg			0.50					0.53	4.429	8.357	106.0			43.50	0.36	12.46	1.36	4.429
7	109.60	112.20	2.60	735	2	1	0.53	1.00	0.47	3.338	7.102		c					
			0.00				0.20	0.20	1.602	8.010								
			0.00				0.20	0.32	0.189	1.575								
			0.00				0.32	0.40	0.692	8.650								
Tot/Avg			2.60					0.87	6.821	6.691	33.5			42.54	0.61	9.63	2.78	5.821
8	112.20	115.60	3.40	739	2	2	0.40	1.00	0.60	2.247	3.745		c					
			0.00				0.40	0.40	0.940	2.350								
			0.00				0.40	1.00	2.273	3.788								
			0.00				0.64	0.64	2.896	4.525								
Tot/Avg			3.40					2.24	8.356	3.730	65.9			39.87	1.91	15.17	1.94	8.356
9	115.60	117.00	1.40	743	2	4	0.64	1.00	0.36	1.268	3.522		c					
			0.00				1.00	1.00	4.366	4.366								
Tot/Avg			1.40					1.36	5.634	4.143	97.1			43.03	0.71	10.43	1.98	5.634
10	117.00	119.60	2.60	745	3	1	0.00	0.52	0.52	2.310	4.442		c					
								0.52	2.310	4.442								
Tot/Avg			2.60					0.52	2.310	4.442	20.0			35.66	0.65	22.79	7.09	2.310
11	119.60	123.00	3.40	746	3	1	0.52	0.75	0.23	0.312	1.357		f					
			0.00				0.75	1.00	1.081	4.324								
			0.00				0.00	1.00	4.458	4.458								
			0.00				0.23	0.23	0.837	3.639								
Tot/Avg			3.40					1.71	6.688	3.911	50.3			43.56	1.09	7.63	1.73	6.688

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Core Log Sheet

Hole No AR-2

Page No 2

Assays

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
	From	To	Lnth.				From	To	Lnth.										
12	123.00	127.10	4.10	750	3	3	0.23	0.59	0.36	1.102	3.061		f						
			0.00	751			0.59	1.00	0.41	1.764	4.302		c						
			0.00	752			4	0.00	0.53	0.53	2.365	4.462		c					
Tot/Avg			4.10					1.30	5.231	4.024	31.7		44.27	0.72	7.64	1.50	5.231		
13	127.10	128.60	1.50	753	3	4	0.53	1.00	0.47	1.755	3.734		c						
			0.00	754			5	0.00	1.00	1.00	4.630	4.630		c					
			0.00	755			4	1	0.00	0.30	0.30	1.072	3.573		c				
Tot/Avg			1.50					1.77	7.457	4.213	118.0		44.62	0.71	7.99	0.88	7.457		
14	128.60	130.20	1.60	756	4	1	0.30	1.00	0.70	3.061	4.373		c						
			0.00	757			2	0.00	1.00	1.00	4.454	4.454		c					
Tot/Avg			1.60					1.70	7.515	4.421	106.3		44.99	1.12	5.04	0.80	7.515		
15	130.20	131.70	1.50	758	4	3	0.00	1.00	1.00	4.046	4.046		c						
			0.00	759			4	0.00	0.60	0.60	2.767	4.612		c					
Tot/Avg			1.50					1.60	6.813	4.258	106.7		43.86	0.89	5.22	1.77	6.813		
16	131.70	133.30	1.60	760	4	4	0.60	1.00	0.40	1.477	3.693		c						
			0.00	761			5	0.00	1.00	1.00	4.580	4.580		c					
			0.00	762			5	1	0.00	0.27	0.27	1.089	4.033		c				
Tot/Avg			1.60					1.67	7.146	4.279	104.4		43.80	1.02	6.47	0.68	7.146		
17	133.30	134.80	1.50	763	5	1	0.27	1.00	0.73	2.936	4.022		c						
			0.00	764			2	0.00	1.00	1.00	4.072	4.072		c					
Tot/Avg			1.50					1.73	7.008	4.051	116.3		43.90	0.77	4.45	0.86	7.008		
18	134.80	136.40	1.60	765	5	3	0.00	1.00	1.00	4.120	4.120		c						
			0.00	766			4	0.00	0.73	0.73	3.303	4.525		c					
Tot/Avg			1.60					1.73	7.423	4.291	108.1		42.01	0.97	3.99	4.12	7.423		
19	136.40	138.00	1.60	767	5	4	0.73	1.00	0.27	0.876	3.244		c						
			0.00	768			5	0.00	1.00	1.00	4.572	4.572		c					
			0.00	769			6	1	0.00	0.43	0.43	1.851	4.305		c				
Tot/Avg			1.60					1.70	7.299	4.294	106.3		43.99	1.45	6.58	0.66	7.299		
20	138.00	139.50	1.50	770	6	1	0.44	1.00	0.56	2.544	4.543		c						
			0.00	771			2	0.00	0.98	0.98	4.523	4.615		c					
			0.00	772			3	0.00	0.11	0.11	0.473	4.261		c					
Tot/Avg			1.50					1.65	7.540	4.567	110.1		43.38	1.27	4.18	1.93	7.540		
21	139.50	141.10	1.60	773	6	3	0.16	0.96	0.80	3.765	4.706		c						
			0.00	774			4	0.00	0.70	0.70	3.184	4.549		c					
Tot/Avg			1.60					1.50	6.949	4.633	93.8		43.92	0.89	6.40	0.45	6.949		
22	141.10	142.60	1.50	775	6	4	0.77	1.00	0.23	1.026	4.461		c						
			0.00	776			5	0.00	0.98	0.98	4.494	4.586		c					
			0.00	777			7	1	0.00	0.42	0.42	1.882	4.481		c				
Tot/Avg			1.50					1.63	7.402	4.541	108.7		41.67	0.72	7.14	3.30	7.402		
23	142.60	144.00	1.40	778	7	1	0.48	0.98	0.50	2.340	4.680		c						
			0.00	779			2	0.00	0.77	0.77	3.575	4.643		c					
Tot/Avg			1.40					1.27	5.915	4.657	90.7		43.92	0.25	4.59	1.71	5.915		

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Core Log Sheet

Hole No. AR-2

Page No. 3

Assays

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg
	From	To	Lnth.				From	To	Lnth.									
24	144.00	145.70	1.70	780	7	2	0.77	1.00	0.23	0.993	4.317		c					
			0.00	781		3	0.00	0.94	0.94	4.305	4.580		c					
			0.00	782		4	0.00	0.40	0.40	1.631	4.078		c					
Tot/Avg			1.70					1.67	6.929	4.413	92.4		41.88	0.37	8.97	2.53	6.929	
25	145.70	147.00	1.30	783	7	4	0.50	1.00	0.50	2.298	4.596		c					
			0.00	784		5	0.00	0.83	0.83	3.772	4.545		c					
Tot/Avg			1.30					1.33	6.070	4.564	102.3		41.26	1.14	11.64	2.87	6.070	
26	147.00	150.00	3.00	785	7	5	0.87	0.97	0.10	0.362	3.620		c					
			0.00	786	8	1	0.00	0.90	0.90	4.308	4.787		c					
			0.00	787		2	0.00	0.98	0.98	4.447	4.538		c					
			0.00	788		3	0.00	0.93	0.93	4.188	4.503		c					
			0.00	789		4	0.00	0.15	0.15	0.596	3.973		c					
Tot/Avg			3.00					3.06	13.901	4.543	102.0		41.41	0.48	13.84	1.82	13.901	
27	150.00	153.00	3.00	790	8	4	0.17	0.98	0.81	3.302	4.077		c					
			0.00	791		5	0.00	0.96	0.96	4.255	4.432		c					
			0.00	792	9	1	0.00	0.90	0.90	4.127	4.586		c					
			0.00	793		2	0.00	0.41	0.41	1.861	4.539		c					
Tot/Avg			3.00					3.08	13.645	4.398	102.7		39.38	0.88	8.60	6.07	13.545	
28	153.00	156.00	3.00	794	9	2	0.48	0.99	0.51	2.332	4.573		c					
			0.00	795		3	0.00	1.00	1.00	4.530	4.530		c					
			0.00	796		4	0.00	0.97	0.97	4.432	4.569		c					
			0.00	797		5	0.00	0.61	0.61	2.755	4.516		c					
Tot/Avg			3.00					3.09	14.048	4.547	103.0		42.00	0.73	8.64	1.45	14.049	
29	156.00	159.00	3.00	798	9	5	0.74	1.00	0.26	1.104	4.246		c					
			0.00	799	10	1	0.00	0.98	0.98	4.353	4.442		c					
			0.00	800		2	0.00	1.00	1.00	4.542	4.542		c					
			0.00	801		3	0.00	0.81	0.81	3.725	4.599		c					
Tot/Avg			3.00					3.05	13.724	4.500	101.7		42.38	1.38	6.40	2.48	13.724	
30	159.00	162.00	3.00	802	10	3	0.87	1.00	0.13	0.536	4.123		c					
			0.00	803		4	0.00	1.00	1.00	4.567	4.567		c					
			0.00	804		5	0.00	0.94	0.94	4.259	4.531		c					
			0.00	805	11	1	0.00	0.61	0.61	2.718	4.456		c					
			0.00	806				0.62	0.80	0.18	0.626	3.478		f				
Tot/Avg			3.00					2.88	12.706	4.443	95.3		43.74	0.97	6.65	1.61	12.706	
31	162.00	165.00	3.00	807	11	1	0.88	1.00	0.12	0.495	4.125		c					
			0.00	808		2	0.00	0.30	0.30	1.313	4.377		c					
Tot/Avg			3.00					0.42	1.808	4.305	14.0		39.53	0.62	14.92	1.26	1.808	

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Core Log Sheet

Hole No AR-2

Page No 4

Assays

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg
	From	To	Lnth.				From	To	Lnth.									
32	168.40	170.00	1.60	809	11	2	0.40	1.00	0.60	3.637	6.062		cav & c					
			0.00	810		3	0.00	0.93	0.93	4.239	4.558		c					
			0.00	811		4	0.00	0.10	0.10	0.346	3.460		c					
Tot/Avg			1.60						1.63	8.222	6.044	101.9		43.38	1.19	8.79	0.93	8.222
33	170.00	171.00	1.00	812	11	4	0.15	1.00	0.85	3.907	4.596		c					
			0.00	813		5	0.00	0.39	0.39	1.886	4.838		c					
Tot/Avg			1.00						1.24	5.793	4.672	124.0		43.94	1.32	7.43	0.90	5.793
34	171.00	174.00	3.00	814	11	5	0.53	1.00	0.47	2.176	4.630		c					
			0.00	815	12	1	0.00	0.87	0.87	4.133	4.751		c					
			0.00	816		2	0.00	0.92	0.92	4.289	4.662		c					
			0.00	817		3	0.00	0.47	0.47	2.143	4.560		c					
Tot/Avg			3.00						2.73	12.741	4.667	91.0		43.09	0.69	7.63	1.07	12.741
35	174.00	177.00	3.00	818	12	3	0.50	0.94	0.44	2.037	4.630		c					
			0.00	819		4	0.00	0.94	0.94	4.340	4.617		c					
			0.00	820		5	0.00	0.94	0.94	4.310	4.585		c					
			0.00	821	13	1	0.00	0.42	0.42	1.021	2.431		c					
Tot/Avg			3.00						2.74	11.708	4.273	91.3		40.22	0.88	10.23	3.12	11.708
36	177.00	179.60	2.60	822	13	1	0.42	0.93	0.51	2.791	5.473		c					
			0.00	823		2	0.00	0.96	0.96	4.389	4.572		c					
			0.00	824		3	0.00	0.10	0.10	0.395	3.950		c					
Tot/Avg			2.60						1.67	7.575	4.825	60.4		42.26	0.48	9.86	1.32	7.575
37	179.60	182.00	2.40	825	13	3	0.13	0.36	0.23	1.050	4.565		c					
Tot/Avg			2.40						0.23	1.050	4.565	9.6		42.86	0.75	7.95	1.25	1.050
38	182.00	182.80	0.80	826	13	3	0.61	1.00	0.39	1.806	4.631		cav & c					
			0.00	827		4	0.00	0.20	0.20	0.920	4.600		c					
Tot/Avg			0.80						0.69	2.726	4.620	73.7		43.13	0.21	7.65	1.43	2.726
39	182.80	184.10	1.30	#REF!	13	4	0.30	0.80	0.50	2.294	4.588		c					
Tot/Avg			1.30						0.50	2.294	4.588	38.5		41.10	0.12	10.09	2.30	2.294
40	184.10	185.70	1.60	829	13	5	0.00	0.94	0.94	4.399	4.680		c					
			0.00	830	14	1	0.00	0.73	0.73	3.374	4.622		c					
Tot/Avg			1.60						1.67	7.773	4.654	104.4		43.18	0.13	8.49	1.02	7.773
41	185.70	187.30	1.60	831	14	1	0.80	1.00	0.20	0.859	4.295		c					
			0.00	832		2	0.00	0.96	0.96	4.395	4.578		c					
			0.00	833		3	0.00	0.46	0.46	2.070	4.500		c					
Tot/Avg			1.60						1.62	7.324	4.621	101.2		41.87	0.13	11.03	0.97	7.324
42	187.30	189.00	1.70	834	14	3	0.61	1.00	0.39	1.748	4.482		cav & c					
			0.00	835		4	0.00	0.59	0.59	2.643	4.480		c					
Tot/Avg			1.70						0.98	4.391	4.481	57.6		41.90	0.38	10.81	1.00	4.391
43	189.00	190.50	1.50	836	14	4	0.69	1.00	0.31	1.245	4.016		c					
			0.00	837		5	0.00	1.00	1.00	4.525	4.525		c					
			0.00	838	15	1	0.00	0.14	0.14	0.596	4.257		c					
			0.00	838F			0.14	0.15	0.00	0.149	29.800		f					
Tot/Avg			1.50						1.45	6.366	4.390	96.7		39.19	0.92	13.59	2.01	6.366

571034

Core Log Sheet

Hole No AR-2

Page No 6

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg		
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %			
44	190.50	192.00	1.50	839	15	1	0.28	1.00	0.72	3.316	4.606		c							
			0.00				840	2	0.00	0.74	0.74	3.388	4.578		c					
Tot/Avg			1.50						1.46	6.704	4.592	97.3		41.98	0.44	10.21	1.52	6.704		
45	192.00	193.50	1.50	841	15	2	0.80	1.00	0.20	0.921	4.605		c							
			0.00				842	3	0.00	0.96	0.96	4.446	4.631		c					
			0.00				843	4	0.00	0.42	0.42	1.863	4.436		c					
Tot/Avg			1.50					1.58	7.230	4.576	105.3		45.00	0.42	4.77	0.61	7.230			
46	193.50	195.00	1.50	844	15	4	0.47	1.00	0.53	2.346	4.426		c							
			0.00				845	5	0.00	0.91	0.91	4.158	4.569		c					
Tot/Avg			1.50						1.44	6.504	4.517	96.0		43.74	0.21	7.48	0.94	6.504		
47	195.00	196.50	1.50	846	16	1	0.00	0.95	0.95	4.356	4.585		c							
			0.00				847	2	0.00	0.65	0.65	2.960	4.554		c					
Tot/Avg			1.50						1.60	7.316	4.573	106.7		43.23	0.26	8.42	1.20	7.316		
48	196.50	198.00	1.50	848	16	2	0.66	1.00	0.34	1.528	4.494		c							
			0.00				849	3	0.00	0.97	0.97	4.510	4.649		c					
			0.00				850	4	0.00	0.17	0.17	0.764	4.494		c					
Tot/Avg			1.50					1.48	6.802	4.596	98.7		44.98	0.46	4.85	0.92	6.802			
49	198.00	199.50	1.50	851	16	4	0.26	1.00	0.74	3.496	4.724		c							
			0.00				852	5	0.00	0.82	0.82	3.770	4.598		c					
Tot/Avg			1.50						1.56	7.266	4.658	104.0		44.70	0.21	5.20	1.05	7.266		
50	199.50	201.00	1.50	853	17	1	0.00	0.96	0.96	4.291	4.470		c							
			0.00				854	2	0.00	0.45	0.45	2.045	4.544		c					
Tot/Avg			1.50						1.41	6.336	4.494	94.0		45.47	0.44	3.97	0.86	6.336		
51	201.00	202.50	1.50	855	17	2	0.47	0.97	0.50	2.305	4.610		c							
			0.00				856	3	0.00	0.92	0.92	4.309	4.684		c					
Tot/Avg			1.50						1.42	6.614	4.658	94.7		43.71	0.71	4.44	2.27	6.614		
52	202.50	204.00	1.50	857	17	4	0.00	0.97	0.97	4.449	4.587		c							
			0.00				858	5	0.00	0.55	0.55	2.526	4.593		c					
Tot/Avg			1.50						1.52	6.975	4.589	101.3		45.03	0.49	5.45	0.98	6.975		
53	204.00	205.50	1.50	859	17	5	0.55	0.95	0.40	1.814	4.535		c							
			0.00				860	18	1	0.00	0.42	0.42	1.854	4.414		c				
Tot/Avg			1.50						0.82	3.668	4.473	54.7		43.43	0.21	5.93	2.25	3.668		
54	205.50	207.00	1.50	861	18	1	0.44	1.00	0.56	2.551	4.555		c							
			0.00				862	2	0.00	0.92	0.92	4.222	4.589		c					
			0.00				863	3	0.00	0.13	0.13	0.532	4.092		c					
Tot/Avg			1.50					1.61	7.305	4.537	107.3		42.19	0.14	11.15	1.51	7.305			
55	207.00	208.50	1.50	864	18	3	0.20	1.00	0.80	3.637	4.546		c							
			0.00				865	4	0.00	0.75	0.75	3.520	4.693		c					
Tot/Avg			1.50					1.55	7.157	4.617	103.3		42.15	0.19	11.90	1.12	7.157			

571035

Core Log Sheet

Hole No AR-2

Page No 6

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
56	208.50	210.00	1.50	866	18	4	0.83	1.00	0.17	0.793	4.665		c					
			0.00	867		5	0.00	0.95	0.95	4.381	4.612		c					
			0.00	868	19	1	0.00	0.36	0.36	1.641	4.558		c					
Tot/Avg			1.50					1.48	6.815	4.605	98.7		40.98	0.08	13.14	1.50	6.815	
57	210.00	211.50	1.50	869	19	1	0.41	1.00	0.59	2.704	4.583		c					
			0.00	870		2	0.00	0.90	0.90	4.149	4.610		c					
			0.00	871		3	0.00	0.40	0.40	1.826	4.565		c					
			0.00	872			0.42	0.70	0.28	1.220	4.357		cav & c					
Tot/Avg			1.50					2.17	9.899	4.562	144.7		43.00	0.10	8.96	1.39	8.899	
58	213.00	214.50	1.50	873	19	3	0.76	1.00	0.24	1.029	4.288		c					
			0.00	874		4	0.00	0.99	0.99	4.469	4.514		c					
			0.00	875		5	0.00	0.27	0.27	1.164	4.311		c					
			0.00	876			0.27	0.30	0.03	0.100	3.333		f					
Tot/Avg			1.50					1.53	8.762	4.420	102.0		41.22	0.24	7.69	3.90	6.762	
59	214.50	216.00	1.50	877	19	5	0.39	1.00	0.61	2.862	4.692		c					
			0.00	878	20	1	0.00	0.82	0.82	3.746	4.568		c					
Tot/Avg			1.50						1.43	6.608	4.621	95.3		40.10	0.26	11.51	2.95	6.608
60	216.00	217.50	1.50	879	20	1	0.89	1.00	0.11	0.565	5.136		c					
			0.00	880		2	0.00	0.96	0.96	4.360	4.542		c					
			0.00	881		3	0.00	0.55	0.55	2.335	4.245		c					
Tot/Avg			1.50					1.62	7.260	4.481	108.0		42.80	0.14	8.69	1.47	7.260	
61	217.50	219.00	1.50	882	20	3	0.59	0.99	0.40	1.853	4.633		c					
			0.00	883		4	0.00	0.97	0.97	4.405	4.541		c					
			0.00	884		5	0.00	0.04	0.04	0.164	4.100		c					
Tot/Avg			1.50					1.41	6.422	4.555	94.0		42.25	0.19	9.26	1.43	6.422	
62	219.00	220.50	1.50	885	20	5	0.10	0.93	0.83	3.888	4.684		c					
			0.00	886	21	1	0.00	0.60	0.60	3.490	5.817		c					
Tot/Avg			1.50						1.43	7.378	5.159	95.3		44.18	0.09	6.25	1.38	7.378
63	220.50	222.00	1.50	887	21	1	0.80	1.00	0.20	0.924	4.620		c					
			0.00	888		2	0.00	0.98	0.98	4.585	4.679		c					
			0.00	889		3	0.00	0.31	0.31	1.428	4.606		c					
Tot/Avg			1.50					1.49	6.937	4.656	99.3		44.11	0.11	6.77	1.39	6.937	
63A	222.00	223.50	1.50	890	21	3	0.35	0.99	0.64	2.949	4.608		c					
			0.00	891		4	0.00	0.89	0.89	4.067	4.570		c					
Tot/Avg			1.50						1.53	7.016	4.586	102.0		43.86	0.15	8.12	1.16	7.016
64	223.50	225.00	1.50	892	21	5	0.05	0.97	0.92	4.180	4.543		c					
			0.00	893	22	1	0.00	0.07	0.07	0.395	5.643		f					
			0.00	894			0.08	0.55	0.47	2.148	4.570		c					
Tot/Avg			1.50					1.45	6.723	4.605	97.3		44.08	0.13	6.96	1.48	6.723	

571036

Core Log Sheet

Hole No AR-2

Page No 7

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg
65	225.00	226.50	1.50	895	22	1	0.67	1.00	0.33	1.499	4.542		c					
			0.00	896		2	0.08	1.00	0.92	4.253	4.623		c					
			0.00	897		3	0.00	0.29	0.29	1.422	4.903		c					
Tot/Avg			1.50					1.54	7.174	4.658	102.7		40.99	0.17	11.78	2.31	7.174	
66	226.50	228.00	1.50	898	22	3	0.41	1.00	0.59	2.737	4.639		c					
			0.00	899		4	0.00	0.89	0.89	4.041	4.540		c					
Tot/Avg			1.50					1.48	6.778	4.580	98.7		42.42	0.32	11.74	2.34	6.778	
67	228.00	229.50	1.50	900	22	5	0.00	0.99	0.99	4.551	4.597		c					
			0.00	901	23	1	0.00	0.44	0.44	1.852	4.209		c					
Tot/Avg			1.50					1.43	6.403	4.478	95.3		42.14	0.79	7.41	4.03	6.403	
68	229.50	230.00	0.50	902	23	1	0.49	1.00	0.51	2.037	3.994		c					
Tot/Avg			0.50						0.51	2.037	3.994	102.0		23.33	1.62	10.53	24.25	2.037

571037

Appx 2

571038

DDH AR7

Co-ordinates: Azimuth: 319 Mag 330 True

Drillers: KAYE/BILLIOWS

Commenced: 9 July 1997

Depth:

Hole No: AP7 (CHECK)

RL Collar: Inclination: -46°

Drill Types: LONGYETIVE 38

Completed:

Casing Left:

DPO No's:

Depth	Core		Core Size	Graphic Log	Core Description	Mostly			% Cryptocryst Magnesite	Minerals in Sparry patches			Assay Values (Analysed by)												
	From (m)	To (m)				Rec (m)	Buff	White		sil	Dol	Mag	MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI					
1-3	31.70	33.00	100%	HQ	Cream buff and white calcareous magnesite/dolomite	60%	40%	?										41.04	5.27						
10	33.0	34.6	100%	HQ	"	70%	30%	?										40.59	5.21						
12	34.6	36.0	100%	HQ	"													42.62	1.38						
16	36.0	37.60	100%		Buff magnesite and white sandy dolomite last 30cm magnesite	20%	80%	20%?										40.95	2.63						
	37.60	39.0	100%		Buff magnesite last 30cm white sandy dolomite	75-80%	20-25%	80%?										42.38	3.56						
	39.0	40.6	100%		Unifrom magneite pale cream white	80%	20%	80%?										38.83	3.86						
	40.6	42.0	100%		Pale white magnesite sandy dolomite	30%	70%											39.65	2.79						
	42.0	42.6	100%		"	50%	50%											38.67	3.20						
	42.6	45.0	100%		Massive reddish? Magnesite and white dolomite	85%	15%	85%?										40.62	4.53						
	45.0	46.7	100%		Buff magnesite and white dolomite	75%	25%	75%										35.33	3.32						
20m	46.7	48.0	15%		Crumbly broken white brown carbonate - quartz	-	-											15.16	27.65						
25m	48.0	49.6	25%		Broken as above plus buff magnesite	25%		25%										21.45	7.81						
30m	49.6	51.0	66%		Buff + white broken magnesite + quartz	60%	50%											24.80	6.32						
40m	51.0	54.0	10%		Broken coarse sand dark brown and	50%		50%										33.92	16.70						

571040

Co-ordinates: Azimuth:

Drillers:

Commenced:

Depth:

Hole No. A.P.7 (CHECK)

RL Collar: Inclination:

Drill Types:

Completed:

Casing Left:

DPO No's:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by																											
From (m)	To (m)	Rec (m)	Core Size							Mostly		% Cryptocryst	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI														
										Buff	White	Magnesite	sil	Dol	Mag																						
54	56.2	72%	HQ		buff magnesite with 20cm white dolomite					90%									38.13	8.31																	
56.2	57.0	100%			buff magnesite and white dolomite?					50%	50%								28.03	8.62																	
57.0	58.6	100%			buff and white magnesite + dolomite?					100%	90%								40.95	9.05																	
58.6	59.7	100%			white magnesite						100%								43.2	3.32																	
59.7	61.3	100%			buff magnesite and white dolomite?					60%	40%								44.01	3.49																	
61.3	63.0	40%			yellow buff magnesite cavity at 63m					100%									44.29	3.44																	
63.0	65.3	100%			Decomposed yellow magnesite					50%	50%								40.66	2.91																	
65.3	69.0	25%			yellow clay 66-69 cavity														25.53	2.77																	
69.0	72.0	2%			yellow clay														39.9	12.88																	
72.0	75.0	33%			yellow clay plus rock fragments														42.36	6.36																	
75.0	78	25%			yellow clay														42.15	6.20																	
78	81	40%			" last 50cm some rock fragments														39.62	4.63																	
81	83	50%			white clay														42.60	6.49																	
83	84	100%			"														42.89	4.70																	
84	85.6	75%			creamy white clay plus rock fragments														44.01	3.71																	

5/1041

21

Co-ordinates: Azimuth:

Drillers:

Commenced:

Depth:

Hole No.: A.P.7 (CHECK)

RL Collar: Inclination:

Drill Types:

Completed:

Casing Left:

DPO No's:

Depth		Core Rec (m)	Core Size	Graphic Log	Core Description					Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by												
From (m)	To (m)				Mostly Buff	Mostly White	% Cryptocryst Magnesite	Minerals in Sparry patches						MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI					
85.6	87.0	60%					100%						44.13			3.71										
87.0	90.0	50%											43.5			6.53										
90.0	11.70	100%											43.48			5.57										
91.70	98.0	100%											43.34			7.4										
92.0	94.6	100%											42.01			9.45										
94.6	96.0	100%											40.77			4.78										
96.0	97.6	100%											43.94			5.40										
97.6	99	50%											44.06			5.27										
99	102	20%											39.12			4.81										
102	104.3	75%											43.15			4.47										
104.3	105	100%											43.55			7.10										
105	106.6	100%											44.31			8.38										

571042

4

Co-ordinates: Azimuth:

Drillers:

Commenced:

Depth:

Hole No.: **AR7 (CHECK)**

RL Collar: Inclination:

Drill Types:

Completed:

Casing Left:

DPO No's:

Depth		Core Rec (m)	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by										
From (m)	To (m)									MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI			
				Mostly		% Cryptocryst		Minerals in												
				Buff	White	Magnesite		Sparry patches												
								sil	Dol	Mag										
106.6	108	100%	40		Hard buff magnes							43.48		7.70						
					last 5cms clay															
108	111	50%	"		buff clay and magnes frags							42.90		7.71						
111	113	75%	"		yellow buff clay							45.43		5.74						
113	114	5%	"		concrete clay and rock frags							41.69		9.47						
114	115.6	100%	"		yellow buff decomp magnes							43.66		5.83						
115.6	117	100%	"		yellow buff magnes 115.6-115.7 soft brown clay							44.07		5.84						
117	118.3	90%	"		buff decomp yellow buff magnes last 50cms soft decomposed							42.57		8.88						
118.3	119.9	90%	"		cream buff hard magnesite							45.1		5.18						
119.9	121.5	100%	"		"							44.9		5.32						
121.5	123.0	100%	"		"							45.66		2.65						
123.0	124.6	100%	"		"							45.13		4.32						
124.6	126	100%	"		"							44.8		3.40						
					last 30cm broken															
126	127.7	100%	"		broken hard buff magnesite							41.9		5.14						
127.7	129				cream buff magnesite 127.7 10cm clay							43.04		4.82						

571043

161

Co-ordinates: Azimuth:

Drillers:

Commenced:

Depth:

Hole No: **AR7 (CHECK)**

RL Collar: Inclination:

Drill Types:

Completed:

Casing Left:

DPO No's:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by													
From (m)	To (m)	Rec (m)	Core Size							Mostly		% Cryptocryst	Minerals in			MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
										Buff	White	Magnesite	Sparry patches										
150	151.6	80%	HQ		broken frags of creamy brown hard magnes									43.13		5.97							
151.6	153	100%			Hard creamy/brown patchy magnesite									44.82		5.45							
153	154.8	100%			at 153.5 small cavity									43.06		5.24							
154.8	156	100%			broken hard cream white/brown mag. 154.8-155.3 soft brown clay									45.41		5.19							
156	157.5	50%			brown magnesite frags with both quartz (?)									39.14		8.20							
157.5	159	10%			broken frags of magnesite and dolomitic breccia																		
159	162	0%			CAVITY																		
162	165	33%			broken yellow creamy grey magnesite 162-164 CAVITY 164.8-165 clayey									42.28		8.08							
165	167.3	75%			yellow clay 165-165.7 CAVITY 165.7-166.4 clay 166.4-166.9 Hard buff magnesite 166.9-167.3 clay									42.03		7.86							
167.3	168	120%			50cm soft clay 50cm broken buff magnesite									41.43		9.74							

571045

7

Co-ordinates: Azimuth:

Drillers:

Commenced:

Depth:

Hole No: **AR7 (CHECK)**

RL Collar: Inclination:

Drill Types:

Completed:

Casing Left:

DPO No's:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by													
From (m)	To (m)	Rec (m)	Core Size							Mostly		% Cryptocryst	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
										Buff	White	Magnesite	sil	Dol	Mag								
					186.5 - 187.6																		
					Hard cream magnesite with whorly dolomite																		
187.6	189	100%	HP		187.6 - 188																		
					188 - 189 grey dolomite																		
189	190.6	100%			189 - 189.30 grey fragments dolomite																		
					189.30 - 190.6 solid white magnesite																		
190.6	192	100%			190.6 - 192 solid white magnesite with whorly dolomite																		
192	193.6	100%			192 - 193.6 "																		
					192.4 - 193.1																		
					193.1 - 193.6																		
					Hard creamy magnesite																		
193.6	195.0	100			193.6 - 195.0																		
					195.0 - 196.6																		
					196.6 - 197.6																		
					197.6 - 201																		
					201 - 202.6																		
					202.6 - 202.2																		

571047

9-1

JUNE 1997.

AR7(CHECK)

571049

0-11.33m Alluvials.

11.33m



39.6m

ART 7 (CHECK)

571050

39.6 m



82.0m

571051

AR 7 (CHECK)

82.0m



104.8m

AR7 (CHECK)

571052

114.8 m



135 m

127 (CHECK)

571053

135-0m



165-0

AR 7 (CHECK)

571054

165-0m





AR 7 (CONT'D)

571056



END OF HOLE
222.0M.

Core Log Sheet

Hole No AR-7

Page No: 1

Assays

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
1	11.33	13.30	1.97	1	1	1	0.00	0.32	0.32	4.618	14.431		core					
			0.00	2			0.32	0.69	0.37	5.657	15.289		c					
			0.00	3			0.69	0.75	0.06	0.642	10.700		frag					
			0.00	4			0.75	1.00	0.25	1.892	7.568		c					
			0.00	5			0.00	0.36	0.36	1.951	5.419		f					
Tot/Avg			1.97					1.36	14.760	10.853	69.0		40.39	0.69	10.40	0.26	14.760	
2	13.30	14.80	1.50	6	1	2	0.40	0.70	0.30	1.944	6.480		f					
			0.00	7			0.70	0.92	0.22	1.500	6.818		c					
			0.00	8			0.92	1.00	0.08	0.625	7.813		f					
Tot/Avg			1.50					0.60	4.07	6.782	40.0		37.73	0.95	17.10	0.42	4.069	
3	14.80	17.00	2.20	9	1	3	0.00	0.10	0.10	0.269	2.690		f					
			0.00	10			0.10	0.60	0.50	3.726	7.452		c					
			0.00	11			0.60	1.00	0.40	3.072	7.680		c					
			0.00	12	1	4	0.00	0.16	0.16	1.210	7.563		c					
			0.00	13			0.16	0.37	0.21	1.491	7.100		c					
			0.00	14			0.37	0.62	0.25	2.053	8.212		c					
			0.00	15			0.62	0.77	0.15	1.169	7.793		c					
Tot/Avg			2.20					1.77	12.99	7.339	80.5		37.76	1.34	13.95	0.26	12.990	
4	17.00	18.00	1.00	16	1	4	0.77	1.00	0.23	1.717	7.465		c					
			0.00	17	2	1	0.00	0.44	0.44	3.611	8.207		c					
			0.00	18			0.44	0.67	0.23	1.929	8.387		c					
Tot/Avg			1.00					0.90	7.26	8.063	90.0		41.08	0.30	11.37	1.00	7.257	
5	18.00	19.50	1.50	19	2	1	0.70	0.84	0.14	1.130	8.071		c					
			0.00	20			0.84	1.00	0.16	1.189	7.431		c					
			0.00	21	2	2	0.00	0.17	0.17	1.293	7.606		c					
			0.00	22			0.17	0.52	0.35	2.087	5.963		c					
			0.00	23			0.52	0.65	0.13	0.982	7.554		c					
			0.00	24			0.65	0.85	0.20	1.633	8.165		c					
			0.00	25			0.85	1.00	0.15	0.454	3.027		f					
			0.00	26	2	3	0.00	0.06	0.06	0.289	4.817		f					
Tot/Avg			1.50					1.36	9.06	6.660	90.7		39.67	0.67	11.07	0.87	9.057	
6	19.50	21.00	1.50	27	2	3	0.11	0.23	0.12	0.869	7.242		f					
			0.00	28			0.23	0.42	0.19	1.005	5.289		f					
			0.00	29			0.42	0.59	0.17	1.005	5.912		f					
			0.00	30			0.59	0.76	0.17	1.167	6.865		c					
			0.00	31			0.76	1.00	0.24	0.954	3.975		f					
Tot/Avg			1.50					0.89	5.00	5.618	59.3		42.08	0.58	8.75	0.38	5.000	
7	21.00	22.60	1.60	32	2	4	0.00	0.17	0.17	0.661	3.888		f & cav					
			0.00	33			0.20	0.42	0.22	1.608	7.309		c					
			0.00	34			0.42	0.82	0.40	1.940	4.850		f					
			0.00	35			0.82	1.00	0.18	1.089	6.050		c					
			0.00	36	2	5	0.00	0.17	0.17	1.135	6.676		c					
			0.00	37			0.17	0.37	0.20	1.220	6.100		f					
Tot/Avg			1.60					1.34	7.65	5.711	83.7		38.75	3.14	11.78	0.30	7.653	

DRAFT

571057

Core Log Sheet

Hole No AR-7

Page No. 2

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
8	22.60	24.00	1.40	38	2	5	0.42	0.55	0.13	0.746	5.738		f						
			0.00	39			0.55	0.57	0.02		0.000		cav						
			0.00	40			0.57	0.64	0.07	0.276	3.943		f						
			0.00	41			0.64	0.83	0.19	1.258	6.621		c						
			0.00	42			0.83	1.00	0.17	0.673	3.959		c						
			0.00	43	3	1	0.00	0.09	0.09	0.279	3.100		f						
Tot/Avg			1.40						0.67	3.23	4.824	47.9			38.43	3.73	11.11	0.33	3.232
9	24.00	25.70	1.70	43	3	1	0.13	0.40	0.27	1.711	6.337		c						
			0.00	44			0.40	0.60	0.20	2.011	10.055		c						
			0.00	45			0.60	0.80	0.20	1.595	7.975		c						
			0.00	46			0.80	1.00	0.20	1.470	7.350		c						
			0.00	47		2	0.00	0.15	0.15	1.102	7.347		c						
			0.00	48			0.15	0.40	0.25	2.026	8.104		c						
			0.00	49			0.40	0.57	0.17	1.371	8.065		c						
Tot/Avg			1.70						1.44	11.29	7.838	84.7			42.71	0.84	6.47	0.35	11.286
10	25.70	27.00	1.30	50	3	2	0.63	0.75	0.12	0.639	5.325		f & cav						
			0.00	51			0.75	0.88	0.13	1.031	7.931		c						
			0.00	52			0.88	1.00	0.12	0.866	7.217		c						
Tot/Avg			1.30						0.37	2.54	6.854	28.5			41.95	3.82	4.48	0.44	2.536
11	27.00	28.80	1.80		3	3	0.00	0.07	0.07		0.000		cav						
			0.00	53			0.07	0.33	0.26	1.373	5.281		f						
			0.00				0.33	0.36	0.03		0.000		cav						
			0.00	54			0.36	0.79	0.43	1.816	4.223		f & cav						
Tot/Avg			1.80						0.79	3.19	4.037	43.9			41.30	2.34	6.58	1.51	3.189
12	28.80	30.00	1.20	55	3	3	0.80	1.00	0.20	0.553	2.765		f						
			0.00	56			0.00	0.14	0.14	0.880	6.286		f						
			0.00	57			0.14	0.33	0.19	1.392	7.326		c						
			0.00	58	3	4	0.33	0.65	0.32	2.550	7.969		c						
			0.00	59			0.65	1.00	0.35	2.096	5.989		f						
			0.00	60	3	5	0.00	0.30	0.30	1.653	5.510		f						
			0.00				0.30	0.33	0.03		0.000		gap						
Tot/Avg			1.20						1.53	9.12	5.963	127.5			42.24	1.23	4.10	1.23	9.124
13	30.00	31.70	1.70	61	3	5	0.33	0.39	0.06	0.396	6.600		f						
			0.00	62			0.39	0.52	0.13	1.096	8.431		c						
			0.00	63			0.52	0.72	0.20	1.575	7.875		c						
			0.00	64			0.72	1.00	0.28	2.067	7.382		c						
			0.00	65	4	1	0.00	0.28	0.28	2.184	7.800		c						
			0.00	66			0.28	0.43	0.15	0.786	5.240		f						
			0.00	67			0.43	0.60	0.17	1.484	8.729		c						
			0.00	68			0.60	0.73	0.13	0.895	6.885		c						
			0.00	69			0.73	0.84	0.11	0.504	4.582		f						
Tot/Avg			1.70						1.51	10.99	7.276	88.8			41.08	0.86	4.30	2.80	10.987

571053

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
14	31.70	33.00	1.30	70	4	1	0.88	1.00	0.12	0.673	5.608		c					
			0.00	71		2	0.00	0.19	0.19	1.346	7.084		c					
			0.00	72			0.19	0.53	0.34	2.970	8.735		c					
			0.00	73			0.53	0.60	0.07	0.433	6.186		f					
			0.00	74			0.60	1.00	0.40	2.546	6.365		c & gap					
			0.00	75			0.00	0.23	0.23	1.540	6.696		f					
			0.00	76			0.23	0.34	0.11	1.057	9.609		c					
			0.00	77			0.34	0.43	0.09	0.628	6.978		c					
Tot/Avg			1.30					1.55	11.19	7.221	119.2			41.04	0.64	5.27	1.68	11.193
15	33.00	34.60	1.60	78	4	3	0.50	0.68	0.18	1.673	9.294		c					
			0.00	79			0.68	1.00	0.32	2.365	7.391		c					
			0.00	80	4	4	0.00	0.20	0.20	1.247	6.235		f					
			0.00	81			0.20	0.50	0.30	1.480	4.933		f					
			0.00	82			0.50	0.80	0.30	1.839	6.130		f					
			0.00	83			0.80	1.00	0.20	1.536	7.680		c					
			0.00	84	4	5	0.00	0.23	0.23	1.751	7.613		c					
			0.00	85			0.23	0.38	0.15	1.013	6.753		c					
Tot/Avg			1.60					1.88	12.90	6.864	117.5			40.59	0.90	5.21	2.65	12.904
16	34.60	36.00	1.40	86	4	5	0.40	0.90	0.50	4.120	8.240		c					
			0.00	87			0.90	1.00	0.10	0.963	9.630		c					
			0.00	88	5	1	0.00	0.21	0.21	1.755	8.357		c					
			0.00				0.21	0.29	0.08		0.000		gap					
			0.00	89			0.29	0.38	0.09	0.864	9.600		c					
			0.00				0.38	0.44	0.06		0.000		gap					
			0.00	90			0.44	0.47	0.03	0.155	5.167		f					
			0.00	91			0.47	0.80	0.33	2.773	8.403		c					
17	36.00	37.60	1.60	94	5	2	0.00	0.19	0.19	1.351	7.111		c					
			0.00	95			0.19	0.32	0.13	0.821	6.315		c					
			0.00	96			0.32	0.49	0.17	1.347	7.924		c					
			0.00	97			0.49	0.71	0.22	1.943	8.832		c					
			0.00	98			0.71	1.00	0.29	2.034	7.014		c					
			0.00	99	5	3	0.00	0.23	0.23	1.700	7.391		c					
			0.00	100			0.23	0.58	0.35	2.681	7.660		c					
			0.00	101			0.58	0.67	0.09	0.639	7.100		f					
Tot/Avg			1.60					1.81	13.73	7.583	113.1			40.95	0.52	2.63	4.36	13.726
18	37.60	39.00	1.40	103	5	3	0.83	1.00	0.17	1.344	7.906		c					
			0.00	104	5	4	0.00	0.29	0.29	2.327	8.024		c					
			0.00	105			0.29	0.49	0.20	1.821	9.105		c					
			0.00	106			0.49	0.67	0.18	1.344	7.467		c					
			0.00	107			0.67	1.00	0.33	2.669	8.088		f					
			0.00	108			0.00	0.17	0.17	1.148	6.753		c					
			0.00	109			0.17	0.38	0.21	1.544	7.352		c					
Tot/Avg			1.40					1.55	12.20	7.869	110.7			42.38	0.36	3.56	2.86	12.197

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays				Mass kg				
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %					
19	39.00	40.60	1.60	110	5	5	0.40	0.53	0.13	0.738	5.677		f									
			0.00	111			0.53	0.72	0.19	1.823	9.595		c									
			0.00	112			0.72	0.90	0.18	1.482	8.233		f									
			0.00	113			0.90	1.00	0.10	0.690	6.900		c									
			0.00	114			6	1	0.00	0.17	0.17	1.087	6.394		c							
			0.00	115			0.17	0.36	0.19	1.456	7.663		c									
			0.00	116			0.36	0.67	0.31	2.565	8.274		c									
			0.00	117			0.67	0.98	0.31	2.512	8.103		c									
Tot/Avg			1.60					1.58	12.35	7.818	98.7		38.83	0.55	3.86	6.51	12.353					
20	40.60	42.00	1.40	118	6	2	0.00	0.56	0.56	4.236	7.564		c									
			0.00	119			0.56	0.66	0.10	0.484	4.840		c									
			0.00	120			0.66	1.00	0.34	2.940	8.647		c									
			0.00	121			6	3	0.00	0.48	0.48	3.698	7.704		c							
			0.00	122			0.48	0.60	0.12	1.095	9.125		c									
			Tot/Avg					1.40					1.60	12.45	7.783	114.3		39.65	0.57	2.79	7.43	12.453
21	42.00	43.60	1.60	123	6	3	0.62	0.67	0.05	0.436	8.720		f									
			0.00	124			0.67	0.85	0.18	1.116	6.200		c									
			0.00	125			0.85	1.00	0.15	1.492	9.947		c									
			0.00	126			6	4	0.00	0.44	0.44	3.128	7.109		c							
			0.00	127			0.44	0.51	0.07	0.492	7.029		f									
			0.00	128			0.51	0.59	0.08	0.505	6.313		c									
			0.00	129			0.59	0.66	0.07	0.262	3.743		f									
			0.00	130			0.66	0.75	0.09	0.526	5.844		c									
			0.00	131			0.75	0.88	0.13	0.465	3.577		c									
			0.00	132			0.88	1.00	0.12	0.805	6.708		c									
			0.00	133			6	5	0.00	0.26	0.26	2.087	8.027		c							
			Tot/Avg					1.60					1.64	11.31	6.899	102.5		38.67	0.01	3.20	8.37	11.314
			22	43.60			45.00	1.40	134	6	5	0.26	0.83	0.57	4.479	7.858		c				
0.00	135	0.83			1.00	0.17		1.032	6.071				c									
0.00	136	7			1	0.00		0.20	0.20			1.269	6.345		c							
0.00	137	0.20			0.25	0.05		0.109	2.180				f									
0.00	138	0.25			0.32	0.07		0.608	8.686				c									
0.00	139	0.32			0.52	0.20		1.935	9.675				f									
0.00	140	0.52			0.98	0.46		2.584	5.617				f									
Tot/Avg					1.40								1.72	12.02	6.986	122.9		40.62	0.72	4.53	5.62	12.016
23	45.00	46.70	1.70	141	7	2	0.00	0.28	0.28	1.863	6.654		f									
			0.00	142			0.28	0.55	0.27	1.719	6.367		c									
			0.00	143			0.55	0.75	0.20	1.386	6.930		c									
			0.00	144			0.75	0.95	0.20	1.965	9.825		c									
			0.00	145			0.95	1.00	0.05	0.210	4.200		f									
			0.00	146			7	3	0.00	0.65	0.65	5.140	7.908		c							
			Tot/Avg					1.70					1.65	12.28	7.444	97.1		35.33	1.43	3.32	11.54	12.283
24	46.70	48.00	1.30	147	7	3	0.74	0.98	0.24	0.806	3.358		f & 2cav									
Tot/Avg			1.30						0.24	0.81	3.358	18.5		15.16	18.02	22.68	11.71	0.806				
25	48.00	49.60	1.60	148	7	4	0.00	0.13	0.13	0.324	2.492		f									
			0.00				0.13	0.20	0.07	0.000		gap										
			0.00	149			0.20	0.43	0.23	1.204	5.235		c									
			0.00	150			0.43	0.51	0.08	0.416	5.200		f									
Tot/Avg			1.60					0.51	1.94	3.812	31.9		21.45	5.26	7.81	23.32	1.944					

571060

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays							
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg			
26	49.60	51.00	1.40	151	7	4	0.51	0.78	0.27	1.997	7.396		f								
			0.00	152				0.78	1.00	0.22	1.183	5.377		c							
			0.00	153	8	1		0.00	0.22	0.22	1.397	6.350		c							
			0.00	154				0.22	0.34	0.12	0.574	4.783		f							
Tot/Avg			1.40					0.83	6.16	6.206	69.3			24.80	2.67	6.32	22.97	6.161			
27	51.00	54.00	3.00	155	8	1	0.40	0.59	0.19	0.626	3.295		f								
			0.00	156				0.59	0.69	0.10	0.694	6.940		c							
			0.00	157				0.69	0.88	0.19	0.317	1.668		f & cav							
			0.00	157				0.69	0.88	0.19	0.317	1.668		f & cav							
Tot/Avg			3.00					0.48	1.64	3.410	16.0			33.92	8.46	16.70	1.36	1.637			
28	54.00	56.20	2.20	158	8	2	0.00	0.18	0.18	1.033	5.739		f								
			0.00	159				0.18	0.28	0.10	0.904	9.040		c							
			0.00	160				0.28	0.37	0.09	0.580	6.444		f							
			0.00	161				0.37	0.61	0.24	1.381	5.754		f							
			0.00	162				0.61	0.77	0.16	0.793	4.956		f							
			0.00	163				0.77	1.00	0.23	1.175	5.109		c							
			0.00	164	8	3		0.00	0.40	0.40	3.025	7.563		c							
			0.00	165				0.40	0.65	0.25	2.029	8.116		c							
			Tot/Avg			2.20					1.65	10.92	6.618	76.0			38.13	1.12	8.31	6.56	10.920
29	56.20	57.00	0.80	166	8	3	0.67	1.00	0.33	1.672	5.067		f								
			0.00	167				0.00	0.16	0.16	0.730	4.563		f							
			0.00	168				0.16	0.33	0.17	1.535	9.029		c							
			0.00	169				0.33	0.45	0.12	0.914	7.617		c							
			0.00	170				0.45	0.60	0.15	1.052	7.013		c							
			0.00	171				0.60	0.70	0.10	0.823	8.230		c							
Tot/Avg			0.80					1.03	6.73	6.530	128.8			28.03	1.67	8.62	17.67	6.726			
30	57.00	58.60	1.60	172	8	4	0.72	1.00	0.28	1.970	7.036		c								
			0.00	173	8	5		0.00	0.34	0.34	2.167	6.374		c							
			0.00	174				0.34	0.94	0.60	5.447	9.078		c							
Tot/Avg			1.60					1.22	9.68	7.866	76.2			40.56	0.83	9.06	3.08	9.684			
31	58.60	59.70	1.10	175	8	5	0.96	1.00	0.04	0.112	2.800		f								
			0.00	176	9	1		0.00	0.14	0.14	1.053	7.521		c							
			0.00	177				0.14	0.20	0.06	0.108	1.800		f							
			0.00	178				0.20	0.32	0.12	0.768	6.400		c							
			0.00	179				0.32	0.46	0.14	0.620	4.429		c							
			0.00	180				0.46	0.90	0.44	3.578	8.132		c							
			0.00	181				0.90	1.00	0.10	0.901	9.010		c							
			0.00	182	9	2		0.00	0.35	0.35	3.008	8.594		c							
			0.00	183				0.35	0.40	0.05	0.180	3.600		f							
			0.00	184				0.40	0.77	0.37	2.850	7.703		c							
Tot/Avg			1.10					1.81	13.18	7.281	164.6			43.20	0.82	3.32	2.82	13.178			
32	59.70	61.30	1.60	185	9	2	0.79	1.00	0.21	1.713	8.157		c								
			0.00	186	9	3		0.00	0.18	0.18	1.359	7.550		c							
			0.00	187				0.18	0.28	0.10	0.583	5.830		f							
			0.00	188				0.28	0.50	0.22	1.728	7.855		c							
			0.00	189				0.50	0.74	0.24	1.692	7.050		c							
			0.00	190				0.74	0.95	0.21	2.066	9.838		c							
			0.00	191				0.95	1.00	0.05	0.348	6.960		f							
			0.00	192	9	4		0.00	0.19	0.19	0.534	2.811		f							
			0.00	193				0.19	0.45	0.26	2.167	8.335		c							
			0.00	194				0.45	0.59	0.14	1.373	9.807		c							
Tot/Avg			1.60					1.80	13.66	7.536	112.6			44.01	0.22	3.49	1.97	13.663			

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Run No.	Intercents (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays				Mass kg		
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %			
33	61.30	63.00	1.70	195	9	4	0.59	1.00	0.41	2.983	7.276		c							
			0.00	196	9	5	0.00	0.20	0.20	1.240	6.200		c							
			0.00	197			0.20	0.31	0.11	0.593	5.391		f							
Tot/Avg			1.70					0.72	4.82	6.689	42.4			44.29	0.46	3.44	1.66	4.816		
34	63.00	65.30	2.30	198	9	5	0.31	0.46	0.15	0.523	3.487		f							
			0.00	199			0.46	0.61	0.15	0.836	5.573		f							
			0.00				0.61	0.68	0.07		0.000		gap							
			0.00	200			0.68	1.00	0.32	2.568	8.025		c							
			0.00	201	10	1	0.00	0.27	0.27	2.171	8.041		c							
			0.00	202			0.27	0.58	0.31	2.556	8.245		c							
			0.00	203			0.58	0.72	0.14	1.020	7.286		f							
			0.00	204			0.72	0.84	0.12	0.655	5.458		c							
Tot/Avg			2.30					1.63	11.44	6.771	73.6			40.66	0.91	2.91	6.96	11.443		
35	65.30	66.00	0.70	206	10	2	0.00	0.05	0.05	0.232	4.640		f							
			0.00	207			0.05	0.36	0.31	2.399	7.739		c							
			0.00	208			0.36	0.64	0.28	2.410	8.607		c							
Tot/Avg			0.70					0.64	6.04	7.877	91.4			26.63	0.01	2.77	24.44	6.041		
36	66.00	69.00	3.00	209	10	2	0.68	0.84	0.16	0.859	5.369		f							
Tot/Avg			3.00						0.16	0.86	6.369	6.3			40.03	9.60	6.26	0.64	0.869	
37	69.00	72.00	3.00	210	10	2	0.87	0.91	0.04	0.136	3.400		f							
Tot/Avg			3.00						0.04	0.14	3.400	1.3			39.90	1.66	12.88	0.46	0.136	
38	72.00	75.00	3.00	211	10	2	0.93	1.00	0.07	0.230	3.286		f							
			0.00	212	10	3	0.00	0.14	0.14	0.657	4.693		f							
			0.00	213			0.14	0.25	0.11	0.644	5.855		f							
			0.00	214			0.25	0.46	0.21	1.360	6.476		f							
			0.00	215			0.46	0.65	0.19	1.299	6.837		f							
			0.00	216			0.65	0.82	0.17	0.771	4.535		f							
Tot/Avg			3.00					0.83	4.96	6.674	29.7			42.36	3.44	6.38	0.66	4.961		
39	75.00	78.00	3.00	217	10	3	0.82	0.84	0.02	0.573	26.650		f							
			0.00	218	10	4	0.00	0.15	0.15	0.633	4.220		f							
			0.00	219			0.15	0.29	0.14	0.683	4.879		f							
			0.00	220			0.29	0.48	0.19	1.158	6.095		f							
			0.00	221			0.48	0.63	0.15	0.734	4.893		f							
Tot/Avg			3.00					0.66	3.78	6.817	21.7			42.16	6.21	6.20	0.47	3.781		
40	78.00	81.00	3.00	222	10	4	0.63	1.00	0.37	1.853	5.008		f							
			0.00	223	10	5	0.00	0.16	0.16	0.895	5.594		f							
			0.00	224			0.16	0.38	0.22	1.209	5.495		f							
			0.00	225			0.38	0.50	0.12	0.557	4.642		f							
			0.00	226			0.50	0.65	0.15	1.074	7.160		f							
			0.00	227			0.65	0.75	0.10	0.745	7.450		f							
			0.00	228			0.75	0.83	0.08	0.495	6.188		f							
			Tot/Avg			3.00					1.20	6.83	6.690	40.0			39.62	4.66	4.63	4.02
41	81.00	83.00	2.00	229	10	5	0.85	1.00	0.15	0.670	4.467		f							
			0.00	230	11	1	0.00	0.21	0.21	1.107	5.271		f							
			0.00	231			0.21	0.36	0.15	1.137	7.580		f							
			0.00	232			0.36	0.62	0.26	1.668	6.415		f							
			0.00	233			0.62	0.77	0.15	0.822	5.480		f							
			0.00	234			0.77	0.91	0.14	0.423	3.021		f							
Tot/Avg			2.00					1.06	6.83	6.497	63.0			42.60	1.09	6.49	1.36	6.827		

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Core Log Sheet

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Assays

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
42	83.00	84.00	1.00	235	11	1	0.94	1.00	0.06	0.283	4.717		f					
			0.00	236	11	2	0.00	0.17	0.17	0.887	5.218		f					
			0.00	237			0.17	0.29	0.12	0.988	8.233		f					
			0.00	239			0.29	0.58	0.29	2.059	7.100		f					
			0.00	240			0.58	0.71	0.13	0.846	6.508		c					
			0.00	241			0.71	0.84	0.13	0.629	4.838		f					
Tot/Avg			1.00					0.90	5.69	6.324	90.0		42.89	1.06	4.70	0.80	5.692	
43	84.00	85.60	1.60	242	11	2	0.87	1.00	0.13	0.467	3.592		f					
			0.00	243	11	3	0.00	0.17	0.17	0.855	5.029		c					
			0.00	244			0.17	0.37	0.20	0.698	3.490		f					
			0.00	245			0.37	0.50	0.13	0.660	5.077		f					
			0.00	246			0.50	0.67	0.17	0.905	5.324		f					
			0.00	247			0.67	0.97	0.30	1.980	6.600		f					
Tot/Avg			1.60					1.10	5.57	5.059	68.8		44.01	1.56	3.71	0.82	5.565	
44	85.60	87.00	1.40	248	11	4	0.00	0.22	0.22	1.361	6.186		c					
			0.00	249			0.22	0.42	0.20	0.806	4.030		f					
			0.00	250			0.42	0.53	0.11	0.272	2.473		f					
			0.00				0.53	0.79	0.26	1.707	6.565		f					
			0.00	251			0.79	0.81	0.02		0.000		gap					
Tot/Avg			1.40					0.81	4.15	5.119	57.9		44.13	0.01	3.71	0.66	4.146	
45	87.00	90.00	3.00	252	11	4	0.83	1.00	0.17	0.664	3.906		gap					
			0.00	253	11	5	0.00	0.11	0.11	0.622	5.655		f					
			0.00	254			0.11	0.21	0.10	0.668	6.680		f					
			0.00	255			0.21	0.36	0.15	0.620	4.133		f					
			0.00	256			0.36	0.69	0.33	2.279	6.906		f					
			0.00	257			0.69	0.75	0.06	0.666	11.100		f					
			0.00	258			0.75	1.00	0.25	1.400	5.600		c					
			0.00	259	12	1	0.00	0.20	0.20	0.941	4.705		f					
			Tot/Avg			3.00					1.37	7.86	5.737	45.7		43.50	2.36	6.53
46	90.00	91.70	1.70	260	12	1	0.22	0.36	0.14	0.507	3.621		f					
			0.00	261			0.36	0.61	0.25	1.757	7.028		c					
			0.00	262			0.61	0.77	0.16	1.025	6.406		c					
			0.00	263			0.77	0.85	0.08	0.243	3.038		f					
			0.00	264			0.85	1.00	0.15	0.741	4.940		f					
			0.00	265	12	2	0.00	0.27	0.27	1.778	6.585		f					
			0.00	266			0.27	0.72	0.45	3.469	7.709		c					
			0.00	267			0.72	0.76	0.04	0.322	8.050		f					
			0.00	268			0.76	0.87	0.11	0.786	7.145		c					
			0.00	269			0.87	0.98	0.11	0.737	6.700		c					
			Tot/Avg			1.70					1.76	11.37	6.457	103.5		43.43	1.39	5.57
47	91.70	93.00	1.30	270	12	3	0.00	0.65	0.65	5.114	7.868		c					
			0.00	271			0.65	1.00	0.35	2.499	7.140		c					
			0.00	272	12	4	0.00	0.13	0.13	0.829	6.377		f					
			0.00	273			0.13	0.34	0.21	1.380	6.571		c					
			0.00	274			0.34	0.42	0.08	0.595	7.438		f					
Tot/Avg			1.30					1.42	10.42	7.336	109.2		43.34	0.68	7.41	0.40	10.417	

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Core Log Sheet

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Run No.	Intercuts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)				Reprov. %	Descr.	Assays				Mass kg		
	From	To	Lnth.				From	To	Lnth.	Mass (kg)			Kg/m	MgO %	Fe ₂ O ₃ %	SiO ₂ %		CaO %	
48	93.00	94.60	1.60	275			0.45	0.82	0.37	2.877	7.776								
			0.00				0.82	0.86	0.04		0.000								
			0.00	277			0.86	1.00	0.14	0.832	5.943								
			0.00	278	12	5	0.00	0.22	0.22	1.600	7.273								
			0.00	279			0.22	0.46	0.24	2.225	9.271								
			0.00	280			0.46	0.63	0.17	1.042	6.129								
			0.00	281			0.63	0.73	0.10	0.812	8.120								
			0.00	282			0.73	0.84	0.11	0.763	6.936								
			0.00	283			0.84	1.00	0.16	1.450	9.063								
			0.00	284	13	1	0.00	0.14	0.14	0.378	2.700								
Tot/Avg			1.00						1.89	11.98	7.088	105.6		42.01	0.01	9.45	0.46		11.979
49	94.60	96.00	1.40	285	13	1	0.17	0.93	0.76	6.008	7.905								
			0.00				0.93	1.00	0.07		0.000								
			0.00	286	13	2	0.00	0.62	0.62	4.869	7.853								
			0.00	287			0.62	0.70	0.08	0.581	7.263								
Tot/Avg			1.40						1.53	11.48	7.489	109.3		40.77	0.01	4.78	5.93		11.458
50	96.00	97.60	1.60	288	13	2	0.73	1.00	0.27	1.848	6.844								
			0.00	289	13	3	0.00	0.61	0.61	4.640	7.607								
			0.00	290			0.61	1.00	0.39	3.011	7.721								
			0.00	291	13	4	0.00	0.14	0.14	0.980	7.000								
			0.00	292			0.14	0.27	0.13	0.849	6.531								
			0.00	293			0.27	0.49	0.22	1.661	7.550								
Tot/Avg			1.80						1.76	12.99	7.380	110.0		43.94	0.00	5.40	1.59		12.989
51	97.60	99.00	1.40	294	13	4	0.53	0.66	0.13	0.537	4.131								
			0.00	295			0.66	0.95	0.29	2.023	6.976								
			0.00				0.95	1.00	0.05		0.000								
			0.00	296	13	5	0.00	0.08	0.08	0.417	5.213								
			0.00	297			0.08	0.37	0.29	2.126	7.331								
			0.00	298			0.37	0.43	0.06	0.323	5.383								
Tot/Avg			1.40						0.90	5.43	8.029	84.3		44.00	1.89	5.27	0.35		6.428
52	99.00	102.00	3.00	299	13	5	0.46	0.72	0.26	1.585	6.096								
			0.00	300			0.72	0.97	0.25	1.686	6.744								
Tot/Avg			3.00						0.51	3.27	6.414	17.0		39.12	10.91	4.81	0.41		3.271
53	102.00	104.30	2.30	301	14	1	0.00	0.08	0.08	0.288	3.600								
			0.00	302			0.08	0.17	0.09	0.531	5.900								
			0.00	303			0.17	0.28	0.11	0.547	4.973								
			0.00	304			0.28	0.40	0.12	0.838	6.983								
			0.00	305			0.40	0.48	0.08	0.623	7.788								
			0.00	306			0.48	0.61	0.13	0.832	6.400								
			0.00	307			0.61	0.82	0.21	1.025	4.881								
			0.00	308			0.82	1.00	0.18	0.863	4.794								
			0.00	309	14	2	0.00	0.14	0.14	0.831	5.936								
			0.00	310			0.14	0.28	0.14	1.014	7.243								
			0.00	311			0.28	0.47	0.19	0.931	4.900								
Tot/Avg			2.30						1.47	8.32	5.982	83.9		43.16	3.83	4.47	0.35		8.323
54	104.30	105.00	0.70	312	14	2	0.49	0.58	0.09	0.335	3.722								
			0.00	313			0.58	0.73	0.15	0.860	5.733								
			0.00	314			0.73	1.00	0.27	1.830	6.778								
			0.00	315	14	3	0.00	0.11	0.11	0.344	3.127								
			0.00	316			0.11	0.31	0.20	1.429	7.145								
			0.00	317			0.31	0.42	0.11	0.398	3.618								
Tot/Avg			0.70						0.83	5.20	5.687	132.9		43.65	1.58	7.10	0.34		6.198

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Core Log Sheet

Hole No AR-7

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays								
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg				
55	105.00	106.60	1.60	318	14	3	0.45	0.55	0.10	0.699	6.990		c									
			0.00	319			0.55	0.64	0.09	0.740	8.222		c									
			0.00	320			0.64	0.82	0.18	0.640	3.556		f									
			0.00	321			0.82	1.00	0.18	0.761	4.228		f									
			0.00	322	14	4	0.00	0.25	0.25	1.748	6.992		c									
			0.00	323			0.25	0.50	0.25	1.805	7.220		c									
			0.00	324			0.50	0.72	0.22	1.229	5.586		f									
			0.00	325			0.72	0.94	0.22	1.610	7.318		c									
			0.00	326			0.94	1.00	0.06	0.199	3.317		f									
			0.00	327	14	5	0.00	0.20	0.20	1.037	5.185		f									
0.00	328			0.20	0.33	0.13	0.942	7.246		c												
TotlAvg			1.60					1.88	11.41	6.069	117.5			44.31	1.46	8.38	0.44		11.410			
56	106.60	108.00	1.40	329	14	5	0.35	0.69	0.34	2.640	7.765		c									
			0.00	330			0.69	0.82	0.13	0.904	6.954		c									
			0.00	331			0.82	1.00	0.18	1.070	5.944		c									
			0.00	332	15	1	0.00	0.20	0.20	0.993	4.965		c									
			0.00	333			0.20	0.28	0.08	0.440	5.500		f									
			0.00	334			0.28	0.42	0.14	0.934	6.671		c									
			0.00	335			0.42	0.70	0.28	1.815	6.482		c									
			0.00	336			0.70	0.82	0.12	0.968	8.067		f									
			TotlAvg			1.40					1.47	8.76	6.642	105.0			43.48	1.87	7.70	0.36		9.764
			57	108.00	111.00	3.00	337	15	1	0.85	1.00	0.15	0.995	6.633		f						
0.00	338	15				2	0.00	0.19	0.19	1.107	5.826		f									
0.00	339						0.19	0.53	0.34	2.105	6.191		f									
0.00	340						0.53	0.83	0.30	1.396	4.653		c									
0.00	341						0.83	1.00	0.17	1.543	9.076		f									
0.00	342	15				3	0.00	0.12	0.12	0.551	4.592		f									
0.00	343						0.12	0.27	0.15	0.870	5.800		f									
TotlAvg						3.00					1.42	8.67	6.033	47.3			42.90	2.78	7.71	0.37		8.587
58	111.00	113.00	2.00	344	15	3	0.27	0.38	0.11	0.163	1.482		f									
			0.00	345			0.38	0.52	0.14	0.834	5.957		c									
			0.00	346			0.52	0.97	0.45	3.258	7.240		c & gap									
			0.00	347	15	4	0.00	0.50	0.50	3.637	7.274		c									
			0.00	348			0.50	0.85	0.35	2.646	7.560		c									
			0.00	349			0.85	1.00	0.15	0.824	5.493		f									
			0.00	350	15	5	0.00	0.10	0.10	2.340	23.400		f									
			TotlAvg			2.00					1.80	13.70	7.612	90.0			45.43	1.22	6.74	0.33		13.702
59	113.00	114.00	1.00	351	15	5	0.13	0.25	0.12	0.436	3.633		f									
TotlAvg			1.00						0.12	0.44	3.633	12.0			41.88	3.27	9.47	0.37	0.438			
60	114.00	115.60	1.60	352	15	5	0.27	0.37	0.10	0.523	5.230		f									
			0.00	353			0.37	0.48	0.11	0.674	6.127		c									
			0.00	354			0.48	0.71	0.23	1.414	6.148		c									
			0.00	355			0.71	0.83	0.12	1.118	9.317		f									
			0.00	356			0.83	1.00	0.17	0.774	4.553		c									
			0.00	357	16	1	0.00	0.12	0.12	0.565	4.708		c									
			0.00	358			0.12	0.30	0.18	1.373	7.628		c									
			0.00	359			0.30	0.39	0.09	0.525	5.833		f									
			0.00	360			0.39	0.52	0.13	1.102	8.477		f									
			0.00	361			0.52	0.64	0.12	0.599	4.992		f									
			0.00	362			0.64	0.80	0.16	1.154	7.213		c									
0.00	363			0.80	0.98	0.18	1.381	7.672		f												
TotlAvg			1.60					1.71	11.20	8.661	108.0			43.88	1.41	6.83	0.42		11.202			

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Core Log Sheet

Hole No AR-7

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
61	115.60	117.00	1.40	364	16	2	0.00	0.23	0.23	0.895	3.891		f						
			0.00	365			0.23	0.43	0.20	1.325	6.625		c						
			0.00	366			0.43	0.56	0.13	0.899	6.915		f						
			0.00	367			0.56	0.68	0.12	0.630	5.250		f						
			0.00	368			0.68	0.83	0.15	0.840	5.600		f						
			0.00	369			0.83	1.00	0.17	0.864	5.082		f						
			0.00	370	16	3	0.00	0.34	0.34	2.372	6.976		c						
			0.00	371			0.34	0.56	0.22	1.500	6.818		f						
Tot/Avg			1.40						1.66	8.33	5.978	111.4			44.07	1.20	5.84	0.34	9.325
62	117.00	118.30	1.30	372	16	3	0.59	0.91	0.32	2.505	7.828		c						
			0.00	373			0.91	1.00	0.09	0.297	3.300		f						
			0.00	374	16	4	0.00	0.17	0.17	0.697	4.100		c						
			0.00	375			0.17	0.23	0.06	0.322	5.367		f						
			0.00	376			0.23	0.38	0.15	0.990	6.600		f						
			0.00	377			0.38	0.59	0.21	1.259	5.995		f						
			0.00	378			0.59	0.73	0.14	0.924	6.600		f						
			0.00	379			0.73	0.89	0.16	0.187	1.169		f						
Tot/Avg			1.30						1.30	7.18	5.524	100.0			42.57	1.66	8.88	0.33	7.181

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NO. 72 P. 12/20

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Core Log Sheet

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Assays

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Xg/m	Recov. %	Descr.	MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg				
	From	To	Lnth.				From	To	Lnth.													
63	118.30	119.90	1.60	380	17	1	0.00	0.07	0.07	0.219	3.129	f										
			0.00	381			0.07	0.50	0.43	2.932	6.819	c										
			0.00	382			0.50	0.73	0.23	2.121	9.222	f										
			0.00	383			0.73	0.92	0.19	1.267	6.668	c										
			0.00	384			0.92	1.00	0.08	0.393	4.913	f										
			0.00	385			1.00	0.32	0.32	2.141	6.691	c										
			0.00	386	17	2	0.32	0.72	0.40	3.054	7.635	c										
Tot/Avg			1.60					1.72	12.13	7.051	107.5		45.11	0.75	5.48	0.96	12.127					
64	119.90	121.50	1.60	387	17	2	0.72	1.00	0.28	1.858	6.636	c										
			0.00	388			17	3	0.00	0.38	0.38	3.290	8.658	c								
			0.00	389			0.38	0.71	0.33	2.708	8.206	c										
			0.00	390			0.71	1.00	0.29	2.100	7.241	c										
			0.00	391			1.00	0.38	0.38	2.754	7.247	c										
Tot/Avg			1.60					1.66	12.71	7.657	103.8		44.81	0.78	5.32	1.24	12.710					
65	121.50	123.00	1.50	392	17	4	0.38	0.70	0.32	2.315	7.234	c										
			0.00	393			0.70	1.00	0.30	2.283	7.610	c										
			0.00	394			17	5	0.00	0.38	0.38	2.988	7.863	c								
			0.00	395			0.38	0.60	0.22	1.684	7.655	c										
			0.00	396			0.60	0.73	0.13	0.787	6.054	f										
			0.00	397			0.73	0.88	0.15	0.932	6.213	c										
			0.00	398			0.88	1.00	0.12	0.779	6.492	f										
Tot/Avg			1.50					1.62	11.77	7.264	108.8		45.66	0.79	2.65	1.14	11.768					
66	123.00	124.60	1.60	399	18	1	0.00	0.30	0.30	2.166	7.220	f										
			0.00	400			0.30	0.68	0.38	2.305	6.066	c										
			0.00	401			0.68	1.00	0.32	2.581	8.066	f										
			0.00	402			1.00	0.47	0.47	3.532	7.515	c										
Tot/Avg			1.60					1.47	10.58	7.200	91.9		45.13	0.51	4.32	0.85	10.581					
67	124.60	126.00	1.40	403	18	2	0.47	1.00	0.53	4.218	7.958	c										
			0.00	404			18	3	0.00	0.57	0.57	4.461	7.826	c								
			0.00	405			0.57	0.81	0.24	1.489	6.204	f										
Tot/Avg			1.40					1.34	10.17	7.588	95.7		44.38	0.36	3.40	2.00	10.168					
68	126.00	127.70	1.70	406	18	3	0.81	1.00	0.19	0.908	4.779	f										
			0.00	407			18	4	0.00	0.20	0.20	1.936	9.680	f								
			0.00	408			0.20	0.33	0.13	0.777	5.977	c										
			0.00	409			0.33	0.38	0.05	0.605	12.100	f										
			0.00	410			0.38	0.49	0.11	0.841	7.645	c										
			0.00	411			0.49	0.63	0.14	1.132	8.086	f										
			0.00	412			0.63	1.00	0.37	2.801	7.570	c										
0.00	413	1.00	0.50	0.50	2.985	5.970	f															
Tot/Avg			1.70					1.63	11.99	7.092	99.4		41.92	0.77	5.14	3.68	11.985					
69	127.70	129.00	1.30	414	19	1	0.60	0.66	0.16	0.461	2.881	f										
			0.00	415			0.66	1.00	0.34	2.595	7.632	c										
			0.00	416			19	2	0.00	0.30	0.30	1.644	5.480	f								
			0.00	417			0.30	0.66	0.36	2.282	6.339	f										
			0.00	418			0.66	1.00	0.34	1.092	3.212	f										
Tot/Avg			1.30					1.50	8.07	5.383	115.4		43.04	1.05	4.82	2.18	8.074					

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Core Log Sheet

Hole No AR-7

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
70	129.00	130.60	1.60	419	19	3	0.00	0.27	0.27	1.785	6.611	c						
			0.00	420			0.27	0.40	0.13	0.823	6.331	f						
			0.00	421			0.40	0.70	0.30	2.075	6.917	c						
			0.00	422	19	4	0.70	1.00	0.30	1.553	5.177	c						
			0.00	423			0.00	0.20	0.20	1.019	5.095	f						
			0.00	424			0.20	0.30	0.10	0.719	7.190	c						
			0.00	425			0.30	0.60	0.30	1.704	5.680	f						
			0.00	426			0.60	1.00	0.40	1.888	4.720	f						
Tot/Avg			1.80				2.00	11.67	5.783	125.0		41.96	5.03	4.37	0.43	11.666		
71	130.60	132.00	1.40	427	20	1	0.00	0.10	0.10	0.000	0.000	cav						
			0.00	428			0.10	0.50	0.40	1.877	4.693	f						
			0.00	429			0.50	0.60	0.10	0.602	6.020	c						
			0.00	429			0.60	1.00	0.40	2.570	6.425	f						
Tot/Avg			1.40				1.00	5.05	5.049	71.4		42.16	4.48	4.36	0.53	5.049		
72	132.00	133.50	1.50	430	20	2	0.00	0.32	0.32	1.275	3.984	f						
			0.00	431			0.32	0.64	0.32	1.791	5.597	f						
			0.00	432			0.64	0.84	0.20	1.301	6.505	c						
			0.00	433			0.84	0.90	0.06	0.278	4.633	f						
			0.00	434	20	3	0.90	1.00	0.10	0.575	5.750	c						
			0.00	435			0.00	0.47	0.47	3.084	6.562	c						
			0.00	436			0.47	0.80	0.33	1.625	4.924	f						
			0.00	437			0.80	1.00	0.20	0.862	4.310	c						
Tot/Avg			1.50				2.00	10.79	5.396	133.3		38.71	6.45	11.65	0.37	10.791		
73	133.50	135.00	1.50	438	20	4	0.00	0.26	0.26	0.584	2.246	f						
			0.00	439			0.26	0.52	0.26	0.811	3.119	f						
			0.00	440			0.52	0.75	0.23	1.278	5.557	f						
			0.00	441			0.75	1.00	0.25	1.523	6.092	c						
			0.00	442	20	5	0.00	0.09	0.09	0.534	5.933	f						
			0.00	443			0.09	0.24	0.15	1.271	8.473	c						
			0.00	444			0.24	0.31	0.07	0.542	7.743	f						
			0.00	445			0.31	0.50	0.19	1.192	6.274	c						
0.00	446	0.50	1.00	0.50	1.521	3.042	f											
Tot/Avg			1.50				2.00	9.25	4.628	133.3		38.18	6.87	11.66	0.63	9.256		
74	135.00	136.60	1.60	447	21	1	0.00	0.38	0.38	1.837	5.103	c						
			0.00	448			0.38	0.65	0.29	1.464	5.048	f						
			0.00	449			0.65	0.84	0.19	1.703	8.963	c						
			0.00	450			0.84	1.00	0.16	1.164	7.275	f						
			0.00	451	21	2	0.00	0.23	0.23	1.540	6.696	f						
			0.00	452			0.23	0.44	0.21	1.641	7.814	c						
			0.00	453			0.44	0.54	0.10	0.673	6.730	f						
			0.00	454			0.54	0.72	0.18	0.981	5.450	c						
Tot/Avg			1.60				1.72	11.00	6.397	197.5		40.45	2.48	11.10	0.25	11.003		

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Core Log Sheet

Hole No AR-7

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Run No.	Intercuts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg			
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %				
75	136.60	138.00	1.40	455	21	2	0.72	0.90	0.18	1.401	7.783		c								
			0.00	456			0.90	1.00	0.10	0.313	3.130		f								
			0.00	457	21	3	0.00	0.18	0.18	0.700	3.869		f								
			0.00	458			0.18	0.46	0.28	2.008	7.171		c								
			0.00	459			0.46	0.52	0.06	0.703	11.717		f								
			0.00	460			0.52	0.66	0.14	0.780	5.571		c								
			0.00	461			0.66	0.78	0.12	0.869	7.242		f								
			0.00	462			0.78	1.00	0.22	1.451	6.595		c								
			0.00	463	21	4	0.00	0.45	0.45	1.679	3.731		f								
			0.00	464			0.45	0.58	0.13	1.036	7.969		c								
Tot/Avg			1.40					1.86	10.94	5.882	132.9			41.92	0.64	10.86	0.28	10.940			
76	138.00	139.60	1.60	465	21	4	0.58	0.80	0.22	1.390	6.318		f								
			0.00	466			0.80	0.10	-0.70	1.218	-1.740		f								
			0.00	467	21	5	0.00	0.32	0.32	1.591	4.972		f								
			0.00	468			0.32	0.55	0.23	1.582	6.878		f								
			0.00	469			0.55	0.95	0.40	3.510	8.795		c								
			0.00	470			0.95	1.00	0.05	0.229	4.560		f								
			0.00	471	22	1	0.00	0.27	0.27	1.854	6.867		f								
			0.00	472			0.27	0.46	0.19	1.061	5.584		f								
			Tot/Avg			1.60					0.98	12.44	12.697	61.3			43.73	1.33	6.06	0.32	12.443
			77	139.60	141.00	1.40	473	22	1	0.46	0.70	0.24	1.465	6.104		c					
0.00	474						0.70	0.90	0.20	1.807	9.035		c								
0.00	475						0.90	1.00	0.10	0.500	5.000		f								
0.00	476	22				2	0.00	0.11	0.11	0.790	7.182		c								
0.00	477						0.11	0.58	0.47	3.151	6.704		f								
0.00	478						0.58	0.90	0.32	2.215	6.922		c								
0.00	479						0.90	1.00	0.10	0.328	3.280		f								
0.00	480	22				3	0.00	0.15	0.15	0.631	5.540		c								
Tot/Avg						1.40					1.69	11.09	6.660	120.7			41.78	1.00	5.74	0.36	11.087
78	141.00	142.60				1.60	481	22	3	0.15	0.50	0.35	2.120	6.057		c					
			0.00	482			0.50	0.70	0.20	1.464	7.320		f								
			0.00	483			0.70	0.80	0.10	0.795	7.950		c								
			0.00	484			0.80	1.00	0.20	1.032	5.160		f								
			0.00	485	22	4	0.00	0.26	0.26	1.791	6.888		c								
			0.00	486			0.26	0.54	0.28	2.404	8.586		c								
			0.00	487			0.54	0.73	0.19	0.901	4.742		f								
			0.00	488			0.73	0.87	0.14	1.016	7.257		c								
			0.00	489			0.87	1.00	0.13	0.570	4.385		f								
			Tot/Avg			1.60					1.85	12.09	6.637	116.6			42.80	0.57	6.93	0.30	12.093
79	142.60	144.00	1.40	490	22	5	0.00	0.40	0.40	2.589	6.473		c								
			0.00	491			0.40	0.56	0.16	0.824	5.150		f								
			0.00	492			0.56	1.00	0.44	3.549	8.068		c								
			0.00	493	23	1	0.00	0.35	0.35	2.155	6.157		c								
			0.00	494			0.35	0.64	0.29	1.997	6.886		f								
Tot/Avg			1.40					1.64	11.11	6.777	117.1			44.10	0.99	5.83	0.33	11.114			

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Core Log Sheet

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
87	154.00	156.00	1.20	528	25	1	0.67	1.00	0.33	0.492	1.491		f					
			0.00	529	25	2	0.00	0.21	0.21	0.873	4.157		f					
			0.00	530			0.21	0.38	0.17	0.850	5.000		c					
			0.00	531			0.38	0.66	0.28	2.378	8.493		f					
			0.00	532			0.66	1.00	0.34	1.910	5.618		f					
			0.00	533	25	3	0.00	0.32	0.32	1.333	4.166		f					
Tot/Avg			1.20					1.65	7.84	4.749	137.5		45.41	0.81	5.39	0.20	7.836	
88	156.00	159.00	3.00	534	25	3	0.32	0.86	0.54	2.329	4.313		f					
			0.00	535			0.86	1.00	0.14	0.656	4.686		c					
			0.00	536	25	4	0.00	0.62	0.62	1.861	3.002		f					
Tot/Avg			3.00					1.30	4.85	3.728	43.3		39.14	6.12	8.20	0.34	4.846	
89	159.00	162.00	3.00		25	4	0.00	0.00	0.00	0.000	0.000		cav					
Tot/Avg			3.00					0.00	0.00	0.000	0.0						0.000	
90	162.00	165.00	3.00		25	4	0.00	0.00	0.00	0.000	0.000		cav					
			0.00	537			0.72	1.00	0.28	1.382	4.936		f					
			0.00	538	25	5	0.00	0.43	0.43	2.758	6.414		f					
			0.00	539			0.43	0.67	0.24	1.486	6.108		c					
			0.00	540			0.67	1.00	0.33	1.185	3.581		f					
Tot/Avg			3.00					1.70	6.79	3.305	42.7		41.28	1.67	8.08	0.27	6.791	
91	165.00	167.30	2.30	541	26	1	0.00	0.17	0.17	0.484	2.847		c					
			0.00	542			0.17	0.44	0.27	1.358	5.030		f					
			0.00	543			0.44	0.64	0.20	1.237	6.195		f					
			0.00	544			0.64	1.00	0.36	2.219	6.164		f					
			0.00	545	26	2	0.00	0.10	0.10	0.311	3.110		f					
			0.00	546			0.10	0.44	0.34	2.528	7.435		c					
			0.00	547			0.44	0.60	0.22	1.196	5.436		f					
			0.00	548			0.66	0.84	0.18	1.509	8.370		f					
Tot/Avg			2.30					1.84	10.84	8.892	80.0		42.03	3.42	7.86	0.17	10.541	
92	167.30	169.00	0.70	549	26	2	0.84	1.00	0.16	0.542	3.388		f					
			0.00	550	26	3	0.00	0.27	0.27	0.507	1.878		f					
			0.00	551			0.27	0.58	0.31	1.287	4.152		f					
			0.00	552			0.58	0.77	0.19	1.208	6.358		c					
			0.00	553			0.77	1.00	0.23	1.264	5.496		f					
			0.00	554	26	4	0.00	0.26	0.26	1.493	5.742		f					
Tot/Avg			0.70					1.42	8.30	4.437	202.9		41.43	2.41	9.74	0.21	6.301	
93	169.00	169.60	1.60	555	26	4	0.26	0.73	0.47	2.612	5.557		f					
			0.00	556			0.73	1.00	0.27	1.954	7.237		f					
			0.00	557	26	5	0.00	0.38	0.39	2.774	7.300		f					
			0.00	558			0.38	0.65	0.47	3.177	6.780		c					
			0.00	559			0.65	1.00	0.15	1.152	7.690		f					
Tot/Avg			1.60					1.74	11.67	6.706	198.8		41.75	0.81	12.55	0.18	11.669	
94	169.60	171.00	1.40	560	27	1	0.00	0.16	0.16	0.952	2.200		f					
			0.00	561			0.16	0.43	0.27	1.736	6.430		c					
			0.00	562			0.43	0.80	0.37	2.359	6.373		f					

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Core Log Sheet

Hole No AR-7

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
95	171.00	172.60	1.60	565	27	2	0.62	1.00	0.38	2.531	6.661		c					
			0.00	566	27	3	0.00	1.00	1.00	7.899	7.899		c					
			0.00	567	27	4	0.00	0.42	0.42	3.382	8.052		c					
			Tot/Avg		1.60					1.80	13.81	7.673	112.5			39.82	0.20	13.22
96	172.60	174.00	1.40	568	27	4	0.42	1.00	0.58	4.440	7.655		c					
			0.00	569	27	5	0.00	0.90	0.90	7.168	7.964		c					
			0.00				0.90	1.00	0.10		0.000			gap				
			Tot/Avg		1.40					1.58	11.61	7.247	112.9			35.55	0.37	18.04
97	174.00	175.60	1.50	570	28	1	0.00	0.14	0.14	1.084	7.743		f					
			0.00	571				0.14	1.00	0.86	7.254	8.435		c				
			0.00	572	29	2	0.00	0.08	0.08	0.145	1.813		f					
			0.00	573			0.08	0.28	0.20	1.588	7.990		c					
			0.00	574			0.28	0.74	0.46	3.633	7.898		c					
			Tot/Avg				1.50				1.74	13.71	7.082	108.8				39.54
98	175.60	177.00	1.40	575	28	2	0.74	1.00	0.26	2.057	7.912		c					
			0.00	576			3	0.00	0.18	0.18	1.064	5.911		c				
			0.00	577	29	3	0.18	1.00	0.82	6.604	8.127		c					
			0.00	578			4	0.00	0.20	0.20	1.987	9.935		f				
Tot/Avg		1.40					1.46	11.77	8.083	104.3				36.72	1.08	13.87	6.15	11.772
99	177.00	178.60	1.00	579	28	4	0.20	0.70	0.50	3.038	6.076		c					
			0.00	580				0.70	1.00	0.30	1.764	5.880		f				
			0.00	581	29	1	0.00	0.50	0.50	3.060	6.160		f					
			0.00	582			0.50	0.74	0.24	1.050	4.375		c					
			0.00	583			0.74	1.00	0.26	2.261	8.696		f					
			0.00	584			2	0.00	0.16	0.16	0.557	3.481		f				
Tot/Avg		1.50					1.96	11.75	5.995	122.5				40.37	0.74	13.57	8.15	11.750
100	178.60	180.00	1.40	585	29	2	0.16	0.50	0.34	0.925	2.721		f					
			0.00	586				0.50	1.00	0.50	3.353	6.708		c				
			0.00	587	30	3	0.00	0.20	0.20	1.287	6.435		c					
			0.00	588			0.20	0.39	0.19	1.442	7.589		f					
			0.00	589			0.39	0.67	0.28	2.294	8.193		c					
			0.00	590	31	4	0.67	0.85	0.18	0.793	4.406		f					
			0.00	591			0.85	1.00	0.15	0.770	5.133		c					
			0.00	592			4	0.00	0.10	0.10	0.506	5.060		f				
			Tot/Avg				1.40					1.84	11.37	5.861	130.6			
101	180.00	181.60	1.00	593	29	4	0.10	0.34	0.24	1.532	6.383		c					
			0.00	594				0.34	0.60	0.26	1.162	4.489		c				
			0.00	595	30	5	0.60	0.76	0.16	1.486	9.288		f					
			0.00	596			0.76	0.90	0.14	0.654	4.671		c					
			0.00	597			0.90	1.00	0.10	0.329	3.290		f					
			0.00	598			0.00	0.55	0.55	4.070	7.400		f					
			0.00	599			0.55	0.72	0.17	1.231	7.241		c					
			0.00	600			0.72	1.00	0.28	1.168	4.171		f					
			0.00	601	31	1	0.00	0.16	0.16	0.471	2.944		f					
			0.00	602			0.16	0.39	0.23	1.731	7.528		c					
			0.00	603	32	2	0.39	1.00	0.61	3.378	5.539		f					
			0.00	604			0.00	0.57	0.57	2.075	3.640		f					
Tot/Avg		1.60					3.47	19.29	5.559	216.9				42.76	0.61	8.73	8.28	19.287

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Core Log Sheet

Hole No. **AT-7**

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Run No.	Intervals (m)		Lab.	Bag No.	Trey No.	Run No.	Actual Lengths (m)			Mass (kg)	Kgrm	Recov. %	Descr.	ASSAYS				
	From	To					From	To	Emh.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg
102	183.00	184.60	1.60	605	30	2	0.57	0.70	0.13	0.391	3.008		f					
			0.00	606			0.70	1.00	0.30	2.202	7.340		c					
			0.00	607		3	0.00	0.37	0.37	2.160	5.838		f					
			0.00	608			0.37	0.70	0.33	1.683	5.100		f					
			0.00	609			0.70	1.00	0.30	1.991	6.637		f					
			0.00	610			0.00	0.31	0.31	1.060	3.419		f					
Totl Avg			1.60					1.74	9.48	6.482	108.8		30.07	0.93	21.14	7.98	9.687	
103	184.60	186.00	1.40	611	30	4	0.31	0.58	0.27	1.469	5.441		f					
			0.00	612			0.58	1.00	0.42	2.806	6.681		c					
			0.00	613		5	0.00	0.27	0.27	1.648	6.104		c					
			0.00	614			0.27	0.53	0.26	1.211	4.650		f					
Totl Avg			1.40					1.22	7.13	8.548	87.1		24.69	0.60	22.27	8.63	7.134	
104	186.00	187.60	1.60	615	30	5	0.53	0.74	0.21	1.211	5.767		c					
			0.00	616			0.74	1.00	0.26	1.599	6.150		f					
			0.00	617		31	1	0.00	0.72	0.72	4.600	6.389		c				
			0.00	618				0.72	1.00	0.28	1.582	5.650		f				
			0.00	619		2	0.00	0.44	0.44	3.355	7.625		c					
Totl Avg			1.60					1.81	12.16	6.164	119.4		38.44	0.64	16.01	4.10	12.347	
105	187.60	189.00	1.40	620	31	2	0.44	0.75	0.31	2.363	7.623		c					
			0.00	621			0.75	0.88	0.13	0.276	2.123		f					
			0.00	622		3	0.88	1.00	0.12	1.021	8.508		c					
			0.00	623				0.00	0.45	0.45	3.019	6.709		c				
			0.00	624				0.45	0.60	0.35	1.428	4.090		f				
Totl Avg			1.40					1.88	8.17	6.961	87.1		42.06	0.73	15.6	1.00	6.107	
106	189.00	190.60	1.50	625	31	3	0.80	1.00	0.20	0.739	3.695		f					
			0.00	626			4	0.00	0.10	0.10	0.745	7.450		f				
			0.00	627		5	0.10	0.60	0.50	3.503	7.006		c					
			0.00	628				0.60	1.00	0.40	3.149	7.873		c				
			0.00	629				0.00	0.58	0.58	4.603	7.836		c				
Totl Avg			1.50					1.73	12.74	7.187	111.2		48.67	0.23	11.23	3.70	12.735	
107	190.60	192.00	1.40	630	31	5	0.58	1.00	0.42	2.391	5.693		c					
			0.00	631			32	1	0.00	0.56	0.56	4.031	7.188		c			
			0.00	632		2	0.56	1.00	0.44	3.064	6.964		c					
			0.00	633				0.00	0.40	0.40	2.898	7.245		c				
Totl Avg			1.40					1.62	12.58	6.604	130.8		38.16	0.66	11.19	6.18	12.384	
108	192.00	193.60	1.60	634	32	2	0.40	1.00	0.60	3.184	5.307		c					
			0.00	635			3	0.00	0.34	0.34	2.294	6.747		c				
			0.00	636		4	0.34	0.66	0.32	2.121	6.628		f					
			0.00	637				0.66	1.00	0.34	2.322	6.829		f				
			0.00	638		4	0.16	0.16	0.16	0.714	4.463		f					
			0.00	639				0.16	0.34	0.18	1.341	7.450		c				
Totl Avg			1.60					1.94	11.98	6.173	121.3		40.89	0.16	13.69	2.96	11.976	
109	193.60	195.00	1.40	640	32	4	0.34	0.50	0.16	0.572	3.575		f					
			0.00	641			0.50	0.76	0.26	1.968	7.569		c					
			0.00	642		5	0.76	1.00	0.24	1.583	6.596		c					
			0.00	643				0.00	0.09	0.09	0.637	7.078		f				
			0.00	644		0.09	0.20	0.11	1.214	11.036		c						
			0.00	645				0.20	0.70	0.50	3.455	6.910		c				
0.00	646	0.70	1.00	0.30	1.616	5.387		f										
Totl Avg			1.40					1.66	11.08	6.684	118.6		39.34	0.74	12.11	4.75	11.998	

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Core Log Sheet

Note No AR-7

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	
110	195.00	196.60	1.60	647	33	1	0.00	0.36	0.36	2.219	6.164	f						
			0.00	648			0.36	0.70	0.34	2.195	6.456	f						
			0.00	649			0.70	1.00	0.30	1.562	5.207	f						
			0.00	650		2	0.00	0.30	0.30	1.883	6.277	f						
			0.00	651			0.30	0.64	0.34	2.006	5.900	f						
			0.00	652			0.64	0.82	0.18	1.109	6.161	c						
Tot/Avg			1.60					1.82	19.97	6.000	113.8		44.09	2.21	3.28	0.18	10.974	
111	196.60	198.00	1.40	653	33	2	0.82	1.00	0.18	0.639	3.550	f						
			0.00	654			3	0.00	0.18	0.18	1.324	7.356	f					
			0.00	655				0.18	0.30	0.12	0.797	6.642	c					
			0.00	656		4	0.30	0.56	0.26	1.678	6.454	c						
			0.00	657			0.56	1.01	0.44	2.463	5.598	f						
			0.00	658			0.00	0.35	0.35	2.065	5.900	f						
0.00	659	0.35	0.67	0.32	1.553	4.853	f											
Tot/Avg			1.40					1.85	10.92	5.684	132.1		42.93	2.19	5.25	0.24	10.519	
112	198.00	199.60	1.60	660	33	4	0.67	1.00	0.33	0.928	2.812	f						
			0.00	661			5	0.00	0.34	0.34	2.344	6.894	f					
			0.00	662		0.34		0.67	0.33	2.113	6.403	f						
			0.00	663		0.67		1.00	0.33	1.526	4.624	f						
			0.00	664		34	1	0.00	1.00	1.00	4.283	4.283	f					
Tot/Avg			1.60						2.33	11.19	4.804	145.6		43.93	2.59	3.33	0.33	11.194
113	199.60	201.00	1.40	665	34	2	0.00	0.20	0.20	1.298	6.490	c						
			0.00	666			0.20	0.32	0.12	0.651	5.425	f						
			0.00	667			0.32	0.65	0.33	2.314	7.012	c						
			0.00	668		3	0.65	1.00	0.35	2.154	6.154	f						
			0.00	669			0.00	0.16	0.16	1.183	7.269	f						
			Tot/Avg					1.40				2.18	7.58	6.534	82.9		42.35	4.08
114	201.00	202.60	1.60	670	34	3	0.16	0.44	0.28	1.718	6.136	f						
			0.00	671			0.44	1.00	0.56	3.187	5.691	c						
			0.00	672		4	0.00	0.40	0.40	3.639	9.098	f						
			0.00	673			0.40	1.00	0.60	2.837	4.728	f						
			Tot/Avg					1.60				1.84	11.38	6.185	115.0		46.15	1.62
115	202.60	204.00	1.40	674	34	5	0.00	0.16	0.16	1.003	6.269	f						
			0.00	675			0.16	0.53	0.37	2.808	7.589	c						
			0.00	676			0.53	1.00	0.47	3.301	7.023	f						
			0.00	677			0.00	0.53	0.53	3.129	5.904	f						
			Tot/Avg				1.40				1.53	10.24	6.693	109.3		44.77	1.81	2.49
116	204.00	205.60	1.60	678	35	1	0.53	0.75	0.22	0.908	4.127	f						
			0.00	679			0.75	1.00	0.25	1.236	4.944	c						
			0.00	680		2	0.00	0.54	0.54	3.093	5.728	f						
			0.00	681			0.54	0.73	0.19	1.198	6.305	c						
			Tot/Avg					1.60				1.20	6.44	5.363	75.0		40.18	2.72
117	205.60	207.00	1.40	682	35	2	0.73	1.00	0.27	1.134	4.200	c						
			0.00	683			3	0.00	0.20	0.20	1.279	6.395	c					
			0.00	684		0.20		0.25	0.05	0.596	11.920	f						
			0.00	685		0.25		0.90	0.65	4.846	7.455	c						
			0.00	686		4	0.90	1.00	0.10	1.122	11.220	f						
			0.00	687			0.00	0.35	0.35	1.458	4.166	f						
Tot/Avg			1.40					1.62	10.44	6.141	115.7		43.17	1.83	8.14	0.20	10.435	

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NO. 7 re P. 20/20

Core Log Sheet

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg	
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %		
118	207.00	208.60	1.60	688	35	4	0.35	1.00	0.65	3.174	4.883		f						
			0.00	689			5	0.00	0.35	0.35	2.661	7.603		f					
			0.00	690				0.35	0.63	0.28	2.199	7.854		f					
			0.00	691				0.63	0.92	0.29	1.998	6.890		c					
			0.00	692				0.92	1.00	0.08	0.315	3.938		f					
Tot/Avg			1.60					1.65	10.35	6.271	103.1		41.69	0.99	10.21	0.27	10.347		
119	208.60	210.00	1.40	693	36	1	0.00	0.26	0.26	1.462	5.623		f						
			0.00	694			0.26	0.84	0.58	3.771	6.502		c						
			0.00	695			0.84	1.00	0.16	0.383	2.394		f						
Tot/Avg			1.40					1.00	5.62	5.616	71.4		42.43	0.75	8.73	0.27	6.616		
120	210.00	211.70	1.70	696	36	2	0.00	0.17	0.17	0.669	3.935		f						
			0.00	697			0.17	0.56	0.39	2.337	5.992		c						
			0.00	698			0.56	0.70	0.14	0.959	6.850		f						
			0.00	699			0.70	1.00	0.30	2.097	6.990		c						
			0.00	700			1.00	0.22	0.22	1.263	5.741		f						
Tot/Avg			1.70					1.22	7.33	5.004	71.8		40.90	1.61	11.72	0.22	7.325		
121	211.70	213.00	1.30	701	36	3	0.22	0.61	0.39	1.332	3.415		f						
			0.00	702			0.61	1.00	0.39	1.913	4.905		f						
			0.00	703			1.00	0.51	0.51	2.870	5.627		f						
Tot/Avg			1.30					1.29	6.12	4.740	99.2		39.28	7.43	6.99	0.30	6.115		
122	213.00	214.60	1.60	704	36	4	0.51	0.74	0.23	0.855	3.717		f						
			0.00	705			0.74	0.90	0.16	1.024	6.400		c						
			0.00	706			0.90	1.00	0.10	0.416	4.160		f						
			0.00	707			1.00	0.10	0.10	0.323	3.230		f						
			0.00	708		5	0.10	0.38	0.28	2.129	7.604		c						
			0.00	709			0.38	0.58	0.20	1.067	5.335		f						
			0.00	710			0.58	0.82	0.24	1.561	6.504		c						
			0.00	711			0.82	1.00	0.18	0.585	3.250		f						
Tot/Avg			1.60					1.49	7.86	5.342	93.1		42.72	3.78	6.44	0.29	7.960		
123	214.60	216.00	1.40	712	37	1	0.00	0.25	0.25	0.695	2.780		f						
			0.00				0.25	0.27	0.02	0.000	0.000		cav						
Tot/Avg			1.40					0.27	0.70	2.674	19.3		38.96	9.53	3.41	0.30	0.695		
124	216.00	219.00	3.00	713	37	1	0.27	1.00	0.73	2.895	3.866		f						
			0.00	714			2	0.00	0.20	0.20	0.988	4.940		f					
			0.00					0.20	0.30	0.10	0.000	0.000		cav					
Tot/Avg			3.00					1.03	3.88	3.770	34.3		39.50	9.05	1.78	0.31	3.883		
125	219.00	221.30	2.30	715	37	2	0.30	1.00	0.70	3.543	5.061		f						
			0.00	716			3	0.00	0.37	0.37	1.910	5.162		f					
			0.00	717				0.37	0.73	0.36	2.467	6.853		f					
			0.00	718				0.73	1.00	0.27	1.495	5.537		f					
Tot/Avg			2.30					1.70	9.42	6.638	73.9		42.93	5.42	1.10	0.28	9.415		
126	221.30	222.00	0.70	719	37	4	0.00	0.68	0.68	1.575	2.316		f						
			0.00	720			0.68	1.00	0.32	0.905	2.828		f						
Tot/Avg			0.70					1.00	2.48	2.480	142.9		40.77	7.91	1.88	0.41	2.480		

571074

571075

Appx 3

DDH AR8

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: KL 8518

Diamond Drill, Tasmania

Co-ordinates: Azimuth: 319M 330 True
Inclination: -4.6°

Drillers: Faine
Drill Types: Long Bar 38
Commenced: 21 July 97
Completed: 28 July 97

Plan-Map Reference:
Depth: 169.6m
Casing Left:
Hole No.: AR 8
DPO No's:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by								
From (m)	To (m)	Rec (m)	Core Size							MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI	
0	12.6	open	h/clo		Alluvium clay with cobble													
					Mostly Buff White													
					% Cryptocryst Magnesite													
					Minerals in Sparry patches													
					sil Dol Mag													
12.6	13.6	3090	HQ		Alluvium to massive cream to white whipl mag													
13.6	14.5	3390			mixed yellow weathered white magnesite													
14.5	15.0	100%			massive cream to white whipl magnesite													
15.0	15.5	100%			"													
15.5	22.8				"													
22.8	23.0	100%			Yellow weather magnesite													
23.0	25.8				caustic													
25.8	26.1	50%			Yellow weather magnesite													
26.1	26.3	100%			cream massive magnesite													
26.3	28.3				caustic													
28.3	28.3	80%			Yellow/cream weather magnesite													
28.3	30.0				caustic													
30.0	31.3				brown sandy clay													
31.3	31.6	60%			cream magnesite associated in places - jointed													
31.6	33.0	78%			"													
33.0	34.1	100%			"													
34.1	37.0				caustic													
37.0	40.6	88%			cream massive magnesite													
40.6	40.8				caustic													
40.8	42.0	100%			cream massive magnesite													
42.0	43.6	100%			"													
					then white 50% white magnesite													
					with some brown magnesite													

571076

Co-ordinates: Azimuth: Drillers: Commenced: Depth: Hole No: 728
 RL Collar: Inclination: Drill Types: Completed: Casing Left: DPO No's:

Plan-Map Reference:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by										
From (m)	To (m)	Rec (%)	Core Size							MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI			
43.6	45.0	93%	HQ		white sparry whispy magnesite magnesite															
					Mostly Buff White % Cryptocryst Magnesite															
					Minerals in Sparry patches sil Dol Mag															
45.0	45.7	100%			cream massive whispy magnesite															
45.7	47.5				whispy magnesite cavity															
47.5	48.0	100%			cream massive magnesite whispy															
48.0	49.5	100%			" fractured place															
49.5	50.3				cavity															
50.3	51.0	100%			yellowish magnesite															
51.0	51.6	100%			white massive whispy magnesite															
51.6	52.5	100%			"															
52.5	54.0	100%			cream massive magnesite thin															
54.0	55.4	83%			yellowish magnesite from 54.2															
55.4	58.2				cavity															
58.2	59.8	100%			massive whispy fractured magnesite															
59.8	60.3	90%			"															
60.3	63.7				cavity															
63.7	65.3	100			cream whispy massive whispy magnesite															
65.3	66.0	100			"															
66.0	67.6				" thin white massive magnesite from 66.9															
67.6	69.0	100			"															
69.0	70.6	100			"															
70.6	72.0	100			"															
72.0	73.6	100			"															
73.6	75.0	86			"															
					yellowish 73.8-74.0															
75.0	76.6	100			cream + white sparry whispy massive magnesite															
76.6	76.8				cavity															

571077

2

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: RL8578

Co-ordinates: Azimuth:

Drillers: Drill Types:

Commenced: Completed:

Depth: Casing Left:

Hole No: AR8
DPO No's:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by									
From (m)	To (m)	Rec (m)	Core Size							MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI		
76.8	78.0	100	HQ		cream + white sparty whorling magnesian magnesian														
					Mostly Buff White % Cryptocryst Magnesite Minerals in Sparry patches sil Dol Mag														
78.0	79.6	100			" "														
79.6	81.0	100			" "														
81.0	82.6	100			white magnesian beaded string														
82.6	84.0	100			" "														
84.0	85.6	100			white + cream magnesian beaded magnesian														
85.6	87.0	100			" "														
87.0	88.6	100			" "														
88.6	90.0	100			white "														
90.0	91.6	100			" "														
91.6	93.0	100			" "														
93.0	94.6	100			" "														
					tan dolomite white magnesian part "														
94.6	96.0	100			" "														
96.0	97.6	100			" "														
97.6	99.0	100			" "														
99.0	100.6	100			cream + white magnesian beaded magnesian														
100.6	102.0	100			" "														
102.0	103.6	100			" "														
103.6	105.0	100			cream magnesian beaded mag														
105.0	106.6	100			" "														
					few whorls														
106.6	108.0	100			" "														
108.0	109.6	100			" "														
					also yellow brown disseminated patches														
109.6	111.0	100			" "														
111.0	112.6	100			white beaded magnesian magnesian														
112.6	114.0	100			cream-white beaded magnesian magnesian														
114.0	115.6	100			" "														

571078

7

Co-ordinates: Azimuth:
 RL Collar: Inclination:

Drillers:
 Drill Types:

Commenced:
 Completed:

Depth:
 Casing Left:

Hole No.: **AR8**
 DPO No's:

Depth		Core	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by									
From (m)	To (m)	Rec (m)								MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI		
			Mostly							% Cryptocryst	Minerals in								
			Buff	White	Magnesite	Sparry patches													
						sil	Dol	Mag											
115.6	117.0	100			cream + white massive oolitic magnesite														
117.0	118.6	100			"														
118.6	120.0	100			"														
120.0	121.6	100			"														
121.6	123.0	100			"														
123.0	124.6	100			"														
124.6	126.0	100			"														
126.0	127.6	100			"														
127.6	129.0	100			"														
129.0	130.6	100			"														
130.6	132.0	100			"														
132.0	133.6	100			"														
133.6	135.0	100			"														
135.0	136.6	100			"														
136.6	138.0	100			"														
138.0	139.6	100			"														
139.6	141.0	100			"														
141.0	142.6	100			"														
142.6	144.0	100			"														
144.0	145.6	100			"														
145.6	147.0	100			"														
147.0	148.6	100			"														
148.6	150.0	100			"														
150.0	151.6	100			"														
151.6	153.0	100			"														
153.0	154.6	100			"														
154.6	156.0	100			"														
156.0	157.6	100			"														
157.6	159.0	100			"														
159.0	160.6	100			" then from 159.2 dk grey dolomite with white + sparry mag. nodules														
160.6	162.0	100			"														
162.0	163.6	100			"														
163.6	165.0	100			"														
165.0	166.6	100			"														
166.6	168.0	100			"														
168.0	169.6	100			"														

571079

AR8

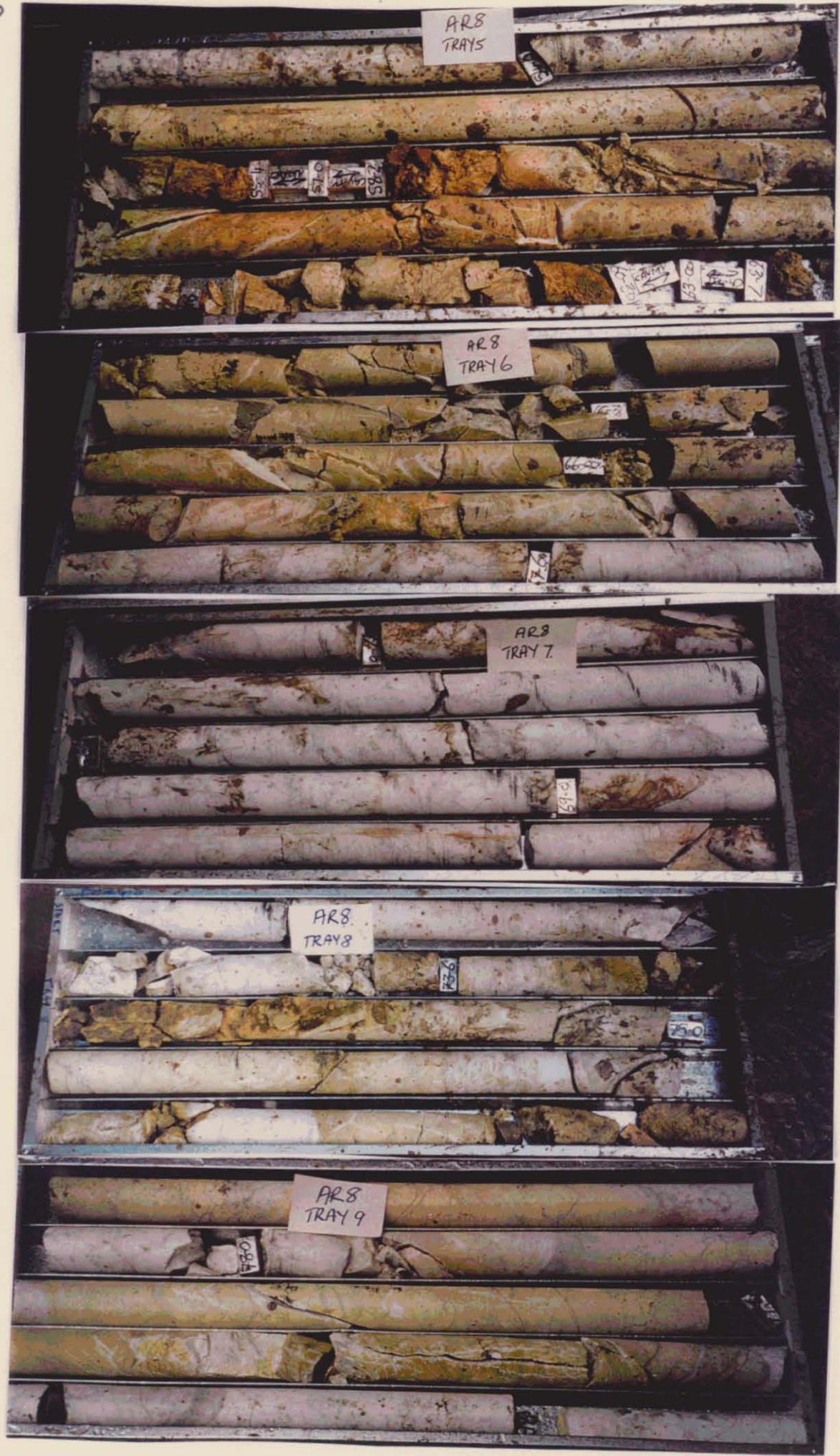
571080

START OF CORING
12.6m



53.5

535



81.6 m

81.6



103.9m

103.9

AR8 (CONT'D)

571083



121.6

(TRAY 19 MISSED)

125.8



148.5m

148.5



169.6
EOH

Core Log Sheet

Hole No. AR-8

Page No. 1

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
1	12.60	13.60	1.00	1	1	1	0.00	0.50	0.50	2.318	4.636		frag						
Tot/Avg			1.00						0.60	2.318	4.636	50.0		29.76	1.72	31.38	1.81		2.318
2	13.60	14.50	0.90	2	1	1	0.50	1.00	0.50	1.482	2.964		f						
			0.00	3		2	0.00	0.15	0.15	0.950	6.333		core						
Tot/Avg			0.90						0.66	2.432	3.742	72.2		27.83	3.27	8.36	16.21		2.432
3	14.50	15.00	0.50	4	1	2	0.15	0.67	0.52	3.723	7.160		c						
			0.00	5			0.67	0.80	0.13	0.254	1.954		f						
Tot/Avg			0.60						0.66	3.977	6.118	130.0		31.62	1.96	8.66	12.81		3.977
4	15.00	18.00	3.00	6	1	2	0.80	1.00	0.20	0.219	1.095		f						
Tot/Avg			3.00						0.20	0.219	1.095	6.7		31.73	3.33	4.46	14.12		0.219
5	18.00	22.80	4.80						0.00				gap						
Tot/Avg			4.80						0.00	0.000	#DIV/0!	0.0							0.000
6	22.80	23.00	0.20	7	1	3	0.00	0.30	0.30	1.451	4.837		f						
Tot/Avg			0.20						0.30	1.461	4.837	160.0		39.60	3.80	14.09	0.23		1.461
7	23.00	25.80	2.80						0.00				gap						
Tot/Avg			2.80						0.00	0.000	#DIV/0!	0.0							0.000
8	25.80	26.30	0.50	8	1	3	0.30	1.00	0.70	2.488	3.554		f						
Tot/Avg			0.50						0.70	2.488	3.554	140.0		42.96	2.73	6.96	0.82		2.488
9	26.30	28.30	2.00						0.00				gap						
Tot/Avg			2.00						0.00	0.000	#DIV/0!	0.0							0.000
10	28.30	28.80	0.50	9	1	4	0.00	0.50	0.50	2.410	4.820		f						
Tot/Avg			0.50						0.60	2.410	4.820	100.0		41.25	5.43	6.64	0.60		2.410
11	28.80	31.60	2.80	10	1	4	0.50	1.00	0.50	1.783	3.566		f						
Tot/Avg			2.80						0.60	1.783	3.566	17.9		41.34	3.52	7.02	0.60		1.783
12	31.60	33.00	1.40	11	1	5	0.00	0.15	0.15	1.121	7.473		f						
			0.00	12			0.15	1.00	0.85	4.250	5.000		c						
			0.00	13	2	1	0.00	0.25	0.25	1.510	6.040		f						
			0.00	14			0.25	0.35	0.10	0.599	5.990		c						
Tot/Avg			1.40						1.35	7.480	6.641	96.4		34.28	2.22	7.74	9.98		7.480
13	33.00	34.10	1.10	15	2	1	0.35	0.65	0.30	1.915	6.383		c						
			0.00	16			0.65	1.00	0.35	1.636	4.674		f						
			0.00	17		2	0.00	0.20	0.20	1.294	6.470		c						
			0.00	18			0.20	0.45	0.25	1.424	5.696		f						
			0.00	19			0.45	0.65	0.20	1.234	6.170		c						
Tot/Avg			1.10						1.30	7.503	6.772	118.2		43.98	2.20	3.29	0.69		7.503
14	34.10	36.00	1.90						0.00				gap						
Tot/Avg			1.90						0.00	0.000	#DIV/0!	0.0							0.000
15	36.00	39.00	3.00	20	2	2	0.80	1.00	0.20	0.543	2.715		f						
Tot/Avg			3.00						0.20	0.543	2.715	6.7		40.82	6.93	3.69	0.50		0.543

571086

Core Log Sheet

Hole No AR-2

Page No 2

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)				Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg
	From	To	Lnth.				From	To	Lnth.	Mass (kg)					Kg/m	MgO %	Fe ₂ O ₃ %	SiO ₂ %	
16	39.00	40.60	1.60	21	2	3	0.00	0.55	0.55	3.129	5.689		f						
			0.00				0.55	0.86	0.31	2.322	7.490		c						
			0.00				0.86	1.00	0.14	0.938	6.700		f						
			0.00				0.00	0.60	0.60	2.874	4.790		f						
Tot/Avg			1.60					1.60	9.263	5.789	100.0		43.61	1.52	3.94	1.39	9.263		
17	40.60	42.00	1.40	25	2	4	0.60	1.00	0.40	1.884	4.710		f						
			0.00				0.00	0.55	0.55	3.424	6.225		f						
			0.00				0.55	1.00	0.45	2.648	5.884		f						
			0.00				0.00	0.40	0.40	1.884	4.710		f						
Tot/Avg			1.40					1.40	7.956	5.683	100.0		41.88	1.26	7.90	1.29	7.956		
18	42.00	43.60	1.60	28	3	1	0.00	0.35	0.35	1.943	5.551		f						
			0.00				0.35	0.80	0.45	2.191	4.869		f						
			0.00				0.80	1.00	0.20	1.220	6.100		c						
			0.00				0.00	0.75	0.75	5.074	6.765		c						
			0.00				0.00	0.00	0.00	0.00	0.00								
Tot/Avg			1.60					1.75	10.428	5.959	109.4		41.17	1.34	5.51	3.51	10.428		
19	43.60	45.00	1.40	32	3	2	0.75	1.00	0.25	0.392	1.568		f						
			0.00				0.00	1.00	1.00	7.973	7.973		c						
			0.00				0.00	0.40	0.40	1.374	3.435		f						
			0.00				0.00	0.00	0.00	0.00	0.00								
Tot/Avg			1.40					1.65	9.739	5.902	117.9		44.71	0.51	1.71	2.14	9.739		
20	45.00	45.70	0.70	35	3	4	0.40	1.00	0.60	2.918	4.863		f						
Tot/Avg			0.70						0.60	2.918	4.863	85.7		42.85	1.38	4.00	2.07	2.918	
21	45.70	47.50	1.80						0.00				gap						
Tot/Avg			1.80						0.00	0.000	#DIV/0!	0.0						0.000	
22	47.50	48.00	0.50	36	3	5	0.00	0.57	0.57	3.108	5.453		f						
Tot/Avg			0.50						0.57	3.108	5.453	114.0		43.83	1.01	4.10	1.47	3.108	
23	48.00	49.50	1.50	37	3	5	0.57	0.80	0.23	0.731	3.178		f						
			0.00				0.80	1.00	0.20	0.993	4.965		c						
			0.00				0.00	1.00	1.00	7.298	7.298		c						
			0.00				0.00	0.25	0.25	1.701	6.804		c						
Tot/Avg			1.50					1.68	10.723	6.383	112.0		43.78	0.84	3.60	1.87	10.723		
24	49.50	50.30	0.80						0.00				gap						
Tot/Avg			0.80						0.00	0.000	#DIV/0!	0.0						0.000	
25	50.30	51.00	0.70	41	4	2	0.25	1.00	0.75	3.963	5.284		c						
			0.00				0.00	0.15	0.15	0.710	4.733		c						
			0.00				0.00	0.00	0.00	0.00	0.00								
Tot/Avg			0.70					0.90	4.673	5.192	128.6		43.96	0.84	4.49	1.11	4.673		
26	51.00	52.50	1.50	43	4	3	0.15	1.00	0.85	6.369	7.493		c						
			0.00				0.00	1.00	1.00	6.495	6.495		c						
			0.00				0.00	0.00	0.00	0.00	0.00								
Tot/Avg			1.50					1.85	12.864	6.954	123.3		44.94	0.25	4.24	1.06	12.864		
27	52.50	54.00	1.50	45	4	5	0.00	1.00	1.00	8.150	8.150		c						
			0.00				0.00	0.65	0.65	4.828	7.428		c						
			0.00				0.00	0.00	0.00	0.00	0.00								
Tot/Avg			1.50					1.65	12.978	7.865	110.0		43.38	0.34	5.26	2.47	12.978		

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Core Log Sheet

Hole No: AR-8

Page No 3

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
28	54.00	55.40	1.40	47	5	1	0.65	1.00	0.35	2.834	8.097		c						
			0.00				48	2	0.00	1.00	1.00	8.029	8.029		c				
			0.00				49	3	0.00	0.22	0.22	1.328	6.036		f				
Tot/Avg			1.40					1.67	12.191	7.765	112.1		41.86	0.94	8.65	1.50	12.191		
29	55.40	57.00	1.60						0.00				gap						
Tot/Avg			1.60						0.00	0.000	#DIV/0!	0.0						0.000	
30	57.00	58.20	1.20						0.00				gap						
Tot/Avg			1.20						0.00	0.000	#DIV/0!	0.0						0.000	
31	58.20	59.80	1.60	50	5	3	0.22	0.70	0.48	2.000	4.167		f						
			0.00				51		0.70	1.00	0.30	1.730	5.767		c				
			0.00				52	4	0.00	0.44	0.44	3.068	6.973		c				
			0.00			53	0.44		0.64	0.20	1.858	9.290		f					
			0.00			54	0.64		1.00	0.36	2.738	7.606		c					
			0.00			55	5	0.00	0.15	0.15	0.975	6.500		c					
Tot/Avg			1.60					1.93	12.369	6.409	120.6		41.13	1.93	9.62	0.68	12.369		
32	59.80	60.30	0.50	56	5	5	0.15	0.75	0.60	2.721	4.535		f						
Tot/Avg			0.50						0.60	2.721	4.635	120.0		44.03	1.19	4.82	0.77	2.721	
33	60.30	63.70	3.40						0.00				gap						
Tot/Avg			3.40						0.00	0.000	#DIV/0!	0.0						0.000	
34	63.70	65.30	1.60	57	6	1	0.00	0.20	0.20	1.247	6.235		f						
			0.00				58		0.20	0.45	0.25	1.679	6.716		c				
			0.00				59		0.45	0.75	0.30	2.316	7.720		f				
			0.00			60		0.75	1.00	0.25	1.846	7.384		c					
			0.00			61	2	0.00	0.44	0.44	1.517	3.448		c					
			0.00			62		0.44	0.70	0.26	3.352	12.892		f					
Tot/Avg			1.60					1.70	11.967	7.034	106.3		45.03	0.80	3.81	0.49	11.957		
35	65.30	66.00	0.70	63	6	2	0.70	1.00	0.30	1.134	3.780		f						
			0.00				64	3	0.00	0.32	0.32	1.748	5.463		f				
			0.00				65		0.32	0.67	0.35	2.630	7.514		c				
Tot/Avg			0.70					0.97	5.512	5.682	138.6		43.92	0.63	5.64	0.71	5.512		
36	66.00	67.60	1.60	66	6	3	0.67	0.83	0.16	0.167	1.044		f						
			0.00				67		0.83	1.00	0.17	1.381	8.124		c				
			0.00				68	4	0.00	1.00	1.00	6.662	6.662		c				
			0.00			69	5		0.00	0.62	0.62	5.045	8.137		c				
Tot/Avg			1.60					1.95	13.255	6.787	121.9		46.10	0.46	2.71	0.58	13.255		

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Core Log Sheet

Hole No AR-8

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg	
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %		
37	67.60	69.00	1.40	70	6	5	0.62	1.00	0.38	2.769	7.287		c						
			0.00	71	7	1	0.00	1.00	1.00	7.691	7.691		c						
			0.00	72		2	0.00	0.27	0.27	2.112	7.822		c						
Tot/Avg			1.40						1.65	12.672	7.619	117.9		43.04	0.39	2.92	3.96	12.572	
38	69.00	70.60	1.60	73	7	2	0.27	1.00	0.73	5.619	7.697		c						
			0.00	74		3	0.00	1.00	1.00	7.736	7.736		c						
Tot/Avg			1.60						1.73	13.355	7.720	108.1		44.71	0.48	3.48	2.59	13.355	
39	70.60	72.00	1.40	75	7	4	0.00	1.00	1.00	8.221	8.221		c						
			0.00	76		5	0.00	0.55	0.55	4.278	7.778		c						
Tot/Avg			1.40						1.55	12.499	8.064	110.7		45.54	0.40	2.18	1.88	12.499	
40	72.00	73.60	1.60	77	7	5	0.55	1.00	0.45	2.620	5.822		c						
			0.00	78	8	1	0.00	1.00	1.00	6.945	6.945		c						
			0.00	79		2	0.00	0.27	0.27	1.517	5.619		f						
			0.00	80				0.27	0.60	0.33	2.411	7.306		c					
Tot/Avg			1.60						2.05	13.483	6.582	128.1		42.57	0.80	4.49	3.58	13.493	
41	73.60	75.00	1.40	81	8	2	0.60	1.00	0.40	2.215	5.538		c						
			0.00	82		3	0.00	0.33	0.33	1.742	5.279		f						
			0.00	83				0.33	1.00	0.67	4.634	6.916		c					
Tot/Avg			1.40						1.40	8.591	6.138	100.0		34.01	1.51	6.08	12.52	8.591	
42	75.00	76.60	1.60	84	8	4	0.00	1.00	1.00	8.437	8.437		c						
			0.00			5	0.00	0.15	0.15		0.000		cont						
			0.00	85				0.15	0.27	0.12	0.540	4.500		f					
			0.00	86				0.27	0.82	0.55	4.201	7.638		c					
Tot/Avg			1.60						1.82	13.178	7.241	113.8		36.83	1.29	6.83	7.95	13.178	
43	76.60	78.00	1.40	87	8	5	0.82	1.00	0.18	10.047	55.817		c						
			0.00		9	1	0.00	1.00	1.00		0.000		cont						
			0.00			2	0.00	0.22	0.22		0.000		cont						
Tot/Avg			1.40						1.40	10.047	7.176	100.0		44.90	0.78	3.79	1.50	10.047	
44	78.00	79.60	1.60	88	9	2	0.22	0.50	0.28	1.388	4.957		f						
			0.00	89				0.50	1.00	0.50	11.136	22.272		c					
			0.00			3	0.00	1.00	1.00		0.000		cont						
Tot/Avg			1.60						1.78	12.524	7.036	111.3		43.71	0.76	2.23	3.26	12.524	
45	79.60	81.00	1.40	90	9	4	0.00	0.40	0.40	2.826	7.065		c						
			0.00	91				0.40	0.74	0.34	2.516	7.400		f					
			0.00	92				0.74	1.00	0.26	7.069	27.188		c					
			0.00																
									5	0.00	0.64	0.64		0.000		cont			
Tot/Avg			1.40						1.64	12.411	7.568	117.1		43.35	0.73	3.18	3.22	12.411	

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Core Log Sheet

Hole No. AR-8

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays						
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg		
46	81.00	82.60	1.60	93	9	5	0.64	1.00	0.36	12.964	36.011		c							
			0.00				10	1	0.00	1.00	1.00									
			0.00					2	0.00	0.45	0.45									
Tot/Avg			1.60					1.81	12.964	7.162	113.1			45.35	0.36	2.85	1.59	12.964		
47	82.60	84.00	1.40	94	10	2	0.45	1.00	0.55	12.524	22.771		c							
			0.00					3	0.00	1.00	1.00									
Tot/Avg			1.40					1.55	12.524	8.080	110.7			45.37	0.41	3.77	1.05	12.524		
48	84.00	85.60	1.60	95	10	4	0.00	1.00	1.00	13.883	13.883		c							
			0.00					5	0.00	0.73	0.73									
Tot/Avg			1.60					1.73	13.883	8.025	108.1			45.34	0.34	5.18	0.36	13.883		
49	85.60	87.00	1.40	96	10	5	0.73	1.00	0.27	11.115	41.167		c							
			0.00					11	0.00	1.00	1.00									
			0.00					2	0.00	0.24	0.24									
Tot/Avg			1.40					1.51	11.115	7.361	107.9			45.57	0.27	3.15	0.97	11.115		
50	87.00	88.60	1.60	97	11	2	0.24	1.00	0.76	12.826	16.876		c							
			0.00					3	0.00	1.00	1.00									
Tot/Avg			1.60					1.76	12.826	7.288	110.0			43.38	0.25	6.53	1.65	12.826		
51	88.60	90.00	1.40	98	11	4	0.00	1.00	1.00	11.912	11.912		c							
			0.00					5	0.00	0.47	0.47									
Tot/Avg			1.40					1.47	11.912	8.103	105.0			43.62	0.55	3.78	1.77	11.912		
52	90.00	91.60	1.60	99	11	5	0.47	1.00	0.53	13.019	24.564		c							
			0.00					12	0.00	1.00	1.00									
			0.00					2	0.00	0.16	0.16									
Tot/Avg			1.60					1.69	13.019	7.704	105.6			41.58	0.91	6.97	3.61	13.019		
53	91.60	93.00	1.40	100	12	2	0.16	1.00	0.84	12.952	15.419		c							
			0.00					3	0.00	0.73	0.73									
Tot/Avg			1.40					1.57	12.952	8.250	112.1			44.35	0.66	5.12	1.58	12.952		
54	93.00	94.60	1.60	101	12	3	0.73	1.00	0.27	13.053	48.344		c							
			0.00					4	0.00	1.00	1.00									
			0.00					5	0.00	0.51	0.51									
Tot/Avg			1.60					1.78	13.053	7.333	111.3			38.61	0.68	11.10	5.89	13.053		
55	94.60	96.00	1.40	102	12	5	0.51	1.00	0.49	10.954	22.355		c							
			0.00					13	0.00	1.00	1.00									
Tot/Avg			1.40					1.49	10.954	7.352	106.4			28.89	0.43	18.80	16.40	10.954		

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Core Log Sheet

Hole No: AR-8

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg						
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %							
56	96.00	97.60	1.60	103	13	2	0.00	0.66	0.66	4.843	7.338	f												
			0.00				0.66	1.00	0.34	5.873	17.274							c						
			0.00				0.00	0.42	0.42	0.000	cont													
			0.00					105	3									0.42	0.76	0.34	2.183	6.421	f	
Tot/Avg			1.60					1.76	12.899	7.329	110.0		29.11	0.98	13.47	16.35	12.899							
57	97.60	99.00	1.40	106	13	3	0.76	1.00	0.24	11.861	49.421	c												
			0.00				0.00	1.00	1.00	0.000	cont													
			0.00				0.00	0.40	0.40	0.000								cont						
			0.00					5	0.00		0.40													
Tot/Avg			1.40					1.64	11.861	7.232	117.1		34.51	0.62	14.78	10.64	11.861							
58	99.00	100.60	1.60	107	13	5	0.40	1.00	0.60	11.858	19.763	c												
			0.00				0.00	1.00	1.00	0.000	cont													
			0.00				0.00	0.25	0.25	0.000								cont						
			0.00					14	1		0.00								1.00	1.00				
Tot/Avg			1.60					1.85	11.858	6.410	115.6		41.38	0.96	7.88	4.54	11.858							
59	100.60	102.00	1.40	108	14	2	0.25	1.00	0.75	12.278	16.371	c												
			0.00				0.00	1.00	1.00	0.000	cont													
			0.00				0.00	0.17	0.17	0.000								cont						
			0.00					3	0.00		1.00								1.00					
Tot/Avg			1.40					1.92	12.278	6.395	137.1		40.76	0.92	3.18	6.26	12.278							
60	102.00	105.00	3.00	109	14	4	0.17	1.00	0.83	6.072	7.316	c												
			0.00				0.00	1.00	1.00	7.834	7.834							c						
			0.00				0.00	0.45	0.45	3.359	7.464								c					
			0.00					15	1									0.00		1.00	1.00			
Tot/Avg			3.00					3.28	25.187	7.679	109.3		43.26	0.85	3.74	3.35	25.187							
61	105.00	106.60	1.60	110	15	2	0.45	1.00	0.55	13.215	24.027	c												
			0.00				0.00	1.00	1.00	0.000	cont													
			0.00				0.00	0.22	0.22	0.000								cont						
			0.00					3	0.00		1.00								1.00					
Tot/Avg			1.60					1.77	13.215	7.466	110.6		41.73	0.66	7.41	4.23	13.215							
62	106.60	108.00	1.40	111	15	4	0.22	1.00	0.78	11.726	15.033	c												
			0.00				0.00	0.71	0.71	0.000	cont													
			0.00				0.00			1.49								11.726	7.870	106.4	43.46	0.71	11.69	0.50
			0.00					5	0.00		0.71													
Tot/Avg			1.40					1.49	11.726	7.870	106.4		43.46	0.71	11.69	0.50	11.726							
63	108.00	109.60	1.60	112	15	5	0.71	1.00	0.29	2.046	7.055	c												
			0.00				0.00	1.00	1.00	6.588	6.588							c						
			0.00				0.00	0.60	0.60	3.838	6.397								c					
			0.00					16	1									0.00		1.00	1.00			
Tot/Avg			1.60					1.89	12.472	6.599	118.1		39.39	1.16	10.16	6.11	12.472							
64	109.60	111.00	1.40	113	16	2	0.60	1.00	0.40	2.531	6.328	c												
			0.00				0.00	0.34	0.34	1.822	5.359							f						
			0.00				0.00	0.34	1.00	0.66	4.292								6.503	c				
			0.00					115	3	0.00	0.40							0.40	2.976		7.440	c		
Tot/Avg			1.40					1.80	11.621	6.456	128.6		37.47	1.12	9.62	6.38	11.621							

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Core Log Sheet

Hole No: AR-8

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
65	111.00	112.60	1.60	116	16	4	0.40	1.00	0.60	4.346	7.243		c						
			0.00			5	0.00	1.00	1.00	7.725	7.725		c						
			0.00			17	1	0.00	0.15	0.15	0.844	5.627		c					
Tot/Avg			1.60					1.75	12.915	7.380	109.4			33.67	1.23	3.20	13.56	12.915	
66	112.60	114.00	1.40	117	17	1	0.15	1.00	0.85	6.705	7.888		c						
			0.00			2	0.00	0.80	0.80	5.640	7.050		c						
Tot/Avg			1.40					1.65	12.345	7.482	117.9			36.63	1.30	0.76	11.91	12.345	
67	114.00	115.60	1.60	118	17	2	0.80	1.00	0.20	1.620	8.100		c						
			0.00			3	0.00	1.00	1.00	7.922	7.922		c						
			0.00			4	0.00	0.62	0.62	2.993	4.827		c						
Tot/Avg			1.60					1.82	12.535	6.887	113.8			37.30	1.08	2.28	9.57	12.535	
68	115.60	117.00	1.40	119	17	4	0.62	1.00	0.38	3.067	8.071		c						
			0.00			5	0.00	1.00	1.00	8.172	8.172		c						
Tot/Avg			1.40					1.38	11.239	8.144	98.6			33.89	1.34	2.34	13.88	11.239	
69	117.00	118.60	1.60	120	18	1	0.00	1.00	1.00	7.853	7.853		c						
			0.00			2	0.00	0.70	0.70	5.741	8.201		c						
Tot/Avg			1.60					1.70	13.594	7.986	106.3			39.91	1.10	1.45	7.94	13.594	
70	118.60	120.00	1.40	121	18	2	0.70	1.00	0.30	2.266	7.553		c						
			0.00			3	0.00	1.00	1.00	8.099	8.099		c						
			0.00			4	0.00	0.22	0.22	1.566	7.118		c						
Tot/Avg			1.40					1.52	11.831	7.849	108.6			44.67	0.39	<0.06	3.29	11.831	
71	120.00	121.60	1.60	122	18	4	0.22	1.00	0.78	6.006	7.700		c						
			0.00			5	0.00	1.00	1.00	7.292	7.292		c						
Tot/Avg			1.60					1.78	13.298	7.471	111.3			43.07	0.45	<0.06	5.38	13.298	
72	121.60	123.00	1.40	123	19	1	0.00	1.00	1.00	8.183	8.183		c						
			0.00			2	0.00	0.50	0.50	4.155	8.310		c						
Tot/Avg			1.40					1.50	12.338	8.225	107.1			40.84	0.43	<0.06	7.71	12.338	
73	123.00	124.60	1.60	124	19	2	0.50	1.00	0.50	3.665	7.330		c						
			0.00			3	0.00	1.00	1.00	7.458	7.458		c						
			0.00			4	0.00	0.30	0.30	2.233	7.443		c						
Tot/Avg			1.60					1.80	13.356	7.420	112.5			45.74	0.31	<0.06	2.04	13.356	
74	124.60	126.00	1.40	125	19	4	0.30	1.00	0.70	5.485	7.836		c						
			0.00			5	0.00	1.00	1.00	6.558	6.558		c						
Tot/Avg			1.40					1.70	12.043	7.084	121.4			44.72	0.60	<0.06	3.18	12.043	
75	126.00	127.60	1.60	126	20	1	0.00	1.00	1.00	7.800	7.800		c						
			0.00			2	0.00	0.70	0.70	4.975	7.107		c						
Tot/Avg			1.80					1.70	12.775	7.515	106.3			42.24	0.54	0.11	6.20	12.775	

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Core Log Sheet

Hole No: AR-8

Page No 8

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
76	127.60	129.00	1.40	127	20	2	0.10	1.00	0.90	2.139	2.377		c						
			0.00			3	0.00	1.00	1.00	7.945	7.945		c						
			0.00			4	0.00	0.34	0.34	2.010	5.912		c						
Tot/Avg			1.40						2.24	12.094	5.399	160.0		43.67	0.39	<0.05	4.75	12.094	
77	129.00	130.60	1.60	128	20	4	0.34	1.00	0.66	5.270	7.985		c						
			0.00			5	0.00	1.00	1.00	7.421	7.421		c						
Tot/Avg			1.60						1.66	12.691	7.645	103.8		44.22	0.48	<0.05	3.77	12.691	
78	130.60	132.00	1.40	129	21	1	0.00	1.00	1.00	7.730	7.730		c						
			0.00			2	0.00	0.65	0.65	7.673	11.805		c						
Tot/Avg			1.40						1.65	15.403	9.335	117.9		44.33	0.56	<0.05	3.72	15.403	
79	132.00	133.60	1.60	130	21	2	0.65	1.00	0.35	2.710	7.743		c						
			0.00			3	0.00	1.00	1.00	8.177	8.177		c						
			0.00			4	0.00	0.30	0.30	2.421	8.070		c						
Tot/Avg			1.60						1.65	13.308	8.065	103.1		42.29	0.99	<0.05	5.56	13.308	
80	133.60	135.00	1.40	131	21	4	0.30	1.00	0.70	5.770	8.243		c						
			0.00			5	0.00	1.00	1.00	6.536	6.536		c						
Tot/Avg			1.40						1.70	12.306	7.239	121.4		36.58	1.51	0.60	11.59	12.306	
81	135.00	136.60	1.60	132	22	1	0.00	1.00	1.00	7.731	7.731		c						
			0.00			2	0.00	0.70	0.70	5.892	8.417		c						
Tot/Avg			1.60						1.70	13.623	8.014	106.3		44.17	0.92	0.78	3.20	13.623	
82	136.60	138.00	1.40	133	22	2	0.70	1.00	0.30	1.331	4.437		c						
			0.00			3	0.00	1.00	1.00	7.770	7.770		c						
			0.00			4	0.00	0.44	0.44	3.078	6.995		c						
Tot/Avg			1.40						1.74	12.179	6.999	124.3		44.91	0.75	<0.05	2.83	12.179	
83	138.00	139.60	1.60	134	22	4	0.44	1.00	0.56	4.521	8.073		c						
			0.00			5	0.00	1.00	1.00	7.963	7.963		c						
Tot/Avg			1.60						1.56	12.484	8.003	97.5		43.21	0.68	<0.05	4.92	12.484	
84	139.60	141.00	1.40	135	23	1	0.00	1.00	1.00	8.275	8.275		c						
			0.00			2	0.00	0.42	0.42	5.630	13.405		c						
Tot/Avg			1.40						1.42	13.905	9.792	101.4		45.76	0.48	0.28	1.89	13.905	
85	141.00	142.50	1.50	136	23	2	0.50	1.00	0.50	3.630	7.260		c						
			0.00			3	0.00	1.00	1.00	7.560	7.560								
			0.00			4	0.00	0.26	0.26	1.810	6.962		c						
Tot/Avg			1.50						1.76	13.000	7.386	117.3		43.13	0.88	<0.05	4.54	13.000	

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Core Log Sheet

Hole No AR-8

Page No 9

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)				Mass (kg)	Kg/m	Recov. %	Descr.	Assays						
	From	To	Lnth.				From	To	Lnth.	Mass (kg)					Kg/m	MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
86	142.50	144.00	1.50	137	23	4	0.32	0.97	0.65	4.940	7.600		c/f								
			0.00			5	0.00	1.00	1.00	7.700	7.700										
Tot/Avg			1.50						1.65	12.640	7.661	110.0		39.40	1.47	<0.05	8.70	12.640			
87	144.00	145.60	1.60	139	24	1	0.00	0.16	0.16	0.747	4.669		c								
			0.00																		
			0.00			2	0.00	0.74	0.74	6.185	8.415								c		
Tot/Avg			1.60						1.73	14.060	8.151	107.8		41.42	0.93	2.29	5.76	14.060			
89	145.60	147.00	1.40	140	24	2	0.85	1.00	0.15	1.267	8.447		c								
			0.00																		
			0.00			3	0.00	0.97	0.97	6.285	6.479								c		
Tot/Avg			1.40							1.50	10.730	7.153	107.1		43.53	0.64	1.02	3.96	10.730		
90	147.00	148.60	1.60	141	24	4	0.42	0.98	0.57	4.699	8.317		c								
			0.00																		
			0.00			5	0.00	0.96	0.96	7.224	7.525								c/f		
Tot/Avg			1.60		24	1	0.00	0.17	0.17	1.366	8.035		c								
Tot/Avg			1.60						1.70	13.289	7.840	105.9		44.32	0.51	<0.05	3.89	13.289			
91	148.60	150.00	1.40	142	25	1	0.28	1.00	0.72	5.778	8.025		c								
			0.00																		
Tot/Avg			1.40						1.52	11.545	7.595	108.6		44.73	0.32	<0.05	3.02	11.545			
92	150.00	151.60	1.60	143	25	2	0.87	1.00	0.13	0.824	6.338		c								
			0.00																		
			0.00			3	0.00	1.00	1.00	7.750	7.750								c/f		
Tot/Avg			1.60							1.83	11.984	6.549	114.4		45.62	0.38	0.10	2.17	11.984		
93	151.60	153.00	1.40	144	25	4	0.71	1.00	0.29	1.664	5.738		c								
			0.00																		
			0.00			5	0.00	0.98	0.98	7.310	7.459								c		
Tot/Avg			1.40		26	1	0.00	0.35	0.35	2.535	7.243		c								
Tot/Avg			1.40						1.62	11.509	7.104	116.7		44.15	0.44	0.96	3.17	11.509			
94	153.00	154.60	1.60	145	26	1	0.38	1.00	0.62	4.350	7.016		c								
			0.00																		
			0.00			145A		2	0.00	0.30	0.30								2.213	7.377	f
			0.00																		
			0.00			145B															
			0.00			145C															
Tot/Avg			1.60			3	0.00	0.14	0.14	3.429	7.793		f								
																			0.00		
Tot/Avg			1.60						1.86	13.267	7.133	116.3		46.13	0.30	0.18	1.69	13.267			
95	154.60	156.00	1.40	146	26	3	0.24	1.00	0.76	6.418	8.445		c								
			0.00																		
Tot/Avg			1.40						1.51	12.380	8.199	107.9		45.69	0.42	<0.05	2.22	12.380			

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Core Log Sheet

Hole No: AR-8

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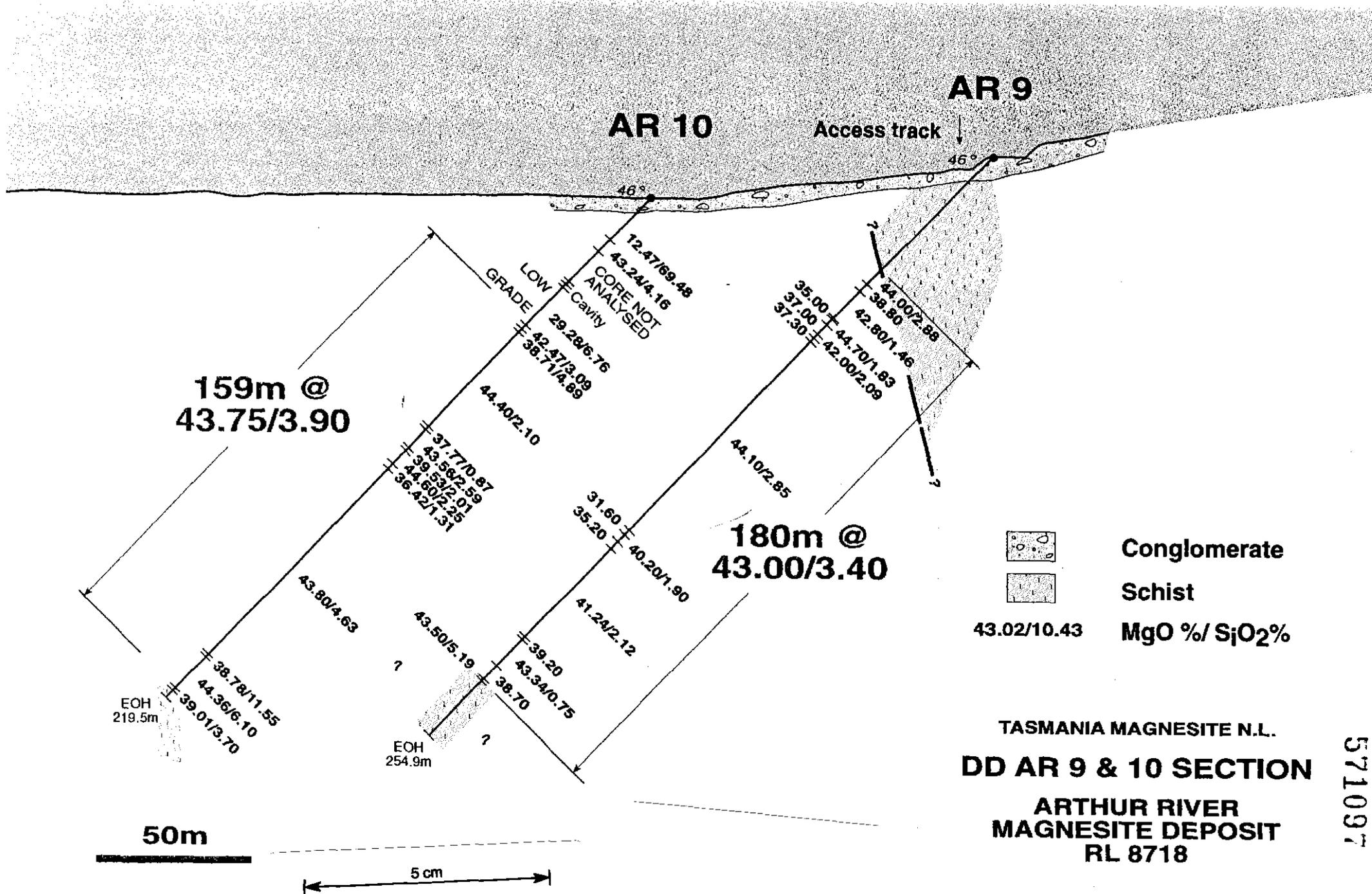
Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg	
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %		
96	156.00	157.60	1.60	147	26	4	0.75	1.00	0.25	1.403	5.612		c						
			0.00			5	0.00	0.84	0.84	6.478	7.712		c						
			0.00			147A		0.84	1.00	0.16	1.193	7.456		f					
			0.00				27	1	0.00	0.40	0.40	3.297	8.243		c				
			0.00			147B		0.40	0.64	0.24	1.242	5.175		f					
Tot/Avg			1.60					1.89	13.613	7.203	118.1			45.89	0.35	<0.05	1.96	13.813	
97	157.60	159.00	1.40	148	27	1	0.64	1.00	0.36	2.639	7.331		c						
			0.00			2	0.00	0.45	0.45	3.133	6.962		c						
			0.00					0.45	0.70	0.25	2.289	9.156		f					
			0.00					0.70	1.00	0.30	2.674	8.913		c					
			0.00				3	0.00	0.15	0.15	1.078	7.187		c					
Tot/Avg			1.40					1.51	11.813	7.823	107.9			46.29	0.43	1.46	1.16	11.813	
98	159.00	160.60	1.60	149	27	3	0.15	1.00	0.85	6.780	7.976		c						
			0.00			4	0.00	0.90	0.90	6.326	7.029		c						
Tot/Avg			1.60					1.75	13.106	7.499	109.4			23.24	1.35	5.97	24.58	13.106	

571095

571096

App. ^H
2/18

DDH AR9



159m @
43.75/3.90

180m @
43.00/3.40

 Conglomerate
 Schist
 43.02/10.43 MgO %/ SiO2%

TASMANIA MAGNESITE N.L.
DD AR 9 & 10 SECTION
 ARTHUR RIVER
 MAGNESITE DEPOSIT
 RL 8718

571097

11.9
10

Co-ordinates: Azimuth: 320° TRUE
RL Collar: Inclination: -46°

Drillers: NEWMAN/
Drill Types: LONGWELL 33

Commenced: 14/3/97
Completed:

Depth: Hole No.: AR 9
Casing Left: DPO No's:

Depth		Core Rec (m)	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by										
From (m)	To (m)									MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI			
					Mostly	% Cryptocryst	Minerals In													
					Buff	White	Magnesite	Sparry patches												
								sil	Dol	Mag										
					Overburden -															
					alkalium acid															
					weathered rock															
51.6	53.5	100	PO		Green + white															
					bleached massive															
					magnesian															
					"															
52.0	52.4				Cauchy - sand filled															
52.5	52.9	100			Green + white															
					bleached massive															
					magnesian															
					"															
52.5	53.1	100			" with															
					bleached massive															
					Section - 59.0-59.4															
					& 59.6-59.8															
59.7	60.7	100			Green + white															
					bleached massive															
					magnesian															
60.1	61.3	100			white + green															
					bleached massive															
					in place - massive															
					magnesian															
62.2	63.4	100			"															
63.7	65.5	100			"															
66.5	66.7	100			"															
66.1	67.2				Cauchy															
67.7	68.5	100			white + green															
					bleached massive															
					magnesian															
67.5	68.1	100			"															
68.1	68.5				Cauchy															

571098

-1

Co-ordinates: Azimuth: Drillers: Commenced: Depth: Hole No: AR9
 RL Collar: Inclination: Drill Types: Completed: Casing Left: DPO No's:

Plan-Map Reference:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by											
From (m)	To (m)	Rec (m)	Core Size							Mostly Buff	White	% Cryptocryst Magnesite	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3	Fe2O3	MnO
68.5	69.4	100	PD		cream + white veined massive magnesite																
69.4	70.4				crystalline																
70.4	70.8	100			cream + white massive bedded magnesite																
70.8	72.1	100			"																
72.1	73.1	100			"																
73.1	73.8	100			"																
73.8	74.8	100	HQ		"																
74.8	75.4	100			white + cream veined massive magnesite																
75.4	77.8	100			"																
77.8	79.2	100			brecciated in place and band of grey dolomite 76.8 to 77.0																
79.2	79.2	100			white + cream veined massive magnesite brecciated in place																
79.2	80.8	100			white veined massive magnesite																
80.8	81.2	100			"																
81.2	82.8	100			" then cream + white 82.0																
82.8	83.0	100			creamy white partially brecciated veined magnesite																

571099

21

Co-ordinates:..... Azimuth:.....

Drillers:.....

Commenced:.....

Depth:.....

Hole No. AR9

RL Collar:..... Inclination:.....

Drill Types:.....

Completed:.....

Casing Left:.....

DPO No's:.....

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by													
From (m)	To (m)	Rec (m)	Core Size							Mostly		% Cryptocryst	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
										Buff	White	Magnesite	sil	Dol	Mag								
25.3	26.8	100.1	HQ		creamy white partially brecciated veined massive mag.																		
26.8	88.3	100			"																		
88.3	89.8	100			" then from 87.3 to 89.8 with blue white massive magn. ?																		
89.8	91.3	100			white & cream veined massive magn. bc																		
91.3	92.8	100			"																		
92.8	94.3	100			cream veined massive mag. bc then from 94.3 to 96.8 massive veined - blue & white magn. bc																		
94.3	95.8	100			lt brown to cream veined + dendritic + brecciated massive mag. bc?																		
95.8	97.3	100			" then from 96.8 cream + white veined massive magn. bc																		
97.3	98.8	100			"																		
98.8	100.3	100			"																		
100.3	101.8	100			cream + white veined + dendritic massive magn. bc + the from 101.3 cream + white veined massive mag.																		

571100

W

Co-ordinates: Azimuth:
 RL Collar: Inclination:

Drillers:
 Drill Types:

Commenced:
 Completed:

Depth:
 Casing Left:

Hole No: AK 9
 DPO No's:

Depth		Core Rec (m)	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by									
From (m)	To (m)									MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI		
										Mostly		% Cryptocryst		Minerals in					
										Buff		White		Magnesite		Sparry patches			
																sil Dol Mag			
146.7	148.2	100	100		white veined white massive magnesian														
147.5	149.8	100	100		" " thin film 149.0 exposure white veined brownish magnesian														
150.0	151.5	100	100		" " thin film 150.0 yellowish brown veined dark chalcocite magnesian														
151.4	152.8	100	100		yellowish white veined massive magnesian to 152.2 then white veined massive magnesian														
152.8	154.3	100	100		" "														
154.3	155.8	100	100		" to 154.6 then cream strongly veined dark shaly brownish magnesian with chalcocite 154.6														
155.8	157.3	100	100		"														
157.3	158.8	100	100		"														
158.8	163.2	100	100		" capite 160.1-163.2														
163.2	164.8	100	100		yellowish brown veined and shaly massive magnesian veined chalcocite " " 164.6														
164.8	166.4	100	100		" " 164.6														
166.4	167.8	100	100		massive white veined massive magnesian														
167.8	169.3	100	100		"														
169.3	170.2	100	100		" plus														

571103

6

Co-ordinates: Azimuth: Drillers: Commenced: Depth: Hole No.: AR9
 RL Collar: Inclination: Drill Types: Completed: Casing Left: DPO No's:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by													
From (m)	To (m)	Rec (m)	Core Size							Mostly		% Cryptocryst	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
										Buff	White	Magnesite	sil	Dol	Mag								
170.8	172.4	100	100		creamy white veined, brecciated magnesite																		
172.4	173.2	100			"																		
173.2	175.2	100			white veined massive magnesite																		
175.2	176.8	100			"																		
176.8	178.8	100			"																		
178.8	179.2	100			"																		
179.2	179.8	100			"																		
179.8	181.2	100			"																		
181.2	181.2	100			whitish																		
181.2	184.8	100			"																		
184.8	185.8	100			"																		
185.8	187.3	100			"																		
187.3	188.8	100			"																		
188.8	190.3	100			"																		
190.3	191.8	100			"																		
191.8	193.3	100			"																		
193.3	194.8	100			"																		
194.8	196.3	100			"																		
196.3	197.8	100			"																		
197.8	199.3	100			"																		
199.3	200.6	100			"																		
200.6	202.3	100			"																		
202.3	203.6	100			"																		
203.6	205.3	100			"																		
205.3	206.8	100			"																		
206.8	208.3	100			"																		
208.3	209.8	100			"																		

571104

7

Co-ordinates: Azimuth:
 RL Collar: Inclination:

Drillers:
 Drill Types:

Commenced:
 Completed:

Depth: Hole No: **AR9**
 Casing Left: DPO No's:

Depth		Core	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by										
From (m)	To (m)	Rec (m)								Mostly Buff	White	% Cryptocryst Magnesite	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3	Fe2O3
207.8	211.3	100			Whispery massive magnesite															
211.3	212.8	100			at 212.4 dolomitic															
	211.8				"															
212.8	214.3	100			Massive white magnesite															
214.3	215.8	100			"															
215.8	217.3	100			"															
					at 216.6 brown stained 45 Jt at 216.9															
217.3	218.8	100			Pale buff magnesite															
218.8	220.4	100			"															
					to 219.4 then Creamy magnesite															
220.4	221.8	100			"															
221.8	223.3	100			"															
223.3	224.8	100			223-223.3 Buff Mg mainly Fe stained become magnesite last 20cm Creamy magnesite															
224.8	226.3	100			"															
					with translucent dolomite															
226.3	229.8	100			"															
229.8	230.8	100			"															
230.8	232.3	100			Dark grey buff chert rock (broken)															
232.3	233	100			" pyritic															
233	234.8	100			at 234.4 3cm var abundant pyrite															
234.8	235.1	100			"															
235.1	235.3	100			"															
235.3	238.5	100			very broken															
238.5	239.4	100			"															
239.4	239.8	100			"															

CONTACT

571105

Co-ordinates: Azimuth:

Drillers:

Commenced:

Depth:

Hole No:

RL Collar: Inclination:

Drill Types:

Completed:

Casing Left:

DPO No's:

Depth		Core Rec (m)	Core Size	Graphic Log	Core Description						Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by							
From (m)	To (m)				Mostly Buff	White	% Cryptocryst Magnesite	Minerals in Sparry patches							MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
									sil	Dol	Mag											
237.6	239.7	100			broken dark grey green talc/chlorite rich pyritic and with pink soft clay on joints																	
239.7	240.6	100			"																	
240.6	242.1	100			"																	
242.1	243.0	100			"																	
243.0	244	100			"																	
244	245.8	100			"																	
245.8	246.3	100			"																	
246.3	249.1	100			"																	
249.1	250.8	100			"																	
250.8	252.7	100			"																	
252.7	254.7	100			"																	
EOL																						

PART OF BORING.
51.0m

AR 9.

571107



71.5m

AR 9 (CONTD)

571108

71.5 m



AR9
TRAY 6
715-738



AR9
TRAY 7
738-783



AR9
TRAY 8
783-831



AR9
TRAY 9
831-876



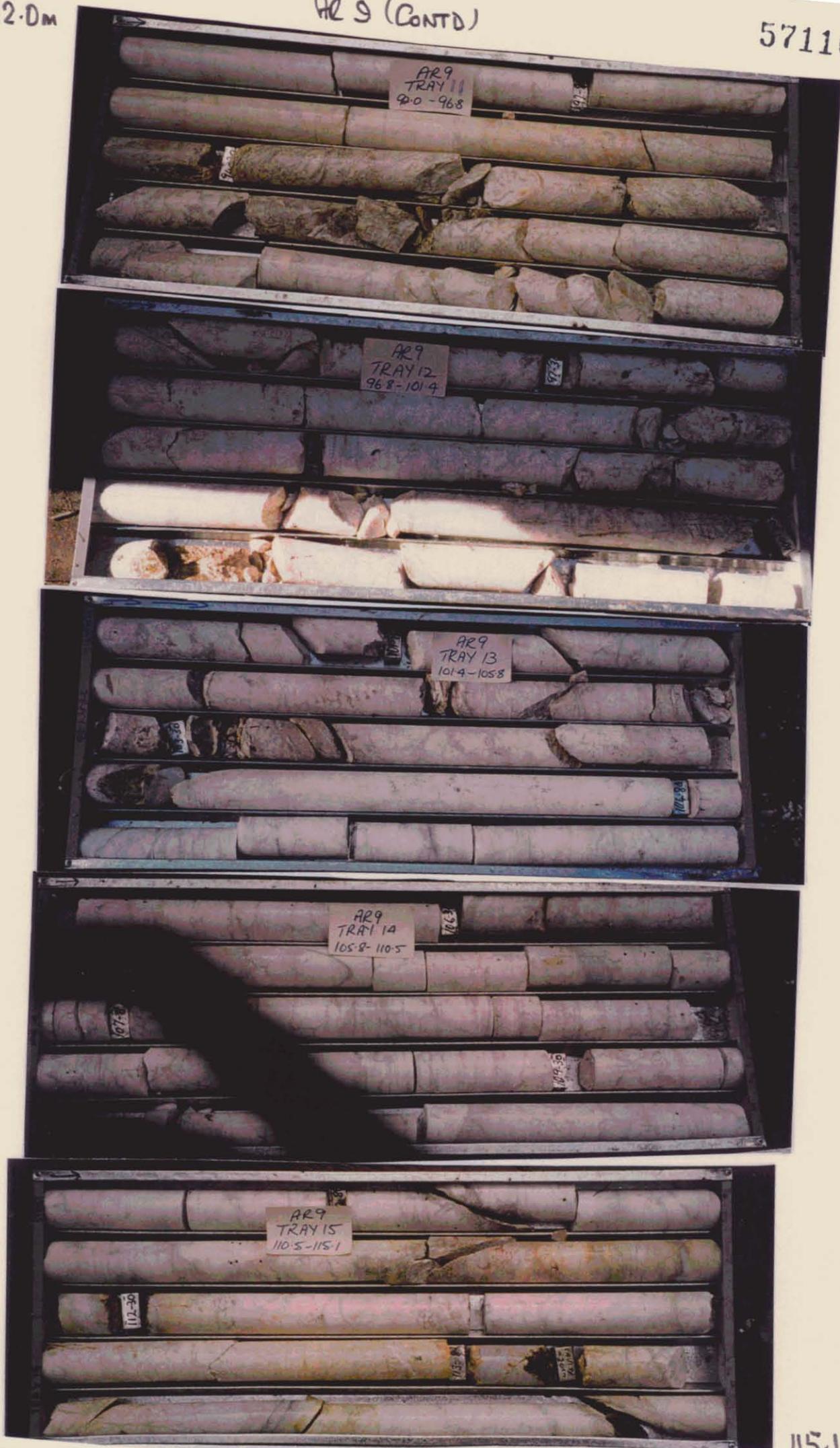
AR9
TRAY 10
876-920

92.0 m

92.0m

AR 9 (CONTD)

571109



115.1m

115.1m



140.3m

AR9 (CONTD)

571111

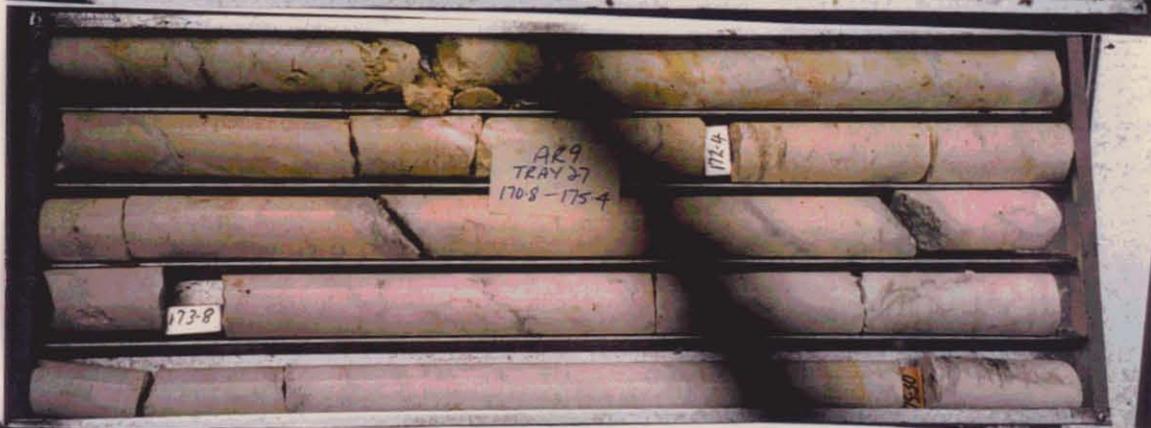


166.3m

166-3m

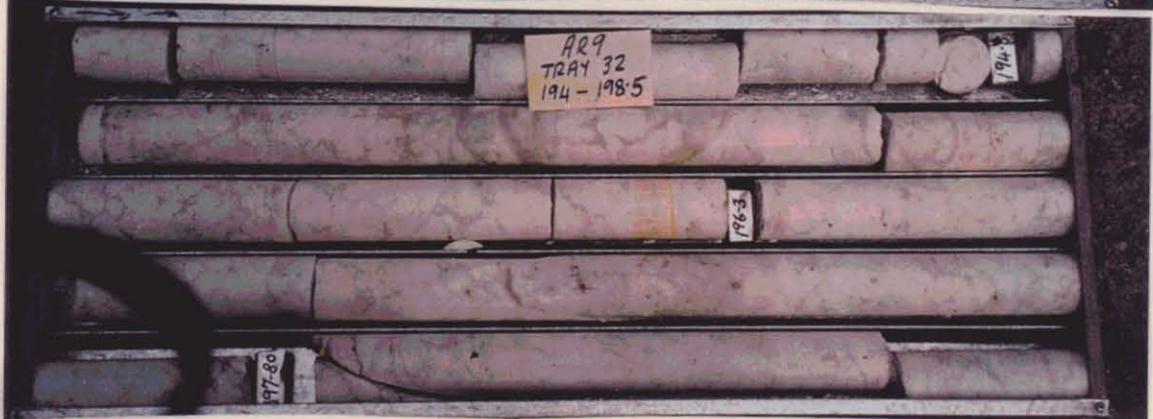
AR 9 (CONT'D)

571112



189-3m

189.3m



212.4

212.4m



234.0m

234.0



254.9m
EDH.

Core Log Sheet

Hole No: AR-3

Page No: 1

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recoy. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
1	51.00	52.50	1.50	1	1	1	0.00	1.00	1.00	14.237	14.237		core						
			0.00			2	0.00	0.80	0.80	11.824	14.780		c						
Tot/Avg			1.50						1.80	26.061	14.478	120.0		44.30	1.14	3.47	2.33		26.061
2	52.50	55.90	3.40	2	1	2	0.80	1.00	0.20	1.755	8.775		frag						
			0.00		3	3	0.00	0.26	0.26	3.347	12.873		f						
			0.00		4		0.26	1.00	0.74	10.008	13.524		c						
			0.00		5	4	0.00	1.00	1.00	13.796	13.796		c						
			0.00		6	1	0.00	1.00	1.00	13.850	13.850		c/gap						
Tot/Avg			3.40						3.20	42.766	13.361	94.1		43.66	0.93	2.68	2.63		42.766
3	55.90	57.50	1.60	7	2	2	0.00	1.00	1.00	14.463	14.463		c						
			0.00		8	3	0.00	0.80	0.80	12.083	15.104		c						
Tot/Avg			1.60						1.80	26.546	14.748	112.6		44.06	0.46	2.77	2.64		26.546
4	57.50	59.10	1.60	9	2	3	0.80	1.00	0.20	2.925	14.625		c						
			0.00			4	0.00	1.00	1.00	15.609	15.609		c						
			0.00			3	0.00	0.50	0.50	7.250	14.500		c						
Tot/Avg			1.60						1.70	25.784	16.167	106.3		38.65	0.96	1.64	9.66		25.784
5	59.10	60.70	1.60	10	3	1	0.50	1.00	0.50	6.792	13.584		c						
			0.00			2	0.00	1.00	1.00	15.644	15.644		c						
			0.00			3	0.00	0.28	0.28	3.299	11.782		c						
Tot/Avg			1.60						1.78	25.735	14.458	111.3		38.92	0.83	1.64	9.18		25.735
6	60.70	62.30	1.60	11	3	3	0.28	1.00	0.72	10.788	14.983		c						
			0.00			4	0.00	1.00	1.00	16.095	16.095		c						
Tot/Avg			1.60						1.72	26.883	16.630	107.6		42.06	0.83	1.86	4.79		26.883
7	62.30	63.90	1.60	12	4	1	0.00	1.00	1.00	15.090	15.090		c						
			0.00			2	0.00	0.73	0.73	11.188	15.326		c						
Tot/Avg			1.60						1.73	26.278	16.196	108.1		44.66	0.43	1.38	2.63		26.278
8	63.90	65.50	1.60	13	4	2	0.73	1.00	0.27	3.301	12.226		c						
			0.00			3	0.00	1.00	1.00	14.678	14.678		c						
			0.00			4	0.00	0.60	0.60	8.582	14.303		c						
Tot/Avg			1.60						1.87	26.561	14.204	116.9		40.66	0.70	1.37	7.62		26.561
9	65.50	67.50	2.00	14	4	4	0.60	1.00	0.40	6.176	15.440		c						
			0.00			5	0.00	1.00	1.00	15.044	15.044		c/cav						
			0.00			2	0.00	0.38	0.38	4.461	11.739		c						
Tot/Avg			2.00						1.78	25.681	14.428	89.0		43.07	0.61	0.69	4.84		25.681
10	67.50	70.50	3.00	15	5	2	0.38	1.00	0.62	6.790	10.952		c/cav						
			0.00			3	0.00	1.00	1.00	14.726	14.726		c/cav						
Tot/Avg			3.00						1.62	21.516	13.281	64.0		41.76	1.37	1.08	6.76		21.516
11	70.50	72.10	1.60	16	5	4	0.00	0.09	0.09	0.675	7.500		f						
			0.00				0.09	1.00	0.91	15.153	16.652		c						
			0.00			6	0.00	0.70	0.70	10.813	15.447		c						
Tot/Avg			1.60						1.70	26.641	16.671	108.3		44.67	1.07	1.90	2.04		26.641
12	72.10	73.10	1.00	18	6	1	0.70	1.00	0.30	4.629	15.430		c						
			0.00			2	0.00	0.83	0.83	12.737	15.346		c						
Tot/Avg			1.00						1.13	17.366	16.368	113.0		42.77	0.77	3.21	3.90		17.366

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Core Log Sheet

Hole No: AR-9

Page No: 2

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				Mass kg	
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %		
13	73.10	73.80	0.70	19	6	2	0.83	1.00	0.17	2.245	13.206		c						
			0.00			3	0.00	0.50	0.50	6.879	13.758		c						
Tot/Avg			0.70						0.67	9.124	13.619	95.7		35.99	1.19	2.63	11.09		9.124
14	73.80	74.80	1.00	20	7	1	0.00	1.00	1.00	7.880	7.880		c						
			0.00			2	0.00	0.18	0.18	1.251	6.950		c						
Tot/Avg			1.00						1.18	9.131	7.738	118.0		44.98	0.34	2.01	2.27		9.131
15	74.80	76.40	1.60	21	7	2	0.18	1.00	0.82	6.596	8.044		c						
			0.00			3	0.00	0.90	0.90	7.436	8.262		c						
Tot/Avg			1.60						1.72	14.032	8.158	107.5		44.48	0.28	1.72	1.71		14.032
16	76.40	77.80	1.40	22	7	3	0.90	1.00	0.10	0.573	5.730		c						
			0.00			4	0.00	1.00	1.00	7.379	7.379		c						
			0.00			5	0.00	0.52	0.52	3.808	7.323		c						
Tot/Avg			1.40						1.62	11.760	7.259	115.7		37.38	0.61	2.50	8.12		11.760
17	77.80	79.30	1.50	23	7	5	0.52	1.00	0.48	4.069	8.477		c						
			0.00			8	0.00	1.00	1.00	7.744	7.744		c						
			0.00			2	0.00	0.18	0.18	1.205	6.694		c						
Tot/Avg			1.50						1.68	13.018	7.842	110.7		34.69	0.98	3.00	13.13		13.018
18	79.30	80.80	1.50	24	8	2	0.18	1.00	0.82	6.619	8.072		c						
			0.00			3	0.00	0.72	0.72	5.882	8.169		c						
Tot/Avg			1.50						1.54	12.501	8.118	102.7		38.81	0.99	4.62	10.27		12.501
19	80.80	82.30	1.50	25	8	3	0.72	1.00	0.28	2.292	8.186		c						
			0.00			4	0.00	1.00	1.00	8.184	8.184		c						
			0.00			5	0.00	0.30	0.30	2.051	6.837		c						
Tot/Avg			1.50						1.58	12.527	7.928	105.3		42.95	0.48	2.09	3.62		12.527
20	82.30	83.80	1.50	26	8	5	0.30	1.00	0.70	5.766	8.237		c						
			0.00			9	0.00	1.00	1.00	7.529	7.529		c						
Tot/Avg			1.50						1.70	13.295	7.821	113.3		37.31	1.42	1.97	10.74		13.295
21	83.80	85.30	1.50	27	9	2	0.00	1.00	1.00	9.983	9.983		c						
			0.00			3	0.00	0.60	0.60	4.785	7.975		c						
Tot/Avg			1.50						1.60	14.768	9.230	108.7		43.03	0.83	1.94	4.02		14.768
22	85.30	86.80	1.50	28	9	3	0.60	1.00	0.40	2.603	6.508		c						
			0.00			4	0.00	1.00	1.00	8.287	8.287		c						
			0.00			5	0.00	0.25	0.25	1.936	7.744		c						
Tot/Avg			1.50						1.65	12.828	7.773	110.0		44.28	0.62	1.79	2.50		12.828
23	86.80	88.30	1.50	29	9	5	0.25	1.00	0.75	6.163	8.217		c						
			0.00			10	0.00	0.80	0.80	6.592	8.240		c						
Tot/Avg			1.50						1.55	12.766	8.229	103.3		41.23	0.51	2.67	5.88		12.755
24	88.30	89.80	1.50	30	10	1	0.80	1.00	0.20	1.187	5.935		c						
			0.00			2	0.00	1.00	1.00	7.976	7.976		c						
			0.00			3	0.00	0.40	0.40	2.912	7.280		c						
Tot/Avg			1.50						1.60	12.076	7.547	106.7		43.71	0.47	2.39	3.20		12.075
25	89.80	91.30	1.50	31	10	3	0.40	1.00	0.60	4.919	8.198		c						
			0.00			4	0.00	1.00	1.00	7.957	7.957		c						
			0.00			5	0.00	0.18	0.18	1.230	6.833		c						
Tot/Avg			1.50						1.78	14.108	7.925	118.7		45.15	0.30	1.89	1.88		14.108

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Core Log Sheet

Hole No: AR-9

Page No: 3

Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assave					
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
26	91.30	92.80	1.50	32	10	5	0.18	1.00	0.82	6.271	7.648		c						
			0.00		11	1	0.00	0.70	0.70	5.834	8.334		c						
Tot/Avg			1.50						1.52	12.105	7.984	101.3		45.93	0.48	1.88	1.29		12.105
27	92.80	94.30	1.50	33	11	1	0.70	1.00	0.30	2.409	8.030		c						
			0.00			2	0.00	1.00	1.00	8.289	8.289		c						
			0.00			3	0.00	0.20	0.20	1.297	6.485		c						
Tot/Avg			1.50						1.50	11.995	7.987	100.0		48.14	0.42	1.88	1.02		11.995
28	94.30	95.80	1.50	34	11	3	0.20	1.00	0.80	5.674	7.093		c						
			0.00			4	0.00	1.00	1.00	7.371	7.371		c						
Tot/Avg			1.50						1.80	13.045	7.247	120.0		44.21	0.18	3.47	2.35		13.045
29	95.80	97.30	1.50	35	11	5	0.00	1.00	1.00	7.571	7.571		c						
			0.00			12	0.00	0.70	0.70	5.279	7.541		c						
Tot/Avg			1.50						1.70	12.850	7.559	113.3		45.49	0.15	1.88	1.21		12.850
30	97.30	98.80	1.50	36	12	1	0.70	1.00	0.30	2.557	8.523		c						
			0.00			2	0.00	1.00	1.00	7.727	7.727		c						
			0.00			3	0.00	0.30	0.30	2.118	7.060		c						
Tot/Avg			1.50						1.80	12.402	7.761	108.7		44.49	0.47	2.73	1.92		12.402
31	98.80	100.30	1.50	37	12	3	0.30	1.00	0.70	5.630	8.043		c						
			0.00			4	0.00	1.00	1.00	7.066	7.066		c						
Tot/Avg			1.50						1.70	12.696	7.488	113.3		44.13	0.41	3.95	1.08		12.696
32	100.30	101.80	1.50	38	12	5	0.00	1.00	1.00	6.781	6.781		c						
			0.00			13	0.00	0.50	0.50	3.416	6.832		c						
Tot/Avg			1.50						1.50	10.197	6.798	100.0		44.94	0.14	2.94	1.57		10.197
33	101.80	103.30	1.50	39	13	1	0.50	1.00	0.50	4.073	8.146		c						
			0.00			2	0.00	1.00	1.00	7.454	7.454		c						
			0.00			3	0.00	0.14	0.14	0.708	5.057		c						
Tot/Avg			1.50						1.64	12.235	7.480	109.3		45.57	0.10	2.81	0.87		12.235
34	103.30	104.80	1.50	40	13	3	0.14	1.00	0.86	6.160	7.163		c						
			0.00			4	0.00	0.91	0.91	6.733	7.399		c						
Tot/Avg			1.50						1.77	12.893	7.284	118.0		45.58	0.11	2.79	1.01		12.893
35	104.80	106.30	1.50	41	13	4	0.91	1.00	0.09	0.560	6.222		c						
			0.00			5	0.00	1.00	1.00	8.348	8.348		c						
			0.00			14	0.00	0.56	0.56	4.494	8.025		c						
Tot/Avg			1.50						1.85	13.402	8.122	110.0		48.32	0.22	1.93	0.87		13.402
36	106.30	107.80	1.50	42	14	1	0.56	1.00	0.44	3.273	7.439		c						
			0.00			2	0.00	1.00	1.00	8.404	8.404		c						
			0.00			3	0.00	0.16	0.16	0.739	4.619		c						
Tot/Avg			1.50						1.80	12.418	7.780	108.7		42.43	0.77	1.22	4.94		12.418
37	107.80	109.30	1.50	43	14	3	0.16	1.00	0.84	6.946	8.269		c						
			0.00			4	0.00	0.77	0.77	6.108	7.932		c						
Tot/Avg			1.50						1.61	13.054	8.108	107.3		46.39	0.32	2.21	1.41		13.054
38	109.30	110.80	1.50	44	14	4	0.77	1.00	0.23	1.836	7.983		c						
			0.00			5	0.00	1.00	1.00	7.843	7.843		c						
			0.00			15	0.00	0.43	0.43	3.555	8.267		c						
Tot/Avg			1.50						1.88	13.234	7.972	110.7		45.51	0.35	1.88	1.55		13.234

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Core Log Sheet

Hole No:

AR-9

Page No:

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg
39	110.80	112.30	1.50	45	15	1	0.43	1.00	0.57	4.865	8.535		c					
			0.00				0.00	1.00	8.401	8.401								
			0.00				0.00	0.10	0.604	6.040								
Tot/Avg			1.60					1.87	13.870	8.305	111.3			44.80	0.41	2.72	2.15	13.870
40	112.30	113.80	1.50	46	15	3	0.10	1.00	0.90	6.868	7.631		c					
			0.00				0.00	0.63	4.978	7.902								
			0.00				0.00											
Tot/Avg			1.60					1.53	11.848	7.742	102.0			45.58	0.48	2.29	1.43	11.848
41	113.80	115.30	1.50	47	15	4	0.63	1.00	0.37	2.081	5.624		c/cav					
			0.00				0.00	1.00	8.289	8.289								
			0.00				0.00	0.30	2.440	8.133								
Tot/Avg			1.50					1.67	12.810	7.671	111.3			43.18	0.63	2.24	3.85	12.810
42	115.30	117.80	2.50	48	16	1	0.30	1.00	0.70	5.661	8.087		c					
			0.00				0.00	0.52	3.751	7.213								
			0.00				0.00											
Tot/Avg			2.60					1.22	8.412	7.715	48.8			48.48	0.19	1.41	1.02	8.412
43	117.80	119.40	1.60	49	16	2	0.52	1.00	0.48	3.693	7.694		c					
			0.00				0.00	1.00	8.115	8.115								
			0.00				0.00	0.28	2.007	7.168								
Tot/Avg			1.60					1.76	13.815	7.849	110.0			44.91	0.26	4.45	0.80	13.815
44	119.40	121.00	1.60	50	16	4	0.28	1.00	0.72	5.310	7.375		c					
			0.00				0.00	1.00	7.998	7.998								
			0.00				0.00											
Tot/Avg			1.60					1.72	13.308	7.737	107.5			44.95	0.36	3.93	0.87	13.308
45	121.00	122.60	1.60	51	17	1	0.00	1.00	1.00	7.791	7.791		c					
			0.00				0.00	0.70	5.314	7.591								
			0.00				0.00											
Tot/Avg			1.60					1.70	13.105	7.709	106.3			44.81	0.21	3.25	1.88	13.105
46	122.60	124.20	1.60	52	17	2	0.70	1.00	0.30	1.836	6.120		c					
			0.00				0.00	1.00	7.415	7.415								
			0.00				0.00	0.55	4.299	7.816								
Tot/Avg			1.60					1.85	13.550	7.324	118.6			48.42	0.28	2.92	0.98	13.550
47	124.20	125.80	1.60	53	17	4	0.55	1.00	0.45	3.500	7.778		f					
			0.00				0.00	1.00	8.009	8.009								
			0.00				0.00	0.20	1.544	7.720								
Tot/Avg			1.60					1.85	13.053	7.911	103.1			45.33	0.60	4.09	1.24	13.053
48	125.80	127.30	1.50	55	18	1	0.20	1.00	0.80	5.920	7.400		c					
			0.00				0.00	1.00	7.870	7.870								
			0.00				0.00											
Tot/Avg			1.50					1.80	13.790	7.681	120.0			48.28	0.20	2.71	0.84	13.790
49	127.30	128.80	1.50	56	18	3	0.00	1.00	1.00	8.082	8.082		c					
			0.00				0.00	0.53	4.443	8.383								
			0.00				0.00											
Tot/Avg			1.60					1.63	12.525	8.186	102.0			45.62	0.27	3.65	0.77	12.525
50	128.80	130.30	1.50	57	18	4	0.53	1.00	0.47	3.394	7.221		c					
			0.00				0.00	1.00	7.751	7.751								
			0.00				0.00	0.16	1.110	6.938								
Tot/Avg			1.60					1.83	12.255	7.518	108.7			46.05	0.31	2.85	1.78	12.255
51	130.30	131.80	1.50	58	19	1	0.16	1.00	0.84	6.236	7.424		c					
			0.00				0.00	0.85	6.548	7.704								
			0.00				0.00											
Tot/Avg			1.60					1.89	12.784	7.584	112.7			48.41	0.31	1.38	1.38	12.784

571119

Core Log Sheet

Hole No: AR-8

Page No: 5

Run No.	Intercuts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)					Recov. %	Descr.	Assays				Mass kg			
	From	To	Lnth.				From	To	Lnth.	Mass (kg)	Kg/m			MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %				
52	131.80	133.30	1.50	59	19	2	0.85	1.00	0.15	0.901	6.007		c								
			0.00			3	0.00	1.00	1.00	8.029	8.029		c								
			0.00			4	0.00	0.60	0.60	4.781	7.968		c								
			Tot/Avg				1.50					1.75	13.711	7.835	118.7		45.70	0.48	2.68	1.42	13.711
53	133.30	134.80	1.50	60	19	4	0.60	1.00	0.40	3.153	7.883		c								
			0.00			5	0.00	0.90	0.90	6.400	7.111		c/cav								
			0.00									1.30	9.553	7.348	88.7		40.64	0.92	0.88	7.21	9.553
			Tot/Avg				1.50														
54	134.80	137.20	2.40	61A	19	5	0.90	1.00	0.10	0.620	6.200		f								
			0.00			61	20	1	0.00	1.00	1.00	7.462	7.462		c/cav						
			0.00					2	0.00	0.65	0.65	5.378	8.274		c						
			Tot/Avg				2.40						1.75	13.460	7.891	72.9		43.28	0.87	2.82	4.12
55	137.20	138.80	1.60	62	20	2	0.65	1.00	0.35	2.603	7.437		c								
			0.00					3	0.00	1.00	1.00	7.998	7.998		c						
			0.00					4	0.00	0.33	0.33	2.379	7.209		c						
			Tot/Avg				1.60					1.68	12.980	7.728	105.0		43.78	0.65	5.44	2.98	12.980
56	138.80	140.40	1.60	63	20	4	0.33	1.00	0.67	4.921	7.345		c								
			0.00					5	0.00	1.00	1.00	7.133	7.133		c						
			0.00					21	1	0.00	0.20	0.20	1.474	7.370		c					
			Tot/Avg				1.60					1.87	13.528	7.234	118.9		41.79	0.93	12.84	2.23	13.528
57	140.40	142.00	1.60	64	21	1	0.20	1.00	0.80	5.856	7.320		c								
			0.00					2	0.00	1.00	1.00	7.567	7.567		c						
			0.00									1.80	13.423	7.457	112.5		44.32	0.38	3.57	3.02	13.423
			Tot/Avg				1.60														
58	142.00	143.60	1.60	65	21	3	0.00	1.00	1.00	7.270	7.270		c								
			0.00					4	0.00	0.74	0.74	5.911	7.988		c						
			0.00									1.74	13.181	7.575	108.8		42.88	0.44	6.68	1.58	13.181
			Tot/Avg				1.60														
59	143.60	145.70	2.10	66	21	4	0.74	1.00	0.26	1.554	5.977		c								
			0.00					5	0.00	1.00	1.00	7.784	7.784		c						
			0.00					22	1	0.00	0.55	0.55	4.364	7.935		c					
			Tot/Avg				2.10					1.81	13.702	7.570	88.2		41.05	0.32	5.70	4.55	13.702
60	145.70	146.70	1.00	67	22	1	0.55	1.00	0.45	3.050	6.778		c								
			0.00					2	0.00	1.00	1.00	7.725	7.725		c						
			0.00					3	0.00	0.37	0.37	2.803	7.576		c						
			Tot/Avg				1.00					1.82	13.578	7.460	182.0		43.52	0.48	5.43	2.75	13.578
61	146.70	148.30	1.60	68	22	3	0.37	1.00	0.63	4.525	7.183		c								
			0.00					4	0.00	1.00	1.00	7.626	7.626		c						
			0.00					5	0.00	0.15	0.15	1.150	7.667		c						
			Tot/Avg				1.60					1.78	13.301	7.472	111.2		43.86	0.42	3.79	1.68	13.301
62	148.30	149.80	1.50	69	22	5	0.15	1.00	0.85	6.195	7.288		c								
			0.00					23	1	0.00	0.90	0.90	7.197	7.997		c					
			0.00									1.75	13.392	7.653	116.7		44.58	0.43	4.65	1.80	13.392
			Tot/Avg				1.50														
63	149.80	151.40	1.60	70	23	1	0.80	1.00	0.10	0.554	5.540		c								
			0.00					2	0.00	1.00	1.00	7.080	7.080		c						
			0.00					3	0.00	0.72	0.72	5.422	7.531		c						
			Tot/Avg				1.60					1.82	13.058	7.174	113.8		45.33	0.37	1.66	2.07	13.058
64	151.40	152.80	1.40	71	23	3	0.72	1.00	0.28	2.020	7.214		c								
			0.00					4	0.00	1.00	1.00	8.415	8.415		c						
			0.00					5	0.00	0.20	0.20	1.377	6.885		c						
			Tot/Avg				1.40					1.48	11.812	7.981	105.7		48.01	0.18	0.70	0.80	11.812

571120

Cure Log Sheet

Hole No: AR-9

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Run No.	Intercasts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays						
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg		
65	152.80	154.30	1.50	72	23	5	0.20	1.00	0.80	8.563	8.204		c							
			0.00		24	1	0.00	0.78	0.78	6.440	8.256		c							
Tot/Avg			1.50						1.58	13.003	8.230	103.3		45.92	0.12	0.16	2.06		13.003	
66	154.30	155.80	1.50	73	24	1	0.78	1.00	0.22	1.435	6.523		c							
			0.00			2	0.00	1.00	1.00	8.220	8.220		c							
			0.00			3	0.00	0.43	0.43	3.204	7.451		c							
Tot/Avg			1.50						1.65	12.859	7.783	110.0		45.53	0.14	1.00	1.95		12.859	
67	155.80	157.30	1.50	74	24	3	0.43	1.00	0.57	4.647	8.153		c							
			0.00			4	0.00	1.00	1.00	7.971	7.971		c							
Tot/Avg			1.50						1.57	12.618	8.037	104.7		43.88	0.31	1.16	3.29		12.618	
68	157.30	158.80	1.50	75	24	5	0.00	1.00	1.00	7.418	7.418		c							
			0.00		25	1	0.00	0.39	0.39	2.521	6.464		c/cav							
Tot/Avg			1.50						1.39	9.939	7.160	92.7		46.29	0.19	0.73	1.21		9.939	
69	158.80	163.30	4.50	76	25	1	0.39	1.00	0.61	4.067	6.667		c							
			0.00			2	0.00	0.70	0.70	5.229	7.470		c							
			0.00				0.70	1.00	0.30	0.707	2.357		f							
Tot/Avg			4.50						1.61	10.003	6.213	35.8		43.42	0.51	1.85	1.74		10.003	
70	163.30	164.80	1.50	77A	25	3	0.00	0.10	0.10	0.821	8.210		f							
			0.00	77			0.10	1.00	0.90	6.870	7.633		c							
			0.00			4	0.00	0.42	0.42	3.001	7.145		c							
Tot/Avg			1.50						1.42	10.692	7.630	94.7		32.31	1.29	0.90	16.74		10.692	
71	164.80	166.40	1.60	78A	25	4	0.42	0.62	0.20	1.268	6.340		f							
			0.00	78			0.62	1.00	0.38	2.469	6.497		c							
			0.00			5	0.00	1.00	1.00	7.613	7.613		c							
			0.00		26	1	0.00	0.22	0.22	1.117	5.077		c							
Tot/Avg			1.60						1.80	12.487	6.926	112.3		30.97	1.44	1.03	19.17		12.487	
72	166.40	167.80	1.40	79	26	1	0.22	1.00	0.78	5.825	7.468		c							
			0.00			2	0.00	0.73	0.73	5.770	7.904		c							
Tot/Avg			1.40						1.51	11.595	7.679	107.9		40.07	0.87	2.74	7.48		11.595	
73	167.80	169.30	1.50	80	26	2	0.73	1.00	0.27	1.598	5.919		c							
			0.00			3	0.00	1.00	1.00	7.974	7.974		c							
			0.00			4	0.00	0.44	0.44	3.417	7.766		c							
Tot/Avg			1.50						1.71	12.989	7.598	114.0		40.38	0.95	1.11	7.84		12.989	
74	169.30	170.80	1.50	81	26	4	0.44	1.00	0.56	4.139	7.391		c							
			0.00			5	0.00	1.00	1.00	7.304	7.304		c							
Tot/Avg			1.50						1.56	11.443	7.335	104.0		37.27	1.08	3.82	10.60		11.443	
75	170.80	172.40	1.60	82	27	1	0.00	1.00	1.00	7.471	7.471		c							
			0.00			2	0.00	0.67	0.67	5.108	7.624		c							
Tot/Avg			1.60						1.67	12.579	7.532	104.4		33.17	0.90	4.33	16.89		12.579	
76	172.40	173.80	1.40	83	27	2	0.67	1.00	0.33	2.717	8.233		c							
			0.00			3	0.00	1.00	1.00	7.943	7.943		c							
			0.00			4	0.00	0.15	0.15	0.886	5.907		c							
Tot/Avg			1.40						1.49	11.648	7.801	108.7		44.13	0.80	3.18	3.30		11.648	
77	173.80	175.30	1.50	84	27	4	0.15	1.00	0.85	6.746	7.936		c							
			0.00			5	0.00	0.85	0.85	6.844	8.052		c							
Tot/Avg			1.50						1.70	13.590	7.994	113.3		48.15	0.29	2.22	1.30		13.590	

571121

Core Log Sheet

Hole No: AR-9

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Run No	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays				
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg
78	175.30	176.80	1.50	85	27	5	0.85	1.00	0.15	1.119	7.460	c						
			0.00				0.00	1.00	8.292	8.292	c							
			0.00				0.00	0.45	0.45	3.350								7.444
Tot/Avg			1.50					1.60	12.761	7.976	108.7		46.72	0.27	2.17	0.88	12.761	
79	176.80	178.30	1.50	86	28	2	0.45	1.00	0.55	4.473	8.133	c						
			0.00				0.00	1.00	8.533	8.533	c							
Tot/Avg			1.50					1.55	13.008	8.391	103.3		45.01	0.32	1.30	2.33	13.008	
80	178.30	179.80	1.50	87	28	4	0.00	1.00	1.00	7.797	7.797	c						
			0.00				0.00	0.72	0.72	5.053	7.018							c
Tot/Avg			1.50					1.72	12.850	7.471	114.7		43.85	0.46	0.95	4.08	12.850	
81	179.80	181.30	1.50	88	28	5	0.72	1.00	0.28	2.232	7.971	c						
			0.00				0.00	1.00	7.913	7.913	c							
			0.00				0.00	0.32	0.32	2.429								7.591
Tot/Avg			1.50					1.60	12.574	7.859	108.7		43.10	0.63	1.80	4.93	12.574	
82	181.30	182.80	1.50	89	29	2	0.32	1.00	0.68	5.138	7.556	c						
			0.00				0.00	1.00	7.946	7.946	c							
Tot/Avg			1.50					1.69	13.084	7.788	112.0		44.10	0.44	0.74	4.16	13.084	
83	182.80	184.30	1.50	90	29	4	0.00	1.00	1.00	8.415	8.415	c						
			0.00				0.00	0.55	0.55	4.447	8.085							c
Tot/Avg			1.50					1.56	12.882	8.298	103.3		45.80	0.38	1.88	2.30	12.882	
84	184.30	185.80	1.50	91	29	5	0.55	1.00	0.45	3.481	7.736	c						
			0.00				0.00	1.00	8.369	8.369	c							
			0.00				0.00	0.20	0.20	1.374								6.870
Tot/Avg			1.50					1.85	13.224	8.015	110.0		46.63	0.29	0.68	0.98	13.224	
85	185.80	187.30	1.50	92	30	2	0.20	1.00	0.80	6.812	8.515	c						
			0.00				0.00	0.82	0.82	6.077	7.411							c
Tot/Avg			1.50					1.62	12.889	7.958	108.0		46.03	0.22	0.47	2.00	12.889	
86	187.30	188.80	1.50	93	30	3	0.82	1.00	0.18	0.978	5.433	c						
			0.00				0.00	1.00	7.805	7.805	c							
			0.00				0.00	0.52	0.52	3.991								7.675
Tot/Avg			1.50					1.70	12.774	7.514	113.3		45.37	0.29	1.04	2.64	12.774	
87	188.80	190.30	1.50	94	30	5	0.52	1.00	0.48	3.606	7.513	c						
			0.00				0.00	1.00	8.619	8.619	c							
			0.00				0.00	0.27	0.27	1.884								6.978
Tot/Avg			1.50					1.75	14.109	8.982	118.7		45.98	0.24	1.48	1.59	14.109	
88	190.30	191.80	1.50	95	31	2	0.27	1.00	0.73	5.953	8.155	c						
			0.00				0.00	0.77	0.77	6.285	8.162							c
Tot/Avg			1.50					1.50	12.238	8.159	100.0		45.31	0.22	1.90	2.18	12.238	
89	191.80	193.30	1.50	96	31	3	0.77	1.00	0.23	1.715	7.457	c						
			0.00				0.00	1.00	8.165	8.165	c							
			0.00				0.00	0.30	0.30	2.391								7.970
Tot/Avg			1.50					1.53	12.271	8.020	102.0		46.40	0.26	1.40	0.98	12.271	
90	193.30	194.80	1.50	97	31	5	0.30	1.00	0.70	5.578	7.969	c						
			0.00				0.00	0.90	0.90	7.273	8.081							c
Tot/Avg			1.50					1.60	12.851	8.032	108.7		46.37	0.20	2.34	1.01	12.851	

571122

Core Log Sheet

Hole No:

AR-8

Page No:

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Run No.	Intercepts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays					
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %	Mass kg	
91	194.80	196.30	1.50	98	32	1	0.90	1.00	0.10	0.335	3.350		c						
			0.00			2	0.00	1.00	1.00	8.231	8.231		c						
			0.00			3	0.00	0.67	0.67	5.514	8.230		c						
TotUAvg			1.50					1.77	14.080	7.956	118.0			44.92	0.39	2.75	2.34	14.080	
92	196.30	197.80	1.50	99	32	3	0.67	1.00	0.33	2.720	8.242		c						
			0.00			4	0.00	1.00	1.00	8.219	8.219		c						
			0.00			5	0.00	0.20	0.20	1.672	8.360		c						
TotUAvg			1.50					1.53	12.811	8.242	102.0			45.47	0.23	2.47	2.33	12.811	
93	197.80	199.30	1.50	100	32	5	0.20	1.00	0.80	6.663	8.329		c						
			0.00			33	1	0.00	0.85	0.85	7.081	8.331		c					
			0.00																
TotUAvg			1.50					1.85	13.744	8.330	110.0			44.29	0.22	2.69	3.38	13.744	
94	199.30	200.60	1.30	101	33	1	0.85	1.00	0.15	1.350	9.000		c						
			0.00			2	0.00	1.00	1.00	8.078	8.078		c						
			0.00			2	0.00	0.36	0.36	2.773	7.703		c						
TotUAvg			1.30					1.51	12.201	8.080	116.2			48.32	0.14	3.68	0.83	12.201	
95	200.60	202.30	1.70	102	33	3	0.36	1.00	0.64	5.194	8.116		c						
			0.00			4	0.00	1.00	1.00	8.003	8.003		c						
			0.00																
TotUAvg			1.70					1.84	13.197	8.047	98.5			44.73	0.16	3.43	2.30	13.197	
96	202.30	203.60	1.30	103	33	5	0.00	1.00	1.00	7.621	7.621		c						
			0.00			34	1	0.00	0.65	0.65	5.211	8.017		c					
			0.00																
TotUAvg			1.30					1.88	12.832	7.777	126.9			45.82	0.17	1.65	1.84	12.832	
97	203.60	205.30	1.70	104	34	1	0.65	1.00	0.35	2.536	7.246		c						
			0.00			2	0.00	1.00	1.00	7.912	7.912		c						
			0.00			3	0.00	0.34	0.34	2.806	8.253		c						
TotUAvg			1.70					1.69	13.254	7.843	99.4			45.29	0.10	1.78	1.29	13.254	
98	205.30	206.80	1.50	105	34	3	0.34	1.00	0.66	4.861	7.365		c						
			0.00			4	0.00	1.00	1.00	7.876	7.876		c						
			0.00																
TotUAvg			1.50					1.66	12.737	7.873	110.7			43.21	0.24	2.24	4.62	12.737	
99	206.80	208.30	1.50	106	34	5	0.00	1.00	1.00	8.463	4.332		c						
			0.00			35	1	0.00	0.58	0.58	4.332	7.469		c					
			0.00																
TotUAvg			1.50					1.58	12.795	8.098	106.3			45.67	0.23	2.03	2.12	12.795	
100	208.30	209.80	1.50	107	35	1	0.58	1.00	0.42	3.415	8.131		c						
			0.00			2	0.00	1.00	1.00	8.182	8.182		c						
			0.00			3	0.00	0.24	0.24	1.337	5.571		c						
TotUAvg			1.50					1.66	12.834	7.792	110.7			42.74	0.49	3.94	4.54	12.834	
101	209.80	211.30	1.50	108	35	3	0.24	1.00	0.76	6.169	8.117		c						
			0.00			4	0.00	0.85	0.85	6.892	8.108		c						
			0.00																
TotUAvg			1.50					1.61	13.061	8.112	107.3			40.86	0.99	5.41	5.55	13.061	
102	211.30	212.80	1.50	109	35	4	0.85	1.00	0.15	1.103	7.353		c						
			0.00			5	0.00	1.00	1.00	8.147	8.147		c						
			0.00			36	1	0.00	0.45	0.45	3.379	7.509		c					
TotUAvg			1.50					1.60	12.828	7.893	106.7			38.25	1.32	8.72	4.72	12.828	
103	212.80	214.30	1.50	110	36	1	0.45	1.00	0.55	4.394	7.989		c						
			0.00			2	0.00	1.00	1.00	7.754	7.754		c						
			0.00			3	0.00	0.15	0.15	0.817	5.447		c						
TotUAvg			1.50					1.70	12.865	7.626	113.3			44.33	0.62	2.81	2.89	12.865	

571123

Core Log Sheet

Hole No: AR-8

Page No: 9

Run No.	Intercuts (m)			Bag No.	Tray No.	Row No.	Actual Lengths (m)			Mass (kg)	Kg/m	Recov. %	Descr.	Assays					Mass kg			
	From	To	Lnth.				From	To	Lnth.					MgO %	Fe ₂ O ₃ %	SiO ₂ %	CaO %					
104	214.30	215.80	1.50	111	36	3	0.15	1.00	0.85	7.001	8.236		c									
			0.00					4	0.00	0.68	0.68									5.555	8.169	
Tot/Avg			1.50						1.53	12.556	8.207	102.0		44.89	0.46	2.70	2.52	12.556				
105	215.80	217.30	1.50	112	36	4	0.68	1.00	0.32	2.695	8.422		c									
			0.00					5	0.00	1.00	1.00									8.211	8.211	
			0.00					37	1	0.00	0.30									0.30	2.365	7.883
Tot/Avg			1.50						1.62	13.271	8.192	108.0		45.10	0.38	3.19	1.73	13.271				
106	217.30	218.80	1.50	113	37	1	0.30	1.00	0.70	5.570	7.957		c									
			0.00					2	0.00	0.54	0.54									3.778	6.996	
			0.00					113A		0.54	1.00									0.46	2.539	5.520
Tot/Avg			1.50						1.70	11.887	6.992	113.3		45.31	0.42	3.04	1.07	11.887				
107	218.80	220.40	1.60	114A	37	3	0.00	0.30	0.30	2.101	7.003		f									
			0.00					114		0.30	1.00									0.70	5.506	7.866
			0.00							0.00	0.80									0.80	5.425	6.781
Tot/Avg			1.60						1.80	13.032	7.240	112.5		45.07	0.42	5.81	0.77	13.032				
108	220.40	221.80	1.40	115	37	4	0.80	1.00	0.20	1.530	7.650		c									
			0.00					5	0.00	1.00	1.00									7.818	7.818	
			0.00					38	1	0.00	0.35									0.35	2.652	7.577
Tot/Avg			1.40						1.95	12.000	7.742	110.7		40.34	0.21	15.02	0.85	12.000				
109	221.80	223.30	1.50	116	38	1	0.35	1.00	0.65	4.291	6.602		c									
			0.00					2	0.00	1.00	1.00									7.780	7.780	
			0.00							3	0.00									0.09	0.09	0.428
Tot/Avg			1.50						1.74	12.499	7.183	118.0		40.93	0.45	14.23	0.23	12.499				
110	223.30	224.80	1.50	117	38	3	0.09	0.63	0.54	3.287	6.087		f									
			0.00					118		0.63	1.00									0.37	2.707	7.316
			0.00					119A		0.00	0.17									0.17	1.017	5.982
			0.00					119		4	0.17									0.73	0.56	4.507
Tot/Avg			1.50						1.84	11.518	7.023	109.3		40.73	1.01	14.16	0.30	11.518				
111	224.80	226.30	1.50	120	38	4	0.73	1.00	0.27	1.328	4.919		c									
			0.00					5	0.00	1.00	1.00									7.816	7.816	
			0.00							39	1									0.00	0.42	0.42
Tot/Avg			1.50						1.69	12.527	7.412	112.7		38.88	0.28	16.89	0.81	12.527				
112	226.30	227.80	1.50	121	39	1	0.42	1.00	0.58	3.807	6.564		c									
			0.00					2	0.00	1.00	1.00									7.300	7.300	
			0.00							3	0.00									0.28	0.28	1.857
Tot/Avg			1.50						1.88	12.864	6.970	124.0		39.40	0.29	18.01	1.14	12.964				
113	227.80	229.30	1.50	122	39	3	0.28	1.00	0.72	5.331	7.404		c									
			0.00					4	0.00	1.00	1.00									7.492	7.492	
Tot/Avg			1.50						1.72	12.823	7.455	114.7		37.88	0.54	8.78	8.61	12.823				
114	229.30	230.80	1.50	123	39	5	0.00	1.00	1.00	8.194	8.194		c									
			0.00					40	1	0.00	0.60									0.60	4.839	8.065
Tot/Avg			1.50						1.60	13.033	8.148	106.7		43.53	0.89	5.19	2.86	13.033				
115	230.80	232.30	1.50	124	40	1	0.60	1.00	0.40	2.840	7.100		c									
			0.00					2	0.00	0.50	0.50									3.888	7.776	
			0.00					124A		0.50	1.00									0.50	1.965	3.930
			0.00					124B		3	0.00									0.55	0.55	2.895
Tot/Avg			1.50						1.95	11.588	5.943	130.0		19.12	8.27	28.06	10.28	11.588				

2 SiO₂

571124

AR 10

571125

APPX 5

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: PL 8518

Co-ordinates: Azimuth: 330° TEJE
 RL Collar: Inclination: -46°

Drillers: KAYE / BILTONS
 Drill Types: LONGERE 38

Commenced: 30 JULY 1997 Depth: 219.5m Hole No: AR 10
 Completed: 21 August 97 Casing Left: approx 50m HW DPO No's:

+ floor board

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by									
From (m)	To (m)	Rec (m)	Core Size							Mostly Buff	Mostly White	% Cryptocryst Magnesite	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3
0	7.70	OPEN	HOLE		TELCONE ALLUVIALS														
7.70	17.70	2%	HQ		Clay cavities and 10cm of brown magnesite														
17.70	19.50	0%	"		Cavity no return														
19.50	21.50		"		Broken, brown magnesite														
21.50	21.80		"		"														
21.80	26.30	10%	"		Clay and broken brown magnesite 22.30-23m solid 23-26.30 clay														
26.30	27.40	0%	"		no return clay and cavity														
27.40	29.30	66%	"		Clay														
29.30	30.80	-			Cavity														
30.80	33.80	30%	"		Creamy broken magnesite 31.4-33.8 Creamy clay														
33.80	36.50	65%	"		Broken decomposed magnesite and white creamy fuggy clay														
			"		(70cm cavity)														
			"		Pale khaki fuggy clay 33.8-34.8														
			"		Pale grey fuggy clay 34.8-35.8														

571126

Co-ordinates: Azimuth:

Drillers:

Commenced:

Depth:

Hole No: **AR10**

RL Collar: Inclination:

Drill Types:

Completed:

Casing Left:

DPO No's:

Depth		Core		Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by									
From (m)	To (m)	Rec (m)	Core Size								Mostly Buff	White	% Cryptocryst Magnesite	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3
93.7	95.8	100%	H0			Fe stained magnesite														
93.8	94.6	25%	"			Cavity														
94.6	96.7	10%	"			Cavity														
96.7	96.9	0%	"			Cavity														
96.9	98.6	100%	"			Buff + yellow magnesite with wavy dolomite														
98.6	99.5	100%	"			Yellow buff broken magnesite														
99.5	101.1	100%	"			White magnesite and dolomite and buff magnesite														
101.1	102.6	100%	"			buff Fe stained and white mag. with many dol.														
102.6	104.2	100%	"			Creamy col. Magnesite														
104.2	105.7	100%	"			" last 50cm white														
105.7	108.7	100%	"			Creamy white magnesite														
108.7	110.3	100%	"			" bit jointed														
110.3	111.7	100%	"			massive magnesite														
111.7	115.3	100%	"			" part iron stained														
115.3	117.7	100%	"			"														
117.7	119.3	100%	"			massive white magnesite with														

571129

AR 10

571135

START OF CORING →



AR 10
TRAY 1

AR 10
TRAY 2
25.2m - 31.0m

AR 10
TRAY 3
31.4 - 37.8m

AR 10
TRAY 4
37.8 - 43.0

42.41%

44.06%



LOW
GRADE

About
21-36% M.

AR 10 (CONT'D)



(NO PHOTO)

→ HIGH GRADE



AR 10 (CONT'D)

571137

74.7



99.4

99.4m



121.3m

121.3



145.2m

AR 10 (CONT'D)

571140

145.2m

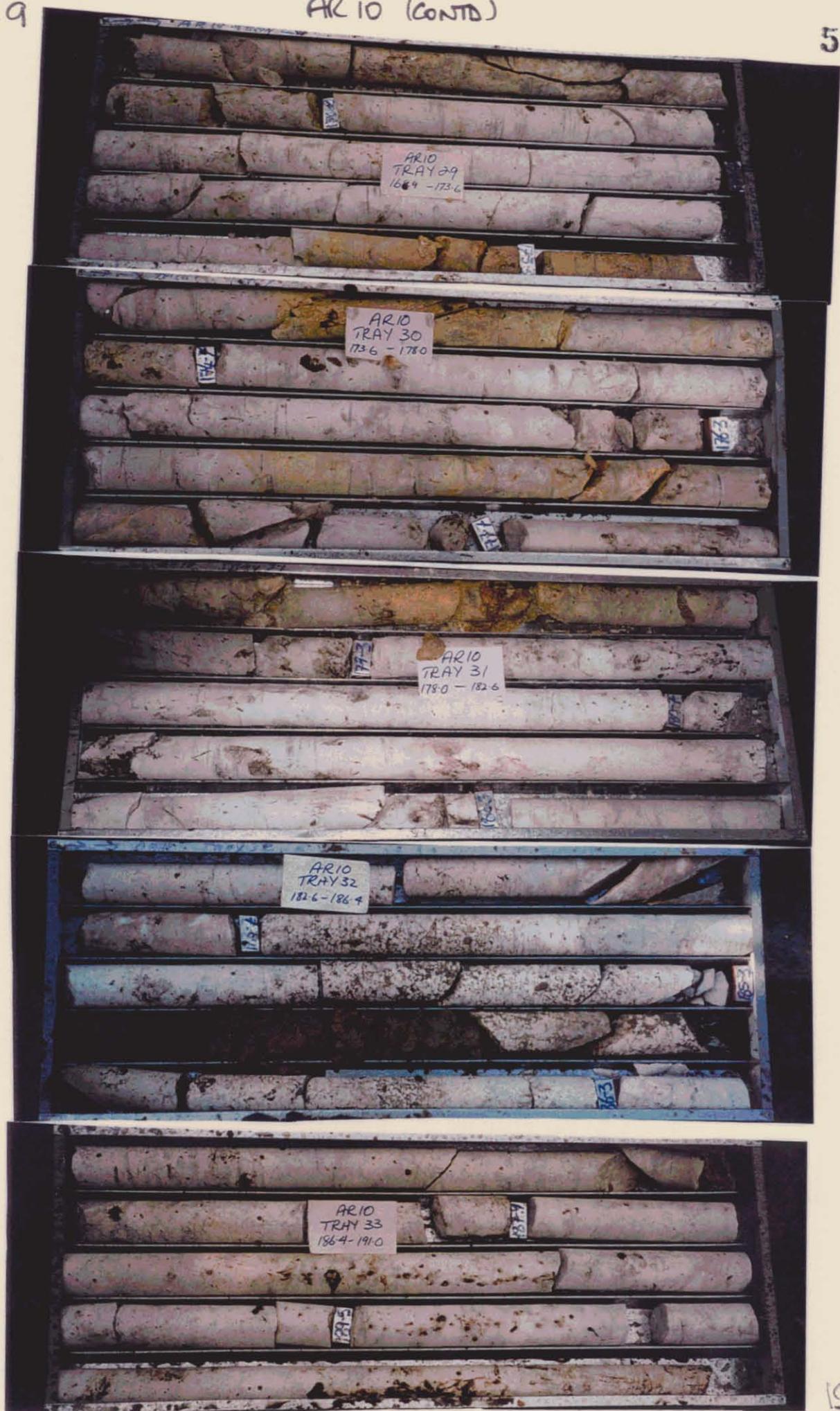


168.9

168.9

AR10 (CONTD)

571141



191.0

L91-0m

AR 10 (CONTD)

571142



213-3n

213.3m



219.5
E04

AR 11

571144

START OF CORING -

16.8 m



32 m

AR 11 (cont'd)

571145

32m



45m

book no. 1001
Appx. 6

571148

DDH AR12

Co-ordinates:..... Azimuth:.....

Drillers:.....

Commenced:.....

Depth:.....

Hole No.: AR12

RL Collar:..... Inclination:.....

Drill Types:.....

Completed:.....

Casing Left:.....

DPO No's:.....

Depth		Core	Core Size	Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by								
From (m)	To (m)	Rec (m)								Mostly		% Cryptocryst	Minerals in Sparry patches			MgO	CaO	SiO2
41.0	41.0	100	100		"													
41.4	43.9	100			" to 43.5 Thin 1/6 brown to red brown. Fe high weathered mag? "													
43.9	47.0	20			"													
47.0	48.9	38			"													
48.9	50.9	100			Weathered zone													
50.9	51.5	75			"													
51.5	54.1	80			"													
54.1	55.0	65			"													
55.0	55.0	50			"													

571150

21

DRILL CORE LOG

TASMANIA MAGNESITE NL

DIAMOND DRILLING TASMANIA

Tenement Name: K-33

Co-ordinates: 219° Mag
330° True
RL Collar: Azimuth: 330° True
Inclination: -46°

Drillers: KITE/BILLIOWS
Drill Types: Longear 38

Commenced: 22/8/97
Completed: 27/8/97

Plan-Map Reference:
Depth: 56.0 m
Casing Left: 0

Hole No: AR12
DPO No's:

Depth		Core		Graphic Log	Core Description	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by)									
From (m)	To (m)	Rec (m)	Core Size							Mostly Buff	White	% Cryptocryst Magnesite	Minerals in Sparry patches			MgO	CaO	SiO2	Al2O3
0	12.0		3pc	hole	Alluvial clay + grit														
11.0	12.8	100	PQ		Dk brown alluvial clay and grit														
12.8	14.8	60			Yellowish brown clay - 1 way weathered mag?														
14.8	16.5	41			"														
16.5	19.1	80%			" to 17.5 the dark brown clayey sand														
19.1	21.5	66			Dk brown - white clay														
21.5	23.1	75			Y brown + cream clay + quartz grit														
23.1	24.5	100			Yellow brown clay														
24.5	26.5	70			Y brown clay with residual mag? + dolomite?														
26.5	28.3	50			white clay with yellow patches														
28.3	30.2				Y brown clay														
30.2	32.4	55			" to 32.0														
32.4	32.9	40			Then coarse alluvial quartz and in clay														
32.9	35.15	100			Green schist clay - we all used														
35.15	37.4	95			"														
37.4	37.3	95			"														

571151

START OF CORING

AR 12

571153

12.00



35.5

35.5



65.00
F111