EXPLORATION LICENCE 7182

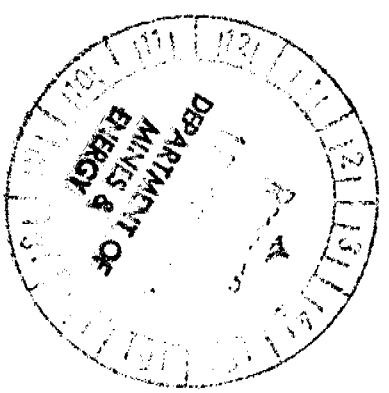
PEKO

THIRD ANNUAL REPORT

21 MAY 1993 - 20 MAY 1994

LICENSEES:

WILUNA GOLD PTY LTD (69%)
A.C.N. 009 751 795
and
GIANTS REEF MINING N.L. (31%)
A.C.N. 058 436 794



OPEN FILE

TENNANT CREEK 1:250 000
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TENNANT CREEK 1:100 000
5758

P. G. SIMPSON
DARWIN, N.T.
JULY, 1994

CR 94/733

SUMMARY

Exploration Licence 7182, Peko, is located 7 kilometres southeast from Tennant Creek. The licence was granted to Asarco Gold Pty Ltd, now Wiluna Gold Pty Ltd (Wiluna) on 21 May 1991 for a term of 4 years. It currently covers 5 blocks, after 5 of the original 10 blocks were relinquished at the end of the second year. Giants Reef Mining N.L. (Giants Reef) is now the operator under a joint venture agreement with Wiluna.

Target minerals are gold and copper orebodies.

The EL is mostly underlain by the Carraman Formation of the Warramunga Group, with younger units and the Tennant Creek Granite at its southern margin. The Juno and Peko gold mines lie within the EL boundaries, but under tenements held by other parties.

The major exploration work carried out during the third year of the licence was a vacuum drill geochemistry programme, in which 332 holes were drilled over a grid area north of the Juno mine. An extensive auger drilling traverse in the central part of the Licence was in progress at the end of the third year.

The area covered by vacuum drilling is of interest because of geophysical anomalies and the results of previous drilling there, although the vacuum drilling did not produce any definite geochemical anomalies. This area will be the subject of more detailed gridding, close-spaced geophysical surveys and drilling in the fourth year of tenure.

Total expenditure for the third year was $31,000.

CONTENTS

FIGURES

APPENDIX 1
DRILL SUMMARY SHEETS

Holes 1211 to 1542

APPENDIX 2
ASSAY RESULTS

Analabs Report No 101440.41.26971 Sample Nos. 307456 - 307600
Analabs Report No 101440.41.26962 Sample Nos. 307601 - 307760
Analabs Report No 101440.41.26972 Sample Nos. 307761 - 307793

1. INTRODUCTION

Asarco Gold Pty Ltd, now Wiluna Gold Pty Ltd, acquired EL 7182 in May 1991 to continue exploring for gold in the area around the Juno, Argo and Peko mines area after the expiry of their EL 5304. These two mines produced a total of 1.23 million ounces of gold.

Under an agreement with Wiluna, Giants Reef purchased 31% equity in EL 7182 and other tenements held by Wiluna in the Tennant Creek field, and took over the management of the Joint Venture in January 1994.

This report records the exploration work done on EL 7182 during the third year of the Licence, from 21 May 1993 to 20 May 1994.

2. LOCATION AND ACCESS

EL 7182, *Peko,* is located 7 kilometres southeast of Tennant Creek. Access is good, by the sealed roads which run through the EL from Tennant Creek to the Peko, Juno and Nobles Nob mines.

The area is flat and mostly covered with light scrub and spinifex.

3. TENURE

EL 7182 was granted on 21 May 1991 to Asarco Gold Pty Ltd, now Wiluna Gold Pty Ltd, for a term of 4 years. The Licence area originally covered 10 blocks. Five blocks were relinquished under the statutory halving requirements on 20 May 1993.

The Licence boundaries encompass 4 Mineral Claims, C1026, C1029, C1030 and C1031 which surround the Juno mining Leases.

Part of the Licence area and surroundings is now Aboriginal Freehold land. The Aboriginal title post-dates the granting of the EL.

4. GEOLOGY

The Licence area covers mostly sedimentary rocks including greywackes, siltstones, tuffs and shales of the weakly metamorphosed Carraman Formation, part of the Early Proterozoic Warramunga Group. Folding about east-west axes has produced a steep foliation in this direction. Outcrop within the Licence area is limited, with bedrock in most of the area concealed under sand, soil and consolidated alluvial outwash.

Within the EL south of the Juno mine are concealed rocks which may include the Rising Sun Conglomerate and a unit of felsic volcanic and sedimentary rocks, bordering on the Tennant Creek Granite further to the south (Le Messurier et. al., 1990).

5. EXPLORATION DURING THE YEAR

5.1 Vacuum drilling

At the Juno West grid, 332 vacuum drill holes totalling 1836.5 metres were drilled in July 1993. The aim was to determine gold, copper and bismuth values in soil and fossil lag (gravel) deposits, and perhaps to intersect gold mineralisation or its geochemical haloes in the underlying weathered bedrock. The vacuum drilling at Juno West was part of an extended campaign of vacuum drilling conducted by Wiluna over a number of its tenements in the Tennant Creek field.

The drilling was along 9 north-south lines spaced 50 metres apart, on a gridded area bounded by AMG co-ordinates 19800E to 21400E, and 21600N to 23400N, as shown on Asarco Plan No. 8516 included with this report. The drilling contractor was Vacuum Drilling Pty Ltd of Dongara, Western Australia, using a Toyota Landcruiser-mounted rig.

The assay values for gold and bismuth are very low and not anomalous. The copper values are similarly low with most values below 20ppm Cu; the highest values are 80 and 109 ppm Cu occurring in holes 1500 and 1508 respectively."

Samples were taken from the one-metre interval containing the base of the fluvial overburden (referred to as hardpan or hardpan conglomerate) which overlay the saprolitic weathered top of the bedrock. As well, samples were taken from many holes from within the overburden, to test the whole fluvial-soil sequence.

The samples were sent to Analabs in Townsville for gold, copper and bismuth analysis. Methods 334 (for Au) and 115 (for Cu and Bi) were used. Both methods use an Aqua Regia digest on a 30 gram sample, with carbon rod-AAS determination for gold and conventional AAS determination for copper and bismuth.

Figures 3 and 4 show the gold and copper results respectively. The low order gold and copper results do not form any clear pattern. Bismuth results were not plotted as all the bismuth results were below the detection limit.

In August 1993, consultant geologist W Gifford produced an in-house report for Wiluna (Asarco) on vacuum drilling at six of their Tennant Creek prospects. An extract from the section on EL 7182 follows:

Rock outcrop and subcrop occurs over most of the southern half of the grid with a buried paleochannel-drainage system underlying the northeastern quadrant. The fluvial sequence generally comprises an upper dark red brown silt-sand-gravel section and a lower yellow silt-gravel section resting on clays or saprolitic basement. The basement lithologies are varieties of the Proterozoic Warramunga Group which include siltstones, variably silicified and ironstained, and fine grained free quartz varieties of felsic igneous rocks which may be tuffs or very fine grained intrusives. Very hard silicified clays were sporadically encountered which may be related to weathered carbonates, and therefore indicate some proximity to alteration haloes of the 'Tennant Creek Au/Cu orebody type'.

5.2 Auger drilling

In June 1994 Giants Reef conducted an auger drilling programme to test the thickness of the cover material concealing the bedrock, and to gain geochemical information from bedrock assays. The drilling was along a traverse line running between the Juno and Peko mines, east and northeast of the Juno North vacuum drilling area described in Section 5.

The traverse followed the cleared fence line track paralleling the old sealed Juno access road. The starting point was the fence corner at AMG co-ordinates 421125E:21800N, from where the line ran northeasterly to the end of the traverse at AMG co-ordinates 423200E:23400N.

The rig used was a Jacro 200, owned by Giants Reef. Holes were drilled at 50 metre intervals along the traverse line. Most of the holes had difficulty reaching bedrock because of hardpan stoney layers in the overburden.

As the work had not been completed at the anniversary date, results are not reported here.

6. CONCLUSIONS

The vacuum drillhole geochemistry did not locate any clearly discernible gold, bismuth or copper anomalies over the grid area north of the Juno mine. However, from previous work by other companies, including drilling by Geopeko and by Asarco at the Juno North prospect, this area is still of considerable interest because of gravity and magnetic features. These will be explored in the fourth year of tenure.

7. EXPENDITURE

The minimum expenditure covenant for the third year of EL 7182 was $25,000.

Total expenditure during the third year was as follows:

		$
• Geological reconnaissance		3,400
• Surveying, gridding, clearing		13,650
• Vacuum drilling		8,150
• Assaying		4,300
• Overheads		1,500
	TOTAL	$31,000

8. PROGRAMME FOR FOURTH YEAR

During the fourth year of tenure it is proposed to carry out the following exploration:

(i) Line clearing, re-gridding and optical levelling of the vacuum drilling grid area north of the Juno mine (refer Section 5.1; Figures 3,4 and 5) and over the part-block of EL 7182 south of the Juno mine. Mineral Claims C1030 and C1031 (refer Figure 2) will also be included in this gridding programme. The new grid will have north-south lines at 100 metre spacings, not 200 metre spacings as previously used.

(ii) Detailed gravity survey over the above grid area.

(iii) Detailed ground magnetic survey over the above grid area.

(iv) Appraisal of the geophysical data by the company's consulting geophysicist to select drill targets.

(v) Percussion and/or diamond drilling of chosen targets.

9. PROPOSED EXPENDITURE

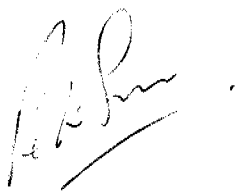
The estimated minimum proposed exploration expenditure for the fourth year of tenure is as follows:

		$
• Line clearing, gridding and levelling		3,500
• Gravity survey		3,500
• Ground magnetics survey		1,500
• Geophysical appraisal		1,500
• Vacuum drilling		5,000
	TOTAL	$15,000

Exploration programmes can be affected by results, and while $15,000 is the proposed minimum expenditure, specific activities may vary according to the results achieved.

10. REFERENCE

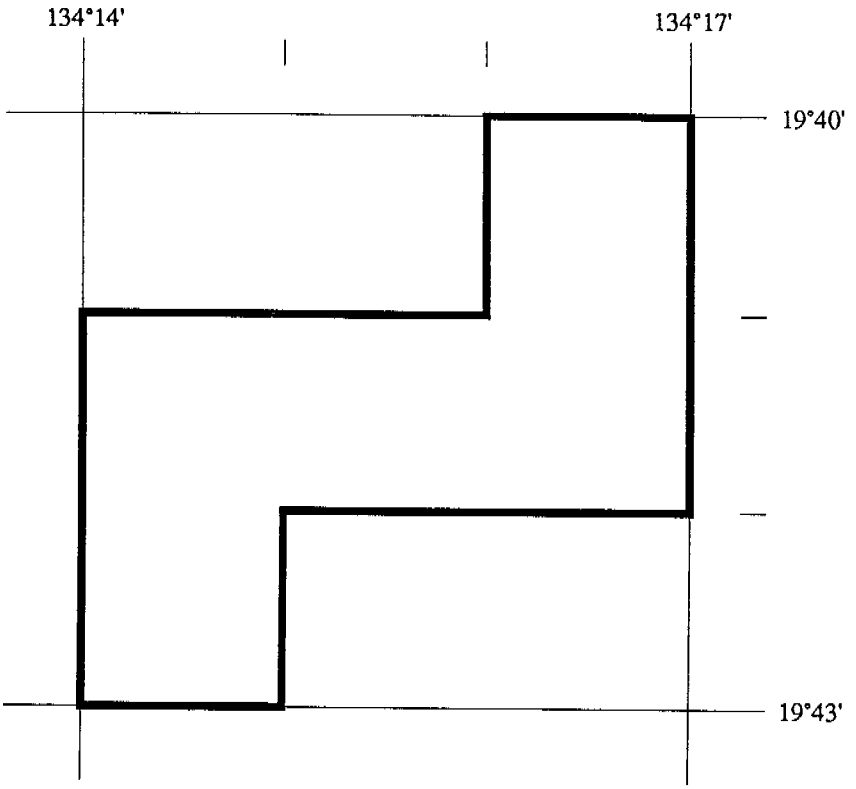
"The Tennant Creek Inlier - Regional Geology and Mineralisation" by P LeMessurier et. al., 1990, in Geology of the Mineral Deposits of Australia and Papua New Guinea, pages 829 and 838; AusIMM, Melbourne.



P. G. SIMPSON
EXPLORATION MANAGER

GIANTS REEF MINING N.L.

WILUNA JOINT VENTURE TENNANT CREEK

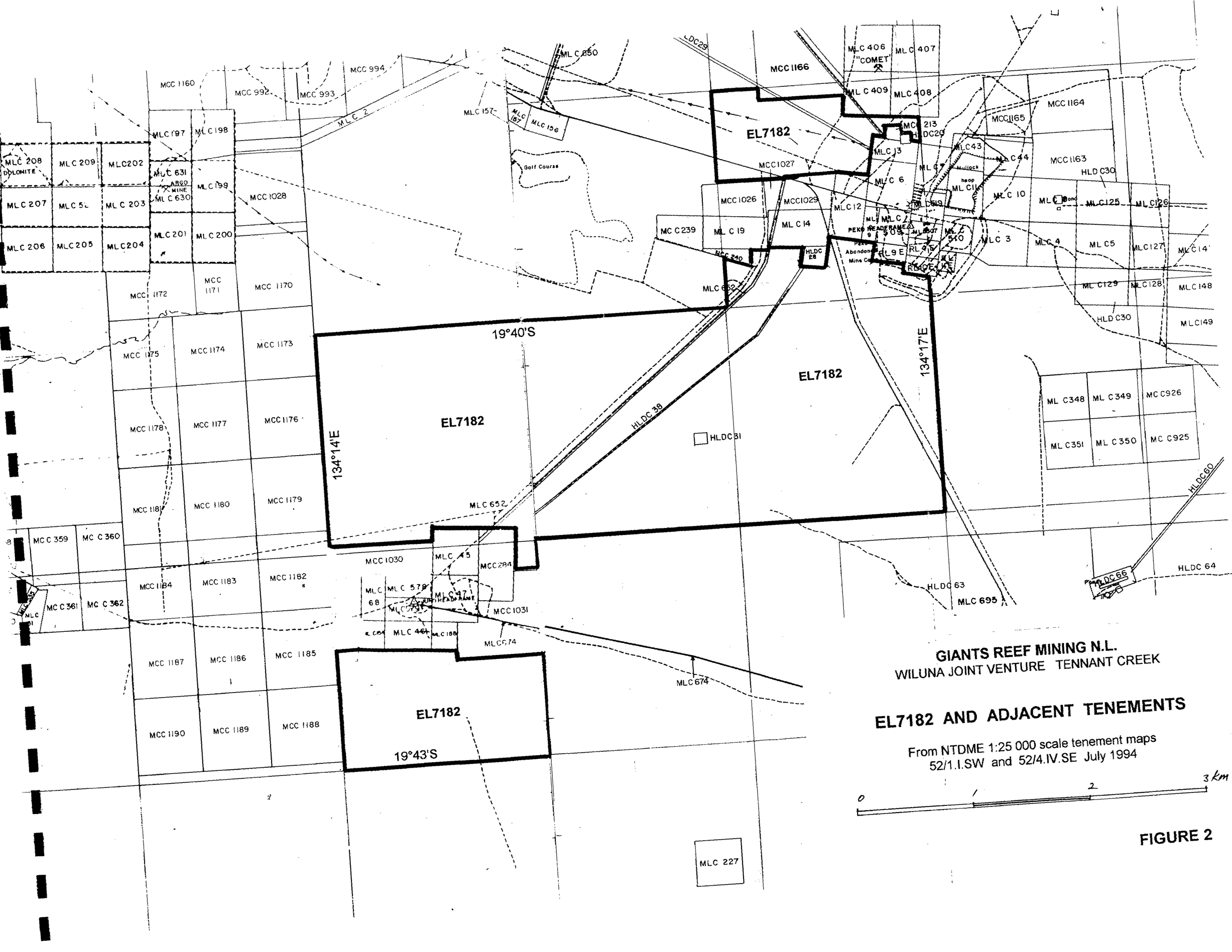


EL7182
5 BLOCKS
16 sq kms

FROM NTDME LICENCE DOCUMENT : THIRD YEAR OF TENURE

BOUNDARIES OF EL7182

FIGURE 1



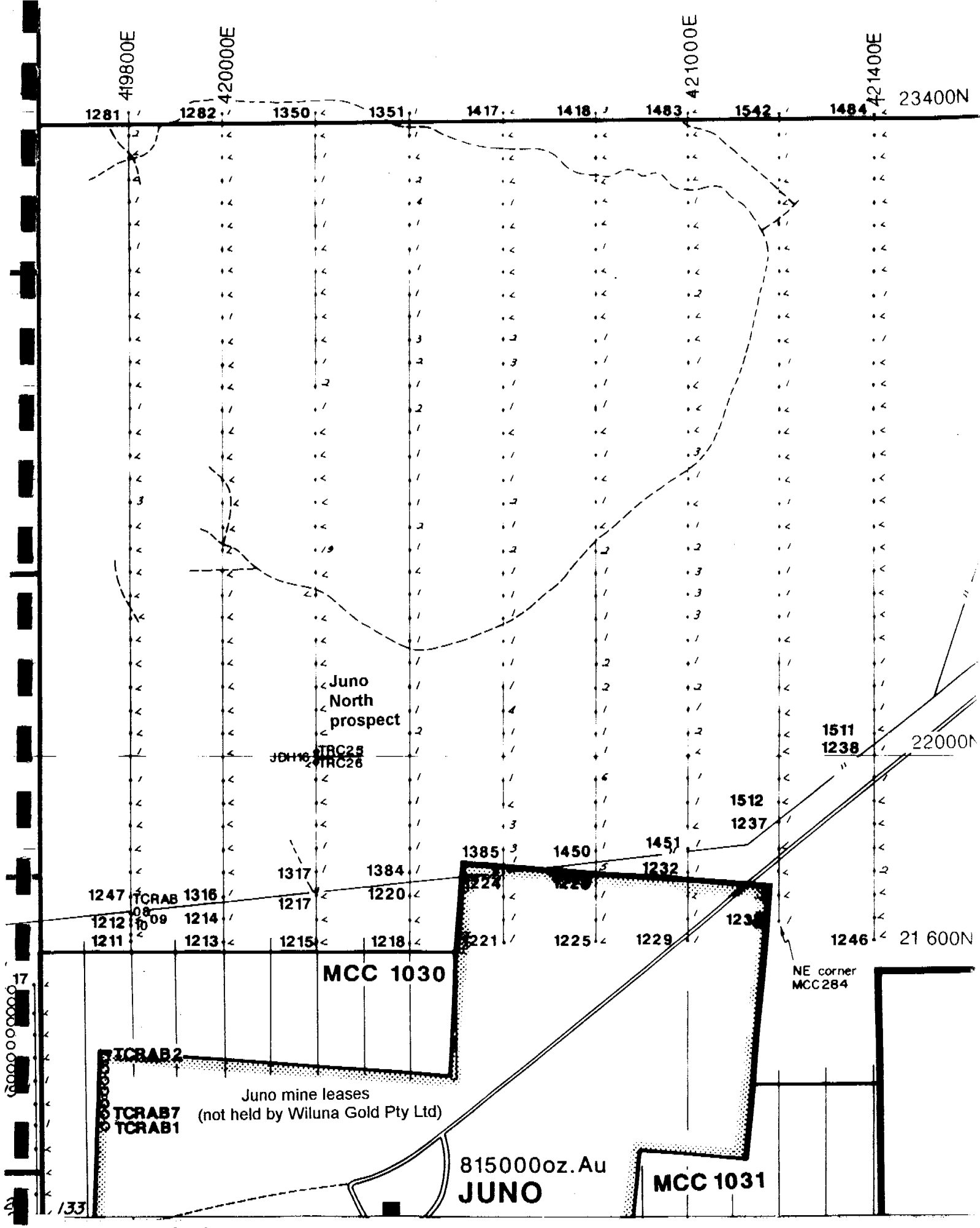
GIANTS REEF MINING N.L.
WILUNA JOINT VENTURE TENNANT CREEK

EL7182 AND ADJACENT TENEMENTS

From NTDME 1:25 000 scale tenement maps
52/1.I.SW and 52/4.IV.SE July 1994

0 1 2 3 km

FIGURE 2



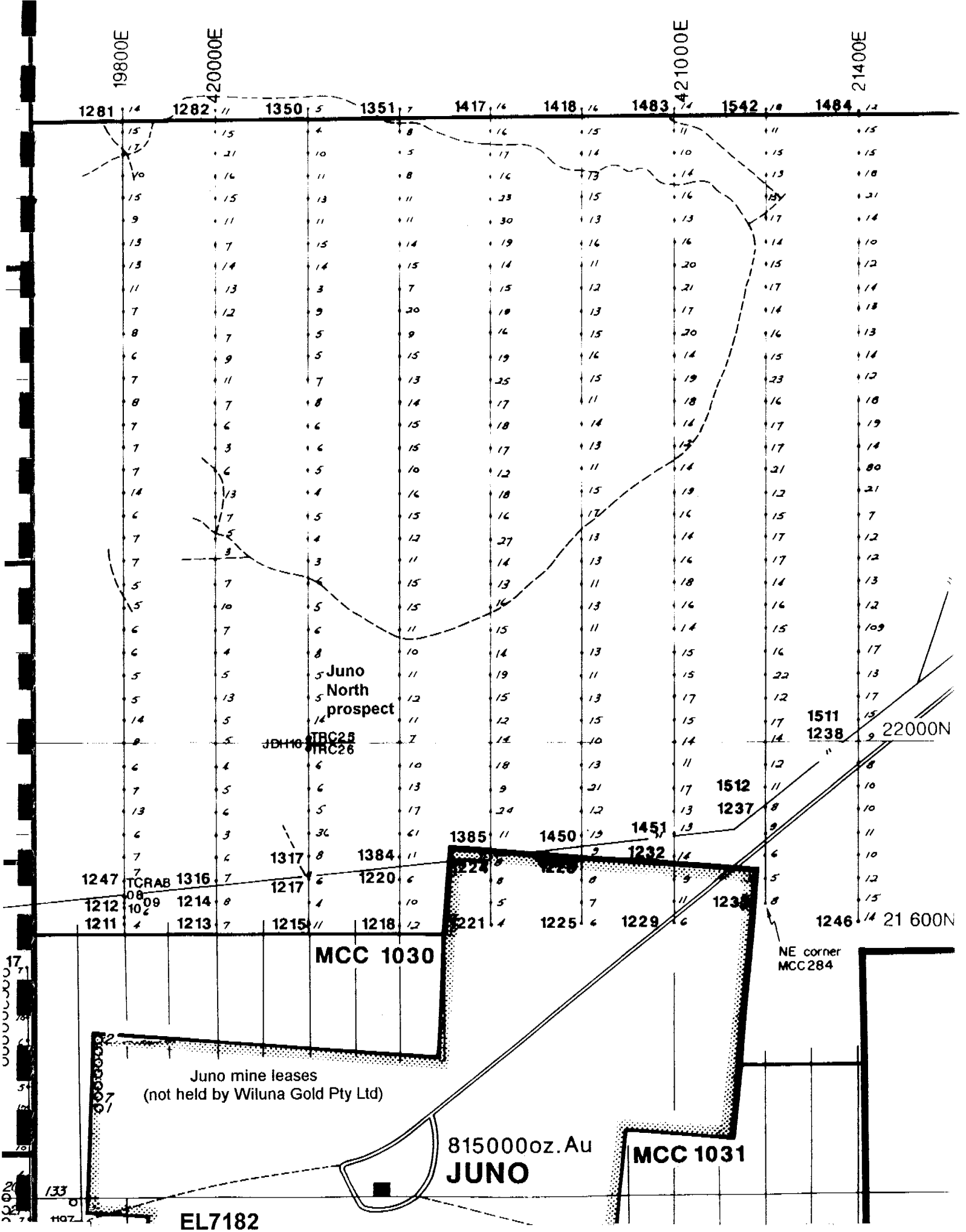
EL7182

JUNO WEST VACUUM DRILL GEOCHEMISTRY RESULTS: Au ppb

Photo-copied portion of Asarco Gold Pty Ltd Plan No. 7067/3

Scale 1:10 000

FIGURE 3



JUNO WEST VACUUM DRILL GEOCHEMISTRY RESULTS: Cu ppm

Photo-copied portion of Asarco Gold Pty Ltd Plan No. 7067/1

Scale 1:10 000

FIGURE 4

APPENDIX 1

DRILL SUMMARY SHEETS

Holes 1211 to 1542

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA / JV (OPTION): _____ **Location** JUNO GRID

YEAR: 1993

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au	COMPOSITE SAMPLE ppm Cu	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	BEDROCK SAMPLE ppm Au	BEDROCK SAMPLE ppm As	BEDROCK SAMPLE ppm Cu	BEDROCK SAMPLE ppm Pb	BEDROCK SAMPLE ppm Zn	BEDROCK SAMPLE ppm Co	BEDROCK SAMPLE ppm Ni	Rock	Note	Tenement Number
1	4/11	12 11	21 600	19 800	5	5	-				4 - 5	307 456	< 001		3.6					Lat.		
2	·	12				10	-				-	457	< 001		6.3					L1		
3	·	13				13	-				-	458	< 001		7.1					L1		
4	·	14				18	-				-	459	001		7.7					L1		
5	·	12 15				24	-				-	307 460	< 001		10.8					L1		
6	·	16				29	-				-	461	< 001		3.6					L1		
7	·	17				34	-				-	462	< 001		5.7					L1		
8	·	18				42	-				-	463	< 001		11.8					L1		
9	·	19				41	-				-	464	< 001		9.6					L1		
10	·	12 20				52	-				-	307 465	< 001		6.5					L1		
11	·	21				-	1 - 5	307466	001	4.1	-									L1		
12	·	12 21				59	-				6 - 7	467	001		3.9					L1		
13	·	22				64	-				4 - 5	468	001		4.8					L1		
14	·	23				69	-				4 - 5	469	< 001		7.7					L1		
15	·	24				71	-				1 - 2	307 470	001		8.0					L1		
16	·	25				80	-				8 - 9	471	< 001		6.3					L1		
17	·	26				85	-				4 - 5	472	001		7.2					L1		
18	·	27				88	-				2 - 3	473	001		7.9					L1		
19	·	28				93	-				4 - 5	474	< 001		9.0					L1		
20	·	29	21 600	21 000		98	-				4 - 5	307 475	001		6.5					L1		
21	·	12 30	650	"	5	103	-				4 - 5	476	001		11.4					L1		
22	·	31	700	"	11	114	-				10 - 11	477	< 001		8.6					L1		
23	·	32	750	"	2	116	-				1 - 2	478	001		14.4					L1		
24	·	33	21 650	21 200	4	121	1 - 4	307479	001	12.4	4 - 5	480	001		8.2					L1		
25	·	34	700	"	15	132	-				10 - 11	307 481	< 001		4.6					L1		
26	·	35	750	"	5	137	-				4 - 5	482	< 001		6.5					L1		
27	·	36	804	"	5	142	-				4 - 5	483	< 001		9.1					L1		
28	·	37	850	"	5	147	-				4 - 5	484	001		8.0					L1		
29	·	38	22 000	21 400	5	152	-				4 - 5	485	001		9.3					L1		
30	·	39	21 950	"	5	157	-				4 - 5	486	001		8.4					L1		
						157																

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA / JV (OPTION): _____ **Location** JUNO GRID

YEAR: 1993

157 | 307485

	Date	Hole Number	CO-ORDINATES North		CO-ORDINATES East		Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	Dec 92	12 40	21	900	21	400	5	162	-			4 - 5	307 487	< 001		9.8					<1		
2	·	41		850		"	6	168	-			5 - 6	488	< 001		10.1					<1		
3	·	42		800		"	5	173	-			4 - 5	489	< 001		10.9					<1		
4	·	43		750		"	5	178	-			4 - 5	490	002		10.4					<1		
5	·	44		700		"	5	183	-			4 - 5	307 491	< 001		12.0					<1		
6	·	12 45		650			3	186	-			2 - 3	492	< 001		14.9					<1		
7	·	46	21	600			2	188	-			1 - 2	307 493	< 001		13.9					<1		
8	Jan 93	12 47	21	700	19	800	5	193	-			4 - 5	494	< 001		7.7					<1		
9	·	48		750		"	5	198	-			4 - 5	495	< 001		7.0					<1		
10	·	49		800		"	5	203	-			4 - 5	496	< 001		6.3					<1		
11	·	12 50		850		"	5	208	-			4 - 5	497	< 001		13.5					<1		
12	·	51		900		"	5	213	-			4 - 5	498	< 001		7.3					<1		
13	·	52		950		"	5	218	-			4 - 5	499	001		6.1					<1		
14	·	53	22	000		"	5	223	-			4 - 5	307 500	001		8.7					<1		
15		54		050		"	5	228	-			4 - 5	501	< 001		13.9					2		
16		12 55		100		"	5	233	-			4 - 5	502	< 001		4.9					<1		
17		56		150		"	5	238	-			4 - 5	503	< 001		5.3					<1		
18		57		200		"	5	243	-			4 - 5	504	< 001		6.1					<1		
19		58		250	19	810E	5	248	-			4 - 5	307 505	< 001		5.8					<1		
20		59		300	19	800E	5	253	-			4 - 5	506	< 001		5.4					<1		
21		12 60		350		"	5	258	-			4 - 5	507	< 001		4.7					<1		
22		61		400		"	5	263	-			4 - 5	508	< 001		6.6					<1		
23		62		450		"	5	268	-			4 - 5	509	< 001		7.4					<1		
24		63		500		"	7	275	-			6 - 7	307 510	< 001		6.0					<1		
25		64		550		"	4	279	-			3 - 4	511	003		13.9					<1		
26		12 65		600		"	7	286	-			6 - 7	512	< 001		6.7					<1		
27		66		650		"	7	293	-			6 - 7	513	< 001		6.6					<1		
28		67		700		"	5	298	-			4 - 5	514	< 001		7.4					<1		
29		68		750		"	5	303	-			4 - 5	307 515	001		7.9					<1		
30		12 69		800		"	5	308	-			-	516	< 001		7.4					<1		
								308															

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____ **Location** JUNO GRID

YEAR: 1993

308 | 307 516

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	BEDROCK SAMPLE ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	12/13	12 70	22 850	19 800	5	313	-			4 - 5	307 517	< 001		6·3					61		
2	·	71	900	"	5	318	-			4 - 5	518	< 001		7·7					<1		
3	·	72	950	"	5	323	-			4 - 5	519	< 001		7·1					<1		
4	·	73	23 000	"	5	328	-			4 - 5	307 520	< 001		11·0					<1		
5	·	74	050	"	5	333	-			4 - 5	521	< 001		13·4					<1		
13/14 6	·	12 75	100	"	5	338	-			4 - 5	522	001		13·4					<1		
7	12/14	76	150	"	5	343	-			4 - 5	523	< 001		8·8					<1		
8	·	77	200	"	5	348	-			4 - 5	524	001		15·1					<1		
9	·	78	250	"	6	354	-			5 - 6	307 525	< 001		10·4					<1		
10	·	79	300	"	3	357	-			2 - 3	526	< 001		16·9					<1		
11	·	12 80	350	"	5	362	-			4 - 5	527	002		15·0					<1		
12		81	23 400	"	7	369	-			6 - 7	528	001		13·6					<1		
13		82	23 400	20 000	4	373	-			3 - 4	529	001		11·2					<1		
14		83	350	"	5	378	-			4 - 5	307 530	< 001		15·4					<1		
15		84	300	"	5	383	-			4 - 5	531	< 001		21·0					<1		
16		12 85	250	"	4	387	-			3 - 4	532	001		16·6					<1		
17		86	200	"	4½	392	-			3 - 4	533	< 001		15·4					<1		
18		87	150	"	3	395	-			2 - 3	534	< 001		10·8					<1		
19		88	100	"	7	402	-			6 - 7	307 535	< 001		7·1					<1		
20		89	050	"	5	407	-			4 - 5	536	< 001		13·7					<1		
21		12 90	23 000	"	7	414	-			6 - 7	537	< 001		13·1					<1		
22		91	22 950	"	9	423	-			8 - 9	538	001		12·3					<1		
23		92	900	"	5	428	-			4 - 5	539	< 001		7·3					<1		
24		93	850	"	5	432	-			4 - 5	307 540	< 001		8·6					<1		
25		94	800	"	5	437	-			4 - 5	541	< 001		11·1					<1		
26		12 95	750	"	5	442	-			4 - 5	542	001		6·9					<1		
27		96	700	"	5	447	-			4 - 5	543	< 001		6·2					<1		
28		97	650	"	5	452	-			4 - 5	544	< 001		3·4					<1		
29		98	600	"	5	457	-			4 - 5	307 545	< 001		6·2					<1		
30		12 99	550	"	5	462	-			4 - 5	546	< 001		12·4					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____ **Location** JUNO GRID

YEAR: _____

462 | 307 546

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	BEDROCK SAMPLE ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	Dec 14	13 00	22 500	20 000	7	469	-			6 - 7	307 547	< 001		6·8					<1		
2		01	450	"	5	474	-			4 - 5	548	< 001		4·6					<1		
3		02	400	"	5	479	-			4 - 5	549	< 001		3·1					<1		
4		03	350	"	5	484	-			4 - 5	307 550	001		6·7					<1		
5		04	300	"	5	489	-			4 - 5	551	< 001		9·7					<1		
6		13 05	250	"	5	494	-			4 - 5	552	< 001		6·6					<1		
7		06	200	"	5	499	-			4 - 5	553	< 001		3·9					<1		
8		07	150	"	5	504	-			4 - 5	554	< 001		4·7					<1		
9		08	100	"	5	509	-			4 - 5	307 555	< 001		13·5					<1		
10		09	050	"	5	514	-			4 - 5	556	< 001		4·9					<1		
11		13 10	22 000	"	7	521	-			6 - 7	557	< 001		5·4					<1		
12		11	21 950	"	5	526	-			4 - 5	558	< 001		4·3					<1		
13		12	900	"	9	535	-			8 - 9	559	< 001		5·0					<1		
14		13	850	"	9	544	-			8 - 9	307 560	< 001		6·0					<1		
15		14	800	"	5	549	-			4 - 5	561	< 001		3·5					<1		
16		13 15	750	"	5	554	-			4 - 5	562	< 001		6·1					<1		
17		16	700	"	9	563	-			8 - 9	563	001		6·7					<1		
18		17	21 750	20 200	5	568	-			4 - 5	564	001		7·6					<1		
19		18	800	"	5	573	-			4 - 5	307 565	001		36·3					<1		
20		19	850	"	5	578	-			4 - 5	566	001		4·7					<1		
21		13 20	900	"	5	583	-			4 - 5	567	< 001		5·6					<1		
22		21	950	"	5	588	-			4 - 5	568	001		5·6					<1		
23		22	22 000	"	5	593	-			4 - 5	569	001		6·0					<1		
24		23	050	"	5	598	-			4 - 5	307 570	001		13·9					<1		
25		24	100	"	5	603	-			4 - 5	571	001		4·7					<1		
26		13 25	150	"	5	608	-			4 - 5	572	001		5·1					<1		
14/15 27		26	200	"	7	615	-			6 - 7	573	< 001		8·4					<1		
28		27	250	"	7	622	-			6 - 7	574	< 001		6·3					<1		
29		28	300	"	5	627	-			4 - 5	307 575	< 001		4·9					<1		
30		13 29	350	"	5	632	-			4 - 5	576	< 001		5·6					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____ **Location** JUNO 6410 - WEST

YEAR: 1993

632 | 307576

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	BEDROCK SAMPLE ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	04/5	13 30	22 400	20 200	7	637	-			6 - 7	307577	< 001		2.9					<1		
2		31	450	"	5	642	-			4 - 5	307578	019		4.5					<1		
3		32	500	"	7	649	-			6 - 7	307579	< 001		4.7					<1		
4		33	550	"	7	656	-			6 - 7	307580	< 001		4.2					<1		
5		34	600	"	9	665	-			8 - 9	307581	< 001		5.4					<1		
6		13 35	650	"	5	670	-			4 - 5	307582	< 001		5.6					<1		
7		36	700	"	9	679	-			8 - 9	307583	< 001		6.4					<1		
8		37	750	"	5	684	-			4 - 5	307584	001		8.1					<1		
9		38	800	"	7	691	-			6 - 7	307585	002		7.2					<1		
10		39	850	"	11	702	-			10 - 11	307586	001		5.3					<1		
11		13 40	900	"	7	709	-			6 - 7	307587	< 001		5.5					<1		
12		41	950	"	13	722	-			12 - 13	307588	< 001		8.5					<1		
13		42	23 000	"	9	731	-			8 - 9	307589	< 001		2.7					<1		
14		43	050	"	7	738	-			6 - 7	307590	< 001		14.2					<1		
15		44	100	"	7	745	-			6 - 7	307591	< 001		15.3					<1		
16		13 45	150	"	4	749	-			3 - 4	307592	001		11.3					<1		
17		46	200	"	5	754	-			4 - 5	307593	001		13.5					<1		
18		47	250	"	5	759	-			4 - 5	307594	001		11.1					<1		
19		48	300	"	7	766	-			6 - 7	307595	001		10.0					<1		
20		49	350	"	11	777	-			10 - 11	307596	< 001		3.8					<1		
21		13 50	400	"	7	784	-			6 - 7	307597	< 001		5.5					<1		
22		51	23 400	20 400	7	791	-			6 - 7	307598	001		7.0					<1		
23		52	350	"	7	798	-			6 - 7	307599	001		8.2					<1		
24		53	300	"	7	905	-			6 - 7	307600	< 001		5.5					<1		
25		54	250	"	7	912	-			6 - 7	307601	002		8.4					<1		
26		13 55	200	"	6	818	-			5 - 6	307602	004		10.6					<1		
27		56	150	"	7	825	-			6 - 7	307603	001		11.0					<1		
28		57	100	"	7	832	-			6 - 7	307604	001		14.0					<1		
29		58	050	"	5	937	-			4 - 5	307605	001		15.1					<1		
30		13 59	23 000	"	8	945	-			7 - 8	307606	001		6.9					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____ **Location** JUNO GRID - WEST

YEAR: _____

845

	Date	Hole Number	CO-ORDINATES North		East		Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	Number	ppm Au	BEDROCK SAMPLE From-To (m)	Number	ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	Aug 15	13 60	22	950	20	400	4	849	-			3 - 4	307	607	001		20.1				<1		
2		61		900		"	13	862	-			12 - 13		608	003		9.2				<1		
15 3		62		850		"	5	867	-			4 - 5		609	002		15.3				<1		
16 4		63		800		"	6	873	-			4 - 5	307	610	001		13.2				<1		
5		64		750		"	4	877	-			2 - 3		611	002		14.5				<1		
6		13 65		700		"	4	881	-			2 - 3		612	001		15.3				<1		
7		66		650		"	3	884	-			1 - 2		613	001		14.6				<1		
8		67		600		"	5	889	-			1 - 2		614	001		10.4				<1		
9		68		550		"	3	892	-			1 - 2	307	615	001		15.6				<1		
10		69		500		"	3	895	-			1 - 2		616	002		14.9				<1		
11		13 70		450		"	3	898	-			1 - 2		617	001		12.4				<1		
12		71		400		"	2	900	-			0 - 1		618	< 001		11.5				<1		
13		72		350		"	2	902	-			0 - 1		619	001		15.3				<1		
14		73		300		"	2	904	-			0 - 1	307	620	001		15.0				<1		
15		74		250		"	2	906	-			1 - 2		621	001		11.3				<1		
16		13 75		200		"	2	908	-			0 - 1		622	001		10.0				<1		
17		76		150		"	2	910	-			0 - 1	307	623	001		11.3				<1		
18		77		100		"	3	913	0 - 1	307	624	2 - 3	307	625	001		12.0				<1		
19		78		050		"	2	915	-			0 - 1	307	626	002		11.0				<1		
20		79	22	000		"	5	920	0 - 1	307	627	4 - 5	307	628	001		7.5				<1		
21		13 80	21	950		"	2	922	-			0 - 1		629	001		9.6				<1		
22		81		900		"	3	925	-			1 - 2	307	630	001		12.8				<1		
23		82		850		"	2	927	-			0 - 1		631	001		17.3				<1		
24		83		800		"	7	934	0 - 1	307	632	6 - 7	307	633	001		61.3				<1		
25		84		750		"	3	937	0 - 2	307	634	1 - 2	307	635	001		11.1				<1		
26		13 85	21	800	20	600	2	939	-			0 - 1		636	003		11.5				<1		
27		86		850		"	1	940	-			0 - 1		637	003		23.9				<1		
28		87		900		"	1	941	-			0 - 1		638	< 001		9.1				<1		
29		88		950		"	1	942	-			0 - 1		639	001		18.5				<1		
30		13 89	22	000		"	1	943	-			0 - 1	307	640	001		13.9				<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA / JV (OPTION): _____ **Location** JUNO GRID - WEST

YEAR: July 16/1993 17

943

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	BEDROCK SAMPLE ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	16	13 90	22 050	20 600	2	945	-			0 - 1	307 641	001		11.6					<1		
2		91	100	"	2	947	-			0 - 1	642	004		15.2					<1		
3		92	150	"	2	949	-			1 - 2	643	001		18.9					<1		
4		93	200	"	3	952	-			0 - 1	644	001		14.2					<1		
5		94	250	"	2	954	-			1 - 2	307 645	001		15.2					<1		
6		13 95	300	"	1	955	-			0 - 1	646	001		16.2					<1		
7		96	350	"	1	956	-			0 - 1	647	001		13.0					<1		
8		97	400	"	4	960	-			1 - 2	648	001		14.0					<1		
9		98	450	"	3	963	-			1 - 2	649	002		26.8					<1		
10		99	500	"	3	966	-			1 - 2	307 650	001		16.3					<1		
11		14 00	550	"	3	969	-			1 - 2	651	002		18.0					<1		
12		01	600	"	4	973	-			2 - 3	652	001		12.2					<1		
13		02	650	"	3	976	-			1 - 2	653	001		17.7					<1		
14		03	700	"	4	980	-			2 - 3	654	< 001		18.4					<1		
15		04	750	"	4	984	-			2 - 3	307 655	001		17.0					<1		
16		14 05	800	"	4	988	-			3 - 4	656	001		24.6					<1		
17		06	850	"	5	993	-			3 - 4	657	003		18.9					<1		
18		07	900	"	9	1002	-			7 - 8	658	002		16.2					<1		
19		08	950	"	9	1011	-			7 - 8	659	< 001		19.0					<1		
20		09	23 000	"	7	1018	-			5 - 6	307 660	< 001		14.8					<1		
21		14 10	050	"	11	1029	-			8 - 9	661	< 001		13.7					<1		
22		11	100	"	8	1037	-			5 - 6	662	< 001		19.3					<1		
16 23		12	150	"	10	1047	-			7 - 8	663	< 001		29.7					<1		
17 24		13	200	"	6	1053	-			4 - 5	664	001		23.0					<1		
25		14	250	"	7	1060	-			4 - 5	307 665	< 001		15.9					<1		
26		14 15	300	"	7	1067	-			5 - 6	666	< 001		16.8					<1		
27		16	350	"	9	1076	-			5 - 6	667	< 001		16.1					<1		
28		17	400	"	7	1083	-			4 - 5	668	< 001		16.3					<1		
29		18	23 400	20 800	9	1092	-			6 - 7	669	003		15.8					<1		
30		14 19	350	"	7	1099	-			4 - 5	307 670	< 001		15.5					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____ **Location** JUNO GRID - WEST

YEAR: _____

1099 | 307 670

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	Number	ppm Au	ppm As	BEDROCK SAMPLE From-To (m)	Number	ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	17	14 20	23 300	20 800	7	1106	-				5-6	307 671	< 001		13.6					<1		
2		21	250	"	6	1112	-				4-5	672	< 001		13.4					<1		
3		22	200	"	7	1119	-				5-6	673	< 001		15.4					<1		
4		23	150	"	6	1125	-				4-5	674	< 001		13.4					<1		
5		24	100	"	6	1131	-				4-5	307 675	001		15.8					<1		
6		14 25	050	"	10	1141	-				8-9	676	< 001		11.5					<1		
7		26	23 000	"	10	1151	1-8	309 575	<001	13.3	8-9	677	< 001		11.9					<1		
8		27	22 950	"	10	1161	1-7	309 576	<001	12.7	7-8	678	< 001		13.0					<1		
9		28	900	"	9	1170	1-7	309 577	001	12.8	7-8	679	001		14.6					<1		
10		29	850	"	6	1176	-				4-5	307 680	001		15.6					<1		
11		14 30	800	"	7	1183	-				4-5	681	001		14.7					<1		
12		31	750	"	5	1188	-				3-4	682	001		11.0					<1		
13		32	700	"	7	1195	-				4-5	683	< 001		14.3					<1		
14		33	650	"	4	1199	-				2-3	684	001		13.3					<1		
15		34	600	"	5	1204	-				4-5	307 685	< 001		10.7					<1		
16		14 35	550	"	5	1209	-				2-3	686	001		15.3					<1		
17		36	500	"	4	1213	-				2-3	687	< 001		16.8					<1		
18		37	450	"	4	1217	-				2-3	688	002		13.1					<1		
19		38	400	"	5	1222	-				3-4	689	001		12.8					<1		
20		39	350	"	4	1226	-				2-3	307 690	001		10.8					<1		
21		14 40	300	"	4	1230	-				2-3	691	001		13.5					<1		
22		41	250	"	3	1233	-				2-3	692	001		11.1					<1		
23		42	200	"	5	1238	-				2-3	693	002		13.2					<1		
24		43	150	"	3	1241	-				1-2	694	002		11.5					<1		
25		44	100	"	5	1246	-				2-3	307 695	001		13.3					<1		
26		14 45	050	"	3	1249	-				1-2	696	001		15.4					<1		
17 27		46	22 000	"	3	1252	-				1-2	697	001		10.3					<1		
18 28		47	21 950	"	3	1255	-				1-2	698	006		13.5					<1		
29		48	900	"	3	1258	-				1-2	699	001		20.8					<1		
30		14 49	950	"	3	1261	-				1-2	307 700	001		12.3					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA / JV (OPTION): _____ **Location** JUNO GRID - WEST

YEAR: 1993

1261 | 307 700

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au Asarco	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	18	14 50	21 800	20 800	2	1263	-			1 - 2	307 701	.001		19.3					<1		
2		51	21 800	21 000	4	1267	-			1 - 2	702	.001		13.5					<1		
3		52	850	4	3	1270	-			1 - 2	703	< .001		13.0					<1		
4		53	900	4	3	1273	-			1 - 2	704	.001		16.6					<1		
5		54	950	11	4	1277	-			2 - 3	307 705	.001		10.8					<1		
6		14 55	22 000	11	3	1280	-			1 - 2	706	< .001		14.2					<1		
7		56	050	11	3	1283	-			1 - 2	707	.002		14.9					<1		
8		57	100	11	3	1286	-			1 - 2	708	.001		17.3					<1		
9		58	150	11	3	1289	-			1 - 2	709	.002		14.6					<1		
10		59	200	11	4	1293	-			2 - 3	307 710	.001		15.2					<1		
11		14 60	250	11	5	1298	-			3 - 4	711	.001		14.4					<1		
12		61	300	11	5	1303	-			3 - 4	712	.003		15.6					<1		
13		62	350	11	4	1307	-			2 - 3	713	.003		17.7					<1		
14		63	400	11	4	1311	-			2 - 3	714	.003		15.7					<1		
15		64	450	11	4	1315	-			2 - 3	307 715	.002		13.7					<1		
16		14 65	500	11	5	1320	-			3 - 4	716	.001		16.1					<1		
17		66	550	11	5	1325	-			3 - 4	717	< .001		19.2					<1		
18		67	600	11	3	1328	-			1 - 2	718	.001		13.6					<1		
19		68	650	11	9	1337	-			6 - 7	719	.003		12.0					<1		
20		69	700	11	9	1346	5 - 8	309 578	.001 10.7	4 - 5	307 720	< .001		14.5					<1		
21		14 70	750	11	7	1353	-			4 - 5	721	< .001		18.0					<1		
22		71	800	11	8	1361	-			4 - 5	722	< .001		19.3					<1		
23		72	850	11	6	1367	-			4 - 5	723	.001		13.8					<1		
24		73	900	11	8	1375	-			5 - 6	724	< .001		20.0					<1		
25		74	950	11	7	1382	1 - 6	309 579	.001 15.3	6 - 7	307 725	< .001		17.3					<1		
26		14 75	23 000	11	10	1392	4 - 8	309 580	< .001 19.5	8 - 9	726	.002		20.6					<1		
27		76	050	11	10	1402	1 - 8	309 581	.002 14.6	8 - 9	727	< .001		19.8					<1		
28		77	100	11	9	1411	-			5 - 6	728	< .001		15.9					<1		
29		78	150	11	8	1419	-			6 - 7	729	< .001		12.6					1		
30		14 79	200	11	7	1426	-			5 - 6	307 730	.001		15.8					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____ **Location** JUNO GRID - WEST

YEAR: July 1993

1426 | 307 730

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	Number	ppm Au	BEDROCK SAMPLE From-To (m)	Number	ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock	Note	Tenement Number
1	18	14 80	23 250	21 000	8	1434	-			5-6	307 731	< 001		144					<1		
2		81	300	"	7	1441	-			5-6	732	< 001		10.0					<1		
3		82	350	"	7	1448	-			5-6	733	< 001		11.5					<1		
4		83	400	"	7	1455	-			5-6	734	< 001		14.5					<1		
18 5		84	23 400	21 400	7	1462	-			5-6	307 735	< 001		11.7					<1		
19 6		14 85	350	"	8	1470	-			6-7	736	< 001		15.0					<1		
7		86	300	"	7	1477	-		Au Cu	5.5-6.5	737	< 001		15.1					<1		
8		87	250	"	8	1485	1-6	309 582	001 15.1	6-7	738	< 001		17.9					<1		
9		88	200	"	7	1492	-			6-7	739	< 001		20.7					<1		
10		89	150	"	8	1500	-			6-7	307 740	< 001		14.3					<1		
11		14 90	100	"	9	1509	1-7	309 583	001 14.2	7-8	741	< 001		9.6					<1		
12		91	050	"	11	1520	-			9-10	742	< 001		12.0					<1		
13		92	23 000	"	10	1530	-			7-8	743	001		14.4					<1		
14		93	22 950	"	9	1539	-			7-8	744	< 001		13.2					<1		
15		94	900	"	9	1548	1-6	309 584	001 14.9	6-7	307 745	001		13.5					<1		
16		14 95	850	"	9	1557	-			7-8	746	< 001		14.0					<1		
17		96	800	"	7	1564	-			5-6	747	< 001		11.7					<1		
18		97	750	"	6.5	1570.5	-			5-6	748	< 001		18.0					<1		
19		98	700	"	7	1577.5	1-4	309 585	<001 15.7	5-6	749	< 001		18.7					-1		
20		99	650	"	5	1582.5	-			3-4	307 750	< 001		14.0					<1		
21		15 00	600	"	5	1587.5	-			3-4	751	< 001		80.0					<1		
22		01	550	"	5	1592.5	-			3-4	752	< 001		21.1					<1		
23		02	500	"	7	1599.5	1-5	433 001	<001 11.9	6-7	753	< 001		6.9					<1		
24		03	450	"	6	1605.5	-			4-5	754	< 001		11.8					<1		
25		04	400	"	5	1610.5	-			4-5	307 755	< 001		12.0					<1		
26		15 05	350	"	6.5	1617	-			5-6	756	< 001		13.1					<1		
27		06	300	"	7	1624	-			5-6	757	< 001		12.0					<1		
28		07	250	"	5	1629	-			3-4	758	< 001		109.0					<1		
29		08	200	"	7	1636	5-6	433 002	<001 9.6	4-5	759	001		17.5					<1		
30		09	150	"	6	1642	-			3-4	307 760	001		13.3					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____ **Location** JUNO GRID – WEST

YEAR: July 1993

1642 | 307 760

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	Number	ppm As	ppm Au	ppm Cu	BEDROCK SAMPLE From-To (m)	Number	ppm Au	ppm As	ppm Cu	ppm Pb	ppm Zn	ppm Co	ppm Ni	Rock BE	Note	Tenement Number
1	18	15 10	22 100	21 400	5	1647	3 - 5	433 003	001	9.4		2 - 3	307 761	.001		17.1					<1		
2		11	050	"	4	1651	-					2 - 3	762	<.001		15.4					<1		
3		15 12	21 900	21 200	4	1655	-					3 - 4	763	<.001		11.3					<1		
4		13	950	"	4	1659	-					3 - 4	764	<.001		12.2					<1		
5		14	22 000	"	4	1663	-					2 - 3	765	<.001		14.4					<1		
6		15	050	"	4	1667	-					1 - 2	766	<.001		17.1					<1		
7		16	100	"	4	1671	-					2 - 3	767	<.001		12.4					<1		
8		17	150	"	4	1675	-					2 - 3	768	<.001		21.8					<1		
9		18	200	"	5	1680	-					3 - 4	769	.001		15.9					<1		
10		19	250	"	4.5	1686.5	-					2 - 3	307 770	<.001		14.7					<1		
11		15 20	300	"	4	1689.5	-					3 - 4	771	.001		16.4					<1		
12		21	350	"	4	1692.5	-					2 - 3	772	.001		14.3					<1		
13		22	400	"	4	1696.5	-					2 - 3	773	.001		17.2					<1		
14		23	450	"	6	1702.5	-					3 - 4	774	.001		16.6					<1		
19 15		24	500	"	5	1707.5	-					4 - 5	307 775	<.001		14.9					<1		
20 16		15 25	550	"	7	1714.5	2 - 6	433 004	001	16.4		6 - 7	776	.001		12.4					<1		
17		26	600	"	6	1720.5	-					3 - 4	777	<.001		20.8					<1		
18		27	650	"	5	1725.5	-					3 - 4	778	<.001		16.6					<1		
19		28	700	"	7.5	1733	-					4 - 5	779	<.001		16.6					<1		
20		29	750	"	6	1739	-					4 - 5	307 780	<.001		15.7					<1		
21		15 30	800	"	9	1748	6 - 9	433 005	002	9.8		5 - 6	781	.001		23.2					<1		
22		31	850	"	7	1755	-					5 - 6	782	.001		15.3					<1		
23		32	900	"	7	1762	1 - 5	433 006	001	12.2		5 - 6	783	<.001		16.0					<1		
24		33	950	"	7	1769	-					5 - 6	784	<.001		14.4					<1		
25		34	23 000	"	8	1777	-					7 - 8	307 785	<.001		17.3					<1		
26		15 35	050	"	7.5	1784.5	-					6 - 7	786	<.001		14.7					<1		
27		36	100	"	9	1793.5	2 - 8	433 007	<.001	13.1		8 - 9	787	<.001		13.6					<1		
28		37	150	"	7	1800.5	6 - 7	433 008	<.001	15.6		6 - 7	788	.001		17.0					<1		
29		38	200	"	9	1809.5	-					8 - 9	789	<.001		15.4					<1		
30		15 39	250	"	6	1815.5	-					5 - 6	307 790	<.001		12.9					<1		

ASARCO AUSTRALIA LTD

RAB / AIR CORE DRILLING SUMMARY

AREA /JV (OPTION): _____

YEAR: July 1993

Location JUNO GRID – WEST BLOCK.

1815.5 | 433 008

	Date	Hole Number	CO-ORDINATES North	CO-ORDINATES East	Depth (m)	Cumul Total	COMPOSITE SAMPLE From-To (m)	COMPOSITE SAMPLE Number	COMPOSITE SAMPLE ppm Au	COMPOSITE SAMPLE ppm Cu	BEDROCK SAMPLE From-To (m)	BEDROCK SAMPLE Number	BEDROCK SAMPLE ppm Au	BEDROCK SAMPLE ppm As	BEDROCK SAMPLE ppm Cu	BEDROCK SAMPLE ppm Pb	BEDROCK SAMPLE ppm Zn	BEDROCK SAMPLE ppm Co	BEDROCK SAMPLE ppm Ni	Rock	Note	Tenement Number
1	20	15 40	23 300	21 200	7	1822.5	1 - 5	433 009	.001	13.4	5 - 6	307 791	.001		15.0					LI		
2		41	350	11	7	1829.5	-				6 - 7	792	.001		11.0					LI		
W 3		15 42	23 400	11	7	1836.5	-				5 - 6	793	.001		17.9					LI		
E 4							-				-											
5							-				-											
6							-				-											
7							-				-											
8							-				-											
9							-				-											
10							-				-											
11							-				-											
12							-				-											
13							-				-											
14							-				-											
15							-				-											
16							-				-											
17							-				-											
18							-				-											
19							-				-											
20							-				-											
21							-				-											
22							-				-											
23							-				-											
24							-				-											
25							-				-											
26							-				-											
27							-				-											
28							-				-											
29							-				-											
30							-				-											

APPENDIX 2

ASSAY RESULTS

Analabs Report No 101440.41.26971 Sample Nos. 307456 - 307600

Analabs Report No 101440.41.26962 Sample Nos. 307601 - 307760

Analabs Report No 101440.41.26972 Sample Nos. 307761 - 307793

ANALABS

A Division of Inchcape Testing Services (Australia) Pty. Ltd.
A.C.N. 004 591 664

received 17/8/93 145 SAM[illegible]
TENNANT CREEK
145 PERC

(077) 252011	30-32 LEYLAND STREET, GARBUTT, QLD 4814	Fax: (077) [illegible]

ANALYTICAL REPORT No. 101440.41.26771

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

CE TO:
ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 845
WEST PERTH WA 6005

ORDER No.	PROJECT
05913	

DATE RECEIVED	RESULTS REQUIRED
28/07/93	ASAP

PAGES SULTS	DATE REPORTED	No. OF COPIES
5	12/08/93	1

TOTAL No. OF SAMPLES
145

PLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
	Prep [illegible]	Au/[illegible]
	Prep [illegible]	[illegible]

ULTS TO
ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 845
WEST PERTH WA 6005

ULTS TO
COLIN PATERSON
ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 925
HERMIT PARK QLD 481[illegible]

ULTS TO

REMARKS

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101440.11.26971	12/08/93	05913

TUBE No.	SAMPLE No.	Au	Au(R)	Au	Cu	Bi			
1	307456	<0.001	<0.001	-	3.6	<1.0			
2	307457	<0.001	-	-	6.3	<1.0			
3	307458	<0.001	-	-	7.1	<1.0			
4	307459	0.001	-	-	7.7	<1.0			
5	307460	<0.001	-	-	10.8	<1.0			
6	307461	<0.001	-	-	3.6	<1.0			
7	307462	<0.001	-	-	5.7	<1.0			
8	307463	<0.001	-	-	11.8	<1.0			
	307464	<0.001	-	-	9.6	<1.0			
10	307465	<0.001	-	-	6.5	<1.0			
11	307466	0.001	<0.001	-	4.1	<1.0			
12	307467	0.001	-	-	3.9	<1.0			
13	307468	0.001	-	-	4.8	<1.0			
14	307469	<0.001	-	-	7.7	<1.0			
15	307470	0.001	-	-	8.0	<1.0			
16	307471	<0.001	-	-	6.3	<1.0			
17	307472	0.001	-	-	7.2	<1.0			
18	307473	0.001	-	-	7.9	<1.0			
19	307474	<0.001	-	-	9.0	<1.0			
20	307475	0.001	-	-	6.5	<1.0			
21	307476	0.001	-	-	11.4	<1.0			
22	307477	<0.001	-	-	8.6	<1.0			
23	307478	0.001	-	-	14.4	<1.0			
24	307479	<0.001	-	-	12.4	<1.0			
25	307480	0.001	-	-	8.2	<1.0			

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
- = element not determined

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101440.41.26971	12/08/93	05913

TUBE No.	SAMPLE No.	Au	Au(R)	Au	Cu	Bi			
1	307481	<0.001	<0.001	-	4.6	<1.0			
2	307482	<0.001	-	-	6.5	<1.0			
3	307483	<0.001	-	-	9.1	<1.0			
4	307484	0.001	-	-	8.0	<1.0			
5	307485	0.001	-	-	9.3	<1.0			
6	307486	0.001	<0.001	-	8.4	<1.0			
7	307487	<0.001	-	-	9.8	<1.0			
8	307488	<0.001	-	-	10.1	<1.0			
	307489	<0.001	-	-	10.9	<1.0			
10	307490	0.002	-	-	10.4	<1.0			
11	307491	<0.001	-	-	12.0	<1.0			
12	307492	<0.001	-	-	14.9	<1.0			
13	307493	<0.001	-	-	13.9	<1.0			
14	307494	<0.001	-	-	7.7	<1.0			
15	307495	<0.001	-	-	7.0	<1.0			
16	307496	<0.001	-	-	6.3	<1.0			
17	307497	<0.001	-	-	13.5	<1.0			
18	307498	<0.001	-	-	7.3	<1.0			
19	307499	0.001	-	-	6.1	<1.0			
20	307500	0.001	-	-	8.7	<1.0			
21	307501	<0.001	-	-	13.9	2.0			
22	307502	<0.001	<0.001	-	4.9	<1.0			
23	307503	<0.001	-	-	5.3	<1.0			
24	307504	<0.001	-	-	6.1	<1.0			
25	307505	<0.001	-	-	5.8	<1.0			

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
- = element not determined

AUTHORISED OFFICER

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101140.41.26971	12/08/93	05913

TUBE No.	SAMPLE No.	Au	Au(R)	Au	Cu	Bi			
1	307506	<0.001	-	-	5.4	<1.0			
2	307507	<0.001	-	-	4.7	<1.0			
3	307508	<0.001	-	-	6.6	<1.0			
4	307509	<0.001	-	-	7.4	<1.0			
5	307510	<0.001	-	-	6.0	<1.0			
6	307511	0.003	0.001	-	13.9	<1.0			
7	307512	<0.001	-	-	6.7	<1.0			
8	307513	<0.001	-	-	6.6	<1.0			
	307514	<0.001	-	-	7.4	<1.0			
10	307515	0.001	-	-	7.9	<1.0			
11	307516	<0.001	-	-	7.4	<1.0			
12	307517	<0.001	-	-	6.3	<1.0			
13	307518	<0.001	-	-	7.7	<1.0			
14	307519	<0.001	-	-	7.1	<1.0			
15	307520	<0.001	-	-	11.0	<1.0			
16	307521	<0.001	-	-	13.4	<1.0			
17	307522	0.001	-	-	13.4	<1.0			
18	307523	<0.001	-	-	8.8	<1.0			
19	307524	0.001	-	-	15.1	<1.0			
20	307525	<0.001	-	-	10.4	<1.0			
21	307526	<0.001	-	-	16.9	<1.0			
22	307527	0.002	0.001	-	15.0	<1.0			
23	307528	0.001	-	-	13.6	<1.0			
24	307529	0.001	0.001	-	11.2	<1.0			
25	307530	<0.001	-	-	15.4	<1.0			

Results in ppm unless otherwise specified
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X = element concentration is below detection limit
- = element not determined

AUTHORISED OFFICER

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ANALYTICAL DATA

SAMPLE PREFIX		REPORT No.			REPORT DATE	CLIENT ORDER No.		
		101440.41.26971			12/08/93	05913		
TUBE No.	SAMPLE No.	Au	Au(R)	Au	Cu	Bi		
1	307531	<0.001	-	-	21.0	1.0		
2	307532	0.001	-	-	15.6	<1.0		
3	307533	<0.001	-	-	15.4	<1.0		
4	307534	<0.001	-	-	10.8	<1.0		
5	307535	<0.001	-	-	7.1	<1.0		
6	307536	<0.001	-	-	13.7	<1.0		
7	307537	<0.001	-	-	13.1	<1.0		
8	307538	0.001	-	-	12.3	<1.0		
	307539	<0.001	-	-	7.3	<1.0		
10	307540	<0.001	-	-	8.6	<1.0		
11	307541	<0.001	<0.001	-	11.1	<1.0		
12	307542	0.001	-	-	6.9	<1.0		
13	307543	<0.001	-	-	6.2	<1.0		
14	307544	<0.001	-	-	3.4	<1.0		
15	307545	<0.001	-	-	6.2	<1.0		
16	307546	<0.001	-	-	12.9	<1.0		
17	307547	<0.001	-	-	6.8	<1.0		
18	307548	<0.001	<0.001	-	4.6	<1.0		
19	307549	<0.001	-	-	3.1	<1.0		
20	307550	0.001	-	-	6.7	<1.0		
21	307551	<0.001	-	-	9.7	<1.0		
22	307552	<0.001	-	-	6.6	<1.0		
23	307553	<0.001	-	-	3.9	<1.0		
24	307554	<0.001	-	-	4.7	<1.0		
25	307555	<0.001	-	-	13.5	<1.0		

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
- = element not determined

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Inchcape Testing Services

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(Australia)
ACN 001

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101440.11.26971	12/08/93	05913

TUBE No.	SAMPLE No.	Au	Au(R)	Au	Cu	Bi			
1	307556	<0.001	0.001	-	4.9	<1.0			
2	307557	<0.001	-	-	5.4	1.0			
3	307558	<0.001	-	-	4.3	<1.0			
4	307559	<0.001	-	-	5.0	<1.0			
5	307560	<0.001	-	-	6.0	<1.0			
6	307561	<0.001	-	-	3.5	<1.0			
7	307562	<0.001	-	-	6.1	<1.0			
8	307563	0.001	-	-	6.7	<1.0			
	307564	0.001	-	-	7.6	<1.0			
10	307565	0.001	-	-	36.3	<1.0			
11	307566	0.001	-	-	4.7	<1.0			
12	307567	<0.001	-	-	5.6	<1.0			
13	307568	0.001	-	-	5.6	<1.0			
14	307569	0.001	-	-	6.0	<1.0			
15	307570	0.001	-	-	13.9	<1.0			
16	307571	0.001	-	-	4.7	<1.0			
17	307572	0.001	-	-	5.1	<1.0			
18	307573	<0.001	0.001	-	8.4	<1.0			
19	307574	<0.001	-	-	6.3	<1.0			
20	307575	<0.001	-	-	4.9	<1.0			
21	307576	<0.001	-	-	5.6	<1.0			
22	307577	<0.001	-	-	2.9	<1.0			
23	307578	0.013	-	<0.008	4.5	<1.0			
24	307579	<0.001	-	-	4.7	<1.0			
25	307580	<0.001	-	-	4.2	<1.0			

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
- = element not determined

AUTHORISED OFFICER _____

Analabs
Inchcape Testing Services

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101440.41.26971	12/08/93	05913

TUBE No.	SAMPLE No.	Au	Au(R)	Au	Cu	Bi			
1	307581	<0.001	-	-	5.4	<1.0			
2	307582	<0.001	-	-	5.6	<1.0			
3	307583	<0.001	-	-	6.4	<1.0			
4	307584	0.001	-	-	8.1	<1.0			
5	307585	0.002	-	-	7.2	<1.0			
6	307586	0.001	-	-	5.3	<1.0			
7	307587	<0.001	-	-	5.5	<1.0			
8	307588	<0.001	-	-	8.5	<1.0			
	307589	<0.001	-	-	2.7	<1.0			
10	307590	<0.001	-	-	14.2	<1.0			
11	307591	<0.001	-	-	15.3	<1.0			
12	307592	0.001	-	-	11.3	<1.0			
13	307593	0.001	-	-	13.5	<1.0			
14	307594	0.001	0.001	-	11.1	<1.0			
15	307595	0.001	<0.001	-	10.0	<1.0			
16	307596	<0.001	-	-	3.8	<1.0			
17	307597	<0.001	-	-	5.5	<1.0			
18	307598	0.001	0.002	-	7.0	<1.0			
19	307599	0.001	-	-	8.2	<1.0			
20	307600	<0.001	-	-	5.5	<1.0			
21									
22									
23	DETECTION	0.001	0.001	0.008	0.5	1.0			
24	UNITS	ppm	ppm	ppm	ppm	ppm			
25	METHOD	GG334	GG334	GG309	GA115	GA115			

Results in ppm unless otherwise specified
T = element present: but concentration too low to measure
X = element concentration is below detection limit
- = element not determined

AUTHORISED OFFICER

ANALABS

A Division of Inchcape Testing Services (Australia) Pty. Ltd.
A.C.N. 004 591 664

received
17 AUG 19
TENNANT CR
176 PE

Phn: (077) 252311

50-52 LEYLAND STREET, GARBUTT, QLD 4814

Fax: (07

ANALYTICAL REPORT No. 101440.41.26962

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:
ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 345

WEST PERTH WA 6005

ORDER No.	PRC
05914	

DATE RECEIVED	RESULTS
27/07/93	ASN

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
9	11/08/93	1

TOTAL No. OF SAMPLES: 176 ✓

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
3076 107760.109570/109535	Prep 1	Au 33004.
107601.107760.109570 109555.	Prep 1	Cu,Bi/SA115.

REMARKS

RESULTS TO
ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 345

WEST PERTH WA 6005

RESULTS TO
COLIN PATERSON
ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 925

HERMIT PARK QLD 4812

RESULTS TO

AUTHORISED OFFICER

Analabs
Inchcape Testing Services

Inchcape
(Australia)
ACN 004

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101140.41.26962	11/08/93	05914

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi				
1	307601	0.002	0.002	8.4	<1.0				
2	307602	0.004	-	10.6	<1.0				
3	307603	0.001	-	11.0	<1.0				
4	307604	0.001	-	14.0	<1.0				
5	307605	0.001	-	15.1	<1.0				
6	307606	0.001	-	6.9	<1.0				
7	307607	0.001	-	20.1	<1.0				
8	307608	0.003	-	9.2	<1.0				
	307609	0.002	-	15.3	<1.0				
10	307610	0.001	0.001	13.2	<1.0				
11	307611	0.002	-	14.5	<1.0				
12	307612	0.001	-	15.3	<1.0				
13	307613	0.001	-	14.6	<1.0				
14	307614	0.001	-	10.4	<1.0				
15	307615	0.001	-	15.6	<1.0				
16	307616	0.002	-	14.9	<1.0				
17	307617	0.001	-	12.4	<1.0				
18	307618	<0.001	-	11.5	<1.0				
19	307619	0.001	-	15.3	<1.0				
20	307620	0.001	-	15.0	<1.0				
21	307621	0.001	-	11.3	<1.0				
22	307622	0.001	<0.001	10.0	<1.0				
23	307623	0.001	-	11.3	<1.0				
24	307624	0.008	-	11.8	<1.0				
25	307625	0.001	-	12.0	<1.0				

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
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- = element not determined

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Inchcape Testing Services

Inchcape (Australia) ACN 004

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	
	101440.41.26962	11/08/93	05914	2

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi				
1	307626	0.002	0.001	11.0	<1.0				
2	307627	0.001	-	9.8	<1.0				
3	307628	0.001	-	7.5	<1.0				
4	307629	0.001	-	9.6	<1.0				
5	307630	0.001	-	12.8	<1.0				
6	307631	0.001	-	17.3	<1.0				
7	307632	0.001	-	22.2	<1.0				
8	307633	0.001	-	61.3	<1.0				
	307634	0.001	-	14.4	<1.0				
10	307635	0.001	-	11.1	<1.0				
11	307636	0.003	-	11.5	<1.0				
12	307637	0.003	-	23.9	<1.0				
13	307638	<0.001	-	9.1	<1.0				
14	307639	0.001	-	18.5	<1.0				
15	307640	0.001	-	13.9	<1.0				
16	307641	0.001	-	11.6	<1.0				
17	307642	0.004	-	15.2	<1.0				
18	307643	0.001	-	18.9	<1.0				
19	307644	0.001	-	14.2	<1.0				
20	307645	0.001	-	15.2	<1.0				
21	307646	0.001	0.001	16.2	<1.0				
22	307647	0.001	0.001	13.0	<1.0				
23	307648	0.001	-	14.0	<1.0				
24	307649	0.002	-	26.8	<1.0				
25	307650	0.001	-	16.3	<1.0				

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101440.41.26962	11/08/93	05914

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi				
1	307651	0.002	-	18.0	<1.0				
2	307652	0.001	-	12.2	<1.0				
3	307653	0.001	-	17.7	<1.0				
4	307654	<0.001	-	18.4	<1.0				
5	307655	0.001	-	17.0	<1.0				
6	307656	0.001	-	24.6	<1.0				
7	307657	0.003	-	18.9	<1.0				
8	307658	0.002	-	16.2	<1.0				
	307659	<0.001	-	19.0	<1.0				
10	307660	<0.001	-	14.8	<1.0				
11	307661	<0.001	-	13.7	<1.0				
12	307662	<0.001	-	19.3	<1.0				
13	307663	<0.001	0.001	29.7	<1.0				
14	307664	0.001	-	23.0	<1.0				
15	307665	<0.001	-	15.9	<1.0				
16	307666	<0.001	-	16.8	<1.0				
17	307667	<0.001	-	16.1	<1.0				
18	307668	<0.001	-	16.3	<1.0				
19	307669	0.003	-	15.8	<1.0				
20	307670	<0.001	-	15.5	<1.0				
21	307671	<0.001	-	13.6	<1.0				
22	307672	<0.001	0.001	13.4	<1.0				
23	307673	<0.001	-	15.4	<1.0				
24	307674	<0.001	-	13.4	<1.0				
25	307675	0.001	-	15.8	<1.0				

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101140.11.26962	11/08/93	05914

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi				
1	307676	<0.001	-	11.5	<1.0				
2	307677	<0.001	-	11.9	<1.0				
3	307678	<0.001	-	13.0	<1.0				
4	307679	0.001	-	14.6	<1.0				
5	307680	0.001	-	15.5	<1.0				
6	307681	0.001	-	14.7	<1.0				
7	307682	0.001	-	11.0	<1.0				
8	307683	<0.001	-	14.3	<1.0				
	307684	0.001	-	13.3	<1.0				
10	307685	<0.001	-	10.7	<1.0				
11	307686	0.001	-	15.3	<1.0				
12	307687	<0.001	-	16.8	<1.0				
13	307688	0.002	-	13.1	<1.0				
14	307689	0.001	0.001	12.8	<1.0				
15	307690	0.001	-	10.8	<1.0				
16	307691	0.001	-	13.5	<1.0				
17	307692	0.001	-	11.1	<1.0				
18	307693	0.002	0.001	13.2	<1.0				
19	307694	0.002	-	11.5	<1.0				
20	307695	0.001	-	13.3	<1.0				
21	307696	0.001	-	15.4	<1.0				
22	307697	0.001	-	10.3	<1.0				
23	307698	0.006	-	13.5	<1.0				
24	307699	0.001	-	20.8	<1.0				
25	307700	0.001	-	12.3	<1.0				

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ACN 004

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101140.41.26962	11/08/93	05914

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi				
1	307701	0.001	0.002	19.3	<1.0				
2	307702	0.001	-	13.5	<1.0				
3	307703	<0.001	-	13.0	<1.0				
4	307704	0.001	-	16.6	<1.0				
5	307705	0.001	-	10.8	<1.0				
6	307706	<0.001	-	14.2	<1.0				
7	307707	0.002	-	14.9	<1.0				
8	307708	0.001	-	17.3	<1.0				
	307709	0.002	-	14.6	<1.0				
10	307710	0.001	-	15.2	<1.0				
11	307711	0.001	-	11.4	<1.0				
12	307712	0.003	-	15.6	<1.0				
13	307713	0.003	-	17.7	<1.0				
14	307714	0.003	-	15.7	<1.0				
15	307715	0.002	-	13.7	<1.0				
16	307716	0.001	-	16.1	<1.0				
17	307717	<0.001	-	19.2	<1.0				
18	307718	0.001	0.001	13.6	<1.0				
19	307719	0.003	-	12.0	<1.0				
20	307720	<0.001	-	14.5	<1.0				
21	307721	<0.001	-	18.0	<1.0				
22	307722	<0.001	-	19.3	<1.0				
23	307723	0.001	-	13.8	1.0				
24	307724	<0.001	-	20.0	<1.0				
25	307725	<0.001	-	17.3	<1.0				

Results in ppm unless otherwise specified
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Inchcape Testing Services
(Australia) Pty. Ltd.
ACN 004 591 664

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101440.41.26962	11/08/93	05914	6 OF 8

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi					
1	307726	0.002	-	20.6	<1.0					
2	307727	<0.001	-	19.8	<1.0					
3	307728	<0.001	-	15.9	<1.0					
4	307729	<0.001	-	12.6	1.0					
5	307730	0.001	-	15.8	<1.0					
6	307731	<0.001	-	14.4	1.0					
7	307732	<0.001	-	10.0	<1.0					
8	307733	<0.001	-	11.5	<1.0					
	307734	<0.001	-	14.5	<1.0					
10	307735	<0.001	<0.001	11.7	<1.0					
11	307736	<0.001	-	15.0	<1.0					
12	307737	<0.001	-	15.1	<1.0					
13	307738	<0.001	-	17.9	<1.0					
14	307739	<0.001	-	20.7	<1.0					
15	307740	<0.001	-	14.3	<1.0					
16	307741	<0.001	-	9.6	<1.0					
17	307742	<0.001	-	12.0	<1.0					
18	307743	0.001	-	14.4	<1.0					
19	307744	<0.001	-	13.2	<1.0					
20	307745	0.001	-	13.5	<1.0					
21	307746	<0.001	-	14.0	<1.0					
22	307747	<0.001	-	11.7	<1.0					
23	307748	<0.001	-	18.0	<1.0					
24	307749	<0.001	-	18.7	<1.0					
25	307750	<0.001	-	14.0	<1.0					

Results in ppm unless otherwise specified
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(Australia) Pty. Ltd.
ACN 004 591 664

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101440.41.26962	11/08/93	05914	7 OF 8

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi					
1	307751	<0.001	-	80.0	<1.0					
2	307752	<0.001	-	21.1	<1.0					
3	307753	<0.001	-	6.9	<1.0					
4	307754	<0.001	-	11.8	<1.0					
5	307755	<0.001	0.001	12.0	<1.0					
6	307756	<0.001	-	13.1	<1.0					
7	307757	<0.001	-	12.0	<1.0					
8	307758	<0.001	-	109.0	<1.0					
	307759	0.001	-	17.5	<1.0					
10	307760	0.001	-	13.3	<1.0					

RECEIVED 17/8/93.
TENNANT CREEK

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158 ORLANDO.

ANALABS

A Division of Inchcape Testing Services (Australia) Pty. Ltd.
A.C.N. 004 591 664

(077) 232011 | 50-52 LEYLAND STREET, GARBUTT, QLD 4814 | Fax: (077) 737347

ANALYTICAL REPORT No. 101440.41.26772

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

ORDER No.	PROJECT
C3715	

:E TO:

ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 847

WEST PERTH WA 6005

DATE RECEIVED	RESULTS REQUIRED
28/07/93	ASAP

- PAGES ESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
3	12/08/93	1	200

PLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
433.001/020.	Prep :	Au/SS004.
433.001/020.	Prep :	Cu,Bi/GA115.

REMARKS

LTS TO

ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 847

WEST PERTH WA 6005

LTS TO

COLIN PATERSON
ASARCO (AUSTRALIA) PTY LTD
P.O. BOX 923

HERMIT PARK QLD 4812

LTS TO

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AUTHORISED OFFICER

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.
	101440.41.26972	12/08/93	05915

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi				
1	307761	0.001	0.001	17.1	<1.0				
2	307762	<0.001	-	15.4	<1.0				
3	307763	<0.001	-	11.3	<1.0				
4	307764	<0.001	-	12.2	<1.0				
5	307765	<0.001	-	14.4	<1.0				
6	307766	<0.001	-	17.1	<1.0				
7	307767	<0.001	-	12.4	<1.0				
8	307768	<0.001	-	21.8	<1.0				
	307769	0.001	-	15.9	<1.0				
10	307770	<0.001	-	14.7	<1.0				
11	307771	0.001	-	16.4	<1.0				
12	307772	0.001	-	14.3	<1.0				
13	307773	0.001	0.001	17.2	<1.0				
14	307774	0.001	-	16.6	<1.0				
15	307775	<0.001	-	14.9	<1.0				
16	307776	0.001	-	12.4	<1.0				
17	307777	<0.001	-	20.8	<1.0				
18	307778	<0.001	-	16.6	<1.0				
19	307779	<0.001	-	16.6	<1.0				
20	307780	<0.001	-	15.7	<1.0				
21	307781	0.001	-	23.2	<1.0				
22	307782	0.001	-	15.3	<1.0				
23	307783	<0.001	<0.001	16.0	<1.0				
24	307784	<0.001	-	14.4	<1.0				
25	307785	<0.001	-	17.3	<1.0				

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
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Inchcape Testing Services
(Australia) Pty. Ltd.
ACN 004 591 664

ANALYTICAL DATA

SAMPLE PREFIX	REPORT No.	REPORT DATE	CLIENT ORDER No.	PAGE
	101440.41.26972	12/08/93	05915	2 OF 9

TUBE No.	SAMPLE No.	Au	Au(R)	Cu	Bi					
1	307786	<0.001	<0.001	14.7	<1.0					
2	307787	<0.001	-	13.6	<1.0					
3	307788	0.001	-	17.0	<1.0					
4	307789	<0.001	-	15.4	<1.0					
5	307790	<0.001	-	12.9	<1.0					
6	307791	0.001	-	15.0	<1.0					
7	307792	0.001	-	11.0	<1.0					
8	307793	0.001	-	17.9	<1.0					