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SML 125

ALGEBUCKINA – PEAKE CREEK AREA

PROGRESS REPORTS TO LICENCE EXPIRY/RENEWAL FOR THE PERIOD 1/10/1966 TO 30/9/1967

Submitted by North Broken Hill Ltd 1967

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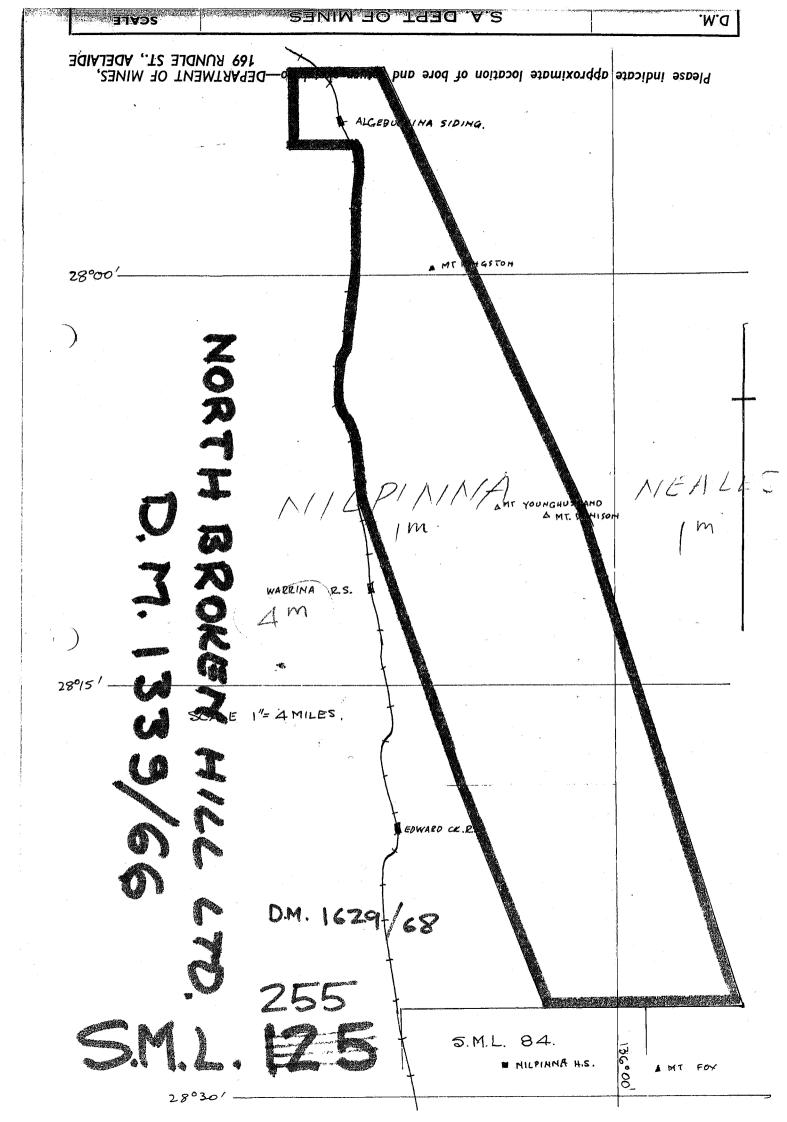
Minerals and Energy Resources

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101 Grenfell Street. Adelaide 5000

Telephone: (08) 8463 3000 Facsimile: (08) 8204 1880





(694-6)

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TENEMENT: S.M.L. No. 125

Coppertop Mines No. 5&6

TENEMENT HOLDER: North Broken Hill Ltd

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NORTH BROKEN HILL LIMITED (Incorporated in the State of Victoria)

SPECIAL MINING LEASE NO.125 0003

ALGEBUCKINA - PEAKE AREA PEAKE AND DENISON RANGES

THREE MONTHLY REPORT ON EXPLORATION PERIOD 1ST OCTOBER TO 31ST DECEMBER, 1966.

A reconnaissance of the area was made in October by two Company geologists and a prospector guide, who had formerly resided in the area. Thirty three stream sediment samples were collected in the vicinity of some of the Copper Top and Peake mines to assist with orientation studies. Chip and grab samples were collected from several lodes and dumps respectively.

It is not possible yet to submit a plan showing sample points, as no detailed mapping has been carried out. Details of assays are as follow -

Sample No.	Width (feet)	Location	% Cu.
PDC.1 PDC.2	7 2 - 2/3	Copper Top West workings. Copper Top Mine in adit near	1.10
מת ז	۲	shaft.	1.55
PDC.3	5	Copper Top Mine in adit near shaft, 18ft. east of PDC.2.	0.02
PDC.4	dump	15ft. shaft in basic rocks	0.06
PDC.5	dump dump	south of Mt. Denison. 30ft. shaft - same area. 15ft. shaft - Peake Mines	0.14
FDC.0	սաոր	area.	0.62
PDC.7	dump	Same locality - chips from adjacent ferruginous gossan.	. 0.22
PDC.8	2	Limonite zone in granite	
PDC.9	15	gneiss at 30ft. shaft. Open cut - Peake South group	0.16
FDC•9	1)	of mines - ferruginous	
DDG 46		quartzite.	0.40
PDC.10	7	Similar formation, 300 yards to south-west.	0.48

Subsequently two technical assistants established a camp at Little Bligh bore, east of Warrina and systematic stream sediment sampling was carried out in the above areas. A total of 942 samples was collected and submitted to McPhar Geophysics Proprietary Limited for analysis for Pb., Cu., Zn., and Ni., by atomic absorption spectrograph.

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The party was withdrawn early in December following the heavy rains. It is not intended to resume exploration of the area until late March 1967 after the hottest part of the summer period.

Broken Hill, 19th December 1966. GWC/FB NORTH BROKEN HILL LIMITED 19/4/67 (Incorporated in the State of Victoria)

SPECIAL MINING LEASE NO.125

PEAKE AND DENISON RANGES

THREE MONTHLY REPORT ON EXPLORATION FOR PERIOD. 1ST JANUARY 1967 TO 31ST MARCH 1967

No field work was carried out during the period because of the hot summer conditions. All geochemical data collected to date was compiled on plans under the supervision of the Company's geochemist at our Albury office.

The following plans have been produced:

1. Cu, Pb, Zn and Ni overlays: Scale 1 inch = $\frac{1}{4}$ mile.

† mile interval stream sediment sampling - Mount Denison-Mount Younghusband area.

2. Cu, Pb, Zn and Ni overlays: Scale 1 inch = 400 feet.
400 feet interval stream sediment sampling:

Coominaree area (adjacent 2 mines)
Coppertop Mine area
Peake Mines area
Lime Kiln area
South-west of Mount Denison - 3 mines

Some notable copper anomalies have been obtained in several areas which will require further follow-up investigations. Results for the other elements have been uninteresting.

Future Programme

and y

Early in April two field assistants will proceed from Broken Hill to the region to continue the geochemical sampling programme. Initially they will again be located at Little Bligh Bore or Old Peake Homestead.

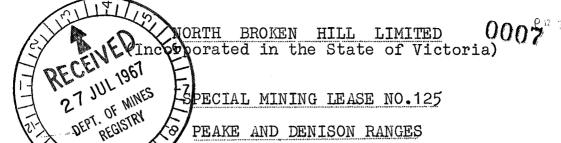
Work will commence in the Peake area, principally on the areas of "Archaean" rocks. Sampling at intervals of 400 feet will be carried out over a mile radius of known mineral occurrences and established anomalies (e.g. Coppertop Hill area). Elsewhere the sampling interval will be 4 mile.

Subsequently the party will move southward to the Coominaree Mine area and then into Special Mining Lease No.131. Two senior geologists of the Company will also make a visit to the area during the norical

Broken Hill 10th April 1967. GWC/JL

Expenditure removed to ducket

Dr. 1339/66 JR 710.
22/9/72.



REGISTRY

SPECIAL MINING LEASE NO.125

PEAKE AND DENISON RANGES

EXPLORATION FOR THE PERIOD THREE MONTHS ENDED 30TH JUNE 1967

Over 1,000 samples were collected in the area, the majority coming from the vicinity of the old Peake Mine and smelter, and the Coppertop Hill area.

Initial plotting of results was done in the field. Final plotting, interpretation and calculation of thresholds were carried out at the Albury office by the Company's geochemist. The streams adjacent to the Peake Mines contain many stream sediment anomalies, and follow-up ridge and spur auger surveys are planned for the future.

In April, the Senior Exploration Geologist and Company Geochemist visited the area. Rock samples were collected for thin section preparation and chemical analysis to aid in geochemical orientation work. One additional relatively large old copper mine, not previously recorded on geological maps, was located about five miles due south of old Peake homestead.

The field party in the area has been increased to four to expedite collection of samples.

NORTH BROKEN HILL LIMITED 0008 (Incorporated in the State of Victoria)

SPECIAL MINING LEASE NO.125 PEAKE AND DENISON RANGES

REPORT ON EXPLORATION FOR THE PERIOD THREE MONTHS ENDED 30TH SEPTEMBER 196

DEPT. OF MINES

Stream sediment sampling was carried out in the Mount Kingston and the Western Peake drainage areas of the S.M.L.

Ridge and spur geochemical surveys were conducted in the Peake Mine area.

The reconnaissance stream sediment survey has been fully completed. The field party has been withdrawn from the area for the summer months. Appraisal of the geochemical results will continue at the Company's Albury office, when areas for detailed work, grid surveys etc. will be selected.

The field party will return to the area early in 1968.

Broken Hill, 19th October 1967. GWC/JL

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ENV 964 253 SOUTH TERRACE ADELAIDE, S.A.

CABLE: "PHARGEO"

ABLE: "PHARGEO"
ADELAIDE

Samples from: NORTH BROKEN HILL LTD.

SHEET No.

0009

Area:

Samples of:

Date 24/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number	Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	
	MSL 125 1	10	15 15	25 25	〈5 〈5 5			
	2 3 4 5 6 7 8 9	5	15	25	5			
	4	10	15	35	10			
	5	5	15	25	< 5	<u>.</u>		
	7	15 5	10 15	30 25	10			
	8	5	10	20	5 5			
	9	35	15	30	10			
	10	5	15	25	5			
•	12	5 5 5 5 5	10 15	25 25	5 5 5 5 5 5 5 5 5			
()	13	5	10	25	5			
	14	5	10	20	5	ŀ		
	15 16	5	15	25	5	4.1	ŀ	
	17	5	15 15	25 25	10 10			
	18	5	15	25	< 5 < 5		i.	
	19 20	5	15	25 35 25 25 25 25 25 25 25 25 25 20	< 5			
	21	5	20 15	20	5 5			
	22	5	15	20	< 5	Į.]-
	21 22 23 24	5	10	25	< 5			:
	25	5	15 15	20	<5 <5 5 <5			
	25 26	105555555555555555555555555555555555555	10	20 35 20 25 25 20 25 25 20 20 20 35	10		<u> </u>	
	27 28 29 30 31 32 33 34 35	5	10	20	5			
	28	5	10 5	25 25	\ 5			
	30	5	10	20	<5 <5 <5			
α	31	5	10	25	< 5			
V	32	10	15	25	<5			↓
	34	5 5	10 15	20	5 5 10 10			
	35	50	15	20	10	ļ.		
	36	40	15	35	10			
	37 38	20	15 10	30 30	5	<u> </u>		
	39	5 10 5 25	15	35	5			
	40	10	15	35 25 25 45	5			
	41 42	25	10 15	25	10			
	43	20	15	30	10			
	44	50	15 15	45	5 5 5 5 5 10 10 5 5 5 5			
	45 46	10	10	30	\ \ 5			
	40 47	25 10	10 20	45 35	10 10			
	48	10 5 10	15	30	10			
	49	10	20	40	10			
	50	20	15	40	5	ļ.	1	<u> </u>

Atomic Absorption Spectrophotometry following a hot 25% HNO₃ leach.

Signed	11 Janua



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915 CABLE: "PHARGEO"

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 2

0010

ADELAIDE

Area:

Samples of:

Date 24/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample MSL	Number 125 51	Cu, ppm 10	Pb, ppm 15	Zn, ppm 30	Ni, ppm	Mo, ppm	Sn, ppm	
	1106		25	20	50	₹5 10			
		53 54	5 10	15 15	25 40	<5 5			
		55	25	20	45	10 5			
		20 57	5	15 15	35	(5			
		58 50	5 10	15 20	30	<5 <5 <5			
		60	10	15	45	₹5		,	
		61 62	10	20 15	45 40 30 45 45 45 45 45	<5 <5 <5			
()		63	10	15	45	<5 <5			
		65	10 10	20 15	45	⟨5			
		66 67	15 15	20 20	45 35	<5 <5			
		52 53 55 55 55 55 56 67 68 69 70	10	20	40 45 45 35 35	<5			
		70	10 25	15 15	30	〈 5 5			
e and a g		71 72	15 20	20 15	45 35	5 5			
		72 73	15	20	50	5			,
		74 75	25 40	20 20	35 40	〈5 5			
		76 77	50 80	20 20	45 40	10 10			
		78 79	25	20	35	10			
		80 81	10 55	15 20	35 35 45	5 10			
\bigcirc		81 82	10 40	20 20	30 40	<5 10	i. -		
		83	15	15	40	₹ 5			
		84 85	40 15	20 20	40 50	10			
		86 87	40	15	50 45 35	10			
		88	20 25	15 15	40	5 5 5			
		89 90	20 40	20 15	40 40	10			
		91 92	35	15 15	40 45	10 10			
		93	45 45	25	50	10			
		94 95	55 35	20 15	45 40	10 10			
		96 97	105 40	20	50 40	10			
		98	35	20 15	45	10			
		99 100	20 45	15 15	50 45	5 5			

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itomic Absorption Epectrophotometry	
Nowing a hot 25% HNO: leach.	



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

CABLE: "PHARGEO"
ADELAIDE

Samples from: NORTH BROKEN HILL LTD.

SHEET No.

0011

Area:

Samples of:

Date 24/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

Sample Number MSL125 101 2 3 4 5	Cu, ppm 35 20 30 20 45 55	Pb, ppm 15 10 15 15 10	Zn, ppm 50 45 50 40 40 40	Ni, ppm 55 55 55 55 55 55	Mo, ppm	Sn, ppm	
7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15 40 55 70 30 30 30 35 20 20 15 10 15 10	15 10 10 10 10 10 10 10 10 10 10 10 10 10	43 40 43 43 43 43 43 44 44 44 43 54 40 40 40 40 40 40 40 40 40 40 40 40 40	55500055555555555555555555555555555555			
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 150	10 25 10 10 20 40 35 15 5 5 5 10 10 75	15 20 15 20 15 20 25 20 25 20 15 15 20 20 25 20 20 20 20 20 20 20 20 20 20 20 20 20	35 40 40 30 40 30 40 40 30 40 30 30 30 30 30 30 30 30 30 30 30 30 30	\$105555555555555555 10555555555555555			

Atomic Absorption Spectrophotometry following a hot 25% HNO₃ leach.

Sianed	12 James



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915 CABLE: "PHARGEO"

Samples from: NORTH BROKEN HILL LTD,

SHEET No. 4

0012

ADELAIDE

Area:

Samples of:

Date

24/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

0	Sample Number MSL125 151 52 1000 1 2 3 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 31 32 33	Cu, ppm 15 55 10 10 10 10 10 10 10 10 10 10 10 10 10	Pb, ppm 155 150 100 100 155 150 155 150 155 150 155 150 155 150 155 150 155 150 155 150 155 150 155 150 150	Zn, 355 350 300 300 300 300 300 300 300 300	PP 505505555555555555555555555555555555	Mo, ppm	Sn, ppm	
0	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	10 10 10 10 10 15 10 10 15 25 25 70	10 15 15 20 15 15 10 10 15 10 15 20	40 40 40 30 30 32 25 32 35 35 35 45 45	10 10 10 10 10 10 55 55 55 10 10 10			

Atomic Absorption Spectrophotometry following a hot 25% HNO₃ leach.

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253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

0013

CABLE: "PHARGEO" **A**DELAIDE

Samples from:

NORTH BROKEN HILL LTD.

SHEET No.

Area:

Samples of:

25/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

· · · · · · · · · · · · · · · · · · ·	Sample Number	Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	
	MSL125 153	15 15 10	15 15 15	40 40	< 5 < 5			
	4	5 10	15 15	30 35 45	<pre>555555555555555555555555555555555555</pre>			
	9	15 20	10 15	40 45	<5 <5			
	60 61	10 20	15 10	40 45	< 5 5		4	
deai:	62 63	10	20 20	50 40	< 5 5 < 5			
O	65 66	10 10 10	15 15 15	50 45 40	5		,	
	67 68	15 10	15 15		5	t in the standard		
	69 70	10	15 15	45 35	5 4 5 4 5		-	
	71 72 73	5 5	10 15	40 35 45 35 45 35 35 35 35 35 35	< 5 < 5			
	74 74 75	5 20 20	10 10 15	25 35	5 5 5			
	76 77	20 15	15	40 40 40	5 5 5 5 5			
	9 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87	5 5	15 15	35 35	5			
	80 81	20 30	10 15	50 55 45	10 10			
0	83 84	15 25 30	20 15 15	50	10 10			
	85 86	25 20	15 15	40 45	5 5 5 < 5	:: ::	[
	88	20 70	20	35 50	< 5 5			
	89 90	25 20 15	15 15 15	45 45	5 5		:	
	91 92 93	15 10	15 10	45 45	5			Tarihi da karana ka
	94 95	5	15 15 10	35 35	5			
	96 97 98 99 200	10 5 5 5 20 20 15 15 35	10 10	40 35 45 45 45 45 45 40 35	555555555555			
	98 99	20 15	10 15	40	< 5 5	ed the detail of the control of the		
	200	15 35	15 15 15	35 40 55	5 10			
	<u> </u>	12	13	40	10	<u> </u>	<u> </u>	<u> </u>

Atomic Absorption Spectrophotometry following a hot 25% HNO₃ leach.

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GEOCHEMICAL LABORATORY

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915 CABLE: "PHARGEO"

Samples from:

NORTH BROKEN HILL LTD.

SHEET No. 2.0014

ADELAIDE

Area:

Samples of:

Date

25/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number MSL125 203 4 5 6 7 8 9 10	Cu, ppm 15 10 15 30 10 5 30 20	Pb, ppm 15 15 15 10 10 10	Zn, ppm 45 40 40 45 35 40 45	Ni, ppm 10 10 10 55 55	Mo, ppm	Sn, ppm	· · ·
0	123 145 156 178 190 122 222	25 25 20 10 10 15 25 10 20	15 10 10 10 15 15 10 10	45 55 40 45 40 45 40 40 40 40 40 40 40 40 40 40 40 40 40	555555550055555		,	
	23 24 25 26 27 28 29 30	30 15 10 10 10 70 15 10	10 15 15 15 15 15 15 10	40 45 45 40 55 50 50 45	55555555555555555555555555555555555555		••••••••••••••••••••••••••••••••••••••	
O	30 31 32 33 34 35 36 37 38 39 241 42 43 45 46 47 48 49	20 275 450 40 30 25 340 150 165 20 15 20	15 15 20 25 15 15 15 140 20 10 15 10	35 45 55 45 35 30 30 35 75 30 35 30 35 30 35 30	55 10 10 55 10 10 55 10 10 55 55 55 55 55			
	50 51 52 53 54	45 50 50 55 50	10 10 10 10 10	40 45 45 50 45	5 10 10 10			

Atomic Absorption Spectrophotometry following a hot 25% HNO₃ leach.

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*****	25	14/16	•••••	

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

0015 CABLE: "PHARGEO"

Samples from:

NORTH BROKEN HILL LTD.

SHEET No.

3.

ADELAIDE

Area:

Samples of:

Date

25/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

0	Sample Number 556 556 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75	Cu, ppm 35 30 35 30 10 20 5 5 5 7 20 30 30 30 30 30 30 30 30 30 30 30 30 30	Pb, ppm 15 10 10 10 10 10 10 10 15 15 15 15	Zn, 450 440 445 445 445 445 445 445 445 445	Ni, ppm 10015555555555555555555555555555555555	Mo, ppm	Sn, ppm	
O	74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93	40 30 150 40 150 155 155 155 155 155 155 155 155 15	10 10 15 10 10 15 10 10 10 10 10 10 10 10 10 10 10 10 10	50 40 40 40 40 50 30 45 45 45 45 45 50 50	10 10 5 5 5 5 5 5 5 5 5 5 5 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10			
	91 92 93 94 95 96 97 98 99 300 1 2	10 5 5 5 10 5 10 5 10 5 10 5	15 10 10 10 10 10 10 15 10	55 50 25 20 25 30 25 20 25 15 20 20 20	555555555555555			

Atomic Absorption Spectrophotometry following a hot 25% HNO3 leach.

Signed	<u> </u>	<u> </u>	, S	
*******		111/66		

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

0016 CABLE: "PHARGEO"

ADELAIDE

Samples from:

NORTH BROKEN HILL LTD.

SHEET No.

Area:

Samples of:

Date

25/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number MSL125 305	Cu, ppm	Pb, ppm	Zn, ppm 20	Ni, ppm	Mo, ppm	Sn, ppm	
	5	50 15	10 10	30 25	45			
*·.	8	30 10	10 10	25 25	5 5 5 45			
	10	5 5	10 10	25 20	<5 45			
	12	10	10	20	<-5			
		5	10	20 25	₹5 ₹5	: 1		
\wedge	15 16	35 2250	15 15	35 30	15 10			
V	18	25 105	10 10	25 25	10 10			
	19 20	20 25	10 15	30 35	15 15	Ten Stephys		
	21 22	35 15	15 15	30 35 35 35 30 35	15 15			
	23 24	610 20	15	30	10			
	25	45 15	15 15	40	15			
	27	35	10 10	30 40	5 15 <5			
	29	10 20	10 15	20 25 30	5			
	30	10 15	10 15	30 35	15 10			
	21 22 23 24 25 26 27 28 29 31 33 34 35 37 38 39	15 5	15 15	40 40	10 15		-	
	34 35	10 5	15 10	40	10			
U	36 37	5 5 55	15	25 25 20	5			
	38	10 10	15 15	25	5 45			
	40	10	15 15	25 25	10 5			<i>ن</i> ي
	42	10 15	15 15	25 25 20	5 5	,		
	45 _44	10 15	20 15	30 35 35	10			
	1040	10 15	15	35	5	***************************************	<u> </u> 	
	41 42 43 44 1040 41 42 43	10 15 10 10	10	30 25	5			
	44	10 5 10	15 20 15 15 15 10 15	25 35 30	5			
	46	10	10	35 30	5			
	44 45 46 47 48 49	20 10	15 10 10	45	10 10 55 55 55 55 55 55 10 50			
	49	20	10	25 35	10		<u> </u>	

Atomic Absorption Spectrophotometry

following a hot 25% HNO3 leach.

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253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

0017 CABLE: "PHARGEO"

ADELAIDE

Samples from:

NORTH BROKEN HILL LTD.

SHEET No. 5.

Area:

Samples of:

Date 25/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number MSL125 1050	Cu, ppm 20	Pb, ppm 10	Zn, ppm 35	Ni, ppm 10	Mo, ppm	Sn, ppm	
	51	15	10	30	5			- - - -
	52 53	10 10	10 10	25 35 25	5 5		.	•
	54	10	10	25	5 5 5			
	55 56	10 15	10 15	30 30	5 5			
	57	10	10	20	5			
	55 56 57 58 59 60	10	10 10	25 25	< 5			
	60	10 5	10 15	25	5	•	-	
0	62	10	15	25 25	< 5			
	63 64	10 15	10 10	25 25 20 25 35 30	5			
•	61 62 63 64 65 66 67 68 69	10	15	30	<pre><5 55 55 55 15 15 15 55 <55 15 15 15 15 15 15 15 15 15 15 15 15 1</pre>			
	67	15 20	15 10	30 30	5			
	68 69	45 15	15 10	50 30	15			
	70	45	15	50	15			
	72	15 15	10 15	30 30	₹5			
	- Control of the cont	120 15	10 10	50	10			
	74 · 75 76	15	10	45 30 25 25 35 50	5 5 5 5 5			
; ;	77	15 15	10 10	25 25	5			
•	78 79 80	15	10 10	35	5			
\cap	80	55 35	10	40	20 15			
V	\$1 82 83 84 85	30 25	10 10	30 3 35	5 5 15 5 <5			
	83	25	15	50	15		-	
	85	10 15	15 15	40 35	< 5			
	86	15 10		45	\ \{5			
	88	10	15	30	\$ 5			
	90	10 15	15 10	45	<5			
	91	20	15	45	< <u>5</u>		*	
	93	35	15	50 55	5			
	94 95	15	10	30	10			
	96	15	is	35	5			-
	86 87 88 89 90 91 92 93 94 95 96 97 98 99	10 15 20 10 35 15 10 15 15	15 15 15 10 15 15 10 15 10 15 10 10	45 50 30 45 45 50 55 30 45 30 35 35	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
	99	10	10	35	5			

Atomic Absorption Spectrophotometry following a hot 25% HNO3 leach.

Signed 22	11=	عصلع	
25		_	



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

0018

CABLE: "PHARGEO"

ADELAIDE

Samples from:

NORTH BROKEN HILL LTD.

SHEET No.

6.

Samples of:

Area:

Date 25/11/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number MSL125 1100	Cu, ppm 10	Pb, ppm 10	Zn, ppm	Ni, ppm ∠5	Mo, ppm	Sn, ppm	
	1	10	15 20	35 40	< 5 < 5			
	3 4	10	20 10	35	< 5 < 5			
	5 6 7	10	25 15	20	< 5 < 5			
	7 9	15 10	20 20	35	5	200		
	10	10	20	30	5		·	
$\boldsymbol{\alpha}$	11	10 265	15 15	35 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30	<5 <5 5 5 5 5 20			
	12 13 14	170 85	30 20	25 25	10			
	15	80 20	20 15	20 15	5		•	
	16 17 18	75	15 15	30 20	5			
	19	45 70	15 10	30 20	105555555555555555555555555555555555555			
w T	20	35 15	15 15	30 20	5			
	23	20 35	15 10	40 25	5			
	24 25 26 27 28 29 30	30 40	15 10	25 25	∠5			
	27	15 45	10 15	25 20	< 5 < 5 < 5			
	28 29	20 25	15 10	40	< 5 5			
0	30 31	20 25 225	15 10	40 30 25 35 35 30 35 40	< 5 5 5			
	32 33	20 15	15 15	35 35	< 5 < 5			
	34 35	10 30	10	30	∠ 5			
	36 37	35 25	15 15 10	40 30	5			·
	38 39	45 20	10	40	5			
	40 41	10	15	40	5			
	42 43	5	15	35	45		:	
	44	5 35	10 15 15 15 10 10 15	30	< 5			
	46 47	125	10	40 65	10			
	3367890123445678949	35 25 40 10 10 10 10 10 10 10 10 10 10 10 10 10	10 15 15	45 40 30 35 30 40 45 45 40	55555555555555555555555555555555555555			

Atomic Absorption Spectrophotometry

following a hot 25% HNO3 leach.

Signed	<u> </u>	Lesson Services)
	25/1	1166	



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

CABLE: "PHARGEO"

O 1 O ADELAIDE

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 7

T No. 7 0019

Area:

Samples of:

Date 25/11/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number MSL 125 1	 Cu, ppm 10 50 30 45 50	Pb, ppm 10 10 15 15	Zn, ppm 40 40 40 45 30	Ni, ppm 5 10 5 10 5	Мо, ррт	Sn, ppm	
0				SAMPLE	MSL 125	1155 N	OT RECE	IVED.
		·	\			,		
V								

Atomic Absorption Spectrophotometry

following a hot 25% HNO2 leach.

Signed 32	4	टोखर	
25	1.1.1	عط	***************************************



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

CABLE: "PHARGEO"
ADELAIDE

Samples from:

NORTH BROKEN HILL

SHEET No.

4

0020

Area:

WARRINA

Samples of:

SOIL

Date

7/12/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

 Sample Number	Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm
Sample Number MSL 125 345 6 7 8 9 50 1 2 3 4 5 6 7 8 9 60 1 2 3 4 5 7 8 9 70	Cu, ppm 20025555022050200102520102520	Pb, ppm 10 10 10 10 10 10 10 10 10 10 10 10 10	Zn, ppm 20 30 20 25 30 30 30 30 30 30 30 30 30 30 30 30 30	Ni, ppm 15 20 15 20 20 10 10 15 5 20 10 15 5 5 10 20 10 15 5 5 5 15 15 15 15 15 15 15 15 15 15	Mo, ppm	Sn, ppm
234567890-234567890-234	20 30 45 55 35 20 20 20 20 20 20 20 20 20 20 20 20 20	10 10 5 5 5 0 0 0 0 10 10 5 5 5 10 0 0 0	30 20 20 15 10 20 25 20 25 20 25 20 10 10 15 30 10 15 20	745555555500505500055555555555555555555		

Atomic Absorption Spectrophotometry following a hot 25% HNO₃ leach.

Signed....

8/12/66

Lamson Paragon Ltd. CA 912/2

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

CABLE: "PHARGEO"

ADELAIDE

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 2

0021

Area:

WARRINA

Samples of:

SOIL

7/12/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number MSL 125 395 6 7 8 9 400	Cu, ppm 10 5 10 10 10	Pb, ppm 5 10 10 10 10	Zn, ppm 30 25 25 20 20 20 25 25	Ni, ppm 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Мо, ррт	Sn, ppm	
O	1 2 3 4 5 6 7 8 9 10 11 23 14 15 16 17 18 19 20	10 15 10 10 10 10 10 10 10 15 55 55 55 55	10 10 15 10 10 10 10 10 10 10 10 10 10 10 10 10	25 25 20 15 20 20 30 15 25 20 30 40 20 20 20 10 20	75555555555555555555555555555555555555			
O	21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42	555555555555555555555555555555555555555	5 10 10 10 10 10 5 5 5 5 5 5 5 5 10 5 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	10 10 20 25 10 20 20 20 20 20 20 20 20 20 20 20 20 25 10 20 20 20 20 20 20 20 20 20 20 20 20 20	555555555555555555555555555555555555555			

Atomic Absorption Spectrophotometry

following a hot 25% HNO₃ leach.

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

CABLE: "PHARGEO"

ADELAIDE

Samples from:

NORTH BROKEN HILL LTD.

SHEET No. 3

0022

Area:

WARRINA

Samples of: SOIL

Date 7/12/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

-	Sample Number		Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	
	MSL 125 54	3 4 5 6 7	5 10 5 15	5 10 10 10	15 15 15 30	5 5 5 5 7 7 7 7			
0	5	789012345678901234567890123	10555555555500000000000000000000000000	50005 5555 505 505 10000 500 500 500 500	15550000505555050550555055555555555555	5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,			
Q	9	4 5 5 5 7 8 9 0 1	10 10 40 20 20 15 10 5 10 10 10 10 10	10 10 10 10 10 5 5 5 5 5 10 5 10 5 10 10 10 10 10 10 10 10 10 10 10 10 10	10 35 30 25 15 15 15 25 15 25 20 10 10 15 20	15050555555555555555555555555555555555			

Atomic Absorption Spectrophotometry following a hot 25% HNO3 leach.

M°PHAR

GEOCHEMICAL LABORATORY

0023

253 SOUTH TERRACE ADELAIDE, S.A. PHONE: 23 2915

CABLE: "PHARGEO"

ADELAIDE

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 4

Area: WARRINA

Samples of:

SOIL

Date 7/12/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number	Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	
* * * * * * * * * * * * * * * * * * *	MSL 125 491 2 3 4 5 6 7	10 10 10 5 25	5 5 5 5 10	15 15 15 15	1			
		10 10	10 10 10	20 10 10	5 5 5		editor servic	
O	8 9 500 1 2 3 4	10 10 5 30 5 20	10 5 10 10 10	15 10 100 10 15 10	5 5 5 5 5 5			
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	10 5 5 10 10	15 10 10 10 10 10	15 15 5	555555555555555555555555555555555555555			
		25 25 10 10 10 10	15 15 10 10 10	10 15 15 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10	10 10 10 10 5 5 5 10			
0	18 19 20 21 22 23	10 15 20 10 10	10 15 10 10 15	15 10 10 10	10 10 10 10 5 5			
	24 25 26 27 28	10 10 10 10	10	15 10 10 15	10		**************************************	
	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 10 10 10 10 10 15 10 15 15 20 15	10 10 10 10	105000555505555	-		
	34 35 36 37 38	10 5 10 10 5	10 10 15 15 20	15 10 20 15	5 10 5 15			
	46	<u> </u>	15	15	2		<u> </u>	

Atomic Absorption Spectrophotometry following a hot 25% HNO₃ leach.

Signed Johnson 8/12/166

M°PHAR

GEOCHEMICAL LABORATORY

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 5

O24 ADELAIDE

Area:

WARR I NA

Samples of:

SOIL

Date 7/12/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number		Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	
	MSL 125 5	41 42 43 44 45 46 47 48	5 10 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 10 15 15 15 15	25 10 15 20 10 15 20	555555 505 10			
O		55123 555555555555661234556678666666666666666666666666666666666	10 10 15 15 15 10 15 10 15 10 10 10 10 10	20 10 15 10 10 10 10 10 10 10 10 15 15 10 10	20 25 10 10 10 10 10 10 20 20 20 20 20 20 20 20 20 20 20 20 20	10 10 10 10 10 10 10 10 10 10			
Medical Market M.	MSL125 11	55 55 55 55 55 55 55 56 56 56 56 56 57 56 57 57 57 57 57 57 57 57 57 57 57 57 57	15 10 10 10 10 10 10 10 10 10 10 10 10	10 10 10 10 10 10 10 10 10 10 10 10 10 1	25 15 10 10 15 10 15 10 15 20 20 20 20 20 25 15 25 25 20 20 20 20 20 20 20 20 20 20 20 20 20	555555555555555555555555555555555555555			

Atomic Absorption Spectrophotometry

following a hot 25% HNO3 leach.

Signed / Johnson 5/12/64



253 SOUTH TERRACE ADELAIDE, S.A.

0025

PHONE: 23 2915 CABLE: "PHARGEO"

ADELAIDE

Samples from:

NORTH BROKEN HILL LTD.

SHEET No. 6

Area:

WARRINA

Samples of:SOIL

Date 7/12/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

-	Sample Number	Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	1
	MSL125 1177	5	15	20 15	•			
	79		15	15	555555555555555555555555555555555555555			
	80	5 15 5	15 15 15 10 10	20	5			
	81	5	15	15 30	< 5	ŀ		
	83	5	15	20	5			
	04	10	10	20	5			
	86		10	25	2 2			
	87	10	5	20	5			
	88	5	10	15	5			
21.7	89	20	10 10	20	5			
\sim	90	5	10	25	5			
V	91	5	10	20	5			ļ:
	92	5	10	20 20	5			
	95	2	10	30	5			
	95	2	10 15	25	2			
	91 92 93 94 95 96 97 98 99	5	10	20	10			
	97	5	PO	20	10			
	98	5	10	25	5			
	99	5	10	25	<5			
	1200	5	10	20	5			
		5	10	30 25	5			
	2	2	10	25	5			,
	2 3 4 5 6	155055555555555555555555555555555555555	10 10	25	5 <5 5 5 5 5 10			
	5	10	15	25	10			
	6	io	15	20	5			
	7	10 10 25	15 15 15	20 30 25	5 10			
	8	20	10	25	10			
\bigcirc		50 15 5 5 5	15	30	5			
\sim	10	15	10	10	5			
	1 1	2	15	10	5			
	12	5	10 10	15	2			
	13	5	10	20 25	5			
	15	5	10		5			
	15	5	10	25	5			·
	17	5	10	20	5			
	18	5	10	25	5			
	19	5	10	25	5			
	20	2	10	20	55			
	20	2 5	10	20	\ 2			
	15 17 18 19 20 21 22 24 25 27 28	555555555555555555555555555555555555555	10 10 10 10 10 10 10 10 10 10	30 25 20 25 20 20 20 25 10 10	555555555555555555555555555555555555555	ŀ		
	24	5	10	25	10	-		
	25	5	10	10	5			}
	26	5	10	10	< 5			ķ
	27	5	10	10	5		ļ	
		5	15	<u> 10 </u>	5	<u>. l</u>	1	1

Atomic Absorption Spectrophotometry

following a hot 25% HNO3 leach.

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1178

Signed.

18/12/66



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

0026 CABLE: "PHARGEO"

ADELAIDE

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 7

Area:

WARRINA

Samples of: SOIL

Date 7/12/66

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

Sample Number Supple No. Pb. ppm Sn. ppm S	
31 5 10 10 <5 32 5 10 15 5	
31 5 10 10 <5 32 5 10 15 5	
32 33 34 35 36 37 38 39 40 41 42 43 44 42 43 44 45 46 48	
33 5 10 10 5 34 35 10 15 15 35 15 10 10 15 36 5 10 10 15 37 38 10 10 15 39 40 15 15 15 41 42 43 44 45 43 44 45 15 15 46 48 5 15 15	
34 5 10 15 5 35 15 15 10 36 37 5 10 10 38 5 15 10 15 39 5 10 15 15 40 5 10 15 5 41 5 10 10 5 42 5 10 15 15 43 44 5 15 15 45 10 10 20 <5 46 46 5 15 15 48 5 15 15 5	
35 5 15 15 10 36 37 5 10 20 10 37 38 5 15 10 15 5 39 5 10 15 15 15 15 40 5 10 15 15 5 10 41 5 10 15 15 15 15 42 5 10 15 15 15 15 43 44 5 15 15 15 5 46 48 5 15 15 5	
36 5 10 20 5 37 5 15 10 5 38 5 10 20 10 39 5 10 15 15 41 5 15 15 5 42 5 10 15 10 43 44 5 15 15 15 45 46 5 15 15 5 46 48 5 15 15 5	
37 5 15 10 5 38 5 15 10 5 39 5 10 20 10 40 5 10 15 5 41 5 15 15 5 42 5 10 10 5 43 5 15 15 15 44 5 15 15 5 45 10 10 20 <5 46 5 15 15 5 48 5 15 15 5	
38 39 40 41 5 10 15 15 15 15 15 15 15 15 15 15	
39 5 10 20 10 40 5 10 15 5 41 5 15 15 5 42 5 10 10 5 43 5 10 15 10 44 5 15 15 5 45 10 10 20 <5 46 5 15 15 5 48 5 15 15 5	
40 41 42 5 10 15 5 10 10 5 10 15 10 15 10 15 10 15 15 15 15 15 15 15 15 15 15	
42 42 5 10 10 15 10 15 10 15 15 15 15 15 15 15 15 15 15	
43 5 10 15 10 44 5 15 15 5 45 10 10 20 <5 46 5 15 15 5	
444 5 15 15 5 45 10 10 20 <5 46 5 15 15 5	
45 10 10 20 <5 46 5 15 15 5 5	
46 5 15 15 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	
49 10 15 10 5	
50 5 15 20 5	
51 10 15 10 5	
52 10 10 20 5	
53 10 10 20 5	
54 10 10 20 5 55 5 10 25 5 56 5 10 10 10 57 5 5 25 5 58 10 10 35 5 59 10 15 40 10 60 5 10 15 5	
55 5 10 25 5	
56 5 10 10 10 57 5 5 25 5	
5/ 5 25 5	
58 10 10 35 5 59 10 15 40 10	
50 15 40 10	
60 5 10 15 5 61 10 10 25 5	
61 10 10 25 5 62 10 15 20 5	
63 5 10 30 10	
64 10 i5 20 i0	
60 5 10 15 5 5 61 62 10 15 20 5 63 5 10 15 20 10 65 10 15 20 10	
60 5 10 15 5 5 6 6 6 10 15 20 10 6 6 6 6 10 15 20 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
66 10 15 30 15 67 10 15 25 5	
6B 10 10 30 5	
69 5 10 20 10	
70 5 15 35 10	
7	
/K 2 15 30 10	
7 10 10 15 5	
69 5 10 20 10 70 5 15 35 10 71 5 15 30 10 72 5 15 30 10 73 5 10 15 5 74 10 10 15 10 75 5 15 20 10 76 10 10 10 10	
76 10 10 10 10	
76 10 10 10 10 77 10 10 10 10 10 10 10 10 10 10 10 10 10	
66	
66 10 15 30 15 67 68 10 10 30 5 69 5 10 20 10 70 71 5 15 30 10 71 72 5 15 30 10 72 73 5 10 15 5 74 10 10 15 10 75 75 5 15 20 10 77 78 15 15 15 20 10 78 79 5 15 10 10 10 10 10 10 10 10 10 10 10 10 10	

Atomic Absorption Spectrophotometry following a hot 25% HNO3 leach



Samples of: SOIL

WARRINA

GEOCHEMICAL LABORATORY

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

CABLE: "PHARGEO"

ADELAIDE

Area:

Samples from: NORTH BROKEN HILL LTD.

SHEET No.

Date 7/12/66

0027

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number	80 81 82 83 84 85 86 87 88 89 90 91	Cu, ppm 50 10 55 55 55 55 55 55 55 55 55 55 55 55 55	Pb, ppm 10 15 10 10 10 10 15 15 10 10 10	Zn, ppm 10 25 10 10 20 25 25 25 15 15 20 20	Ni, ppm 5 10 10 10 4 5 5 5 5 5 5 5 5	Mo, ppm	Sn, ppm	
				\ i					
O									

Atomic Absorption Spectrophotometry following a hot 25% HNO3 leach.

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	A	8/12/66.	



253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915 CABLE: "PHARGEO"

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 1

0028

ADELAIDE

Area:

ALBURY

Samples of:

Date 7/12/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number PD 1 2 3 4 5 6 7 8 9 10 11	Cu, ppm 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	
O	12 13 14 15 16 17 18	1223112211						
0	20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	121111111114	V je					
	34 35 36	1 2						
						5		

CX CU BY GPRC TC 25.

Sianed	Pohnon.	
	17/12/66	



WARRINA

GEOCHEMICAL LABORATORY

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915

CABLE: "PHARGEO"

ADELAIDE

Area:

Samples from: NORTH BROKEN HILL LTD.

SHEET No. 2

0029

Samples of:

Date

14/12/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

MSL125	62 22 22 2 2 2 9 9 9 9 9 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	195555555555555555555555555555555555555	10500000000000000000000000000000000000	2232222333232323222232223222332222332222	pp 55555555555555555555555555555555555	Sn, ppm	
							a V

Atomic Absorption Spectrophotometry following a hot 25% HNC3 leach.

Sianed	<u>l</u>	Johnson	
	ĺ	14/17/66	

MPHAR

GEOCHEMICAL LABORATORY

253 SOUTH TERRACE ADELAIDE, S.A.

PHONE: 23 2915 CABLE: "PHARGEO"

ADELAIDE

Samples from: NORTH BROKEN HILL LTD.

SHEET No.

VDELVIDI

Area:

WARRINA

0030

Samples of:

Date

14/12/66.

RESULTS OF ANALYSIS

SAMPLES ARE RETAINED FOR SIX MONTHS PRIOR TO DISPOSAL, UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY HAVE BEEN RECEIVED.

	Sample Number MSL125 570	Cu, ppm	Pb, ppm	Zn, ppm	Ni, ppm	Mo, ppm	Sn, ppm	
	71 72	15 10 10	10 15 10	30 30 25	5 5 10			
*	73 74	5	10	20 20	10 5 5 5 5 5 5 5 5			
	75 76 77	5 5 5	5 10 5 10	25 20	5 5			
	78 79	10 10	10 15	30 20 30	5		. ·	
Ó	81 82	5	10 10 5	30 30	5 5 5 5 5 5	:		
	76 77 78 79 80 81 82 83 84 85 86 87 88 89	555555	10 10	20 25 30	5	ya in the care water the fill		
	85 86 87	5 5 10	10 10 10	30 25 25 25	25 5 10			
	88 89	10 10	10 10	30 20	5 10			
	90 91 92	10 10 5	10 10 5	25 20	10 5 10			
	93 94	10 5	10 5 5	30 20 25 20 20 25 20 20	5 5			
	95 96 97	10 10 10	5 10 10	30	10 10 10			
	98 99 600	5	15 10	20 30 25			· 	
Q	1	5 5 10 5 5 10 5	5 10 15	20 20	55555505 \			
~	2 3 4 5	10	15 20	20 20 20	5 10			:
*	6		5 10	20 20	5 5			
	8 9	10	10 5	20 20 30	< 5 < 5			
	10 11 12	10 15	25 20	30 40	۷5 5			· · · · · · · · · · · · · · · · · · ·
	13 14	10	10 10	20 25 25	< 5 5			
	6 7 8 9 10 11 12 13 14 15 16 17 18	5 10 5 10 15 10 10 10 15 10	10 10 55 20 10 10 10 10 10	20 20 20 30 40 20 25 30 25 20 25	\\\ \\ \\\\ \\			
	18 19	10	10 10	25 20	5 5 5			

Alomie Absorption Spectrophotometry Collowing a hot 25% HNO3 leach.

Signed	P John, on.	
******	14/12/06.	•••

