017512

30

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number: Pb Reruns (68-HO-6) Weight of Sample: 0.200gm

From: HESS - DEX Extraction:

Tested For: Pb Volume Used:

Date: 8-7-68 Analyst:

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM	Pb	PPM		PPM		PPM		PPM		PPM
1	P. DEAN 35				10								
2	36				5								
3	39				5								
4	P. CLARIDGE 9				3								
5	10				8								
6	11				3								
7	14				3								
8	15				5								
9	16				8								
10	G. SANFORD 5				12								
11	13				16								
12	14				5	(12)							
x x	x x x x x x	x	x	x	x	x	x	x	x	x	x	x	x
SOIL													
13	P. DEAN 8				43								
14	P. CLARIDGE 7				19								
15	6				10								
16	8				5								
17	12				19	(5)							

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 69-HC-6 Weight of Sample 0.2 gm

From HESS-OLEX Extraction Hot aqua regia leach

Tested For Pb RE-RUNS Volume Used 1 ml

Date August 14/69 Analyst

Soil

SAMPLE NUMBER													
OURS	YOURS		PPM	Pb	PPM		PPM		PPM		PPM		PPM
1	DUPLICATE 2				46								
2	6				32								
3	9				44								
4	12				40								
5	DUPLICATE 8				30								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-40-6 (Pb REruns) Weight of Sample 0.200gm

From HESS - OEX Extraction hot HCl

Tested For Pb only Volume Used 5mls

Date Aug 13/68 Analyst

SILT

SAMPLE NUMBER			PPM	Pb	PPM		PPM		PPM		PPM		PPM
OURS	YOURS												
1	P. CANDIDE 9				19								
2	10				25								
3	11				16								
4	14				16								
5	15				23								
6	16				35								
7	6. SANFORD 5				35								
8	13				30								
9	14				38								
10	P. DEAN 35				16								
11	36				35								
12	39				19								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number: Pb re-runs
From: Hess OEX
Tested For: Pb
Date: July 29 1968

Weight of Sample:
Extraction:
Volume Used:
Analyst:

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM		PPM		PPM		PPM		PPM		PPM
1.	68-HO-18 S. McLEOD 75	~~9~~	15										
2	129	14	24										
3	130	12	20										
4	M. LADUE 128	6	9										
5	146	~~8~~	13										
6	195	9	15										
7	170	12	20										
8	118	6	9										
9	P. DEAN 118	8	13										
10	127	8	13										
11	128	11	18										
12	140	13	22										
13	T. SIGVSENG 60	20	35										
14	66	15	25										
15	68-HO-11 P. DEAN 106	8	13										
16	67	9	15										
17	71	14	24										
18	74	16	27										
19	75	15	25										
20	68-HO-15 R. ETZEL 157	10	17										
21	164	7	11										
22	165	9	15										
23	175	15	25										
24	179	8	13										
25	180	9	15										
26	181	8	13										
27	183	10	17										
28	185	9	15										
29	196	10	17										
30	S. McLEOD 48	10	17										
31	49	8	13										
32	50	7	11										
33	51	7	11										
34	52	5	7										
35	53	6	9										
36	54	5	7										
37	55	8	13										
38	56	6	9										
39	57	6	9										
40	58	5	7										

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

2.

Report Number Pb re-runs

From Hess - OEX

Tested For Pb

Date July 29 1968

Weight of Sample

Extraction

Volume Used

Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	[redacted]	PPM	[redacted]	PPM		PPM		PPM		PPM		PPM
41	68-HO-18 M. LaDue 210	11	18	X2	36								
2	K. Heinonen 107	11	18		36								
3	108	12	20		40								
4	T. Stoneberg 58	9	15		30								
5	59	10	17		34								
6	61	13	22		44								
7	62	7	11		22								
8	63	9	15		30								
9	64	12	20		40								
0	65	12	20		40								
51	67	9	15		30								
2	68	8	13		26								
3	69	8	13		26								
4	70	7	11		22								
5	71	42	79		158								
6	72	49	93		186								
7	74	10	17		34								
8	75	8	13		26								
9	76	8	13		26								
0	77	8	13		26								
61	78	8	13		26								
2	79	8	13		26								
3	80	8	13		26								
4	81	9	15		30								
5	82	10	17		34								
6	83	8	13		26								
7	84	18	31		62								
8	86	14	24		48								
9	87	15	25		50								
0	88	12	20		40								
71	89	8	13		26								
2	90	9	15		30								
3	91	17	29		58								
4	92	22	39		78								
5	68-HO-15 207	5	7		14								
6	210	6	9		18								
7	211	6	9		18								
8	213	28	5		10								
9	214	27	49		98								
80	223	12	20		40								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

3.

Report Number Pb re-runs

From HESS - OEX

Tested For Pb

Date July 29 1968

Weight of Sample

Extraction

Volume Used

Analyst

SOIL x2

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM		PPM		PPM		PPM		PPM		PPM
81	OE-HO-15 R. ETZEL 224	11	36										
2	225	6	18										
3	230	5	14										
4	231	20	70										
5	232	15	50										
6	233	7	22										
7	254	8	26										
8	262	9	30										
9	265	9	30										
0	270	6	18										
91	272	10	34										
2	273	14	48										
3	275	8	26										
4	278	16	54										
5	279	15	50										
6	281	8	26										
7	S. Meleod 12	6	18										
8	25	6	18										
9	29	6	18										
0	39	6	18										
101	41	6	18										
2	J.S. Brock 1	15	50										
3	5	13	44 22										
4	6	7	22										
5	17	7	22										
6	T. Skansens 1	9	30										
7	2	13	44										
8	6	11	36										
9	8	8	26										
0	10	10	34										
111	10A	13	44										
2	23-2	7	22										
3	24	9	30										
4	38	10	34										
5	44	7	22										
6	48	7	22										
7	57	9	30										
8	P. Dean 109	7	22										
9	K. Heinanen 68	7	22										
120	75	9	30										

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number Pb re-runs Weight of Sample

From HESS - OEX Extraction

Tested For Pb Volume Used

Date July 29 1968 Analyst

SOILS X-2

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM		PPM		PPM		PPM		PPM		PPM
121	68-HO-15 K. HEINANEN 76	X	7	22									
2	77		7	22									
3	78		7	22									
4	P. Clavidge 183		6	18									
5	M. LADUE 120		5	14									
6	T. SKONSENG 18		8	26									
7	19		8	26									
8	20		8	26									
9	23-1		8	26									
0	27		7	22									
131	P. Clavidge 144		15	50									
2	P. DEAN 153		7	22									
3	154		8	26									
4	155		7	22									
5	T. SKONSENG 97		8	26									
6	100		7	22									
7	101		9	30									
8	102		6	18									
9	103		9	30									
0	110	II	36	776									
141	112	X	5	14									
2	118		6	18									
3	119		5	14									
4	120		6	18									
5	123		6	18									
6	130		4	10									
7	132		4	10									
8	133		5	14									
9	135		7	22									
0	68-HO-21 K. HEINANEN 114		6	18									
151	115		12	40									
2	117		4	10									
3	120		6	18									
4	121		5	14									
5	123		5	14									
6	R. ETZEL 384		4	10									
7													
8													
9													
160													

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number Pb re-run

From HESS - OEX

Tested For Pb

Date July 29 1968

Weight of Sample

Extraction

Volume Used

Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM		PPM		PPM		PPM		PPM		PPM
157	~~68-HO-15~~ S. McLeod	59	~~8~~	13									
8		60	8	13									
9	B. Waugh	1	8	13									
160		2	9	15									
1		3	8	13									
2		4	8	13									
3		5	9	15									
4		6	9	15									
5		7	8	13									
6		10	57	109									
167	J.S. Brock	3	16	27									
8		4	11	18									
9		7	13	22									
170		8	31	57									
1		9	30	55									
2		10	12	20									
3		15	22	39									
4		16	15	25									
5	T. Skarseng	9	15	25									
6		35	22	39									
177		48	8	13									
8		49	7	11									
9		52	8	13									
180		54	13	22									
1	P. Dean	87	7	11									
2		89	8	13									
3		94	7	11									
4		95	11	18									
5		96	9	15									
6		97	9	15									
187		100	10	17									
8		104	8	13									
9		105	9	15									
190		106	9	15									
1	K. Heinanen	82	7	11									
2		83	14	24									
3		84	10	17									
4		85	11	18									
5		86	7	11									
196		87	8	13									

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

6

Report Number Pb re-run

From HESS OEX

Tested For Pb

Date July 29 1968

Weight of Sample

Extraction

Volume Used

Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		~~PPM~~		PPM		PPM		PPM		PPM		PPM
197	68-HO-15 K. Heinanen	88		X	9	15							
198		89			10	17							
199		92			9	15							
200		93			8	13							
1		95			16	27							
2		96			12	20							
3		97			31	57							
4	G. Sanford	39			12	20							
5		40			13	22							
6		41			13	22							
207		44			9	15							
8		45			12	20							
9		46			8	13							
210		47			9	15							
1		48			11	18							
2		49			10	17							
3		50			10	17							
4		51			9	15							
5		52			11	18							
6		53			7	11							
217		54			6	9							
8		55			7	11							
9		56			9	15							
220		57			7	11							
1		58			8	13							
2		59			6	9							
3		60			9	15							
4		61			9	15							
5		62			7	11							
6		63			8	13							
227		64			7	11							
8		65			6	9							
9	P. Clairidge	120			7	11							
230		128			8	13							
1		130			9	15							
2		131			8	13							
3		150			8	13							
4		151			15	25							
5		152			15	25							
236		153			11	18							

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number Pb re-runs

From HESS - OEX

Tested For Pb

Date July 29 1968

Weight of Sample

Extraction

Volume Used

Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM		PPM		PPM		PPM		PPM		PPM
237	68-Ho-15 P. Clairidge	154	~~10~~	17									
8		155	7	11									
9		156	7	11									
240		157	8	13									
1		158	7	11									
2		159	8	13									
3		161	8	13									
4		163	8	13									
5		164	9	15									
6		167	9	15									
247		168	7	11									
8		171	7	11									
9		172	6	9									
250		175	6	9									
1		176	7	11									
2		177	7	11									
3		178	11	18									
4		181	10	17									
5		182	8	13									
6		185	8	13									
257		186	8	13									
8		187	7	11									
9		188	5	7									
260		189	7	11									
1		191	8	13									
2		192	8	13									
3		193	8	13									
4		199	7	11									
5	M. LADUE	42	9	15									
6		45	8	13									
267		47	7	11									
8		52	10	17									
9		53	8	13									
270		85	8	13									
1		173	8	13									
2		115	10	17									
3		125	5	7									
4	S. McLeod	42	7	11									
5		43	9	15									
276	68-Ho-24 R. Etzel	411	19	33									

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number Pb re-runs

From Hess OEK

Tested For Pb

Date July 30 1968

Weight of Sample

Extraction

Volume Used

Analyst

SILT.

SAMPLE NUMBER			PPM		PPM		PPM		PPM		PPM		PPM
OURS	YOURS												
277	68-HO-24 S. McLeod 334	6	9										
8	335	7	11										
9	336	8	13										
280	337	7	11										
1	338	5	7										
2	339	5	7										
3	341	6	9										
4	342	5	7										
5'	344	6	9										
6	346	6	9										
287	348	4	5										
8	349	4	5										
9	351	4	5										
290	352	4	5										
1	353	4	5										
2	354	4	5										
3	355	5	7										
4	P. DEAN 207	4	5										
5'	S. McLEOD 356	5	7										
6	357	4	5										
7	358	4	5										
8	M. LADUE 274	4	5										
299	R. ETZEL 348	4	5										

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number Pb YR-runs

From Hess OEX

Tested For Pb

Date

Weight of Sample

Extraction ASSAY METHOD

Volume Used

Analyst

Rock Chips (Saws)

SAMPLE NUMBER			PPM		PPM		PPM		PPM		PPM		PPM
OURS	YOURS												
	68-HO-15												
300	T.S Eaneseng 19	D 13	44										
304	19ss	9	30										
302	20	9	30										
303	42	5	14										
304	44	4	10										
305	57	4	10										

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-1 | Weight of Sample .2 grm

From HESS OEX | Extraction HCl

Tested For Cu, Pb, Zn | Volume Used 5 ml

Date JUNE 15, 1968 | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	ZN	PPM		PPM		PPM		PPM
1	R. Etzel 1		31			212							
2	2		28			128							
3	3		13			63							
4	4		15			73							
5	5		10			49							
6	6		5			53							
7	7		10			86							
8	8		10			59							
9	9		23			123							
10	10		10			116							
11	11		9			76							
12	12		8		x	480							
13	13		23			133							
14	13A		38			190							
15	14		2			69							
16	15		30		x	530							
17	16	13.0			x	1410							
18	17		15			93							
19	18		25			210							
20	19		28		x	730							
21	20		38		x	790							
22	21		35			92							
23	22		25			109							
24	23		13			97							
25	24		9			100							
26	A 25		9			88							
27	B 25		16			92							
28	26		18			88							
29	27		N.D			52							
30	28		5			49							
31	29		8			59							
32	30		2			56							
33	31		18			198							
34	32		35		x	290							
35	33		35		xx	2800							
36	34		28		x	1410							
37	35		13		x	600							
38	A-4 (coates)		N.D			73							
39	2		3			24							
40	3		10			49							
41	A-5 4 (AHO)		16			48							

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-6 Weight of Sample .2 gm

From HESS OEX Extraction HCl

Tested For Cu, Zn Volume Used 5 ml.

Date June 17, 1968 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
1	KH - 1		25				54						
2	2		16				47						
3	3		16				52						
4	4		31				81						
5	5		28				111						
6	6		16				12						
7	7		31				93						
8	8		18				51						
9	9		28				116						
10	10		34				~~58~~						
11	11		28				33						
12	T.C 6	11.5	52				6						
13	7		34				3						
14	8		40				23						
15	9		25				92						
16	10		16				116						
17	11		23				17						
18	13		16				38						
19	14		18				29						
20	15		21				34						
21	18		25			dil	520						
SOILS													
25	T.C. 11-B		36				118						
26	12		56				114						
27	16		18				66						
28	17		18				150						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-6 Weight of Sample .2 GRM.

From H.O. Extraction HOT AQUA REGIA

Tested For Cu, Pb, ZN Volume Used 10 ML

Date JUNE 10/68 Analyst

SOIL

SAMPLE NUMBER			PPM	ZN.	PPM	Cu.	PPM		PPM		PPM		PPM
OURS	YOURS												
87	7. P.D				98		26						
88	8				60,000		18						
89	12				180		30						
90	16				152		36						
91	1 P.C				72								
92	2				80		144						
93	3				66		50						
94	4				10		18						
95	6				40		56						
96	7				30		42						
97	8				60		68						
98	12				20		86						
99	13				20		16						
100	36 R.E				104		42						
101	37				90		30						
102	38				98		32						
103	39-A				70		30						
104	39-B				46		26						
105	40				126		32						
106	41				98		20						
107	42				98		18						
108	43				146		46						
109	44-A				96		30						
110	44-B				120		32						
111	45				90		30						
112	46				172		32						
113	61				98		20						
114	62				114		30						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-6 Weight of Sample .2 gRM.

From HESS Extraction COLD HCl

Tested For Cu, Pb, Zn Volume Used 5 ml.

Date JUNE 10, 1968 Analyst

SILTS

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	P.Dean 1	6.5	25#			30.0	79						
2	2	5.0	18			46.0	147						
3	3	7.5	30.0			44.5	139						
4	4	4.0	15			44.5	139						
5	5	5.0	18			46.0	147						
6	6	3.5	13			45.5	145						
7	9	3.5	13			43.5	136						
8	10	6.5	25			42.0	128						
9	11	4.0	15			38.0	109						
10	13	5.0	18			45.5	145						
11	14	6.0	23			47.5	155						
12	15	4.5	16			51.0	172						
13	17	4.0	15			28.0	73						
14	18	2.5	9			33.0	90						
15	19	4.0	15			38.0	109						
16	20	3.5	13			17.5	44						
17	21	2.5	9			16.5	42						
18	22	4.0	15			22.5	56						
19	23	4.5	16			18.5	47						
20	24	5.5	21			19.5	49						
21	25	2.5	9			4.5	12						
22	26	5.0	18			49.0	163						
23	27	4.0	15			33.5	91						
24	28	3.5	13			35.0	97						
25	29	4.0	15			42.0	128						
26	30	3.0	10			36.5	104						
27	31	2.5	9			27.0	69						
28	32	4.5	16			44.5	139						
29	P Clairidge 5	12.0	50			28.0	73						
30	9	16.5	75			53.0	184						
31	10	16.5	75			57.0	207						
32	11	16.5	75			59.0	218						
33	14	10.0	40			57.5	208						
34	15	9.5	38			15.0	360						X
35	16	8.0	31			12.0	300						X
36	17	7.5	30			28.5	75						
37	18	9.5	38			34.0	93						
38	19	12.5	51			40.0	118						
39	20	11.0	43			46.0	147						
40	21	11.0	43			44.0	138						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-6 Weight of Sample 2 GRM

From HESS Extraction COLD HCL

Tested For Cu, Pb, ZN Volume Used 5 ML

Date June 10/68 SILTS Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	ZN	PPM		PPM		PPM		PPM
41	PCI RIDGE 22	8.0	33			50.0	168						
42	23	5.0	20			44.5	139						
43	24	6.0	24			27.5	71						
44	G. SANDFORD 1	4.0	15			24.0	60						
45	2	4.0	15			21.5	53						
46	3	5.5	23			15.5	35						
47	4	3.5	14			10.0	25						
48	5	4.5	18			58.0	212						
49	6	5.0	20			50.5	170						
50	7	6.5	25			55.0	195						
51	8	4.5	18			32.0	86						
52	9	3.5	14			33.0	90						
53	10	4.5	18			27.5	71						
54	11	4.5	18			22.0	54						
55	12	3.0	12			24.5	62						
56	13	9.5	42			13.0	330						X
57	14	2.5	10			13.0	330						X
58	45	4.5	18			49.5	166						
59	16	3.0	12			16.5	42						
60	R ETEEL 47	5.0	20			18.5	47						
61	48	7.0	28			30.0	79						
62	49	4.0	15			21.5	53						
63	50	4.5	18			29.0	76						
64	51	3.0	12			26.0	66						
65	52	4.0	15			25.0	63						
66	53	4.5	18			45.0	143						
67	54	4.5	18			13.5	34						
68	55	3.0	12			25.0	63						
69	56	5.5	23			28.0	73						
70	57	2.0	8			21.5	53						
71	58	4.0	15			27.0	69						
72	59	4.5	18			28.0	73						
73	60	5.5	23			32.5	88						
74	62	6.0	24			7.5	18						
75	64	6.5	25			20.0	49						
76	65	3.5	14			10.0	25						
77	66	3.0	12			16.0	40						
78	67	7.0	28			45.5	145						
79	68	6.5	25			32.5	88						
80	69	4.0	15			24.5	62						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-6 | Weight of Sample - 2 GRM

From #0 | Extraction HCL

Tested For Cu, ZN | Volume Used 5 ML

Date JUNE 11, 168 | Analyst

SILT

SAMPLE NUMBER		Cu	PPM		PPM		PPM	ZN	PPM		PPM		PPM
OURS	YOURS												
81	70 RE		18					97					
82	71		15					76					
83	72		13					86					
84	73		15					111					
85	74		10					65					
86	75		25					57					
115	33 P.D		10					150					
116	34		~~N.D~~					79					
117	35		13					193					
118	36		9					320					
119	37		N.D.					30					
120	38		18					43					
121	39		15					570					
122	40		16					50					
123	41		8					107					
124	42		16					90					
125	43		15					104					
126	44		10					147					
127	45		N.D.					97					
128	46		10					57					
129	47		8					54					

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number ..... Weight of Sample .....

From HESS - OEX Extraction .....

Tested For Cu Pb Zn Volume Used .....

Date 22/6/81 Analyst .....

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
	A. CHARLIE 249		5	5	[illegible]		33						
	250		8	19	[illegible]		57						
	261		162	38	[illegible]		40						
	252		23	14	[illegible]		109						
	253		8	16	[illegible]		48						
	254		13	8	[illegible]		69						
7	255		16		5	x	420						
8	256		21		12	x	300						
9	257		35		19	x	470						
0	258		18		16		233						
91	259		16		16	x	250						
2	260		15		8	x	270						
3	261		9		5		62						
4	262		16		19		109						
5	263		16		12	x	330						
6	264		23		19	x	2380						
7	265		25		10		238						
8	G. TIMMY 117		16		16		38						
9	118		16		14		54						
0	119		13		14		54						
101	120		9		22		57						
2	121		8		14		100						
3	122		8		10		81						
4	123		13		12		109						
5	124		9		28		121						
6	125		8		10		49						
7	126		10		8		128						
8	127		10		19		170						
9	128		9		19	x	250						
0	129		10		14		245						
111	130		9		10		131						
2	131		9		5		157						
3	132		13		12		141						
4	133		10		22		133						
5	134		10		14		131						
6	135		13		14		48						
7	136		13		10		73						
8	137		10		16		100						
9	138		13		14		78						
120	139		15		19		86						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-8 Weight of Sample .2 gm

From Extraction Cold HCl

Tested For Cu, Pb, Zn Volume Used 5 ml

Date June 14/68 Analyst

SILTS

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	T.B. 1		23				~~65~~						
2	2		21				82						
3	3		23				92						
4	4		18				76						
5	5		15				65						
6	6		10				84						
7	7		15				93						
8	8		13				88						
9	9		15				116						
10	10		9				36						
11	11		13				101						
12	12		10				78						
13	13		10				75						
14	14		13				116						
15	15		5				59						
16	16		15				95						
17	17		16				82						
18	18		13				69						
19	19		16				90						
20	20		10				51						
21	21		10				73						
22	22		34				59						
23	23		28				53						
24	24		13				57						
25	25		15				35						
26	26		13				65						
27	27		13				56						
28	28		10				75						
29	29		13				105						
30	30		3				19						
31	31		10				54						
32	32		9				51						
33	33		10				44						
34	34		13				48						
35	35		10				22						
36	36		10				52						
37	37		N.D.				18						
38	38		3				47						
39	39		5				59						
40	40		5				62						
~~41~~	~~41~~												

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-8 | Weight of Sample .2 gm

From | Extraction Cold HCl

Tested For Cu, Pb, Zn | Volume Used 5 ml

Date June 14/68 | Analyst

SILTS

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	T.B. 41		21				27						
42	42		10				32						
43	43		9				33						
44	44		16				69						
45	45		3				23						
46	46		3				23						
47	47		5				38						
48	48		3				33						
49	49		15				34						
50	50		13				40						
51	51		13				25						
52	52		9				27						
53	53		5				25						
54	54		ND				ND						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-8 | Weight of Sample .2 GRM

From HESS | Extraction .5 N. HCl

Tested For Cu, Pb, ZN | Volume Used 5 ML

Date JUNE 14/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	ZN	PPM		PPM		PPM		PPM
1	M.S 1.		15				66						
2	2		18				60						
3	3		10				52						
4	4		18				54						
5	5		16				63						
6	6		15				71						
7	7		9				51						
8	8		21				82						
9	9		15				75						
10	10		13				82						
11	11		9				76						
12	12		10				51						
13	13		45				52						
14	14		18				79						
15	15		3				36						
16	16		35				63						
17	17		30				71						
18	18		13				34						
19	19		16				68						
20	20		30				79						
21 ~~50A~~	~~50A~~ 50A	12.0	207				290						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-8 | Weight of Sample .2GM.

From HESS | Extraction HOT AQUA REGIA

Tested For Cu, Pb, ZN | Volume Used 10 ML.

Date JUNE 14, 168 | Analyst

SOIL

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
21	21 M.S		4				90						
	22		56				124						
	23		16				60						
	24		20				106						
	25		20				136						
	26		4				86						
	27		32				90						
	28		32				80						
	29		16				72						
	30		16				80						
31	31		20				58						
	32		46				90						
	33		36				158						
	34		10				120						
	35		16				106						
	36		18				88						
	37		16				124						
	38		16				142						
	39		42				126						
	40		42				108						
41	41		4				72						
	42		30				124						
	43		4				132						
	44		10				84						
	45		16				64						
	46		4				84						
	47		4				64						
	48		10				54						
	49		10				50						
[redacted]	50 [redacted]		4				38						
51	51		30				80						
	52		16				40						
	53		4				40						
	54		10				90						
	55		26				104						
	56		50				120						
	57		18				76						
	58		26				80						
	59		20				84						
	60		N.D.				86						
	[redacted]												

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-8 Weight of Sample .2 GRM

From HESS Extraction HOT AQUA REGIA

Tested For Cu, Pb, ZN Volume Used 10 ML.

Date JUNE 14, 1968 Analyst

SOIL

SAMPLE NUMBER		Cu	PPM	Pb	PPM	ZN	PPM		PPM		PPM		PPM
OURS	YOURS												
61	61 M.S		46				72						
	62		16				72						
	63		4				64						
	64		26				76						
	65		32				84						
	66		20				28						
	7		18				76						
	8		26				102						
	9		26				98						
	70		30				68						
71	1		36				90						
	2		20				70						
	3		4				40						
	4		10				70						
	5		26				60						
	6		16				64						
	7		16				60						
	8		10				44						
	9		10				70						
	80		4				44						
81	1		18				68						
82	2		18				60						
	~~3~~												
	~~3~~												

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-9

From Hess

Tested For Cu, Pb, Zn

Date June 14/68 ?

Weight of Sample .2 gm

Extraction Hot Aqua Regia

Volume Used 10 ml

Analyst

SOILS

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
A-9 1	76 A (RE)		4				18						
2	76 B		2				8						
3	89		46				28						
4	90		N.D.				N.D.						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-9 Weight of Sample .2 gm

From Hess Extraction Cold HCl

Tested For Cu, Pb, Zn Volume Used 5 ml

Date June 14/68 SILT Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
5	R.E. 77		23				141						
6	78		15				102						
7	79		13				88						
8	80		15				59						
9	81		13				49						
10	82		10				63						
11	83		10				49						
12	84		2				49						
13	85		18				44						
14	86		21				27						
15	87		9				19						
16	88		8				N.D.						
17	91	TOO MUCH ORGANIC					43						
18	92	495				X	340						
19	93	135				X	250						
20	94		40				168						
21	95		2				30						
22	96		2				48						
23	97		2				30						
24	98		~~30~~ 13				47						
25	99		2				27						
26	100		21				81						
27	101		15				~~88~~						
28	102		N.D.				68						
29	103		15				69						
30	104		10				54						
31	105		8				47						
32	106		2				29						
33	107		15				90						
34	108	~~495~~	N.D.				15						
35	109		ND				24						
36	110		N.D				23						
37	111		2				19						
38	112		2				18						
39	113		9				76						
40	114		8				57						
41	115	1	15				79						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-9 Weight of Sample .2 gm

From HESS OEX Extraction HCl

Tested For Cu, Pb, Zn, Volume Used 5 ml.

Date JUNE 14 1968 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	ZN	PPM		PPM		PPM		PPM
42	P CLAIRIDGE 25		31			X510							
43	26		23			X380							
44	27		10			44							
45	28		10			118							
46	29		10			30							
47	30		9			33							
48	31		10			49							
49	32		13			56							
50	33		10			43							
51	34		5			27							
52	35		18			X440							
53	36		40			X1000							
54	37		40			X1380							
55	38	20.0	87			123							
56	39		16			1930							
57	40		28			131							
58	41		28			380							
59	42		16			68							
60	43		15			105							
61	44		13			250							
62	45		21			42							
63	46		23			222							
64	47	11.5	45			X230							
65	48		30			105							
66	49		28			181							
67	50		18			141							
68	51		18			95							
69	52		21			155							
70	53		21			190							
71	54		10			97							
72	55		10			48							
73	56		21			47							
74	57		13			51							
75	58		15			82							
76	59		10			49							
77	60		13			35							
78	61		23			184							
79	62		23			45							
80	63		15			170							
81	64		40			136							
~~82~~	~~65~~												

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-9 Weight of Sample .2 gram

From HESS OEX Extraction HCl

Tested For Cu, Pb, Zn Volume Used 5 ml.

Date JUNE 14 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu.	PPM		PPM	ZN	PPM		PPM		PPM		PPM
82	P. CLAIRIDGE 65		10				214						
83	66		16				118						
84	R. Etzel 116		9				90						
85	117		9				51						
86	118		8				49						
87	119		9				66						
88	120		15				86						
89	121		43				25						
90	122		25				19						
91	123		ND				42						
92	124		31				49						
93	125		2				6						
94	126		8				22						
95	HEINANEN 12A		ND				25						
96	12B		16				x660						
97	12C		18				170						
98	13		23				181						
99	14		13				68						
100	P. Dean 48		3				34						
101	49		16				62						
102	50		5				84						
103	51		10				71						
104	52		9				56						
105	53		16				65						
106	54		4				62						
107	55		4				60						
108	56		N.D.				168						
109	57		N.D				29						
110	58		21				54						
111	59		15				90						
112	60		10				400						
113	61		10				380						
114	62		21				660						
115	63		18				195						
116	64		23				270						
117	# 65		10				70						
118	FIKE 1		15				40						
119	2		13				66						
120	3		14				95						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-66 | Weight of Sample 0.50 gram

From TIM | Extraction Hot HNO_3 - HCl

Tested For Cu Pb Zn | Volume Used 10 cm^3

Date Aug 25, 1967 | Analyst D.N.Y.L

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	3E 6+00N R		13		80		280						
2	5+50N		8		110		176						
3	5+00N		15		75		164						
4	4+50N		8		15		54						
5	4+00N		11		20		110						
6	3+50N		4		5		14						
7	3+00N		4		ND		8						
8	2+.50N		6		5		16						
9	2+00N		8		30		70						
10	1+50N		8		20		68						
11	1+00N		8		45		68						
12	1E L+00N		30		85		700						
13	5+75N		13		55		410						
14	5-25N		20		55		870						
15	5+00N		38		280		800						
16	4+75N		11		35		88						
17	4+50N		20		25		127						
18	4+25N		11		25		150						
19	4+00N		11		60		120						
20	3+75N		18		55		176						
21	3+00N		13		30		110						
22	2+.75N		11		85		90						
23	2+50N		13		15		45						
24	2+25N		15		45		176						
25	+175N		8		25		60						
26	1+50N		6		25		110						
27	1+00N		36		140		80						
28	0+50E 5+75N		8		25		25						
29	5+50N		8		65		100						
30	5+00N		13		25		48						
31	5+00N		15		150		150						
32	4+25N		8		20		14						
33	3+75N		23		184		290						
34	3+.50N		33		200		550						
35	3+25N		62		128		500						
36	3+00N		28		95		400						
37	2+25N		6		20		45						
38	2+00N		20		100		270						
39	1+25N		11		55		200						
40	1+00N		18		45		230						
41	2E 3-50N		13		70		74						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-66 | Weight of Sample

From TIM | Extraction

Tested For Cu Pb Zn | Volume Used

Date Aug 25/67 | Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
42	2E 3+25N		13		85		134						
43	3+00N		11		75		100						
44	2+50N		13		40		150						
45	2+25N		13		75		134						
46	2+00N		13		65		160						
47	1+75N		13		30		120						
48	1+50N		15		55		200						
49	2E 1+25N		28		45		100						
50	1+00N		11		20		66						
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													

ATLAS EXPLORATIONS LIMITED

#1

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-11 Weight of Sample .2 gm

From HESS - OEX Extraction HOT HCl

Tested For Cu, Zn, Volume Used 5 ml.

Date July 1, 1968 Analyst

Silt

SAMPLE NUMBER			PPM	Cu	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	P. DEAN 66				60		~~116~~						
2	67				63		~~66~~						
3	68				21		~~14~~						
4	69				18		14						
5	70				~~42~~		104						
6	71				28	X	430						
7	72				~~34~~		102						
8	73				21		56						
9	74				50		102						
10	75				74		126						
11	76				21		40						
12	77				40		69						
13	78				21		51						
14	79				30		69						
15	80				21		53						
~~16~~	~~18~~												
17	82				31		48						
18	83				9		12						
19	84				28		30						
Soil													
	P. DEAN 81				30		18						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11 Weight of Sample .2 GRM

From HO Extraction .5 N. HCL

Tested For Cu, Zn Volume Used 5 ML

Date JUNE 18/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	P.C- 67		18			X	590						
2	68		8			X	630						
3	69		10				245						
4	70		13			X	320						
5	71		N.D.			X	330						
6	72		13			X	440						
7	73		63				62						
8	74		30			X	360						
9	75		23			X	330						
10	76		2			~~X~~	~~5079~~						
11	77		15			X	280						
12	78		9			X	270						
13	79		31			X	430						
14	80		23				190						
15	81		40			X	~~440~~ ~~184~~						
16	82		58				184						
17	83		10			X	350						
18	84		58				190						
19	85		35				184						
20	86		28				225						
21	87		52			X	300						
22	88		31				219						
23	89		31				141						
24	90		38				184						
25	91		28			X	1380						
26	92		25			X	1110						
27	93		75			X	510						
28	94		80			X	380						
29	95		80			X	1230						
30	96		31			X	270						
31	97		34			X	680						
32	98		31			X	330						
33	99		2				102						
34	100		28			X	400						
35	101		30			X	470						
36	102		30				168						
37	103		30			X	420						
38	104		38			X	340						
39	105		55			X	620						
40	106		38			X	620						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11

From H.O

Tested For Cu, ZN

Date JUNE 18/68 SILT

Weight of Sample .2 GRM

Extraction .5N HCL

Volume Used 5 ML

Analyst

SAMPLE NUMBER OURS	YOURS	Cu	PPM		PPM	ZN	PPM		PPM		PPM		PPM
41	P.C. 107		75		xx	2400							
42	108		52		x	540							
43	109		47			181							
44	110		35			160							
45	111		35			145							
46	112		38			184							
47	113		35		x	400							
48	114		55		x	540							
49	115		55			193							
50	116		55		x	350							
51	117		40		x	380							
52	118		34		x	430							
53	119		23			86							

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11

From HO

Tested For Cu, Zn

Date JUNE 18, 168

SOIL

Weight of Sample .2GM.

Extraction HOT AQUA REGIA

Volume Used 10 ML

Analyst

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM	PPM	PPM		PPM		PPM
OURS	YOURS												
54	21 T.C.		10				~~52~~	104					
55	22		10				~~49~~	98					
56	23		4				~~73~~	146					
57	24		16				~~14~~	28					
58	25		4				~~49~~	98					
59	8 M.L		46			XX	—	6000					
60	127 R.E		16				~~49~~	98					
61	128		26				~~45~~	90					
62	148		60				~~86~~	172					
63	149		26				~~40~~	80					

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11 Weight of Sample ~~.50~~ .2 GRM

From HO Extraction .5 N. HCL

Tested For Cu, ZN Volume Used 5ML

Date JUNE 18/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
1	P.C- 67		18			X	590						
2	68		8			X	630						
3	69		10		63.5	→	245						
4	70		13			X	320						
5	71		N.D.			X	330						
6	72		13			X	440						
7	73	13.5	63				62						
8	74		30			X	360						
9	75		23			X	320						
10	76		2			~~X~~	~~320~~ 79						
11	77		15			X	280						
12	78		9			X	270						
13	79		31			X	430						
14	80		23				190						
15	81		40			X	~~440~~ ~~184~~						
16	82	12.5	58				184						
17	83		10			X	350						
18	84	12.5	58				190						
19	85		35				184						
20	86		28			60.0	225						
21	87		52			X	300						
22	88		31				219						
23	89		31				141						
24	90		38				184						
25	91		28			X	1380						
26	92		25			X	1110						
27	93	15.5	75			X	510						
28	94	16.5	80			X	380						
29	95	16.5	80			X	1230						
30	96		31			X	270						
31	97		34			X	680						
32	98		31			X	330						
33	99		2				102						
34	100		28			X	400						
35	101		30			X	470						
36	102		30				168						
37	103		30			X	420						
38	104		38			X	340						
39	105		55			X	620						
40	106		38			X	620						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11 | Weight of Sample .2 GM.

From HO | Extraction 5N. HCL

Tested For Cu, ZN | Volume Used 5 ML

Date JUNE 18/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
64	1 M.L		55		X	490							
65	2		25		X	430							
66	3		34		X	540							
67	4		31		X	340							
68	5		52		X	250							
69	6		16		X	360							
70	7		13			133							
71	9		30			114							
72	129 R.E		16			49							
73	130		13			65							
74	131		N.D.			43							
75	132		2			35							
76	133		2			32							
77	134-A		13			65							
78	134-B		2			49							
79	135		N.D.			34							
80	136		1			54							
81	137		N.D.			34							
82	138		1			56							
83	139		8			56							
84	140		10			79							
85	141		5			62							
86	142		5			52							
87	143		2			62							
88	144		2			35							
89	145		13			17							
90	146		10			44							
91	147		16			54							
92	15 ~~146~~ K.H.		31			53							
93	16		30			102							
94	17		18			69							
95	18		40			78							
96	19		18			93							
97	20		10			114							
98	21		50			82							
99	22		50			81							
100	23		10			27							
101	24		28			36							
102	25		35			51							
103	26		55			65							

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11 | Weight of Sample .2 gm

From HESS - OEX | Extraction HOT HCl

Tested For Cu, Zn, | Volume Used 5 ml.

Date JUNE 18, 1968 | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
104	K. HEINANEN 27		25				123						
105	28		30				75						
106	29	230	100				68						
107	30		55				73						
108	31		31				23						
109	32		1				25						
110	G. SANFORD 17		38				48						
111	18		21				152						
112	19		30				62						
113	20		21				73						
114	21		16				102						
115	22		14				66						
116	23		16				114						
117	24		21				118						
118	25		2				38						
119	26		8				10						
120	27		15				51						
121	28		23				210						
122	29		16				138						
123	30		23				107						
124	31		23				97						
125	32		23				116						
126	33		10				79						
127	34		30				x 570						
128	35		18				225						
129	36		28				116						
130	M. LADUE 10		34				x 340						
131	11		35				69						
132	12		8				128						
133	13		52				195						
134	14		63				x 1570						
135	15		21				102						
136	16		50				x 1210						
137	17		28				x 490						
138	18		25				x 480						
139	19		8				138						
140	20		25				x 250						
141	21		18				x 430						
142	22		18				x 340						
143	23		18				x 480						
	~~24~~												

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11 Weight of Sample .2GRM.

From HO Extraction 5N HCl

Tested For Cu, ZN Volume Used 5 ML

Date JUNE 18/68 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu.	PPM		PPM	Zn.	PPM		PPM		PPM		PPM
144	MLADUE 24		34		1	x	380						
145	25		30			x	450						
146	26		18			x	360						
147	27		18				62						
148	28		47			x	360						
149	29		2				54						
150	30		34			x	330						
151	31		30			x	270						
152	32		21				69						
153	33		18				105						
154	34		91				184						
155	35		85				175						
156	36		47				170						
157	37		31			x	360						
158	38		72			x	320						
159	39		9				157						
160	40		25				163						
161	K. HEINANEN 33		16				48						
162	34		15				56						
163	35		15				36						
164	A 36		9				6						
165	B 36 ~~37~~		18				38						
166	37 ~~38~~		16				49						
167	38 ~~39~~		52				33						
168	39 ~~40~~	13	~~1~~				63						
169	40 ~~41~~	15	~~15~~				71						
170	41 ~~42~~	~~2~~	55				204						
171	42 ~~43~~		35				81						
172	43 ~~44~~		35				79						
173	44		35				109						
174	45		35				128						
175	46		30				131						
176	47		38				114						
177	48		31				92						
178	49		34				~~104~~	111					
179	50		50				104						
180	51		40				123						
181	52		25				118						
182	53		40				107						
183	54		35				104						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-11

From ~~HESS~~ HESS OEX

Tested For Cu, ZN

Date JUNE 19, 68

Weight of Sample .2 GRM.

Extraction 5 N. HCl.

Volume Used 5 ML

Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Cu	PPM	ZN	PPM		PPM		PPM		PPM
184	K. HEINONEN 55		~~58~~ 46				126						
185	56		~~60~~ 40				111						
186	57		~~38~~ 35				93						
187	58		25				62						
188	59		13				47						
189	60		15				56						
B 190	61		13				59						
191	62		35				105						
192	63		38				175						
193	64		30				102						
194	65		70				178						
195	66		50				198						
196	67		40				138						

ATLAS EXPLORATIONS LIMITED

Sheet # 1

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HI-13 | Weight of Sample

From Hess Ivor | Extraction

Tested For Cu, Zn. | Volume Used

Date June 23, 68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
1	L 32W - 14+00N		36				138						
2	- 16		56				158						
3	- 20		90				130						
4	22		42				218						
5	24		60				314						
6	26		42				104						
7	28	28.5	260				84						
8	30		56				8						
9	32		26				24						
10	34		18				20						
11	36		30				58						
12	38		62				184						
13	L 32W - 2+00 S		26				72						
14	4		30				10						
15	6		26				84						
16	8		30				60						
17	10		62				108						
18	12		42				138						
19	14		140				~~235~~ 470						
20	16		62				310						
21	18 S		46				50						
22	L 32W - 18+00N		42				96						
23	L 32W - 20+00S		20				98						
24	22 S		62				310						
25	24 S		4				90						
26	26 S		26				320						
27	L 24W - 2000N		18				44						
28	300		68				94						
29	600		2				18						
30	800		30				172						
31	1000		68				60						
32	1200		16				18						
33	1400		84				10						
34	1600		130				108						
35	2000		16				16						
36	2200		46				16						
37	2400		42				76						
38	26		164			X	580						
39	24 - 200 S		18				54						
40	1 400 S		26				58						

ATLAS EXPLORATIONS LIMITED

Sheet #82

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HI-13 Weight of Sample

From Hess Ivor Extraction

Tested For Cu, Zn Volume Used

Date June 23, 1968 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
41	L24 - 600 S		62				104						
42	800 S		62				72						
43	1000 S		62				54						
44	1200 S		68				16						
45	1400 S		46				66						
46	1600 S		110				450						
47	1800 S		104			X	1200						
48	2000 S		100				444						
49	2200 S		62				290						
50	2400 S		70				142						
51	2600 S		36				456						
52	2800 S		4				56						
53	L00 - 200 N		36				126						
54	400 N		18				68						
55	500 N	33.0	312			X	1620						
56	IVOR SOIL		16				40						
57	L00 - 1400SE		60				176						
58	1600SE		18				186						
59	1800SE		18				94						
60	2000SE		16				70						
61	L00 - 200 S		50				158						
62	400 S		16				138						
63	600 S		56				286						
64	800 S		70				36						
65	1200 S		20				142						
66	B.L. 0+00W		36				124						
67	2+00W		20				94						
68	4+00W		20				68						
69	6+00W		50				176						
70	8+00W		36				118						
71	10+00W		42				56						
72	12+00W		18				30						
73	14+00W		20				86						
74	16+00W		26				54						
75	18+00W		84				236						
76	20+00W		32				204						
77	22+00W		36				124						
78	24+00W		32				126						
79	26+00W		16				24						
80	28+00W		16				72						

ATLAS EXPLORATIONS LIMITED

Sheet #13

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HI - 13 | Weight of Sample

From HESS IVOR | Extraction

Tested For Cu, Zn | Volume Used

Date June 23, 1968 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
81	B.L-30+00W	18.5	156				218						
82	32+00W		32				12						
83	34+00W		60				180						
84	36+00W		18				98						
85	38+00W		16				66						
86	40+00W		36				70						
87	42+00W		56				80						
88	44+00W		70				204						
89	46+00W		36				112						
90	48+00W		18				20						
91	50+00W		20				84						
92	52+00W		26				96						
93	54+00W		20				80						
94	56+00W		20				46						
95	58+00W		20				34						
96	60+00W		26				12						
97	62+00W		16				8						
98	64+00W		30				20						
99	66+00W		30				18						
100	68+00W		26				16						
101	70+00W		2				4						
102	72+00W		16				12						
103	74+00W		20				38						
104	76+00W		20				76						
105	78+00W		16				46						
106	B.L. 80+00W		16				28						
107	L.8 - 200N		46				120						
108	400N		42				98						
109	600N		56				222						
110	800N		56				276						
111	1000N		68			X	900						
112	L.8 - 200S		42				126						
113	400S		80				414						
114	600S		32/16				138						
115	800S		16				66						
116	1000S		20				94						
117	1200S		144				130						
118	1400S		56				222						
119	1600S		50				194						
120	1800S		144				490						

ATLAS EXPLORATIONS LIMITED

#34

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HI - 13 | Weight of Sample

From Hess Ivor | Extraction

Tested For Cu, Zn | Volume Used

Date June 23, 1968 | Analyst

Soil

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
121	L16 - 200 N		10				96						
122	400 N		46				272						
123	600 N		50				66						
124	800 N		10				56						
125	1000 N		60				176						
126	1200 N		16				112						
127	1400 N		4				146						
128	1600 N		20				86						
129	L16 - 200 S		70			X	960						
130	400 S		26				276						
131	600 S		120			X	1620						
132	800 S		20				30						
133	1000 S		26				10						
134	1200 S		2				4						
135	1400 S		20				8						
136	1600 S		36				146						
137	1800 S		10				152						
138	2000 S		26				104						
139	2100 S		42				190						
140	2400 S		120			XX	4600						
141	2600 S		32				262						
142	L32 - 400 N		32				162						
143	600 N		26				118						
144	800 N		36				96						
145	1000 N		4				20						
146	1200 N		60				118						
147	L40 - 200 N		20				72						
148	400 N		2				46						
149	700 N		32				96						
150	800 N		26				136						
151	1000 N		18				64						
152	1200 N		2				108						
153	1400 N		18				98						
154	1600 N		36				158						
155	1800 N		18				176						
156	2000 N		70				336						
157	L40 - 200 S		36				138						
158	400 S		30				242						
159	600 S		N.D.				162						
160	800 S		32				176						

ATLAS EXPLORATIONS LIMITED

#~~25~~

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HI-13 | Weight of Sample

From Hess Ivor | Extraction

Tested For Cu, Zn. | Volume Used

Date June 23, 1968. | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
161	L32W - 2100N		36				20						
162	L40W. - 10100S		76				46						
163	12+00		80				50						
164	14+00		20				30						
165	16+00		178			X	1040						
166	18+00		50			X	860						
167	20+00		90			X	1200						
168	22+00		42			X	1560						
169	24+00S		32				490						
170	L48W - 2+00N.		20				76						
171	4+00		16				34						
172	6+00		4				94						
173	8+00		4				68						
174	10+00		16				66						
175	12+00		26				88						
176	14+00		30				50						
177	16+00N.		26				896						
178	L48W - 2+00S		10				30						
179	4+00		4				40						
180	6+00		2				28						
181	8+00		36				36						
182	10+00		18				36						
183	12+00		26				90						
184	14+00		36				104						
185	16+00		N.D.				34						
186	18+00		60			X	860						
187	20+00		26				180						
188	22+00		26				242						
189	24+00		62			X	980						
190	26+00		46				484						
191	L56W - 2+00N		36				126						
192	4+00N		30				80						
193	6+00		18				64						
194	8+00		32				126						
195	10+00		18				142						
196	12+00		16				156						
197	14+00		26				112						
198	16+00		30				126						
199	18+00		36				44						
200	20+00N		10				16						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

#96

Report Number 68-HI-13 Weight of Sample

From HESS Ivor Extraction

Tested For Cu, Zn. Volume Used

Date June 23, 1968 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM		PPM		PPM		PPM
201	L56W - 2+00 S		16		44								
202	4+00		10		54								
203	6+00		~~96~~ 106		158								
204	8+00		16		50								
205	10+00		76		162								
206	12+00		62		124								
207	14+00		56		152								
208	16+00		26		118								
209	18+00		116		120								
210	20+00		90		168								
211	22+00		46		164								
212	24+00 S		42		146								
213	L64W - 2+00 N		18		24								
214	4+00		16		8								
215	6+00		10		24								
216	8+00		4		54								
217	10+00		10		56								
218	12+00		30		98								
219	14+00		4		20								
220	16+00		30		58								
221	17+00		36		186								
222	18+00		16		24								
223	20+00 N		2		8								
224	L64W - 2+00 S		20		24								
225	4+00		10		26								
226	6+00		2		4								
227	8+00		16		172								
228	10+00		26		184								
229	12+00		18		8								
230	18+00		90		186								
231	20+00 S		68		262								
232	L72W - 2+00 N		16		18								
233	4+00		4		54								
234	6+00		2		8								
235	8+00		18		68								
236	10+00		42		~~ND~~ 4								
237	12+00		36		58								
238	14+00		4		88								
239	16+00 N		32		44								
240	L72W - 2+00 S		10		44								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HI - 13 | Weight of Sample .2 GRM

From HESS - PROP | Extraction HOT / HNO3

Tested For Cu, Zn, | Volume Used 5

Date JUNE 24, /68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	ZN	PPM		PPM		PPM		PPM		PPM
241	L 72 W - 4+00S		10		16								
242	6+00S		42		98								
243	8+00S		120		256								
244	10+00S		36		164								
245	12+00S		36		118								
246	14+00S		76		162								
247	L 80 W - 2+00N		42		36								
248	4+00N		18		18								
249	6+00N		30		4								
250	8+00N		26		10								
251	10+00N		16		30								
252	12+00N		26		4								
253	14+00N		10		4								
254	16+00N		26		8								
255	L 80 W - 2+00S		18		72								
256	4+00S		2		46								
257	6+00S		20		112								
258	8+00S		20		108								
259	10+00S		26		186								
260	12+00S		45		190								
~~[illegible]~~	Silts												
261	T. Brock 55		53		219								
262	56		42		180	x							
263	57		60		238								
264	58		87		240	x							
265	59		72		242								
266	60		38		190	x							
267	61		62		157								
268	62		23		84								
269	63		30		210								
270	64		23		36								
271	65		18		28								
272	66		38		141								
273	67		16		201								
274	68		16		233								
275	69		25		114								
276	70		42		84								
277	71		23		18								
278	72		23		62								
279	73		18		400	x							

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-13 Weight of Sample .2 GRM.

From HESS - PROP. Extraction 60CC HOT HCl

Tested For Cu, Zn, Volume Used 5 ml.

Date JUNE 25/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM		PPM		PPM		PPM
314	T. BROCK 76		84		540								
315	77		53		330								
316	78		18		33								
317	79		28		38								
318	80	22.5	97		73								
319	81		72		23								
320	82		31		42								
321	83		52		490								
322	84		35		233								
324	85		35		228								
325	86		42		172								
326	87		65		330								
327	88		55		420								
328	89		38		350								
329	90		42		430								
330	91		55		1410								
331	92		46		570								
	93		53		440								
332	94		~~5361~~	X	570								
3	5	24.0	105	X	780								
4	6		82	XX	4000								
5	7		42	X	290								
6	8		40	X	180								
7	9		46	X	2450								
8	100		4	XX	20100								
9	1		50	X	780								
340	2		34	X	247								
1	3		55	X	530								
2	4		35	X	247								
3	5		42	X	1780								
4	6		46	X	450								
5	7		25	X	680								
6	8		42		215								
7	9		72		222								
8	110		18		123								
9	1		21		22								
350	2		34	X	2470								
1	3		42		143								
2	4		16		136								
3	5	25.0	110	X	1140								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HI-13 | Weight of Sample .2 gm.

From HESS PROP. | Extraction HOT HCl

Tested For Cu, Zn, | Volume Used 5 ml.

Date JUNE 25, /68 | Analyst

ROCK CHIPS — SOIL DIGESTION

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM	Zn	PPM		PPM	Cu	PPM		PPM		PPM
280	T. BROCK	SILT			76				25				
281		SILT			172				28				
2	IVOR L-16W-2+00S			X	1240			X	1400				
3	L-16W-6+00S				64				116				
4	L-16W-10+00S				98				60				
5	12+00S				50				92				
6	14+00S				126				18				
7	16+00S				30				36				
8	4+00N				56				16				
9	6+00N				20				10				
290	L-24-W-14+00S				58				46				
1	16+00S				94				36				
2	2+00N				34				18				
3	L-32-6+00N				26				20				
4	L-32-W-8+00S				28				26				
5	12+00S				30				30				
6	600-N				98				50				
7	28+50N				48				10				
8	34+00N+2+00N				16				4				
9	L-40W 7+00N				156				84				
300	20+00N				200				36				
1	L-48 W-16+00N				272				20				
2	BL-52-W				104				80				
3	L56W-18+00S				64 98				46				
4	20+00S + 100N				64				36				
5	L60W- 20S				86				30				
6	L64W-20+00S				94				36				
7	L72W-12+00N				86 18				26				
8	L80W-5+00N				20				2				
9	L80W-16+00N				26 12				16				
310	BL 36+00W				56				4				
1	GOSSAN #1 T.B.				470				16				
2	BL 68+00W				4				18				
3	GRID-N. RIDGE				88				18				
	# SAMPLES 282												
	to 313 WERE												
	ROCK CHIPS												
	AND OUR												
	DIGESTED												
	AS SOILS												
320													

#10

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HI-13 Weight of Sample

From HESS PROP. Extraction

Tested For Cu, ZN Volume Used

Date JUNE 25/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
354	M. SIMPSON 83		40				247						
5	4		40			X	247						
6	5		58			X	790						
7	6		42			X	480						
8	7		40			X	290						
9	8		38				247						
360	9		30				166						
1	90		52				247						
2	1		52			X	247						
3	2		42			X	270						
4	3		50			X	270						
5	4		45				247						
6	5		45			X	270						
7	6		55			X	290						
8	7		67			X	340						
9	8		53			X	247						
370	9		52			X	247						
1	100		45				247						
2	1		87				290.						
3	2		97				90						
4	3		42				690.						
5	4		50				540						
6	5		40				360						
7	6		45				4500						
378	7		18				48						

Xcut - plotted

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HS - 14

From HESS - PROP. - SCOT

Tested For Cu, Zn

Date JUNE 24, 1968

Weight of Sample .2 gRM

Extraction HOT HCl

Volume Used 5 ml.

Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
1	MS 108		13			X	250						
2	109		28				104						
3	110		23			X	270						
4	111		35				86						
5	112		28				57						
6	113		30			X	190						
7	114		31				69						
8	115		38				168						
9	116		21				123						
10	117		28				104						
11	118		21				107						
12	119		38				138						
13	120		50			X	1520						
14	121		28			X	320						
15	122		30			X	300						
16	123		30			X	590						
17	124		28			X	450						
18	125		23			X	490						
19	126		18			X	400						
20	127		46			X	510						
21	128		21			XX	2700						
22	129		31			XX	4000						
23	130		38			X	530						
24	131		34			X	1780						
25	132		28			X	900						
26	133		16			X	1470						
27	134		23			X	510						
28	135		16			X	1840						
29	136		28			X	520						
30	137		38				222						
31	138		34				178						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-15 Weight of Sample .2 gram

From HESS OEX Extraction HOT HCl

Tested For Cu, Zn Volume Used 5 ml.

Date JUNE 25/68 Analyst

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	RETEL 150		25				76						
2	1		16				77						
3	2		21				52						
4	3		16				69						
5	4		16				73						
6	5		15				57						
7	6		30				219						
8	7		16				247						
9	8		13				90						
10	9		18				105						
11	160		16				100						
12	1		25				100						
13	2		18				88						
14	3		21				82						
15	4		18				212						
16	5		23				233						
17	6		23				212						
18	7		18				17						
19	8		15				93						
20	9		25				75						
21	170		25				104						
22	1		42				88						
23	2		25				114						
24	3		16				84						
25	4		18				93						
26	5		87				155						
27	6		23				116						
28	7		30				126						
29	8		42				138						
30	9		40				247						
31	180		31				247						
32	1		31			X	330						
33	2		21				128						
34	3		55			X	490						
35	4		25				97						
36	5		35				247						
37	6A		15				86						
38	6B		15				78						
39	7		21				147						
40	8		28				126						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 Weight of Sample

From HESS OEX Extraction

Tested For Cu, Zn Volume Used

Date JUNE 25/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
41	189 RET.		16				66						
42	190		18				65						
43	1		23				68						
4	2		23				69						
5	3		15				81						
6	4		21				86						
7	5		16				76						
8	6		70				116						
9	7		20				123						
50	198		10				57						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 62-HO-15 Weight of Sample

From HESS OEX Extraction

Tested For Cu, Zn Volume Used

Date JUNE 25/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
51	RETZEL-198		26				98						
2	199		20				112						
3	200		16				86						
4	1		4				108						
5	2		4				72						
6	3		4				96						
7	4		18				72						
8	5		10				184						
9	6		16				184						
60	7		20				200						
1	8		18				124						
2	9		16				176						
3	210		4			XX	3600						
4	1		18				344						
5	2		26				38						
6	3		36				362						
7	4		80				147						
8	5		10				20						
9	6		16				38						
70	7		10				72						
1	8		2				60						
2	9		18				36						
3	220		18				94						
4	1		10				64						
5	2		4				98						
6	3		26				300						
7	4		20				214						
8	5		20				282						
9	6		16				142						
80	7		10				190						
1	8		4				112						
2	9		18				94						
3	230		4				242						
4	1		4			X	2360						
5	2		18			X	1200						
6	3		N.D.			X	4500						
7	4		4				168						
8	5		4				94						
9	6		18				68						
90	1		30				86						
1													

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-15 Weight of Sample .2 gram

From HESS OEX Extraction AQUA REGIA

Tested For Cu, Zn Volume Used 10 ml.

Date JUNE 25/68 Analyst

Soil

SAMPLE NUMBER												
OURS	YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
91	R. ETZEL 238		26				~~66~~ 55					
2	9		32				~~156~~ 78					
3	240		4				8					
4	1		30				94					
5	2		4				146					
6	3		10				94					
7	4		10				58					
8	5		26				54					
9	6		4				4					
100	7		2				44					
1	8		18				86					
2	9		4				46					
3	250		20				46					
4	1		10				84					
5	2		4				64					
6	3		10				12					
7	4		106			X	1260					
8	5		16				108					
9	6		26				88					
110	7		26				4					
111	8		16				98					
112	9		4				124					
113	260		2				38					
114	1		16				98					
115	2		4				200					
116	3		18				190					
117	4		10				162					
118	5		20				286					
119	6		20				90					
120	7		42				118					
1	8		2				102					
2	9		32				132					
3	270		10				424					
4	1		10				48					
5	2		30				290					
6	3		10				256					
7	4		10				72					
8	5		~~32~~ 4				494					
9	6		4				30					
130	7		10				90					

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A - 15 Weight of Sample .2 gram

From Hess - OEK Extraction Aqua Regia

Tested For Cu, Zn. Volume Used 10 ml

Date June 26/68 Analyst

Soil

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
131	R. Etzel 278		26				326						
2	279		26				320						
3	280		10				136						
4	281		4				450						
5	S. McLeod 6		18				104						
6	7		10				130						
7	8		4				186						
8	9		10				168						
9	10		4				180						
140	1		16				186						
1	2		16				214						
2	3		4				130						
3	4		4				150						
4	5		4				112						
5	6		4				108						
6	7		2				152						
7	8		18				156						
8	9		10				186						
9	20		4				190						
150	1		10				94						
1	2		2				168						
2	3		18				176						
3	4		16				138						
4	5		18				200						
5	6		2				142						
6	7		20				184						
7	8		20				172						
8	9		16				208						
9	30		18				108						
160	1		18				94						
1	2		20				112						
2	3		30				106						
3	4		18				162						
4	5		16				120						
5	6		10				159						
6	7		16				142						
7	8		26				184						
8	9		16				236						
9	40		4				164						
170	1		56				232						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 Weight of Sample

From HESS OUTSIDE Extraction

Tested For Cu Zn Volume Used

Date June 26/68 Analyst

Silt

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
171	Shovel - 1		2				175						
172	2		8				133						
173	3		2				133						
174	4		N.D.				9						
175	5		N.D.				118						
176	Shovel - 44		23				84						
177	45		40				166						
178	46		25				150						
179	47		34				190						
180	48		58			X	247						
181	49		30				228						
182	50		28				238						
183	51		40				219						
184	52		35				128						
185	53		34				222						
186	54		21				195						
187	55		30				228						
188	56		31				245						
189	57		28				247						
190	58		25				247						
191	59		65				193						
192	60		31				219						
193	[redacted]		16				118						
194	39		28				136						
195	40		16				34						
196	41		10				68						
197	42		28				71						
198	43-1		18				75						
199	43-2		15				86						
200	44		10				68						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number A-15 Weight of Sample .29gm.

From HESS OEX Extraction HOT HCl

Tested For Cu, Zn Volume Used 5 ml.

Date JUNE 26/68 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
201	B. Waugh 1		5			X	2470						
2	2		2			XX	3000						
3	3		2			X	2450						
4	4		2			X	1870						
5	5		2			X	1780						
6	6		N.D.			X	470						
7	7		5			X	900						
8	8		15				152						
9	8 A		40				54						
210	9 A		28				38						
1	10		63				242						
2	11		28				155						
3	11 A		38				133						
4	12		31				160						
5	13		16				81						
6	14		23				53						
7	15		21				78						
8	16		34				66						
9	17		42				100						
220	18		16				75						
1	19		65				155						
2	20		45				107						
3	→ 9		16				52						
4	21		23				36						
5	22		21				42						
6	23		18				30						
7	24		25				49						
8	25		21				51						
9	26		28				94						
230	27		31				93						
1	28		35				143						
2	29		50				104						
3	30		35				109						
4	31		23				75						
5	32		25				73						
6	33		16				49						
7	34		21				90						
8	35		28				42						
9	36		25				73						
240	37		21				86						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-40-15 Weight of Sample .2 gm

From Hess OEX Extraction Hot HCl

Tested For Cu, Zn Volume Used 5 ml

Date June 26, 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
241	J.S. Brock	3		108				30						
2		4		90				26						
3		7		89				15						
4		8		82				35						
5		9		70				40						
6		10		127				10						
7		11		15				63						
8		12		42				69						
9		13		30				63						
250		14		34				73						
1		15		52				66						
2		16		31				247						
3		18		65				24						
4	T Skonseng	3		38				14						
5		4		5				2						
6		7		52				17						
7		9		108				95						
8		11		15				40						
9		13		52				54						
260		15		52				131						
1		16		87				131						
2		17		70				49						
3		25		28				13						
4		26		42				53						
5		28		31				47						
6		29		82				68						
7		30		40				44						
8		31		46				51						
9		32		38				104						
270		33		74				93						
1		34		28				62						
2		35	X	160				225						
3		36		82				49						
4		39		34				6						
5		40		18				24						
6		41		5				10						
7		42		42				155						
8		43		16				49						
9		46		28				13						
280		47		15				25						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 Weight of Sample

From HESS OEX Extraction

Tested For Cu, Zn Volume Used

Date June 27/68 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu.	PPM		PPM		PPM	Zn	PPM		PPM		PPM
281	T. Skinner 48		72					x	280				
282	49		70						140				
283	50		60						34				
284	51		35						22				
285	52		84						49				
286	53		76						51				
287	54		55						245				
288	55		45						56				
289	56		72						47				
290	P. DEAN - 85		35						9				
291	86		67						54				
292	87	34.5	145						33				
293	88		38						42				
294	89		89						172				
295	90		31						48				
296	91		70						84				
297	92		8						19				
298	93	15	93						71				
299	94	15	148						81				
300	95		16					x	290				
301	96		108						39				
302	97		127						54				
303	98		65						59				
304	99		82						102				
305	100		16						215				
306	101		15						48				
307	102		55						52				
308	103		81						27				
309	104		105						48				
310	105		72						45				
311	106		72						47				

#9

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 Weight of Sample

From HESS OEX. Extraction

Tested For Cu, Zn Volume Used

Date JUNE 27, 168 Analyst

SILTS

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
321	P. DEAN 107		13				49						
2	108		21				172						
3	110		15				178						
4	111		21				66						
5	113		18				43						
6	114		23				60						
7	115		2				133						
8	116		53				47						
9	K. HEINANEN-69		76				25						
330	70		46				22						
1	71	220	95				32						
2	72		72				18						
3	73		67				29						
4	79		84				42						
5	80		67				29						
6	1		63				42						
7	2		110				57						
8	3		78				86						
9	4		127				136						
240	5		110				78						
1	6		67				57						
2	7		76				62						
3	8		58				38						
4	9		52				178						
5	90		8				2						
6	1		5				9						
7	2		40				47						
8	3		42				34						
9	4		21				52						
350	5		130				107						
1	6		156			X	1550						
2	97	118.0	~~43~~	238			28						
3	98		23				24						
4	37		16				23						
5	8		34				4						
6	9		87				13						
7	40 G. SANFORD.		31			X	320						
9	1		110				32						
9	2		42				126						
460	43		35				143						

ATLAS EXPLORATIONS LIMITED

#10

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-MO-15 Weight of Sample

From HESS OEX Extraction

Tested For Cu, Zn Volume Used

Date June 27/68 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
361	G. SANFORD-44		133				105						
2	45		35				86						
3	6	36.0	175				184						
4	7		133				126						
5	8	34.5	165				155						
6	9		46				86						
7	50		156				187						
8	1		130				143						
9	2		90				118						
370	3		23				92						
1	4	350	164				215						
2	5		28				247						
3	6	45.5	~~[illegible]~~	225		X	250						
4	7	49.0	~~[illegible]~~	245		X	350						
5	8		40			X	330						
6	9		42			X	230						
7	60		38				178						
8	1		30				204						
9	2		28			X	320						
380	3		45			X	340						
1	4		30			X	290						
2	65		38			X	270						
3	P. CLAREDGE 120		30				198						
4	121		21				84						
5	2		30				69						
6	3		34				35						
7	4		23				141						
8	5		30				69						
9	6		18				168						
390	7		23				109						
1	8		25			X	1870						
2	9		21				131						
3	130		16				210						
4	1		23				198						
5	2		30				56						
6	3		10				18						
7	4		30				65						
8	5		13				181						
9	6		30				51						
400	137		28				52						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

7 11

Report Number 68-HO-15 Weight of Sample

From HESS OCX Extraction

Tested For Cu, Zn Volume Used

Date June 27/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	PPM	Zn	PPM	PPM	PPM	PPM	PPM
401	P. Claridge 134		19			38				
2	4		16			22				
3	140		9			195				
4	1		15			59				
5	2		38			150				
6	3		18			36				
7	5		20			95				
8	6		23			116				
9	7		28			141				
410	8		28			100				
1	9		16			39				
2	150		23			210				
3	1		460			420				
4	2		460			380				
5	3		28			270				
6	4		197			450				
7	5	425	113			440				
8	6	340	162			440				
9	7		40			420				
420	8		21			104				
1	9		67			400				
2	160		15			42				
3	1		55			360				
4	2		16			101				
5	3		34			250				
6	4		25			204				
7	5		30			143				
8	6		34			198				
9	7		31			247				
430	8		21			247				
1	9		15			121				
2	171		23			245				
3	2		27			233				
4	3		9			170				
5	4		16			201				
6	5		30			245				
7	6		18			242				
8	7		28			241				
9	8		28			230				
440	179		46			49				

ATLAS EXPLORATIONS LIMITED

#12

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 Weight of Sample

From Hees Claim Extraction

Tested For Cu, Zn Volume Used

Date JUNE 27/68 Analyst

5:17

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu.	PPM		PPM	Zn	PPM		PPM		PPM		PPM
441	P CLARIDGE-191		28				235						
2	192		30				215						
3	194		25				54						
4	195		24				212						
5	1	37.5	192				242						
6	7		58				198						
7	8		70				230						
8	9		72				228						
9	190		23				44						
450	1	33.5	160				178						
1	192		42				270						
2	193		45				247						
3	6		28				68						
4	7		40				116						
5	8		30				100						
6	199		45				270						
7	M. LAODE 41		18				81						
8	2		16				204						
9	3		23				163						
460	4		13				42						
1	5		23				225						
2	6		25				86						
3	7		28				225						
4	8		23				121						
5	9		23				104						
6	52		23				207						
7	3		18				148						
8	4		19				168						
9	5		15				65						
470	6		9				97						
1	7		28				133						
2	9		21				128						
3	60		18				102						
4	3		28				73						
5	4		21				64						
6	5		23				86						
7	6		23				76						
8	7		21				63						
9	9		15				66						
490	69		16				78						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 | Weight of Sample

From HESS OEX | Extraction

Tested For Cu, Zn | Volume Used

Date June 27/68 | Analyst

SAMPLE NUMBER		Cu.	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
481	M. LADUE 70		10				51						
2	1		15				65						
3	2		18				73						
4	3		31				57						
5	4		15				131						
6	5		30				152						
7	6		10				147						
8	7		23				168						
9	8		35				131						
490	9		23				170						
1	80		13				65						
2	1		30				63						
3	2		23				160						
4	4		16				166						
5	5		40				x 350						
6	6		35				118						
7	7		23				152						
8	8		42				168						
9	9		18				62						
500	90		10				71						
1	1		10				49						
2	2		13				48						
3	3		15				65						
4	4		16				49						
5	5		16				75						
6	6		18				54						
7	7		18				62						
8	8		13				75						
9	9		10				45						
510	100		10				38						
1	1		38				49						
2	2		8				28						
3	3		15				54						
4	4		8				38						
5	5		16				36						
6	6		16				128						
7	7		8				66						
8	8		9				30						
9	9		15				82						
520	110		15				86						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

#14

Report Number 68-MO-15 Weight of Sample

From HESS OEX. Extraction

Tested For Cu, Zn Volume Used

Date June 27/68 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
521	M. ABOVE 111		28				40						
2	2		21				88						
3	3		23				238						
4	4		25				105						
5	5		23				>300						
6	6		30				82						
7	7		31				93						
8	8		28				73						
9	9		31				62						
530	121		21				71						
1	2		24				62						
2	3		16				170						
3	4		30				136						
4	5		31				235						
5	6.		45				195						
6	127		31				36						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date June 28, 1968 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
537	S. McLeod 42		80				284						
8	43		104				242						
9	J. Brock 1		92				84						
540	2		46				56						
1	5		116				102						
2	6		100				72						
3	17		70				272						
4	T. Stonseng 1		62				102						
5	2		106				106						
6	5		46				44						
7	6		90				86						
8	8		420				210						
9	10		80				86						
550	10-A		106				184						
1	12		42				50						
2	14		70				88						
3	21		16				98						
4	23-2		134				190						
5	24		178				266						
6	37		20				390						
7	38		110				76						
8	44		180				66						
9	45		80				72						
560	57		102				196						
1	P. Dean 109		18				262						
2	112		16				58						
3	K. Heinanen 68		60				60						
4	74		32				56						
5	75		194				164						
6	76		104				98						
7	77		84				66						
8	78		80				66						
9	P. Claridge 170		18				114						
570	180		26				56						
1	183		84				54						
2	194		42				96						
3	195		18				152						
4	M. Ladue 50		10				50						
5	51		32				86						
6	58		16				60						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 -HO -15 Weight of Sample

From Hess OEx Extraction

Tested For Cu, Zn Volume Used

Date June 28, 1968 Analyst

SOIL

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
577	M. Ladue 61		26				96						
8	63		26				66						
9	83		26				158						
580	120		70				96						
1	L. 36 W - 545(67)		26				900						
2	T. Skonseng 19		16				490						
3	20		16				460						
4	18		10				232						
5	23-1		110				274						
6	27		56				60						
7	P. Claridge - 144		80				280						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-15 | Weight of Sample 1gm.

From HESS - OEX | Extraction ASSAY

Tested For Cu. Zn. | Volume Used 100 ml

Date JUNE 28/68 | Analyst

SAMPLE NUMBER			PPM		PPM		PPM		PPM		PPM		PPM
OURS	YOURS												
ROCK	CHIPS												
	T. SKAILSENG												
	19		18		460								
	19(3.5)		5		475								
	20		20		490								
	42		50		115								
	44		230		210								
	57		60		20								
ROCK	ASSAY												
	T. Coates H-201												
	a.)		150		45								
	b.)		180		20								
	c.)		155		20								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HO - 18 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date July 2, 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
1	S McLeod 61		25				68						
2	62		55				63						
3	63		30				51						
4	64		34				51						
5	65		28				42						
6	66		38				54						
7	67		38				51						
8	68		31				69						
9	69		28				62						
10	70		30				60						
11	71		46				97						
12	72		28				63						
13	73		28				63						
14	74		31				73						
15	75		55				63						
16	76		18				47						
17	77		23				53						
18	78		23				49						
19	79		25				56						
20	80		21				54						
21	81		28				68						
22	82		23				53						
23	83		23				43						
24	84		40				97						
25	85		31				79						
26	86		34				133						
27	87		20				155						
28	88		31				97						
29	89		35				121						
30	90		25				81						
31	91		25				76						
32	92		14				62						
33	93		15				38						
34	94		25				36						
35	95		23				59						
36	96		18				49						
37	97		10				36						
38	98		15				62						
39	99		21				68						
40	100		16				62						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

2

Report Number 68-HO-18 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date July 2, 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
41	S.McLeod 101		18				68						
2	102		25				121						
3	103		28				97						
4	104		28				104						
5	105		31				102						
6	106		15				48						
7	107		25				51						
8	108		23				54						
9	109		30				45						
50	110		16				47						
1	111		18				49						
2	112		16				40						
3	113		21				42						
4	114		16				51						
5	115		21				45						
6	116		25				36						
7	117		16				49						
8	118		13				36						
9	119		15				51						
60	120		21				56						
1	121		35				62						
2	122		30				36						
3	123		28				43						
4	124		23				45						
5	125		23				30						
6	126		16				36						
7	127		16				45						
8	x 128		16				35						
9	129		148				x 430						
70	130		99				247						
1	B. Waugh 46		15				43						
2	49		16				44						
3	50		13				54						
4	51		16				53						
5	52		9				42						
6	53		9				51						
7	54		10				49						
8	55		28				75						
9	56		30				69						
80	57		25				66						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-18 | Weight of Sample

From Hess OEX | Extraction

Tested For Cu, Zn | Volume Used

Date July 2, 1968 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
81	B. Waugh 58		23				42						
2	59		21				47						
3	60		35				56						
4	61		42				56						
5	62		25				51						
6	63		25				28						
7	64		31				44						
8	65		28				53						
9	66		18				56						
90	67		23				56						
1	68		16				54						
2	69		9				35						
3	70		16				48						
4	71		13				36						
5	72		16				44						
6	73		13				36						
7	74		18				36						
8	75		15				44						
9	76		8				30						
100	77		13				36						
1	78		21				40						
2	79		16				36						
3	80		18				49						
4	81		21				57						
5	P. Claridge 200		25				40						
6	201		16				27						
7	202		45				36						
8	203		38				44						
9	M. Ladue 128		9				247						
110	129		9				92						
1	130		15				82						
2	131		16				109						
3	133		10				35						
4	134		18				107						
5	135		10				107						
6	136		13				65						
7	137		16				44						
8	138		9				35						
9	139		9				34						
120	140		10				49						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

4

Report Number 68-HO-18 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date July 2, 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
121	M.Ladue 142		18				49						
2	143		10				57						
3	144		10				68						
4	145		16				73						
5	146		18		13		225						
6	147		9				86						
7	149		10				60						
8	150		15				60						
9	151		9				52						
130	177		9				44						
1	180		23				49						
2	182		13				43						
3	186		13				48						
4	188		15				35						
5	189		15				40						
6	195		50		15	x	340						
7	197		15				40						
8	200		13				65						
9	202		2				22						
140	152		5				9						
1	153		2				38						
2	154		2				38						
3	155		15				36						
4	156		10				35						
5	157		9				48						
6	158		8				34						
7	159		15				44						
8	160		9				34						
9	161		2				52						
150	162		15				62						
1	163		5				44						
2	164		18				62						
3	165		8				51						
4	166		8				36						
5	168		~~XX~~ 5				25						
6	170		~~XX~~ 53		20	x	490						
7	P.Dean 116		10				63						
8	117		21				40						
9	118		10		13	x	320						
160	120		18				100						

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PLOTTED

ATLAS EXPLORATIONS LIMITED

5

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-Ho-18 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date July 3, 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
161	P. Dean 121		9				38						
2	122		21				92						
3	123		16				62						
4	125		15				168						
5	126		13				95						
6	127		16				210						
7	128		18				247						
8	129		21				33						
9	130		9				59						
170	131		21				35						
1	132		30				78						
2	133		13				84						
3	134		5				63						
4	135		21				71						
5	136		16				38						
6	139		15				82						
7	140		21			x	250						
8	141		13				76						
9	142		13				73						
180	145		13				43						
1	146		40				38						
2	149-2		5				27						
3	150		18				53						
4	151		9				109						
5	152		8				123						
6	T. Skonseng 60		225			x	660						
7	66		74				204						
8	R. Etzel 282		18				30						
9	283		35				24						
190	284		40				36						
1	285		35				36						
2	286		42				28						
3	287		38				29						
4	288		34				29						
5	289		18				35						
6	290		15				20						
7	291		18				24						
8	292		18				24						
9	293		16				17						
200	294		16				19						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

6

Report Number 68-HO-18 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date July 3, 1968 Analyst

SILT

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
201	R. Etzel - 295		13				23						
2	298		46				33						
3	299		21				43						
4	300		38				35						
5	301		25				38						
6	304		28				30						
7	305		28				29						
8	306		28				25						
9	307		21				19						
210	308		21				24						
1	309		18				22						
2	310		5				19						
3	311		10				42						
4	312		10				35						
5	313		13				24						
6	314		21				29						

PLOTTED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - Ho - 18 | Weight of Sample

From Hess OEX | Extraction

Tested For Cu, Zn | Volume Used

Date July 3, 1968 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
207	S. McLeod 131		16				~~88~~	106					
8	132		4				~~88~~	88					
9	133		4				~~90~~	90					
210	134		18				~~114~~	114					
1	135		26				~~90~~	90					
2	136		18				~~98~~	98					
3	137		26				~~106~~	106					
4	138		36				~~102~~	102					
5	139		26				~~124~~	124					
6	140		30				~~106~~	106					
7	141		26				~~98~~	98					
8	142		18				~~94~~	94					
9	143		18				~~76~~	76					
220	144		16				~~76~~	76					
1	145		20				~~68~~	68					
2	146		26				~~72~~	72					
3	147		10				~~84~~	84					
4	148		16				~~68~~	68					
5	149		16				~~58~~	58					
6	150		20				66						
7	B. Waugh 47		2				76						
8	48		10				68						
9	McLeod 132		N.D				54						
230	141		4				76						
1	148		4				98						
2	176		10				66						
3	178		18				72						
4	179		30				72						
5	181		20				68						
6	183		20				70						
7	184		18				56						
8	185		16				48						
9	187		26				58						
240	190		20				54						
1	191		16				58						
2	192		14				30						
3	193		4				50						
4	194		20				50						
5	196		10				102						
6	198		4				58						

PLOTTED

PLOTTED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-18 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date July 2, 1968 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
247	M Ladue 199		30				50						
8	201		20				26						
9	203		20				56						
250	204		10				56						
1	205		30				94						
2	206		30				30						
3	207		42				98						
4	208		26				86						
5	209		30				56						
6	210		62				456						
7	167		32				76						
8	169		56				124						
9	171		20				24						
260	172		26				76						
1	173		20				66						
2	174		36				66						
3	175		20				66						
4	P. Dean 119		18				272						
5	124		20				194						
6	137		46				68				?		
7	138		18				6						
8	143		16				102						
9	144		36				252						
270	147		16				118						
1	149-1		16				56						
2	K. Heinanen 99		62				68						
3	100		32				86						
4	101		36				88						
5	102		30				66						
6	103		46				66						
7	104		32				64						
8	105		32				40						
9	106		32				88						
280	107		50				40						
1	108		50				86						
2	109		30				40						
3	110		26				18						
4	111		20				50						
5	112		36				64						
6	T. Stenberg 58		110				80						

PLOTTED

PLOTTED

ATLAS EXPLORATIONS LIMITED

9

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-18 Weight of Sample

From Hess OEX Extraction

Tested For Cu, Zn Volume Used

Date July 3, 1968 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
287	T. Skonseng 59		~~114~~ 148			x	1040						
8	61		~~91~~ 194				500						
9	62		~~88~~ 76				152						
290	63		174				328						
1	64		130				344						
2	65		70				152						
3	67		104				356						
4	68		134			x	500						
5	69		178			x	720						
6	70	36	198				1080						
7	71		325			x	800						
8	72		440			x	980						
9	73		26				98						
300	74		100				184						
1	75		80				156						
2	76		70				106						
3	77		70				114						
4	78		110				80						
5	79		116				156						
6	80		164				236						
7	81		274				1620						
8	82		110				72						
9	83		68				98						
310	84		76				46						
1	85		10				40						
2	86		56				64						
3	87		68				98						
4	88		32				98						
5	89		46				102						
6	90		32				80						
7	91		194				500						
8	92		190				368						
9	93		16				N.D						
320	R. Etzel 296		32				68						
1	297		36				48						
2	302		46				84						
3	303		50				48						

PLOTTED

PLOTTED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

1

Report Number 68-HS-19 Weight of Sample

From Hess Scot Extraction

Tested For Cu, Zn Volume Used

Date July 4, 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
1	T.Brock 125		30				~~150~~	78					
2	126		42				~~171~~	86					
3	127		18				~~N/R~~	36					
4	128		16				2						
5	129		35				145						
6	130		35				207						
7	131		5			xx	8800						
8	132		30			x	400						
9	133		35			x	510						
10	134		31				75						
11	135		42				152						
12	(2.56-25N)136		50			x	270						
13	(2.64-16N)136		40			x	320						

ATLAS EXPLORATIONS LIMITED

2

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HS - 19

From Hess Soot

Tested For Cu, Zn

Date July 4, 1968

Weight of Sample

Extraction

Volume Used

Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
14	L.48W - 1+00N		42			x	980						
5	2+00N		42			x	860						
6	3+00N		20				142						
7	4+00N		36				252						
8	5+00N		42				300						
9	6+00N		16				34						
20	7+00N		36				368						
1	8+00N		20				156						
2	9+00N		194			x	1840						
3	11+00N		250				6800						
4	12+00N		174			x	~~236~~ 3100						
5	13+00N		30				256						
6	15+00N		92			x	3000						
7	17+00N		20				44						
8	18+00N		20				164						
9	19+00N		80				314						
30	L.56W - 0+00N		50				176						
1	1+00N		56				290						
2	2+00N		36				408						
3	3+00N		42			x	720						
4	4+00N		76			x	1620						
5	6+00N		20				320						
6	7+00N		134			x	9800						
7	8+00N		90				152						
8	9+00N		60				262						
9	10+00N		26				246						
40	11+00N		18			x	204						
1	12+00N		56			x	580						
2	13+00N		32			x	500						
3	14+00N		68			x	490						
4	15+00N		30			x	540						
5	16+00N		30			x	480						
6	17+00N		32			x	500						
7	18+00N		16				106						
8	L.58W - B.L.		36				304						
9	L.60W - B.L.		30				476						
50	L.64W - B.L.		80			x	1620						
1	2+00N		18				390						
2	4+00N		26				232						
3	6+00N		18				326						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-19 | Weight of Sample

From Hess Scot | Extraction

Tested For Cu, Zn | Volume Used

Date July 4, 1968 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
54	L64 W - 8+00N		18				88						
5	10+00N		60				54						
6	12+00N		62				320						
7	14+00N		80				208						
8	16+00N		36			x	900						
9	18+00N		104			x	2940						
60	20+00N		360			x	6000						
1	22+00N		42			x	1260						
2	24+00N		20				332						
3	26+00N		20				108						
4	28+00N		30			x	720						
5	2+00S		N.D.				~~947~~	494					
6	4+00S		20				~~760~~	500					
7	6+00S		20				~~747~~	494					
8	8+00S		4			x	700						
9	10+00S		10			x	460						
70	12+00S		10				~~880~~	500					
1	14+00S		2				168						
2	16+00S		20				~~850~~	500					
3	L66 W - B.L.		60				~~1747~~	494					
4	L68 W - B.L.		4				108						
5	L.70W - B.L.		4			-	346						
6	L.72W - B.L.		4				286						
77	2+00N		32			x	560						
8	4		46			x	1320						
79	6		30				N.D.						
80	8		2				132						
81	10		18				102						
82	12		92			x	1420						
83	14		36				424						
84	18		70				168						
85	20		18				272						
86	22		56				210						
87	24		20			x	500						
88	26		36				136						
89	28		20				138						
90	2+00S		30				214						
91	4+00S		26				356						
92	6+00S		30				190						
93	8+00S		10				88						

ATLAS EXPLORATIONS LIMITED

4

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-19 Weight of Sample

From Hess Scot Extraction

Tested For Cu, Zn Volume Used

Date July 4, 1968 Analyst

SOIL

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
94	L.72W - 10+00S		2				x 1580						
5	12+00S		20				~~1380~~	286					
6	14+00S		16				~~1494~~	494					
7	16+00S		4				325						

(5) 10 b

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-19 Weight of Sample

From Hess Scot Extraction

Tested For Cu, Zn Volume Used

Date July 4, 1968 Analyst

ASSAY

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS			3.0									
1	L.56W-9+00N	[illegible]	[illegible]200				200						
2	L48W-18+00N	4.0	300				380						
3	L48W-11+00N	6.5	500				3040						
4	L56W-5+00N	4.0	300				2940						
5	L56W-7+00N	1.5	100			10.	500						
6	L48W-10+00N	12.0	1,000			35.0	2940						
7	L48W-16+00N	4.5	320			17.0	860						
8	L48W-15+00N	45.0	4400			30.0	1580						
9	L56W-16+00N	4.0	300			3.0	160						
10	L SCOT ASSAY	120 xx	100,000			36.0 x	20400						
11	L56W-8+00N	3.0	300			1.5	80						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HO-21 | Weight of Sample .2gm.

From HESS - OEX | Extraction HOT HCl

Tested For Cu, Pb, Zn | Volume Used 5 ml.

Date July 8/68 | Analyst

SILT

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	M. LADUE 211		46				141						
2	216		16				52						
3	219		9				51						
4	220		16				43						
5	221		15				51						
6	227		23				65						
7	228		67				36						
8	229		15				48						
9	230		18				45						
10	231		31				36						
11	232		23				54						
12	233		10				45						
13	234		15				40						
14	235		18				45						
15	236		10				36						
16	237		10				47						
17	238		13				34						
18	239		13				45						
19	240		8				49						
20	241		18				43						
21	242		9				54						
22	243		9				68						
23	245		18				47						
24	247		21				59						
25	248		13				38						
26	249		10				53						
27	250		10				36						
28	251		10				30						
29	252		10				38						
30	253		15				33						
31	254		25				138						
32	255		10				54						
33	P. DEAN 256		25				111						
34	257		30				65						
35	258		21				105						
36	259		34				79						
37	260		30				97						
38	261		25				86						
39	262		30				75						
40	263		35				71						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-110-21 Weight of Sample .2gm

From HESS - OEX Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used 5ml

Date July 8/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
41	P. DEAN 164		34				76						
42	165		28				76						
43	166		13				73						
44	167		25				71						
45	168		16				62						
46	169		23				66						
47	170		25				68						
48	171		16				75						
49	172		38				97						
50	173		38				79						
51	T. SKONSENG 94		84				69						
52	T. SKONSENG 95		40				42						
53	96		34				157						
54	98	x	340			x	630						
55	99		72				93						
56	104		74				62						
57	105		42				57						
58	106		90				59						
59	107		97				45						
60	108		~~111~~	105		x	350						
61	111		~~105~~	177		x	470						
62	113		~~160~~	105			166						
63	114			60			49						
64	115		46				32						
65	116		74				210						
66	121		84				166						
67	122		89				109						
68	124		65			x	360						
69	125		84			x	330						
70	126		70				210						
71	127		93				49						
72	128		93				51						
73	129		148				247						
74	131		38				111						
75	137		87				66						
76	138		110			x	730						
77	139		53				128						
78	140		25				53						
79	141		16				143						
80	142		13				40						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68-HO-21 Weight of Sample .2gm

From HESS - OEX Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used = 5ml

Date July 9/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	82 B. WAUGH		23		35		29						
82	83		21		16		34						
83	84		25		12		23						
84	85		18		28		28						
85	86		28		28		28						
86	87		23		8		27						
87	88		55		19		29						
88	89		23		10		34						
89	90		23		10		36						
90	91				*		~~111~~						
91	92		25		14		~~27~~	22					
92	93		10		14		~~23~~	22					
93	94		13		14		~~29~~	23					
94	95		15		12		~~38~~	29					
95	96		16		33		~~36~~	38					
96	97		9		35		66						
97	98		15		35		42						
98	99		10		28		36						
99	100		10		23		93						
100	101		16		16		100						
101	102		18		28		53						
102	103		25		16		68						
103	104		15		35		68						
104	105		18		16		88						
105	106		16		14		66						
106	107		16		14		65						
107	108		21		25		81						
108	109		23		25		84						
109	110		18		19		65						
110	111		23		25		78						
111	112		63		30		40						
112	K. HEINAMEN 116		118		10		44						
113	118		95		22		222						
114	119		93		23		95						
115	122		221		54		84						
116	125		213		50		247						
117	127		182		35		121						
118	S. McLEOD 151		23		47		79						
119	152		16		43		121						
120	153		16		43		78						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HO-21 Weight of Sample .2 gm

From HESS-OEX Extraction Aqt HCl

Tested For Cu, Zn, Pb Volume Used 5 ml.

Date July 9/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM	Zn	PPM		PPM		PPM
121	S.McLEOD 154		16				95		36				
122	155		15				109		68				
123	156		16				97		128				
124	157		23				107		152				
125	158		18				86		143				
126	159		23				57		104				
127	160		21				73		123				
128	161		21				68		136				
129	162		21				31		63				
130	163		21				45		73				
131	164		8						36				
132	165		10						53				
133	166		38						114				
134	167		18						62				
135	168		16						68				
136	169		15						57				
137	170		23						66				
138	171		16						52				
139	172		15						52				
140	173		90						225				
141	174		2						97				
142	175		31						184				
143	176		21						178				
144	177		10						54				
145	178		9						69				
146	179 180		28						184				
147	180		45						133				
148	181		28						57				
149	182		28						136				
150	183		21						178				
151	184		16						168				
152	185		21						118				
153	186		18						187				
154	187		16						172				
155	188		18						152				
156	189		15						88				
157	190		10						76				
158	191		18						62 79				
159	192		10						62				
160	193		23						69				

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-HO-21 | Weight of Sample .2 gm

From HESS-OEX | Extraction HOT HCl

Tested For Cu, Zn, Pb. | Volume Used 5ml.

Date July 9/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM	Cu	PPM	Cu	PPM	Zn	PPM		PPM		PPM
161	S.McLeod 194			~~N.D.~~	~~31~~	15			97				
162	195			~~N.D.~~	~~30~~	28			109				
163	196			~~N.D.~~	~~28~~	18			97				
164	197			~~N.D.~~	~~28~~	18			107				
165	198				~~28~~	18			86				
166	199				28	18			57				
167	200				28	16			73				
168	201				21	10			68				
169	202				16	10			51				
170	203				16	9			45				
171	204				30	18			247				
172	205				18	16		X	350				
173	206				23	16			143				
174	207				23	15			84				
175	208				28	15			93				
176	209				28	18			90				
177	~~210~~				~~33~~	15			69				
178	211				31	21			66				
179	212				13	9			49				
180	213				18	18			49				
181	214				18	10			76				
182	215				13	8			63				
183	216				13	8			53				
184	217					10			52				
185	218					10			63				
186	219					18			60				
187	220					18			60				
188	221					15			53				
189	222					13			63				
190	223					10			57				
191	224					10			78				
192	225					13			48				
193	226					15			44				
194	227					15			42				
195	228					18			54				
196	229					15			82				
197	230					15			62				
198	231					10			63				
199	232					13			62				
200	233					18			62				

ATLAS EXPLORATIONS LIMITED

(6)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-21 — Weight of Sample .2gm

From HESS-OEX — Extraction hot HCl

Tested For Cu, Pb, Zn — Volume Used 5 ml.

Date July 10/68 — Analyst

SILT — 2nd Run

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS		PPM	Cu	PPM	Cu	PPM	Zn	PPM		PPM		PPM
201	234 S.McLOED			N.D	—		15		69				
202	235			N.D	—		15		79				
203	236			N.D	—		15		62				
204	237			N.D	-		28		71				
205	238			N.D.	-		25		84				
206	239			N.D	—		15		63				
207	240			N.D.	—		13		68				
208	241			N.D.	—		34		76				
209	242			N.D.	-		15		63				
210	243				1		28		81				
211	244				2		53		219				
212	245				1		28		131				
213	246				1		40		175				
214	247				16		72		160				
215	248				9		52		168				
216	249				9		52		184				
217	250				23		70		172				
218	251				34		70		195				
219	252				16		60		155				
220	253				2		42		131				
221	254				18		63		190				
222	255				45		82		247				
223	256				34		72		207				
224	257				30		72		230				
225	258				55		87	X	280				
226	259				55		95	X	350				
227	260				16		58		178				
228	261				13		58		168				
229	262				9		58		166				
230	263				1		20		147				
231	264			N.D	—		34		138				
232	265				1		15		92				
233	266				2		34		133				
234	267			N.D.	—		35		107				
235	268			N.D.	—		31		95				
236	269				1		30		131				
237	270				1		40		118				
238	271			N.D.	—		34		116				
239	272			N.D	-		31		92				
240	273				1		23		86				

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(7)

Report Number 68-40-21 Weight of Sample .2gm

From HESS-OEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5ml

Date July 10/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu.	PPM		PPM	Zn	PPM		PPM		PPM		PPM
241	274 S.McLEOD		38				88						
242	275		40				116						
243	276		31				86						
244	278		30				81						
245	279		31				75						
246	280		38				84						
247	281		25				71						
248	282		36				73						
249	283		30				88						
250	284		42				104						
251	285		28				88						
252	286		24				155						
253	287		28				105						
254	288		28				93						
255	289		35				133						
256	290		8				51						
257	291		5				47						
258	292		10				56						
259	293		9				60						
260	294		9				52						
261	295		13				73						
262	296		13				69						
263	297		15				90						
264	298		21				100						
265	299		13				69						
266	300		2				51						
267	301		13				57						
268	302		9				63						
269	303		10				60						
270	304		10				54						
271	305		10				54						
272	306		5				49						
273	307		5				49						
274	308		8				56						
275	309		2				35						
276	310		8				45						
277	315 PETTEL		21				34						
278	316		13				32						
279	317		16				36						
280	318		16				35						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(8)

Report Number 68-110-21 Weight of Sample .2gm

From HESS-OEX Extraction Lof HCl

Tested For Pb, Zn, Cu. Volume Used 5ml.

Date July 10/68 Analyst

SLCT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
281	R. ETZEL 319		28				38						
282	320		28				42						
283	321		25				38						
284	322		25				44						
285	323		23				40						
286	324		23				38						
287	325		23				47						
288	326		25				45						
289	327		23				43						
290	328		25				44						
291	329		21				40						
292	330		21				44						
293	331		16				97						
294	332		40				59						
295	333		28				57						
296	334		23				59						
297	335		25				60						
298	336		23				59						
299	337		23				62						
300	338		21				56						
301	339		15				47						
302	340		16				51						
303	341		16				44						
304	342		25				54						
305	343		21				56						
306	344		23				54						
307	345		30				65						
308	346		28				62						
309	348		70				109						
310	349		30				42						
311	350		23				40						
312	351		40				30						
313	352		30				71						
314	353		34				59						
315	354		25				45						
316	355		30				51						
317	356		28				48						
318	357		28				44						
319	358		21				54						
320	359		42				73						

PLOTTED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(9)

Report Number 68-HO-21

From HESS-OEX

Tested For Cu, Zn, Pb

Date July 10/68 SKT

Weight of Sample 0.200 gm

Extraction hot HCl

Volume Used 5ml

Analyst

SAMPLE NUMBER		Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
321	R.ETZEL 360		16				36						
322	361		15				40						
323	362		25				49						
324	363		23				49						
325	364		21				45						
326	365		31				53						
327	366		16				44						
328	367		13				36						
329	368		35				49						
330	369		18				38						
331	370		13				29						
332	371		13				34						
333	372		16				36						
334	373		18				43						
335	374		16				36						
336	375		16				36						
337	376		21				38						
338	377		23				36						
339	378		21				47						
340	379		15				38						
341	380		9				36						
342	381		15				43						

PLOTTED

363-26

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(10)

Report Number 68-40-21

From HESS-OEX

Tested For Cu, Pb, Zn

Date July 12/68

SOIL

Weight of Sample 0.200 gm

Extraction hot aqua regia

Volume Used 10 ml

Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM		PPM		PPM		PPM
343	M.LADUE 212		N.D.		66								
344	213		16		80								
345	214		18		72								
346	215		16		70								
347	217		26		70								
348	218		20		80								
349	222		10		80								
350	223		10		88								
351	224		2		50								
352	225		10		60								
353	226		10		70								
354	24K		18		70								
355	P.DEAN 153		148	x	880								
356	154		36		24								
357	155		18	xx	12,400								
358	155-B	x	1780	xx	8600								
359	T.SKONSENG 97		68		98								
360	100		50		96								
361	101		134		236								
362	102		194		176								
363	103		~~230~~ 230		204								
364	109		20		36								
365	110		96		320								
366	112		174		194								
367	117		30		50								
368	118		92		70								
369	119		130		80								
370	120		116		164								
371	123		180		156								
372	130		84		94								
373	132	325	308	x	840								
374	133		68		186								
375	134		20		68								
376	135		46		90								
377	136		46		70								
378	K.HEINENEN 113		76		186								
379	114		134		162								
380	115		200		444								
381	117		190		56								
382	120		220		176								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(11)

Report Number 68-140-21

From HESS - OEX

Tested For Cu, Pb, Zn

Date July 12/68

SOIL

Weight of Sample 0.200 gm

Extraction hot aqua regia

Volume Used 10 ml

Analyst

SAMPLE NUMBER												
OURS	YOURS	Cu	PPM	Zn	PPM	PPM	PPM		PPM		PPM		PPM
383	K. HEINEN 121		100		94	86						
384	123		180		90	130						
385	124		46		80	76						
386	126		18		108	60						
387	128		36		40	20						
389	R. ETZEL 347		20		102	72						
390	382		18		38	108						
391	383		30		72	46						
392	384		250			30						
393												
394												
395												
396												
397												

ZOITED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HS-22 | Weight of Sample 0.200 gm.

From Hess Scot | Extraction Hot Aqua Regia

Tested For Cu, Zn | Volume Used 10 ml

Date July 12, 1968 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM		PPM		PPM		PPM
1	L.32W-0+00S		18		84								
2	1+00S		46		104								
3	2+00S		46	X	2040								
4	3+00S		10		332								
5	4+00S		18		184								
6	5+00S		50		236								
7	6+00S		26		246								
8	7+00S		30		164								
9	8+00S		68		180								
10	9+00S		20		164								
11	10+00S		32	X	1260								
12	11+00S		20		476								
13	L.40W-0+00S		92	X	1240								
14	1+00S		50	X	1040								
15	2+00S		4	X	640								
16	3+00S		16		88								
17	8+00S		36		438								
18	9+00S		4		150								
19	10+00S		26		236								
20	13+00S		36		236								
21	L.48W-0+00N		56	X	880								
22	20+00N		4		106								
23	21+00N		16		76								
24	22+00N		4		80								
25	23+00N		26		104								
26	24+00N		36		84								
27	1+00S		30		314								
28	2+00S		68		186								
29	3+00S		18		114								
30	4+00S		42		210								
31	5+00S		26		208								
32	6+00S		10		228								
33	7+00S		26		204								
34	8+00S		2		102								
35	9+00S		4		186								
36	10+00S		4		108								
37	11+00S		10		72								
38	12+00S		2		142								
39	13+00S		26		402								
40	14+00S		16		304								

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-22 Weight of Sample 0.200 gm

From HESS - SCOTT Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 m/s

Date July 17/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM	Pb	PPM		PPM
41	15+00S Line 48W		~~Zn~~	68			356			2.5	50		
42	16+00S		~~Cu~~	62			450			2.0	40		
43	L.56W 19+00N		~~Ni~~	36			90			1.0	20		
44	20+00N		~~Ni~~	36			96			2.5	50		
45	24+00N		~~Mn~~	56			46			1.0	20		
46	25+00N		~~Mn~~	26			44			2.0	40		
47	26+00N		~~Ag~~	18			18			1.5	30		
48	1+00S		~~Mn~~	46			138			1.5	30		
49	2+00S		~~Mn~~	18			124			2.5	50		
50	3+00S		~~Ag~~	106			466			1.5	30		
51	4+00S		~~Mn~~	50			314			2.0	40		
52	5+00S		~~Ag~~	92			172			2.0	40		
53	6+00S		~~Co~~	56			176			1.0	20		
54	7+00S		~~Cd~~	18			158			2.5	50		
55	8+00S		~~Mn~~	30			86			1.5	30		
56	9+00S		~~Co~~	50			310			1.5	30		
57	10+00S		~~Co~~	46			484			1.5	30		
58	13+00S		~~Co~~	20			58			1.0	20		
59	14+00S		~~Mn~~	104			720			1.5	30		
60	15+00S		~~Mn~~	76			374			*	N.D		
61	L.72W 16+00N		~~Mn~~	144			286			1.5	30		
62	T. Brock 140		~~Mn~~	100			408			1.5	30		
~~63~~													

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HS - 22 | Weight of Sample 1 gram.

From HESS SCOT | Extraction ASSAY METHOD

Tested For Cu, Pb, Zn | Volume Used 100 ml.

Date July 21 1968 | Analyst

Rock CHIPS

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	L56W 23+00N		42		32		494						
2	L0W 8+00N		N.D.		55		9000						
3	L56W 22+00N		42		24		222						
4	20+00N		60		27		72						
5	L0W 10+00S		60		19		84						
6	L48W 3+00S		N.D		75		66						
7	14N, 2W		N.D		46		210						
8	L56W 5+00N		68		65		1300						
9	8+00N		4		5		76						
10	9+00N		2		15		60						
11	L24N 11S, 2W		26		50		58						
12	L32W 8+00N, 3+00W		18		27		58						
13	L56W 9+00S		46		50		24						
14	L72W 19+00N		30		43		36						
15	L64W 11+00N		30		24		16						
16	L72W 3+00S		30		27		34						
17	L64W 10+00N		32		27		50						
18	L24W 13+00S		32		37		112						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HO-24 | Weight of Sample 0.200 gm

From HESS-OEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5ml.

Date July 12/68 SLCT | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM		PPM		PPM
1	R.FETZEL 415		15				35						
2	416		9				38						
3	417		15				48						
4	418		13				38						
5	419		10				36						
6	420		9				49						
7	421		10				44						
8	422		8				56						
9	423		5				78						
10	424		15				49						
11	S. MCLEOD 311		21				49						
12	312		15				30						
13	313		15				36						
14	314		16				40						
15	315		23				44						
16	316		15				36						
17	317		10				38						
18	318		8				36						
19	319		16				35						
20	320		13				35						
21	321		25				48						
22	322		9				25						
23	323		8				21						
24	324		1				29						
25	325		15				43						
26	326		13				38						
27	327		10				29						
28	328		13				36						
29	329		13				43						
30	R. FETZEL 385		9				42						
31	386		9				25						
32	387		8				62						
33	388		23				63						
34	389		8				53						
35	390		8				54						
36	391		5				49						
37	392		9				44						
38	393		9				42						
39	394		5				19						
40	395		2				36						

PLOTTED

PLOTTED 7-17-68

PLOTTED

July 16/68

ATLAS EXPLORATIONS LIMITED

Re-run for Pb.

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-MO-24

From HESS-OEX

Tested For Cu, Pb, Zn

Date July 13/68

Weight of Sample 0.200 Gm

Extraction hot HCl

Volume Used 5 m/s

Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Zn	PPM	Cu	PPM		PPM		PPM		PPM		PPM
M1	R.ETZF136		28		21								
M2	397		51		21								
M3	398		40		18								
M4	399		36		21								
M5	400		30		16								
M6	401		33		18								
M7	402		27		18								
M8	403		10		35								
M9	404		32		13								
M10	405		45		25								
M11	407		36		25								
M12	408		49		25								
M13	409		42		18								
M14	410		48		31								
M15	411		48		180								
M16	412		28		38								
M17	413		34		21								
M18	414		43		23								
M19	S. McLeod 330		40		30								
M20	331		52		35								
M21	332		27		16								
M22	333		76		16								
M23	334	x	360		108								
M24	335	x	380		95								
M25	336	x	330		10								
M26	337		220		76								
M27	338	x	480		175								
M28	339		172	25.5									
M29	340		73	=1									
M30	341		228		156								
M31	342		172		118								
M32	344	x	380		182								
M33	346		136		72								
M34	348		133		70								
M35	349		201		67								
M36	351		204		105								
M37	352		136		87								
M38	353		228		87								
M39	354		175		74								
M40	355	x	300		74								

PLOTTED

PLOTTED 17/7/68.

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68 - ~~HS~~ HO 24 ~~22~~

From Hess ~~Scot~~ OEX

Tested For Cu, Zn

Date July 14, 1968

Weight of Sample

Extraction

Volume Used

Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu.	PPM	Zn	PPM		PPM		PPM		PPM		PPM
41	P. Dean 175		8		45								
2	176		21		69								
3	177		15		60								
4	178		13		63								
5	179		13		73								
6	180		10		54								
7	181		10		184								
8	182		10		49								
9	183		8		38								
50	184		5		66								
1	185		13		66								
2	186		5		48								
3	187		8		78								
4	188		9		42								
5	189		2		68								
6	190		8		47								
7	191		9		82								
8	192		10		60								
9	193		9		68								
60	194		5		47								

PLOTTED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68-HO-24 | Weight of Sample 0.2 gm

From Hess OEX | Extraction hot HCl

Tested For Cu, Zn | Volume Used 5 ml.

Date July 14, 1968 | Analyst

silt

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM		PPM		PPM		PPM
61	P.Dean 195		16		66								
2	196		15		60								
3	197		13		57								
4	198		13		54								
5	199		13		45								
6	200		23		69								
7	201		23		69								
8	202		25		93								
9	203		15		56								
70	204		28		190								
1	205		23		185								
2	206		15		60								
3	207		52		x 290								
4	208		34		178								
5	209		25		178								
6	210		23		107								
7	211		21		88								
8	212		23		66								
9	213		23		76								
80	214		35		86								
1	215		34		111								
2	216		31		84								
3	217		30		90								
4	218		30		88								
5	219		30		80								
6	220		28		84								
7	221		38		95								
8	222		30		92								

W5-N-11

PLOTTED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68-HO-24 Weight of Sample 0.200 gm

From HESS - OEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 mls

Date July 13/68 Analyst

~~Soil~~ SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM		PPM		PPM		PPM
81	S.M.Flood 356		50	2 x	290								PLOTTED
82	357		53	x	380								
83	358		35	x	1070								
84	M. LADUE 24%		5		79								
85	256		23		152								
86	257		15		145								
87	258		21		136								
88	259		18		118								
89	260		18		133								
90	261		21		133								
91	262		16		93								
92	263		25		92								
93	264		10		121								
94	265		34		168								
95	266		31		136								
96	267		25		155								
97	268		25		109								
98	269		30		128								
99	270		9		90								
100	271		21		170								
101	272		10		65								
102	273		25		155								
103	274		31		235								
104	275		16		81								
105	276		30		109								
106	277		16		73								
107	278		10		86								
108	279		9		56								
109	280		10		45								
110	281		8		40								
111	282		5		16								
112	283		13		71								
113	284		10		65								
114	285		13		76								
115	286		10		71								
116	287		8		47								
117	288		10		71								
118	289		16		92								
119	290		18		104								
120	P DEAN 174		25		52								

PLOTTED

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-110-24 Weight of Sample 0.200 gm

From Hess DEX Extraction hot aqua regia

Tested For Cu, Zn Volume Used 10 ml

Date July 14, 1968 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM	Pb.	PPM		PPM
~~63~~ 1	R.Etzel 425		~~42~~	42			64			.5	10		
2	350		~~68~~	80			326			2.0	40		
3	343		~~97~~	116			356			1.5	30		
4	345		~~97~~	116			414			1.0	20		
5	347		~~130~~	84			320			1.5	30		
6	406		~~30~~	32			66			1.5	30		
7	T.Coates 26		~~19~~	60			12			1.5	30		
8	27		~~16~~	46			10			2.5	50		
9	28		~~14~~	46			10			2.5	50		

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HS-24 — Weight of Sample 0.200 gm

From HESS - SCOTT — Extraction hot aqua regia

Tested For Cu, ~~Pb~~, Zn, — Volume Used 10 ml.

Date July 15/68 — Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM	Pb.	PPM		PPM		PPM		PPM
10	L.O.W. 1+00N		92	x	2560	2.5	50						
11	2+00N		90	x	2900	.5	10						
12	3+00N		56	x	3680	3.0	60						
13	4+00N		68	x	2320	2.5	50						
14	5+00N		84	x	2820	1.5	30						
15	6+00N		60	xx	4600	2.5	50						
16	7+00N		76	x	1560	1.0	20						
17	8+00N		92	x	1460	1.0	20						
18	9+00N		76	x	1900	1.5	30						
19	21+00S		26		350	1.5	30						
20	22+00S		62	x	700	1.5	30						
21	23+00S		60	x	600	2.5	50						
22	24+00S		42		208	.5	10						
23	L8W1+00N		26	xx	7000	2.0	40						
24	2+00N		84	x1	8800	1.5	30						
25	3+00N		76	x	2280	2.5	50						
26	4+00N		30	xx	6800	1.0	20						
27	5+00N		30	x	1180	1.0	20						
28	6+00N		20	x	1080	2.0	40						
29	7+00N		46	x	3400	2.0	40						
30	8+00N		70	x	4380	3.0	60						
31	9+00N		116	x	2900	2.5	50						
32	10+00N		60	x	3040	2.0	40						
33	11+00N		76	x	2420	2.5	50						
34	12+00N		84	x	1940	1.5	30						
35	13+00N		68	x	1800	2.0	40						
36	14+00N		148	x	1140	1.5	30						
37	15+00N		68	x	2820	3.0	60						
38	16+00N		76	x	1420	3.0	60						
39	17+00N		70	x	1640	2.0	40						
40	18+00N		56	x	1460	2.5	50						
41	19+00N		36	x	1800	2.5	50						
42	20+00N		36	x	2100	2.5	50						
43	21+00N		56	x	3360	.5	10						
44	22+00N		106	x	2900	1.5	30						
45	23+00N		46	x	1900	1.5	30						
46	24+00N		80		246	2.0	40						
47	1+00S		60	xx	6000	2.0	40						
48	2+00S		116	xx	7900	3.0	60						
49	3+00S		62	xx	8800	2.0	40						

50/11

ATLAS EXPLORATIONS LIMITED

(2)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-24 | Weight of Sample 0.200gm

From Hess Scot | Extraction hot aqua regia

Tested For Cu, Zn | Volume Used 10ml

Date July 14, 1968 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM		PPM	Pb.	PPM		PPM
50	L.8W - 4+00S			60		x	680			3.5	70		
1	5+00S			80		x	1560			2.0	40		
2	6+00S			68		xx	9,800			1.5	30		
3	16+00S			30			168			1.5	30		
4	17+00S			18			86			2.5	50		
5	18+00S			32			142			2.0	40		
6	19+00S			46			168			2.0	40		
7	20+00S			30			132			1.0	20		
8	21+00S			46			164			1.5	30		
9	22+00S			36			194			3.0	60		
60	23+00S			46			158			2.5	50		
1	24+00S			36			176			1.5	30		
2	L.16W - 1+00N			32		xx	7200			2.5	50		
3	2+00N			30			26			2.5	50		
4	3+00N			20		x	2360			2.5	50		
5	4+00N			30		x	4600			2.0	40		
6	5+00N			18		x	2280			2.0	40		
7	6+00N			20		x	2940			2.0	40		
8	7+00N			42		xx	5000			2.0	40		
9	8+00N			36		x	1140			2.5	50		
70	9+00N			46		xx	6000			1.0	20		
1	12+00S			16			332			.5	10		
2	13+00S			46			350			N.D.	N.D		
3	14+00S			70			194				N.D		
4	15+00S			60			214			1.0	20		
5	16+00S			50			104			1.5	30		
6	17+00S			36			172			1.0	20		
7	18+00S			10			34				N.D		
8	19+00S			32			158			1.5	30		
9	20+00S			20		x	540			2.0	40		
80	21+00S			46		x	2040			2.0	50		
1	22+00S			26		x	640			.5	10		
2	23+00S			30		x	640			2.5	50		
3	24+00S			16			380			1.0	20		
4	L.16W - 10+00N			46		x	2080			3.5	70		
5	11+00N			18		x	2040			1.5	30		
6	12+00N			36		x	2520			1.5	30		
7	L.24W - 1+00N			42		x	3360			1.0	20		
8	2+00N			42		x	3960			2.0	40		
9	3+00N			42		x	3800			1.5	30		

80
11

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68 - HS - 24

From Hess Scot

Tested For Cu, Zn

Date July 14, 1968

Weight of Sample 0.200 gm.

Extraction hot aqua regia

Volume Used 10 ml

Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM	Pb.	PPM		PPM		PPM
90	L8W-7+00S		50	xx	15,200			1.0	20				
1	8+00S		70	xx	35,600			1.0	20				
2	9+00S		4	xx	7000			2.0	40				
3	10+00S		36	x	860			1.5	30				
4	11+00S		32	x	720			2.5	50				
5	12+00S		18	x	3620			1.0	20				
6	13+00S		70	xx	5000			2.0	40				
7	14+00S		30	x	3860			1.5	30				
8	15+00S		20		386			1.5	30				
9	L16W-13+00N		46	x	2420			2.5	50				
100	14+00N		42	x	2620			1.5	30				
1	15+00N		36	x	2120			1.5	30				
2	16+00N		50	x	1560			2.0	40				
3	1+00S		30	x	3800			2.5	50				
4	2+00S		30	x	4760			2.0	40				
5	3		42	xx	7600			3.5	70				
6	4		50	xx	10,400			3.0	60				
7	5		50	xx	7000			3.0	60				
8	6		62	~~xx~~	~~15,200~~	x 4760		3.0	60				
9	7		20	x	~~4080~~	x 7280		1.0	20				
110	8		26		~~456~~	x 8600		1.0	20				
1	9		32	x	~~840~~	314		1.5	30				
2	10		26		~~460~~	x 940		1.0	20				
3	11		92	x	~~440~~	x 1020		1.0	20				
4	L24W-4+00N		32		~~152~~	x 2720		.5	10				
5	5+00N		50	xx	5000	~~400~~		2.0	40				
6	6+00N		56	xx	4000			1.0	20				
7	7+00N		26	x	760			.5	10				
8	9+00N		36	x	3200			2.0	40				
9	10+00N		36	x	2560			1.0	20				
120	11+00N		42		350			3.0	60				
1	12+00N		26	x	980			2.5	50				
2	13+00N		46		424			2.0	40				
3	14+00N		42	x	560			1.5	30				
4	15+00N		42		186			1.0	20				
5	16+00N		42	x	640			1.5	30				
6	17+00N		36		136			2.5	50				
7	18+00N		60		146			1.5	30				
8	19+00N		36		204			1.0	20				
9	20+00N		20		72			1.5	30				

SO

4

(4)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-24 | Weight of Sample 0.200 gm

From HESS SCOT | Extraction HOT AQUA REGIA

Tested For Cu, Zn, | Volume Used 10ml.

Date July 14/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM	Pb	PPM		PPM		PPM
130	L.24W-21+00N		62	x	1720			1.0	20				
1	22+00N		20	x	540			2.0	40				
2	23+00N		26		214			.5	10				
3	24+00N		60		466				N.D				
4	1+00S		36	x	4200			1.5	30				
5	2+00S		350	xx	5600			2.5	50				
6	3+00S		42	xx	9000			1.0	20				
7	4+00S		36	xx	7200			2.5	50				
8	5+00S		36	xx	7600			1.5	30				
9	6+00S		36	x	2720			1.0	20				
140	7+00S		22	x	1460			1.0	20				
1	8+00S		56	x	700			2.0	40				
2	9+00S		26		104			1.0	20				
3	10+00S		18		58			2.0	40				
4	11+00S		20		66			1.0	20				
5	12+00S		32		124			1.5	30				
6	14+00S		42		84				N.D				
7	15+00S		26		26			.5	10				
8	16+00S		26		88			1.5	30				
9	17+00S		30	x	900			1.0	20				
150	18+00S		30		152			2.5	50				
1	19+00S		36	x	1460			1.5	30				
2	20+00S		56	x	2720			1.0	20				
3	21+00S		46	x	2140			.5	10				
4	22+00S		26	x	560			1.5	30				
5	23+00S		46	x	720			2.0	40				
6	24+00S		36	x	1520			1.5	30				
7	L.32W-14+00N		26		136			1.0	20				
8	2+00N		56	x	2620			2.0	40				
9	3+00N		80	xx	5400			1.5	30				
160	4+00N		90	x	3260			1.5	30				
1	5+00N		60	x	2520			.5	10				
2	6+00N		76	x	3620			2.0	40				
3	7+00N		42	x	1420			1.5	30				
4	8+00N		80	x	2900			.5	10				
5	9+00N		90	x	~~1380~~	1720		1.5	30				
6	10+00N		70	x	1380			1.0	20				
7	11+00N		46		132			1.0	20				
8	12+00N		42		214			2.0	40				
9	13+00N		20	x	660			1.5	30				

50

(5)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-24 | Weight of Sample 0.200 gm

From HESS SCOT | Extraction hot aqua regia

Tested For Cu, Zn | Volume Used 10ml.

Date July 15/68 | Analyst

soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM	Pb	PPM		PPM		PPM
170	L32W-14+00N		76	x	1460			.5	10				
1	15+00N		36		108			1.0	20				
2	16+00N		36	x	640			1.5	30				
3	17+00N		84	x	660			.5	10				
4	18+00N		18		28				N.D				
5	19+00N		36		56			1.5	30				
6	20+00N		16		88			1.0	20				
7	21+00N		42		16			1.5	30				
8	22+00N		18		142			1.5	30				
9	23+00N		42		76				N.D				
180	24+00N		32	x	760			1.0	20				
1	12+00S		100	x	1254			2.5	50				
2	13+00S		46	x	1020			3.0	60				
3	14+00S		84	x	1140			3.0	60				
4	15+00S		32	x	720			2.5	50				
5	16+00S		32	x	500			3.0	60				
6	17+00S		50	x	2420			3.0	60				
7	-1 18+00S		20	x	1420			2.0	40				
8	-2 18+00S		80		390			3.0	60				
9	19+00S		36	x	660			1.5	30				
190	20+00S		32		158			2.5	50				
1	21+00S		36		176			2.0	40				
2	22+00S		36		430			2.0	40				
3	23+00S		30	x	680			1.5	30				
4	24+00S		26		172			1.5	30				
5	L40W+00N		36		56			2.0	40				
6	2+00N		42	x	1080			2.5	50				
7	3+00N		46		310			2.0	40				
8	4+00N		42		214			1.5	30				
9	5+00N		36		438			3.0	60				
200	6+00N		46		112			3.0	60				
1	7+00N		26	x	4240			1.5	30				
2	8+00N		106	x	1200			2.0	40				
3	9+00N		16	x	720			1.0	20				
4	10+00N		26	x	1140			3.5	70				
5	11+00N		30	x	1020			2.5	50				
6	12+00N		3.5	x	2220			2.0	40				
7	13+00N		10	x	500			2.0	40				
8	14+00N		32	x	640			1.0	20				
9	15+00N		46		88			1.5	30				

50

(6)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-24 | Weight of Sample 0.200 gm

From HESS SCOT | Extraction hot aqua regia

Tested For Cu, Zn | Volume Used 10 ml.

Date July 15/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM		PPM	Pb	PPM		PPM		PPM
210	L.40W-16+00N		30		180			1.5	30				
211	17+00N		20		256			2.5	50				
212	18+00N		46		210			1.0	20				
213	19+00N		100		236			1.5	30				
214	20+00N		68	x	~~1644~~	700		1.0	20				
215	21+00N		190	x	~~2874~~	860		1.5	30				
216	22+01N		56		~~+~~262			2.0	40				
217	23+00N		16		76			1.5	30				
218	14+00S		32		396			2.0	40				
219	15+00S		42	x	2040			1.5	30				
220	16+00S		46	x	760			3.0	60				
221	17+00S		50		242			1.5	30				
222	19+00S		32		186			2.0	40				
223	20+00S		18		194			1.0	20				
224	21+00S		50		242			2.0	40				
225	22+00S		130	x	540			1.5	30				
226	23+00S		30	x	~~1340~~	500		2.0	40				
227	24+00S		110	x	2940			1.0	20				
228													

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1

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HA - 26

From HESS PROPERTIES (ART)

Tested For Cu, Pb, Zn

Date July 19 1968

Weight of Sample .2 grms.

Extraction Hot Aqua Regia

Volume Used 10 ml.

Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	L56 0+00S		68	14.5	137	x	540						
2	1+00S		140	7.5	70	x	680						
3	2+00S		30	5.0	46		152						
4	3+00S		32	4.0	37		170						
5	4+00S		32	3.0	27		162						
6	5+00S		42	4.0	37		204						
7	6+00S		42	7.0	65		124						
8	6a+00S		36	3.0	27		320						
9	7+00S		16	1.5	15		156						
10	8+00S		50	5.0	46		208						
11	10+00S		100	4.0	37		266						
12	11+00S		42	4.5	43		236						
13	12+00S		76	5.5	50		368						
14	13+00S		50	4.5	43		246						
15	14+00S		60	6.0	55		272						
16	L56 1+00N		32	4.0	37		106						
17	2+00N		84	4.5	43		252						
18	3+00N		70	3.5	32		180						
19	4+00N		100	7.0	65		236						
20	6+00N		90	3.5	32		164						
21	7+00N		116	6.5	60		262						
22	L72 1+00N		116	4.5	43	x	600						
23	2+00N		120	4.0	37		402						
24	3+00N		216	8.5	80	x	860						
25	4+00N		84	6.0	55	x	600						
26	5+00N		286	6.5	60	x	1041						
27	6+00N		84	5.0	46	x	680						
28	7+00N		164	5.0	46	x	1360						
29	8+00N		70	5.5	50	x	500						
30	9+00N		338	8.5	80	x	1460						
31	10+00N		126	5.5	50	x	1840						
32	11+00N		194	5.5	50	x	4140						
33	12+00N		224	4.0	37		470						
34	13+00N		330	9.0	85	x	2820						
35	L72 0+00S		56	4.5	43		276						
36	1+00S		90	4.5	43		478						
37	2+00S	31	290	6.5	60	x	1040						
38	3+00S	35.5	344	7.0	65	x	1580						
39	4+00S		284	5.5	50	xx	8000						
40	5+00S		220	4.5	43	x	1320						

S.O

(2)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HA-26 Weight of Sample .2 gms

From HESS PROPERTIES (ART) Extraction Hot Aqua Regia

Tested For Cu, Pb, Zn Volume Used 10 ml

Date July 19/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	L.8-0+00N		80	4.5	43		438						
42	1+00N		50	5.0	46		380						
43	2+00N		10	4.5	43		60						
44	3+00N		50	5.5	50		152						
45	4+00N		62	5.5	50		336						
46	6+00N		174	8.0	75	x	980						
47	7+00N		152	7.5	70	x	1080						
48	8+00N		104	5.5	50		326						
49	9+00N		42	4.5	46		236						
50	10+00N		84	5.0	48		450						
51	11+00N		104	7.0	65		420						
52	12+00N		36	4.0	39		162						
53	13+00N		76	7.5	70		408						
54	14+00N		76	5.5	50		430						
55	15+00N		26	2.5	24		164						
56	16+00N		42	5.0	46		294						
57	17+00N		60	5.0	46		136						
58	18+00N		36	5.0	46		180						
59	19+00N		56	6.0	55		310						
60	20+00N		50	6.0	55		276						
61	21+00N		50	4.5	43		210						
62	22+00N		42	3.5	32		232						
63	23+00N		10	3.0	27		90						
64	24+00N		110	4.5	43	x	600						
65	25+00N		36	7.0	65		368						
66	26+00N		90	7.0	65		438						
67	27+00N		42	4.5	43		252						
68	28+00N		20	6.0	55		114						
69	29+00N		62	7.0	65	x	560						
70	30+00N		60	7.5	70		150						
71	31+00N		20	4.5	43		126						
72	32+00N		26	3.5	32		88						
73	33+00N		30	7.0	65		136						
74	34+00N		68	5.0	46		314						
75	35+00N		62	5.5	50		236						
76	18-1+00S		20	4.0	37		344						
77	2+00S		148	4.5	43	x	800						
78	3+00S		30	4.5	43		294						
79	5+00S		130	5.0	46	x	680						
80	L.64-0+00N		36	5.5	50		242						

S.O

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68-HA-26 — Weight of Sample ~2 gms

From HESS PROPERTIES (ART) — Extraction Hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 ml

Date July 19 '68 — Analyst

soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Zn	PPM	Pb	PPM		PPM		PPM		PPM
81	L.64-1+00N		144		430	6.5	60						
82	2+00N		20		54	4.0	37						
83	3+00N		114		60	9.0	85						
84	4+00N		92		194	9.5	90						
85	5+00N		148	x	720	6.0	55						
86	6+00N		186		262	6.5	60						
87	7+00N		216		262	8.0	75						
88	8+00N		168		272	7.0	65						
89	9+00N		164	222	[illegible]	6.0	55						
90	10+00N		50		132	6.5	60						
91	L.64-1+00S		68		266	8.0	75						
92	2+00S		110	x	2360	7.0	65						
93	3+00S		32	xx	5600	5.8	50						
94	4+00S		62	x	2820	5.5	50						
95	5+00S		50	x	1840	5.8	50						
96	6+00S		178	xx	9800	6.5	60						
97	7+00S		32		176	5.5	50						
98	8+00S		50	x	1260	6.0	55						
99	L.80-1+00S		186	x	1040	5.5	50						
100	2+00S		186	x	1180	5.2	45						
101	4+00S		68		314	5.0	45						
102	5+00S		46		232	5.5	50						
103	L.80-0+00N		84		326	6.0	55						
104	1+00N		92		408	7.0	75						
105	2+00N		90		420	5.5	50						
106	3+00N		144	x	660	5.0	45						
107	4+00N		230	x	760	5.0	45						
108	5+00N		50		242	4.5	40						
109	6+00N		62		390	5.0	45						
110	7+00N		290	x	1180	6.5	60						
111	8+00N		194	x	1020	5.5	50						
112	9+00N	38.5		x	1900	7.0	65						
113	10+00N		250	x	2040	5.5	50						
114	11+00N		190	x	940	6.5	60						
115	12+00N		174	x	1120	6.5	60						
116	L.40-0+00S		164	x	680	7.0	65						
117	1+00S		68		190	4.0	37						
118	2+00S		50		218	4.5	43						
119	3+00S		84		414	7.0	65						
120	4+00S		164	x	640	5.0	46						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HA-26 — Weight of Sample .2 gms

From HESS PROPERTIES (ART) — Extraction Hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 ml.

Date July 19 68 — Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	L.40-5+00S		20		27	96							
122	6+00S		92		55	168							
123	6A+00S		56		24	256							
124	7+00S		110		94	246							
125	8+00S		42		5	156							
126	9+00S		18		60	80							
127	10+00S		32	10	~~60~~	98							
128	11+00S		68	37	~~10~~ M	980	x						
129	12+00S		116	29	~~37~~ M	1300	x						
130	13+00S		56	46	~~24~~ M	720	x						
131	14+00S		60		15	414							
132	L.40-1+00N	41			27 M	2660	x						
133	2+00N		90		24	272							
134	3+00N		100		32	310							
135	4+00N		76		27	350							
136	5+00N		62		27	208							
137	6+00N		84		55 M	560	x						
138	7+00N		126		24	396							
139	8+00N		148		5	320							
140	9+00N		200		15	256							
141	10+00N		324		46	444							
142	L.48W-1+00N		80		43	228							
143	2+00N		120		43 M	500	x						
144	3+00N		168		37 M	940	x						
145	4+00N		68		60	276							
146	5+00N		70		19	146							
147	6+00N		10		5	30							
148	7+00N		100		32	218							
149	8+00N		116		5	340							
150	L.48W-0+00S		76		43	164							
151	1+00S		126		65	490							
152	2+00S		116		70	450							
153	3+00S		30		24	130							
154	4+00S		26		15	72							
155	5+00S		60		5	208							
156	6+00S		130		50 M	660	x						
157	7+00S		62		15	402							
158	8+00S		56		10	262							
159	9+00S		30	19	~~37~~	172							
160	10+00S		56		32	272							

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-HA-26 — Weight of Sample 2 gms

From HESS PROPERTIES (ART) — Extraction Hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 ml

Date July 20/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
161	L.48W-11+00S		30		70		164						
162	12+00S		46		N.D.		162						
163	13+00S		30		27	x	540						
164	14+00S		32		32		150						
165	15+00S		60		27		242						
166	16+00S		42		65		300						
167	17+00S		42		5		200						
168	L.32-1+00S		84		5		396						
169	2+00S		42		N.D		180						
170	3+00S		140		37	x	4240						
171	4+00S		106		46	x	2220						
172	5+00S		168		32	xx	5600						
173	6+00S		92		19	x	700						
174	7+00S		126		27	x	1080						
175	8+00S		206		19	x	720						
176	9+00S		70		10	x	1760						
177	10+00S		68		5	x	1360						
178	11+00S		106		32	x	1320						
179	13+00S		26		32	x	580						
180	14+00S		56		32	x	700						
181	L.32-0+00N		134		55		460						
182	1+00N		220		19	x	1720						
183	2+00N		76		27	x	500						
184	3+00N		104		N.D	x	980						
185	4+00N		92		5	x	500						
186	5+00N		62		10	x	960						
187	6+00N		56		24		214						
188	7+00N		70		43		194						
189	8+00N		90		55		272						
190	9+00N		76		15		228						
191	10+00N		80		27		200						
192	11+00N		80		15		490						
193	12+00N		56		27		190						
194	13+00N		100		27		340						
195	14+00N		92		60		490						
196	15+00N		68		10		282						
197	16+00N		56		5		336						
198	17+00N		68		N.D		242						
199	L.16-1+00N		90		10	x	700						
200	2+00N		80		32	x	700						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-HA-26 Weight of Sample .2 gms

From HESS PROPERTIES (ART) Extraction Hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 ml

Date July 2 1968 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
201	L.16-3+00N		60		15		300						
202	4+00N		110		N.D.	x	600						
203	5+00N		50		19		200						
204	6+00N		26		24		72						
205	7+00N		56		37		262						
206	8+00N		50		50		246						
207	9+00N		20		32		50						
208	10+00N		168		43	x	860						
209	11+00N		110		27		490						
210	12+00N		20		5		104						
211	13+00N		94		43		310						
212	14+00N		84		46		344						
213	15+00N		76		37		272						
214	16+00N		70		46		368						
215	17+00N		80		65		310						
216	18+00N		10		10		26						
217	19+00N		62		27		252						
218	20+00N		46		15		186						
219	21+00N		120		37		430						
220	23+00W		60		43		190						
221	24+00N		30		32		114						
222	25+00N		56		43		246						
223	26+00N		46		5		180						
224	27+00N		36		50		102						
225	28+00N		50		60		136						
226	29+00N		60		65		204						
227	30+00N		60		24		164						
228	31+00N		32		5		88						
229	32+00N		70		10		340						
230	33+00N		32		50		130						
231	34+00N		60		32		164						
232	35+00N		42		46		184						
233	L.16-0+00S		46		50	x	760						
234	1+00S		36		27	x	700						
235	2+00S		56		10		476						
236	3+00S		42		10	x	1060						
237	4+00S		90		15	x	1860						
238	5+00S		144		32	x	2560						
239	L88-0+00N		110		10	x	960						
240	1+00N		36		55		200						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(7) 50

Report Number 68-HA-26 — Weight of Sample .2 gms

From HESS PROPERTIES (ART) — Extraction Hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10ml

Date July 20/68 — Analyst

50 ± 2

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
241	L.88-2+00N		70		80		310						
242	3+00N		312		46	x	2180						
243	4+00N		116		19	x	720						
244	5+00N		260		65	x	2000						
245	6+00N		156		19	x	1080						
246	7+00N		216		60	x	1840						
247	8+00N		148		46	x	1140						
248	9+00N		144		24	x	860						
249	10+00N	40.5	200		80	x	3000						
250	11+00N		194		55	x	2140						
251	L.88-1+00S		50		18		390						
252	2+00S		190		65	x	1180						
253	3+00S		70		10	x	680						
254	4+00S		134		60	x	1300						
255	5+00S		104		24	x	720						
256	6+00S		42		10	x	2040						
257	8+00S		152		24	x	840						
258	L.0-1+00N		16		50		104						
259	2+00N		26		N.D.		175						
260	3+00N		26		46		208						
261	4+00N		68		N.D		450						
262	5+00N		42		19	x	640						
263	6+00N		70		10	x	540						
264	7+00N		80		24	x	540						
265	8+00N		20		15		368						
266	9+00N		26		15		470						
267	10+00N		62		37		104						
268	11+00N		62		19		194						
269	12+00N		116		5	x	500						
270	13+00N		32		19		262						
271	14+00N		20		50		130						
272	15+00N		42		24		200						
273	16+00N		80		10		320						
274	17+00N		N.D.		37		26						
275	18+00N		10		10		108						
276	19+00N		42		10		184						
277	20+00N		10		10		204						
278	21+00N		42		32		214						
279	22+00N		N.D.		24		46						
280	23+00N		20		19		114						

5.0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET (8)

GEOCHEMICAL

Report Number 68-HA-26 | Weight of Sample 0.200gm

From HESS PROPERTIES (ART) | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 ml

Date July 21, 1968 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
280	L.0 24+00N		76		15		262						
282	25+00N		20		37		172						
283	26+00N		60		15		276						
284	27+00N		2		19		66						
285	28+00N		36		15		340						
286	L.0W 0+00S		10		46		120						
287	L.24+00N		42		N.D.		300						
288	2+00N		20		46		162						
289	3+00N		10		37		136						
290	4+00N		16		37		236						
291	5+00N		56		27	x	560						
292	6+00N		4		19		158						
293	7+00N		68		15		424						
294	8+00N		168		19	x	980						
295	9+00N		30		27	x	1460						
296	10+00N		80		N.D.	x	1460						
297	11+00N		26		75		246						
298	12+00N		18		19		164						
299	13+00N		26		10		164						
300	14+00N		20		27		164						
301	15+00N		18		10		162						
302	16+00N		26		27		162						
303	17+00N		42		24		272						
304	18+00N		20		24	x	680						
305	19+00N		30		27		164						
306	20+00N		2		10		146						
307	21+00N		56		65		262						
308	22+00N		N.D.		15		94						
309	23+00N		32		55		184						
310	24+00N		26		24		362						
311	L.24 0+00S		26		27	x	4900						
312	1+00S		4		50		180						
313	2+00S		16		10		242						
314	3+00S		36		55	x	1680						
315	4+00S		2		27		380						
316	5+00S		10		10	x	860						
317	6+00S		16		32		294						
318	7+00S		36		19	x	1140						
319	~~8A~~+00S		2		43	x	2220						
320	8+00S		2		10	x	2040						
	~~10+00S~~												

5.0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(9)

Report Number 68-HA-26

From HESS PROPERTIES

Tested For Cu, Pb, Zn

Date July 21/68

Weight of Sample 0.20gm

Extraction hot aqua regia

Volume Used 10ml

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
321	L.24 10+00S		2		45		1140						
322	L.56 7A+00N		2		27		176						
323	L.80 5+00S		36		43		402						

58

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HA - 26

From Hess Prop. (ART)

Tested For Cu, Pb, Zn

Date August 8/68

Weight of Sample .2 gm

Extraction Hot HCl

Volume Used 5 ml

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	L.O 28 N		30		19	x	300						
2	L8 23+50 N		53		10		116						
3	L8W 55 2W		34		10	x	810						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-27

From HESS (SCOT)

Tested For Cu, Pb, Zn

Date July 21, 1968

Weight of Sample .2 GRAMS

Extraction HOT AQUA REGIA

Volume Used 10 ml.

Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	L-8-E 1+00S	26		27			494						
2	2+00S	50		85		x	1200						
3	3+00S	20		55		x	1260						
4	4+00S	32		75			494						
5	5+00S	26		90		x	520						
6	6+00S	20		162		x	720						
7	7+00S	18		55			98						
8	8+00S	84		85			362						
9	9+00S	26		104			504						
10	10+00S	42		46			424						
11	11+00S	56		43			246						
12	12+00S	10		60			194						
13	13+00S	46		90			282						
14	14+00S	16		N.D.			18						
15	15+00S	174		100		x	660						
16	16+00S	20		70		x	1120						
17	17+00S	18		27			136						
18	18+00S	10		37			266						
19	19+00S	4		37			72						
20	20+00S	30		50			186						
21	21+00S	4		19			64						
22	22+00S	N.D.		32			30						
23	23+00S	N.D.		27			60						
24	24+00S	26		37			152						
25	L-8-E 1+00N	18		46		x	1180						
26	2+00N	60		80		x	1640						
27	3+00N	4		24		x	2760						
28	4+00N	26		55		x	720						
29	5+00N	10		1		x	2620						
30	6+00N	36		5		x	980						
31	7+00N	10		5		x	3100						
32	8+00N	30		19		x	500						
33	9+00N	2		37			252						
34	10+00N	46		19		x	2220						
35	11+00N	30		N.D.		x	680						
36	12+00N	20		N.D.			424						
37	13+00N	16		43		x	560						
	14+00N												

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2) 80

Report Number 68-HS-27 | Weight of Sample 0.200gm

From HESS SCOT | Extraction Hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 ml

Date July 24/68 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
38	1.8E-14+00N		46		27	x	680						
39	16+00N		50		19	x	2460						
40	17+00N		60		15	x	860						
41	18+00N		62		24	x	720						
42	19+00N		62		27	x	980						
43	20+00N		36		27	x	720						
44	21+00N		30		24		470						
45	22+00N		62		27		368						
46	23+00N		68		32		282						
47	24+00N		60		19		210						
48	25+00N		56		19		272						
49	26+00N		30		32		20						
50	27+00N		26		5		28						
51	28+00N		56		24		232						
52	29+00N		52		15		186						
53	30+00N		60		24		158						
54	31+00N		32		24		130						
55	32+00N		56		19		158						
~~56~~	33+00N		~~58~~		19		172						
57	34+00N		62		N.D.		190						
58	1.16E ~~1+00N~~		62		46	x	~~476~~	660					
59	~~2+00N~~		62		27	476	~~304~~	476					
60	~~3+00N~~		56		19	~~46~~	~~46~~	304					
61	~~4+00N~~		30		5	~~138~~	~~138~~	46					
62	5+00N		30		10	~~24~~	~~84~~	138					
63	6+00N		30		N.D.	~~42~~	~~72~~	84					
64	7+00N		50		27	~~26~~	~~20~~	72					
65	8+00N		46		15	x		20					
66	9+00N		76		50	x	~~44~~	860					
67	10+00N		36		10		44	~~44~~					
68	11+00N		46		27	x	720						
69	12+00N		50		32		276						
70	13+00N		62		19	x	500						
71	14+00N		46		19		124						
72	15+00N		62		27		76						
73	16+00N		56		27		126						
74	17+00N		26		24		50						
75	18+00N		90		43		246						
76	19+00N		46		27		136						
77	20+00N		36		19		6						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HS-27 | Weight of Sample 0.2 gm

From HESS GCOT | Extraction Hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 ml.

Date July 24/68 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM		PPM	Zn	PPM	Pb	PPM		PPM		PPM
78	L16E ~~15+00N~~ ~~2+00N~~	50	BD		x	1300			N.D				
79	21+00N	36				40			32				
80	22+00N	56				40			10				
81	23+00N	36				34			24				
82	24+00N	32				68			32				
83	25+00N	32				68			56				
84	26+00N	30				86			10				
85	27+00N	36				66			28				
86	28+00N	20				12			32				
87	29+00N	26				66			20				
88	30+00N	116				76			38				
89	31+00N	62				156			24				
90	32+00N	76				208			16				
91	33+00N	62				204			46				
92	34+00N	104				262			56				
93	35+00N	36				~~208~~	96		10				
94	36+00N	60				204			38				
95	L16E ~~1+00S~~ ~~1+00N~~	80			x	1140			122				
96	~~2+00S~~ 2+00S	90			x	1560			70				
97	~~3+00S~~ ~~2+00N~~	60			x	520			38				
98	4+00S	80			x	720			60				
99	5+00S	46				208			44				
100	6+00S	110			x	1760			86				
101	7+00S	36				150			44				
102	8+00S	30				72			60				
103	9+00S	42				232			76				
104	10+00S	42				494			104				
105	11+00S	36				94			10				
106	12+00S	32				104			66				
107	13+00S	36				218			86				
108	14+00S	30				24			16				
109	15+00S	26				210			76				
110	16+00S	42				112			60				
111	17+00S	42				102			60				
112	18+00S	36				132			70				
113	19+00S	180				402			66				
114	20+00S	32				20			56				
115	21+00S	32				424			86				
116	22+00S	104			x	3860			118				
117	23+00S	104	17.0		x	1640			162				
118	24+00S	68	16.0		x	1060			150				

8.0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HO-28 Weight of Sample 0.200

From HESS-OEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5m/s

Date July 21/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	M.LADUE 291		13	4.5	22		~~13~~	51					
2	292		8	1.5	8		~~6~~	40					
3	293		13	7	33		~~14~~	49					
4	294		13	9.5	45		~~18~~	60					
5	295		13	2.0	10		~~24~~	111					
6	296		30	3.5	16		~~36~~	136					
7	297		16	7.5	35		~~38~~	98					
8	298		40	2.5	12		~~44~~	88					
9	299		30	2.0	10		~~19~~	65					
10	300		10	8.0	38		~~37~~	71					
11	301		8	7.5	35		78						
12	302		9	7.0	33		73						
13	303		8	8.5	40		69						
14	304		8	8.5	40		24						
15	305		5	2.0	10		48						
16	306		9	4.0	19		75						
17	307		8	7.0	33		78						
18	308		5	5.0	23		51						
19	309		1	7.0	33		43						
20	310		2	3.5	16		43						
21	311		13	6.0	28		42						
22	312		5	1.0	5		69						
23	313		16	6.0	28		84						
24	314		8	7.5	35		44						
25	315		~~18~~	9.5	45		44						
26	316		9	8.0	38		79						
27	317		8	6.0	28		90						
28	318		5	7.5	35		49						
29	319		18	9.5	40		44						
30	320		8	7.0	33		66						
31	321		10	(9) 13.5	28		53						
32	322		13	(9) 6.5	16	x	1110						
33	323		10	(9) 2.5	14		247						
34	324		5	5.0	23		60						
35	325		15	9.0	43		78						
36	326		5	6.5	30		198						
37	327		9	9.0	45		152						
38	328		10	6.0	28		128						
39	329		5	5.0	23		116						
40	330		10	6.0	28	x	330						

3.0

2.

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-28 | Weight of Sample .2 GRAM

From HESS OEX | Extraction HOT HCl

Tested For Cu, Pb, Zn | Volume Used 5 ml.

Date July 21/68 | Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
41	M LADUE 331		18	13.5	64		198						
42	40 2		16	6.5	30		155						
43	3		14	6.5	30		35						
44	4		25'	7.0	33		92						
45	5'		15	8.0	38		56						
46	6		13	3.0	14		195						
47	7		23	8.5	40		198						
48	8		18	3.5	16		69						
49	9		18	7.5	35		52						
50	340		16	3.5	16		75						
51	1		15'	5.0	23		90						
52	2		31	6.0	28		82						
53	3		9	4.0	19		56						
54	4		15'	6.5	30		68						
55	5'		13	5.0	23		51						
56	6		13	3.0	14		51						
57	7		28	5.5	25		36						
58	8		21	4.0	19		36						
59	9		9	7.5	35		34						
60	350		10	4.0	19		34						
61	1		13	8.0	38		45						
62	2		15	8.0	38		36						
63	3		5	6.0	28		35						
64	4		8	4.0	19		52						
65	5'		9	3.0	14		52						
66	6		13	4.0	19		56						
67	7		10	8.5	40		60						
68	8		13	4.5	22		247						
69	9		2	4.5	22		32						
70	360		25'	4.5	22		104						
71	1		18	4.5	22		84						
72	2		18	6.5	30		160						
73	3		16	10.0	47		76						
74	4		10	5.0	23		90						
75	5'		5'	4.5	22		68						
76	6		8	4.5	22		81						
77	7		8	4.5	22		68						
78	8		8'	2.0	10		53						
79	9		1	3.0	14		52						
80	370		9	4.5	22		40						

5.0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68-140-28 | Weight of Sample 0.200gm

From HESS - OEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5ml

Date July 21/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	MLADUE 371		10	6.0	28		59						
82	372		9	5.0	23		86						
83	373		10	5.0	23		97						
84	374		18	4.0	19		54						
85	375		18	3.0	14		75						
86	376		21	3.0	14		147						
87	377		23	6.5	30		111						
88	378		21	5.0	23		81						
89	379		23	5.0	23		121						
90	P. DEAN 223		21	0.5	3		71						
91	224		9	4.5	22		53						
92	225		10	3.0	14		81						
93	226		13	3.0	14		60						
94	227		13	3.0	14		68						
95	228		10	2.0	10		172						
96	229		13	3.0	14		90						
97	230		10	2.0	10		54						
98	231		9	2.5	12		81						
99	232		8	6.5	30		92						
100	233		8	3.0	14		62						
101	234		15	3.5	16		102						
102	235		5	1.0	5		79						
103	236		13	5.0	23		84						
104	237		16	6.0	28		155						
105	238		10	5.5	25		88						
106	239		16	5.0	23		114						
107	240		15	6.5	30		66						
108	241		5	2.0	10		84						
109	242		8	3.0	14		44						
110	243		9	5.0	23		47						
111	244		38	5.5	25		116						
112	245		23	5.0	23		66						
113	246		35	3.5	16		66						
114	247		30	2.5	12		172						
115	248		15	1.5	8		59						
116	249		23	6.5	30		93						
117	250		10	6.5	30		57						
118	251		10	13.5	64		49						
119	252		9	2.5	12		53						
120	253		13	2.5	12		45						

(8-0)

4.

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-40-28 Weight of Sample .2 gm

From HESS OEX Extraction Hot HCl

Tested For Cu, Pb, Zn. Volume Used 5 ml.

Date July 21 /68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu.	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	P.DEAN 254		18	7.5	35		88						
2	255		23	10.0	47	x	1470						
3	257		42	1.0	50	x	1450						
4	258		23	5.5	25	x	1410						
5	259		45	3.0	14	x	710						
6	260		34	4.0	19	x	950						
7	261		60	7.5	35	x	730						
8	262		30	3.0	14		247						
9	263		34	2.5	12	x	490						
130	264		16	2.5	12		82						
1	265		13	5.5	25		247						
2	266		9	N.D.	N.D.	x	360						
3	267		13	5.5	25	x	250						
4	268		13	1.5	8		84						
5	269		30	4.5	22		201						
6	270		15	3.5	16		143						
7	271		8	5.5	25		126						
8	274		34	3.0	14		225						
9	275		16	4.0	19		136						
140	276		21	6.0	28		56						
1	277		30	5.0	23		160						
2	278		18	3.0	14		131						
3	279		18	3.5	16		247						
4	280		55	1.0	5	x	450						
5	281		42	4.0	19		230						
6	282		23	2.0	10		247						
7	283		25	9.5	45		212						
8	284		31	3.5	16		166						
9	285		30	3.5	16		138						
150	J.Acklack 1		42	3.5	16		215						
1	2		50	10.5	50		247						
2	3		25	10.5	50		126						
3	4		45	2.0	10		195						
4	5		34	4.5	22		225						
5	T.Skonseng 168		45	7.5	35		219						
6	169		38	6.5	30		160						
7	P.Claridge 204		8	2.0	10		4						
8	205		25	4.5	22		152						
9	206		30	1.5	8		157						
160	207		21	7.0	33		145						

SO

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-HO-28 | Weight of Sample 0.200gm

From HESS-OEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5ml.

Date July 21/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
161	P.CLARIDGE 208		35	6.0	28		193						
162	209		38	2.0	10		184						
163	210		38	5.5	25		109						
164	211		63	2.5	12	x	480						
165	R.RETZEL 426		30	9.0	43		59						
166	427		31	8.5	40		60						
167	428		28	9.5	35		51						
168	429		31	5.5	25		49						
169	430		31	7.0	33		51						
170	431		21	9.0	33		19						
171	432		30	7.0	33		33						
172	433		23	3.0	14		25						
173	434		23	2.0	10		33						
174	435		23	2.5	12		25						
175	436		13	5.5	25		27						
176	437		18	4.5	22		28						
177	438		15	1.5	8		28						
178	439		16	0.5	3		25						
179	440		21	2.5	12		27						
180	441		16	3.5	16		22						
181	442		15	5.5	25		23						
182	443		15	1.0	5		23						
183	444		15	1.0	5		25						
184	B.WALSH 113		28	2.0	10		168						
185	114		74	2.5	12		54						
186	115		55	2.5	12	x	330						
187	116		100	6.0	28		48						
188	GOSSAN→116A		8	1.5	8	x	360						
189	117		84	3.5	16	x	290						
190	118		76	N.D.	N.D.		90						
191	119		58	3.5	16		220						
192	120		72	2.0	10		147						
193	121		67	3.5	16		133						
194	122		46	4.0	19	x	340						
195	123		52	4.5	22		126						
196	124		42	4.5	22		82						
197	125		58	4.0	19		238						
198	126		65	3.0	14	x	250						
199	127		52	2.5	12		138						
200	128		35	5.5	25		107						

SO

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-HO-28 — Weight of Sample 0.200 gm

From HESS - OEX — Extraction Hot HCl

Tested For Cu, Pb, Zn — Volume Used 5 ml.

Date July 22/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
201	B. WADEH 129	1	18	8.5	40		69						
202	130		34	3.0	14		181						
203	131		28	8.0	38	x	250						
204	132	38	21	5.0	23		105						
205	133	21	31	7.0	33		53						
206	134	31	33	8.5	40		57						
207	135	35		6.5	30		42						
208	136		28	4.5	22		63						
209	137		34	4.5	22		52						
210	138		30	8.0	38		71						
211	139		28	5.0	23		69						
212	140		28	5.0	23		66						
213	141		38	4.5	22		109						
214	142		38	7.0	33		109						
215	143		31	9.0	43		92						
216	144		84	5.0	23	x	290						
217	145		42	6.5	30		138						
218	146		46	4.0	19		121						
219	147		46	8.0	38		138						
220	148		53	4.0	19		201						
221	149		25	2.0	10		102						
222	150		70	3.0	14		160						
223	151		13	7.5	35		49						
224	152		21	4.5	22		30						
225	153		30	5.5	25		38						
226	154		34	5.0	23		34						
227	155		40	5.5	25		53						
228	156		34	11.0	52		57						
229	157		40	9.5	45		54						
230	158		35	5.0	23		33						
231	159		30	7.0	33		47						
232	160		45	6.5	30		48						
233	161		38	4.5	22		51						
234	162		34	7.5	35		40						
235	163		46	6.0	28		49						
236	164		34	6.0	28		62						
237	165		31	7.5	35		49						
238	166		35	10.0	47		62						
239	167		34	3.0	14		57						
240	168		28	5.0	23		56						

80.

(2)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HD-28 Weight of Sample 0.200gm

From HESS-OEX Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used 5 ml.

Date July 22/68 Analyst

silt

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
241	B.WAUGH-169		23	10.0	47		51						
242	170		15	11.5	54		20						
243	S.McLeod-381		10	15.0	71		32						
244	382		28	12.5	59		116						
245	411		35	9.5	45	x	250						
246	412		38	9.5	45	x	360						
247	413		38	8.0	38	x	270						
248	414		38	8.0	38	x	250						
249	415		31	14.5	69	x	300						
250	416		38	11.5	54	x	250						
251	417		23	8.5	40		201						
252	418		38	10.0	47	x	270						
253	419		42	12.0	56	x	340						
254	420		38	11.0	52	x	360						
255	421		40	9.0	43	x	300						
256	422		38	11.0	52	x	250						
257	423		34	7.5	35	x	250						
258	424		52	13.0	61	x	360						
259	425		52	11.0	52	x	340						
260	426		52	8.0	38	x	250						
261	427		65	11.5	54		170						
262	428		144	8.5	40	x	250						
263	~~429~~		63	13.0	61		181						
264	430		25	9.0	43		60						
265	431		34	8.5	38		152						
266	433		30	9.0	43		86						
267	434		23	8.5	38		76						
268	435		30	10.5	50		96						
269	436		21	9.5	45		63						
270	437		31	8.5	38		95						
271	438		25	11.5	54		60						
272	439		28	10.5	50		90						
273	440		40	10.0	47		60						
274	441		28	9.0	43		71						
275	442		42	10.5	50		90						
276	443		45	10.5	50		118						
297	444		34	11.5	54		131						
278	445		30	10.5	50		88						
279	446		23	9.5	43		79						
280	447		31	10.0	47		118						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

50 (8.)

Report Number 68-40-28 — Weight of Sample .2 gram

From HESS OEX — Extraction HOT HCl

Tested For Cu, Pb, Zn — Volume Used 5 ml.

Date July 22/68 — Analyst

Silt

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
281	S. McLeod 448		53	11.5	54		141						
2	9		38	5.0	23		90						
3	450		46	6.5	30		157						
4	1		16	4.5	22		102						
5	2		55	9.0	43		40						
6	3		72	8.0	38		36						
7	4		89	6.0	28		44						
8	5		122	8.5	40		57						
9	6		136	8.0	38		90						
0	7		52	7.0	33		90						
291	8		35	11.5	54		60						
2	9		38	8.0	38		59						
3	460		40	7.5	35		59						
4	1		25	7.0	33		54						
5	2		28	9.0	43		45						
6	3		148	7.5	35		143						
7	4		144	7.5	35		225						
8	5		53	9.0	43	x	690						
9	6		97	8.0	38	x	840						
0	7		53	7.5	35		133						
301	8		52	5.0	23		172						
2	9		46	10.5	50	x	300						
3	470		63	10.5	50	x	360						
4	1		21	13.5	64		53						
5	2		52	10.5	50	x	480						
6	3		63	12.0	56	x	620						
7	4		38	5.0	23	x	490						
8	5		38	11.0	52	x	570						
9	6		35	11.0	52	x	300						
0	7		60	13.0	61		69						
311	8		108	6.5	30		60						
2	9		63	9.5	45		43						
3	480		95	9.0	43	x	250						
4	1		65	9.5	45		219						
5	2		74	12.0	56		86						
6	3		42	11.0	52		71						
7	4		63	9.5	45		222						
8	5		60	8.5	40	x	270						
9	6		35	6.0	28		65						
320	7		45	12.5	59		105						

(S.O) 9.

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-160-28 Weight of Sample ~½ gram

From HESS OEK Extraction HOT HCl

Tested For Cu, Pb, Zn Volume Used 5 ml.

Date July 22/68 Analyst

Silt

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
321	S. McLEOD 488		60	2.5	12		195						
2	9		65	11.5	54	x	300						
3	490		58	9.5	45	x	250						
4	1		34	11.0	52		43						
5	2		45	7.0	33		210						
6	3		28	6.0	28		78						
7	4		58	11.5	54	x	270						
8	5		42	6.5	30		228						
9	6		52	9.0	43		100						
0	7		53	11.5	54		86						
331	8		42	12.0	56		52						
2	9		40	9.5	45		104						
3	0		40	9.5	45		92						
4	501		40	10.5	50		204						
///	///												
	///												

SD

(10)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-28 Weight of Sample 0.200gm

From HESS-DEX Extraction Hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 ml

Date July 22/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
335	P.OEAN-256	18			30		494						
336	T.COATES-29	10			46		72						
337	30	2			60		50						
338	31	N.D			65		8						
339	32	N.D			50		12						
340	33	N.D			60		24						
341	34	20			108		70						
342	35	50			75		156						
343	36	N.D.			55		20						
344	37	N.D.			43		26						
345	38	N.D.			46		18						
346	39	N.D.			46		6						
347	40	N.D.			24		10						
348	41	32			90		84						
349	42	2			37		20						
350	43	N.D.			55		20						
351	44	26			90		90						
352	45	56			70		246						
353	46	18			50		72						
354	47	21			90		48						
355	48		92		37		28						
356	49		4		19		44						
357	50		62		32		190						
358	51	x	2160		60	x	4940						
359	359		4		75		34						
360	360		84		90		146						
361	361		18		85		94						
362	362		4		43		94						
363	363		32		94		168						
364	364		2		50		88						
365	365		2		27		86						
366	366		42		60		96						
367	367		18		24		70						
368	368		10		70		120						
369	369		4		32		50						
370	370		30		43		190						
371	371		4		24		16						
372	372		16		43		72						
373	373		2		35		72						
374	374		10		32		80						

5.0

(11)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-28 | Weight of Sample 0.200gm

From HESS - OEX | Extraction Hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 ml.

Date July 23/68 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
375	s.mtead-375		24		19		96						
376	376		16		27		70						
377	377		12		37		96						
378	378		30		27		104						
379	379		70		46	x	500						
380	380		28		37		96						
381	383		36		50	x	500						
382	384		50		117		120						
383	385		26		55		90						
384	386		30		37		108						
385	387		32		37		68						
386	388		46		55		84						
387	389		56		15		124						
388	390		36		104		184						
389	391		20		32		66						
390	392		20		24		66						
391	393		32		32		150						
392	394		46		75		114						
393	395		36		43		108						
394	396		46		50		102						
395	397		32		46		86						
396	398		20		50		68						
397	399		18		50		76						
398	400		62		27		272						
399	401		90		24	x	1680						
400	402		68		32	x	1260						
401	403		62		15		430						
402	404		90		15		374						
403	405		104		32	x	980						
404	406		62		15		194						
405	407		56		32		292						
406	408		80		32		320						
407	409		32		15		252						
408	410		62		32		438						
409	432		36		10		136						
410	E.Arriega-1		46		5		72						
411	2		46		19		84						
412	3		16		19		10						
413	4		56		19		94						
414	5		80		27		344						

5.0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(12)

Report Number 68-HO-28

From HESS - OEX

Tested For Cu, Pb, Zn

Date July 23/68

Soil

Weight of Sample 0.200 gm

Extraction hot aqua regia

Volume Used 10 ml.

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
415	E. ARTIEGA 6		120		15		272	15					
416	7		84		5		232	5					
417	8		76		37		265	37					
418	S. McLEOD 502		76		19		374	19					

S.O

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-31

From Hess OEX

Tested For Cu, Pb, Zn

Date July 25 1968

Soil

Weight of Sample .2 gm

Extraction Aqua Regia

Volume Used 10 ml.

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	TSKONSENG 170		60		N.D		112						
2	1		62		19		126						
3	2		80		32		136						
4	3		84		55		84						
5	4		36		15		60						
6	5		56		32		98						
7	6		194		37		80						
8	7		76		50		84						
9	8		32		42		30						
10	9		180		70		118						
11	180		76		N.D.		104						
12	1		104		75		120						
13	2		30		60		64						
14	3		36		15		98						
15	4		26		43		76						
16	4a		62		27		84						
17	5		110		10		94						
18	5a		80		50		98						
19	8		20		15		6						
20	9		36		10		16						
21	190		26		32		54						
22	1		20		10		46						
23	2		18		27		24						
24	3		26		10		38						
25	4		18		46		64						
26	5		30		19		72						
27	6		36		19		72						
28	7		60		24		138						
29	9		32		25		72						
30	200		42		19		146						
31	1		68		32		120						
32	2		20		19		108						
33	3		30		19		112						
34	4		68		57		164						
35	5		26		24		126						
36	6		42		10		130						
37	7		56		10		114						
38	214		26		32		126						
39	216		32		43		68						
40	217		30		50		106						

S.O

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-HO-31 | Weight of Sample 0.200 gm

From HESS-OEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5ml.

Date July 25/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	T.SKONSN 6 143		34		22		111						
42	144		23		10		79						
43	145		30		22		68						
44	146		31		35		66						
45	147		31		8		79						
46	148		16		N.D.		69						
47	149		42		52		95						
48	150		48		22		81						
49	151		30		10		84						
50	152		23		25		69						
51	153		53		43		73						
52	154		23		N.D		47						
53	155		25		14		66						
54	156		30		52		68						
55	157		28		19		66						
56	158		30		19		62						
57	159		34		22		54						
58	160		40		16		45						
59	161		31		8		81						
60	162		50		54		107						
61	163		28		5		54						
62	164		28		8		73						
63	166		30		47		78						
64	167		42		~~43~~		48						
65	186		28	43	~~52~~		63						
66	187		34	52	~~16~~		52						
67	198		45	16			20						
68	208		97		59		138						
69	209		66		30		84						
70	210		34		43		53						
71	211		65		38		166						
72	212		55		52		175						
73	213		28		64	x	840						
74	215		30		54		170						
75	222		30		52		126						
76	226A		28		52		36						
77	225B		78		14		9						
78	224		25		22		44						
79	225		35		8		40						
80	226		18	17.5	84		32						

S-0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

(3)

GEOCHEMICAL

Report Number 68-HO-31 | Weight of Sample 0.200gm

From HESS-OEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5m/s

Date July 25/68 SILT | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	T.STONSENG 227		15		43		6						
2	228		10		33		12						
3	229		21		35		38						
4	230		13		23		24						
5	231		13		28		25						
6	233		25		35		53						
7	235		18		47		75						
8	P.CLARIDGE 212		21		14		172						
9	213		53		23		150						
90	214		42		30		330						
1	215		70		60		630						
2	216		35		19		116						
3	217		52		33		247						
4	218		63		28		380						
5	219		25		38		219						
6	220		21		33		52						
7	221		31		28		178						
8	222		58		25		66						
9	223		40		33		34						
100	224		34		30		56						
1	225		50		16		141						
2	226		55		19		30						
3	227		45		33		247						
4	228		38		50		30						
5	229		52		52		198						
6	230		93		22		51						
7	231		40		38		198						
8	232		40		30		235						
9	233		42		23		247						
110	234		52		16		53						
1	235		46		33		260						
2	236		35		38		100						
3	237		65		25		45						
4	238		55		28		260						
5	239		55		30		204						
6	240		21		30		45						
7	241		25		28		49						
8	242		25		10		54						
9	243		30		16		95						
120	244		21		19		73						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4) S.O

Report Number 68-HO-31 | Weight of Sample 0.200gm

From HESS-OEX | Extraction Hot HCl

Tested For Cu, Pb, Zn | Volume Used 5mls

Date July 25/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	P.CLAIRIDGE-2		23		25		36						
122	246		16		25		57						
123	247		23		22		57						
124	248		23		16		82						
125	249		16		8		71						
126	250		53		19	x	2010						
127	251		103		19	xx	2500						
128	252		78		19	x	1330						
129	253		74		10	x	2480						
130	254		63		16	x	1580						
131	255		50		16	x	2010						
132	256		42		5	x	1720						
133	259		35		12	x	1570						
134	260		42		8	x	970						
135	261		35		12		118						
136	262		35		12		178						
137	264		45		8	x	260						
138	263		50		19		247						
139	266		56		14	x	650						
140	267		30		22		172						
141	268		40		12	x	450						
142	269		31		10	x	420						
143	270		35		14	x	250						
144	271		45		12	x	280						
145	272		34		8	x	520						
146	274		42		5	x	430						
147	276		38		5		215						
148	277		34		5	x	510						
149	279		34		8		247						
150	283		28		33		157						
151	284		42		28		157						
152	285		30		33		233						
153	286		30		25		247						
154	287		38		12	x	270						
155	288		60		19	x	530						
156	289		50		14	x	380						
157	290		42		23		152						
158	291		42		14		147						
159	292		52		10		264						
160	P.CLAIRIDGE-1		31		16		28						

S.O

(5)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-H6-31 | Weight of Sample 0.2 to 0.8 gm

From HESS-OEX | Extraction Hot HCl

Tested For Cu, Pb, Zn | Volume Used 5 mls.

Date July 25/68 | Analyst

SILT

SAMPLE NUMBER		Cu.	PPM	Pb.	PPM	Zn.	PPM		PPM		PPM		PPM
OURS	YOURS												
161	T.CHARLIE - 2		23		19		23						
162	3		18		14		22						
163	4		16		~~15~~ 12		17						
164	5		16		16		24						
165	6		18		14		27						
166	7		25		8		15						
167	8		23		10		25						
168	9		16		16		15						
169	10		18		8		18						
170	11		16		5		30						
171	12		18		8		23						
172	13		30		16		36						
173	14		23		12		22						
174	15		23		19		9						
175	16		16		19		14						
176	17		10		5		8						
177	18		25		10		19						
178	19		30		19		27						
179	20		28		10		123						
180	21		53		14		184						
181	22		72		33		193						
182	23		42		25	x	510						
183	24		46		12	x	660						
184	25		87		38	x	930						
185	26		78		19	x	860						
186	27		55		10	x	760						
187	28		84		12		204						
188	29		55		22	x	400						
189	30		58		5	x	490						
190	31		68		13	x	600						
191	32		53		22	x	780						
192	33		65		10	x	530						
193	34		55		10	x	1410						
194	35		52		22	x	630						
195	36		42		16	x	540						
196	37		42		8	x	450						
197	38		46		19	x	630						
198	T.CHARLIE - 1		28		16		20						
199	2		30		14		18						
200	3		16		16		13						

5.6

(6)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-31 | Weight of Sample 0.200gm

From HESS-OEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5ml.

Date July 25/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
201	T.CHARLIE 4		23		10		45						
202	5		18		10		36						
203	6		25		16		57						
204	7		52		19		79						
205	8		46		16		48						
206	9		38		23		47						
207	10		42		16		45						
208	11		50		23		36						
209	13		38		23		38						
210	14		40		25		44						
211	15		38		14		36						
212	16		35		14		40						
213	17		34		12		47						
214	18		35		16		38						
215	19		53		28		48						
216	20		32		16		49						
217	21		35		22		44						
218	22		31		14		43						
219	23		40		14		44						
220	24		40		23		44						
221	26		34		12		29						
222	27		30		10		23						
223	28		25		10		27						
224	29		45		28		36						
225	30		35		12		36						
226	31		38		22		40						
227	33		89		33	x	340						
228	34		52		16	x	1230						
229	35		31		8	x	620						
230	36		72		23	x	2470						
231	P.CLARIDGE 265		40		22	x	930						
232	256		50		25	x	2330						
233	257		50		33	x	320						
234	273		60		28	x	330						
235	275		50		30	x	530						
236	278		50		23	x	450						
237	280		55		23	x	430						
238	281		38		22	x	400						
239	282		35		25	x	250						
240	K.HEINENEN 130		23		23		17						

S-0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

7,

Report Number 68-MO-31 | Weight of Sample .2 gm

From HESS OEX | Extraction Hot Aqua Regia

Tested For Cu Pb Zn | Volume Used 10 ml.

Date July 25 1968 | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
241	T.Stevens 218		206		37		64						
2	219		92		15		108						
3	220		80		112		126						
4	221		62		70		104						
5	223		60		19		150						
6	232		56		27		142						
7	234		46		37		54						
8	236		60		24		94						
9	237		62		32		64						
0	238		70		60		120						
251	239		110		43		162						
2	240		116		46		104						
3	241		126		24		44						
4	242		106		24		132						
5	243		76		27		90						
6	* 165		42		27		36						
7	T.Coates 52		140		15	x	720						
8	53		178		24		276						
9	54		174		10		840						
0	55		426		15		12,000						
261	K.Hewerdan 129		70		19		408						
2	131		62		10		94						
3	B. Waugh 193		80		15		94						
4	196		216		24		46						
5	198		50		10		34						
6	199		46		19		26						
7	202		36		19		56						
8	?? E. Aerie 6A 6		20		15		46						
9	7		90		37		108						

S-0

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(8)

Report Number 68-HO-31 | Weight of Sample 0.200 gm

From HESS-OEY | Extraction Hot HCl

Tested For Cu, Pb, Zn | Volume Used 5m/s

Date July 28-68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
281	T. CHARLIE-37		50		23		x 900						
282	38		55		16		x 1210						
283	39		84		23		x 810						
284	40		65		40		x 970						
285	41		55		23		x 1160						
286	42		53		16		x 1040						
287	43		55		23		x 1660						
288	44		72		33		x 1550						
289	45		40		25		x 780						
290	46		70		25		x 1660						
291	47		53		33		x 1260						
292	48		50		25		x 187						
293	49		53		30		x 1330						
294	50		76		35		xx 3000						
295	51		50		28		x 1000						
296	B. WAUGH-191		203		38		x 330						
297	192		78		50	116	~~1287~~						
298	194		50		52	20	~~140~~						
299	195		28		59	28	~~561~~						
300	197		67		56		13						
301	200		25		40		19						
302	201		31		45		19						
303	203		16		56		13						
304	204		21		47		28						
305	205		30		54		28						
306	206		118		42		97						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HO-32 Weight of Sample 0.200 gm

From HESS-OEX Extraction HNO3 HCl

Tested For Cu, Pb, Zn Volume Used 5 ml

Date July 29/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	P.DEAN-286		15		19	81	~~167~~						
2	287		34		14	82	~~164~~						
3	288		36		56	242	~~494~~						
4	289		34		33	245	~~490~~						
5	290		8		N.D	36	~~72~~						
6	291		5		14		76						
7	292		35		16		69						
8	293		8		16		71						
9	294		28		.19		187						
10	295		15		19		128						
11	I.SKONSENG-270		74		35		69						
12	272		105		35		42						
13	273	x	310		47		66						
14	274		248		28		75						
15	275		21		43		75						
16	276		28		19		48						
17	277		65		52		97						
18	B.WARGA-171		25		10		123						
19	172		23		5		131						
20	173		42		16		92						
21	174		31		5		97						
22	175		31		8		141						
23	176		52		14		190						
24	177		45		19		128						
25	178		31		10		95						
26	179		15		12		71						
27	180		21		14		93						
28	181		31		16		97						
29	182		35		8		104						
30	183		25		22		88						
31	184		28		16		60						
32	185		23		23		102						
33	186		23		8		86						
34	187		34		12		97						
35	188		28		12		92						
36	189		23		10		84						
37	190		30		10		93						
38	207		42		8		225						
39	208		31		3		68						
40	209		35		5		126						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-40-32 Weight of Sample 0.200gm

From HESS-DEX Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used 5ml

Date July 27/68 Analyst SLT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	BLANKH-210		65		25		201						
42	211		35		16		181						
43	212		23		12		97						
44	213		30		19		114						
45	214		46		22		152						
46	215		46		25		187						
47	216		31		16		166						
48	217		50		8		184						
49	218		42		19		157						
50	219		40		16		166						
51	220		55		12		245						
52	221		58		19	x	250						
53	222		110		19	x	340						
54	223		67		16	x	380						
55	224		52		19	x	250						
56	225		67		16	x	340						
57	226		93		14	x	360						
58	227		70		16	x	290						
59	228		72		14	x	300						
60	T.CHARLIE-52		127		10	x	1600						
61	53		127		19		210						
62	54		103		30	x	250						
63	55		42		19	x	290						
64	56		63		25	x	380						
65	57		89		14		215						
66	58		50		19		147						
67	59		76		23		126						
68	60		58		10		195						
69	61		38		14		168						
70	62		52		14		170						
71	63		42		12		155						
72	MLADVE-380		48		25		68						
73	381		48		25		66						
74	382		34		28		66						
75	383		46		28		71						
76	384		42		30		68						
77	385		25		12		45						
78	386		52		22		69						
79	387		15		8		75						
80	388		23		25		78						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68-HO-32 — Weight of Sample 0.200 gm

From HESS-05X — Extraction hot HCl

Tested For Cu, Pb, Zn — Volume Used 5 m/s

Date July 27/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	M.LADUKE 389		45		54		48						
82	390		16		23		22						
83	391		34		35		36						
84	392		21		35		73						
85	393		25		30		25						
86	394		23		25		43						
87	395		16		40		35						
88	396		21		45		59						
89	397		25		30		36						
90	398 ~~399~~		23		59		53						
1	~~400~~ 399		13		28		15						
2	400		16		28		25						
3	401		15		28		24						
4	402		13		19		30						
5	403		16		16		25						
6	404		9		38		20						
7	405		16		25		22						
8	406		16		22		20						
9	407		21		40		22						
100	408		28		22		19						
1	409		18		25		18						
2	410		23		47		17						
3	411		16		38		15						
4	412		23		33		17						
5	413		18		14		22						
6	414		18		25		29						
7	415		16		28		29						
8	416		21		19		18						
9	417		10		40		29						
110	418		16		45		34						
1	419		15		43		28						
2	420		10		33		15						
3	421		8		52		27						
4	422		31		33		17						
5	423		13		28		28						
6	424		8		43		14						
7	425		8		59		13						
8	426		9		28		22						
9	427		5		25		4						
120	428		53		56		44						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-140-32 — Weight of Sample

From HESS - OEX — Extraction

Tested For Cu, Pb, Zn — Volume Used

Date July 27/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	M.LADLE 429		16		23		88						
2	430		15		45		79						
3	431		16		50		157						
4	432		16	17.5	84		228						
5	433		45	16.0 x	750	x	360						
6	434		15		54		75						
7	435		15		40		163						
8	436		127		16		19						
9	437		74		22		34						
130	438		65		25		35						
1	439		13		25		97						
2	440		5		19		20						
3	441		5		35		24						
4	442		5		28		15						
5	443		5		22		27						
6	444		2		19		24						
7	445		N.D		33		15						
8	446		1		30		14						
9	447		8		28		17						
140	448		1		19		22						
1	449		8		25		24						
2	450		2		33		22						
3	451		5		28		47						
4	452		9		23		36						
5	453		9		14		35						
6	454		2		14		25						
7	455		9		22		44						
8	456		2		22		51						
9	457		5		14		69						
150	458		5		23		63						
1	459		9		16		93						
2	460		8		19		118						
3	461		16		30		68						
4	462		5		16		13						
5	463		28		8		18						
6	464		5		23		22						
7	465		8		23		22						
8	466		45	26.0			52						
9	467		5		19		29						
160	468		15		52		44						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-110-32 Weight of Sample 0.200 gm

From HESS-OEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 m/s.

Date July 27/69 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
161	M.LADUE 469		25		19		24						
2	470		21		22		12						
3	471		18		22		27						
4	472		23		22		28						
5	473		15		5		28						
6	474		10		5		23						
7	475		16		25		24						
8	476		23		14		34						
9	477		15		14		36						
170	478		15		14		34						
1	479		16		30		24						
2	480		18		5		30						
3	F.CHARLIE 39		60		19		x 920						
4	40		40		14		247						
5	41		23		5		121						
6	42		18		5		109						
7	43		25		23		184						
8	44		28		23		157						
9	45		28		16		92						
180	46		30		14		88						
1	47		30		23		51						
2	48		25		19		79						
3	49		15		14		109						
4	50		16		5		141						
5	51		13		28		x 480						
6	52		16		14		90						
7	53		21		25		x 680						
8	54		13		8		x 880						
9	55		28		14		238						
190	56		8		10		175						
1	57		10		19		175						
2	58		15		16		163						
3	59		9		5		138						
4	60		9		16		141						
5	61		10		28		187						
6	62		10		19		166						
7	T.SKONSEN 626		30		14		10						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-40-32 Weight of Sample 0.200 gm

From HESS - OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 ml/s

Date July 27/68 Analyst

Soils

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
198	T-SKONSENG 263		152		46		102						
199	264		80		46		54						
200	265		106		70		72						
201	267		180		310		124						
202	268		104		75		58						
203	269		76		32		40						
204	271		104		90		60						
205	278		120		32		70						
206	X		120		24		58						
207	Y		42		43		38						
208	Z		84		50		56						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

50

Report Number 68-HO-34 — Weight of Sample 0.200 gm

From HESS-OEX — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 m/s.

Date Aug 7/68 — Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
108	A. CHARLIE 1		68		N.D.		94						
109	2		36		24		86						
120	3		42		27		98						
1	4		26		19		68						
2	5		36		27		98						
3	6		42		46		104						
4	7		42		37		98						
5	8		46		10		70						
6	9		30		15		54						
7	10		42		24		130						
8	11		16		19		90						
9	12		36		27		102						
130	13		16		27		94						
1	14		42		37		96						
2	15		18		5		58						
3	16		26		27		76						
4	17		36		43		136						
5	18		20		37		114						
6	19		18		15		94						
7	23		30		37		210						
8	(A) 23		42		37		236						
9	25		50		27		176						
140	29		62		43		152						
1	30		36		27		344						
2	32		46		50		54						
3	36		50		37		118						
4	39 ~~43~~		26		10		58						
5	43 ~~44~~		46		N.D.		58						
6	44 ~~45~~		20		19		72						
7	45 ~~46~~		80		60		136						
8	46 ~~47~~		30		10		72						
9	48 ~~49~~		36		46		72						
150	49 ~~57~~		32		24		80						
1	57		56		32		96						
2	65		46		15		96						
3	66		84		19		94						
4	70		26		24		60						
5	79		32		46		124						
6	K. HEINEN 136		50		10		34						
7	R. RETZEL 488		50		19		184						

ATLAS EXPLORATIONS LIMITED

80

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-34 Weight of Sample 0.200gm

From HESS-OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10ml's

Date Aug 7/68 Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
158	T.SKONSENG 279		68		19		54						
159	280		46		24		88						
160	281		46		19		54						
161	282		56		32		68						
162	G.SANFORD 100		42		19		304						
163	101		36		32		344						
164	102		10		5		94						
165	103		10		19		80						
166	104		16		19		54						
167	105		10		10		84						
168	106		26		5		76						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 Weight of Sample .2 GRM.

From HESS PROD (LAD GROUP) Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn Volume Used 10 ml.

Date August 8/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1.	BL 1300E		50		19		208						
2	1400E		36		37		208						
3	1500E		30		10		142						
4	1600E		46		46		204						
5	1700E		36		15		148						
6	1800E		116		37		148						
7	1900E		104		43		120						
8	2300E		36		27		90						
9	2400E		46		60		194						
10	2500E		60		95		252						
11	2600E		56		70		210						
12	3100E		36		37		108						
13	3200E		30		24		70						
14	3300E		50		65		262						
15'	3400E		50		60		232						
16	3500E		46		55		256						
17	3600E		46		75		256						
18	3700E		36		80		158						
19	3800E		32		37		72						
20	3900E		42		46		106						
21	4000E		36	75	~~56~~		104						
22	4100E		42	60	~~46~~		118						
23	4200E		32	~~87~~	~~24~~		72						
24	4400E		4	37	~~75~~		10						
25'	4500E		4	27	~~56~~		10						
26	4600E		16	19	~~60~~		56						
27	4700E		20	24	~~108~~		98						
28	4800E		20	24	~~94~~		60						
29	4900E		36	24	~~43~~		94						
30	5000E	36	~~72~~	32	~~75~~		94						
31	5200E	32	~~48~~		19		80						
32	5300E	18	~~18~~		32		54						
33	5400E	16	~~18~~		46		70						
34	5500E	18	~~32~~		43		50						
35	5600E	32	~~18~~		37		76						
36	5700E	18	~~30~~		19		68						
37	5800E	30	~~20~~		55		72						
38	5900E	20			50		96						
39	6000E		20		65		98						
40	6100E		20		24		64						

50

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-HL-37 — Weight of Sample 0.200gm

From HESS - PROP (LAD) — Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn, — Volume Used 10m/s

Date Aug. 8/68 — Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	BL. 6200E		18		24		68						
42	6300E		42		19		114						
43	6400E		30		43		98						
44	6500E		46		50		124						
45	6600E		56		37		108						
46	6700E		42		19		94						
47	6800E		36		24		98						
48	6900E		36		24		102						
49	7000E		50		43		142						
50	7100E		26		37		94						
51	7200E		42		19		70						
52	7300E		36		19		60						
53	7400E		18		19		54						
54	7500E		50	28.5	270		164						
55	7600E		20		24		46						
56	7700E		32		32		68						
57	7800E		32		19		64						
58	7900E		20		19		26						
59	8000E		36		27		72						
60	L.OE. 100S		130		15		286						
61	200S		90		60		460						
62	300S		178		58		120						
63	400S		36		43		120						
64	(A) 400S		42		65		118						
65	500S		46		65		108						
66	600S		56		27		108						
67	700S		60		24		64						
68	800S		216		24		218						
69	900S		224		43		210						
70	1000S		174		32	x	520						
71	1100S		148		32	x	500						
72	1200S		284		15	x	600						
73	1300S		312		60	x	720						
74	1400S		216		37		272						
75	1500S		210		15		266						
76	1600S		140		15		126						
77	1700S		148		19		126						
78	1800S		46		47		126						
79	1900S		50		70		104						
80	2000S		90		50		112						

5d

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68-HL-37 | Weight of Sample 0.200gm

From HESS PROP (GRID) | Extraction Hot Aqua Regia

Tested For Cu, Pb, Zn | Volume Used 10 mls.

Date August 8/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	L.0E - 2100S		200		310		96						
82	2200S		18		24		28						
83	2300S		10		24		46						
84	2400S		56		75		106						
85	2500S		46		70		104						
86	2600S		30		85		98						
87	2700S		30		65		68						
88	2800S		30		65		50						
89	2900S		4		50		26						
90	3000S		16		46		46						
91	3100S		16		46		24						
92	3200S		26		46		46						
93	3300S		10		46		16						
94	3400S		16		46		18						
95	3500S		32		70		70						
96	3600S		10		46		26						
97	3700S		16		43		50						
98	3800S		16		43		50						
99	3900S		4		43		10						
100	4000S		2		27		24						
101	4100S		2		50		24						
102	4200S		2		27		26						
103	4300S		36		24		72						
104	4500S		10		43		26						
105	4600S		4		27		16						
106	4700S		16		37		12						
107	4800S		16		19		24						
108	4900S		20		19		68						
109	5000S		18		24		70						
110	5100S		16		27		88						
111	5200S		18		32		76						
112	5300S		16		19		36						
113	5400S		16		19		68						
114	L.0 - 1+00N		18		19		64						
115	2+00N		32		19		218						
116	3+00N		20		19		70						
117	4+00N		18		19		48						
118	5+00N		18		32		68						
119	7+00N		20		27		84						
120	8+00N		68		43		44						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HL-37 Weight of Sample 0.200gm

From HESS PROP (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 8/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	L.0 - 9+00N		80		60		76						
122	10+00N		20		46		54						
123	11+00N		46		15		38						
124	12+00N		32		27		26						
125	14+00N		36		27		58						
126	15+00N		36		27		36						
127	16+00N		36		43		60						
128	17+00N		50		32		56						
129	18+00N		36		27		64						
130	19+00N		32		37		36						
131	20+00N		20		15		20						
132	21+00N		50		15		44						
133	22+00N		26		37		64						
134	23+00N		50		37		68						
135	24+00N		36		27		48						
136	25+00N		18		55		76						
137	26+00N		46		46		86						
138	27+00N		90		195		282						
139	28+00N		56		37		80						
140	29+00N		42		27		50						
141	30+00N		70		65		158						
142	31+00N		80		24		90						
143	32+00N		68		29		96						
144	33+00N		60		43		142						
145	34+00N		68		43		96						
146	35+00N		42		46		86						
147	36+00N		62		70		80						
148	37+00N		50		43		142						
149	38+00N		62		50		76						
150	39+00N		46		24		60						
151	40+00N		42		32		86						
152	L8E 31+00S		30		32		88						
153	32+00S		26		37		98						
154	(A) 32+00S		60		24		76						
155	33+00S		30		24		30						
156	34+00S		50		24		76						
157	35+00S		46		19		76						
158	36+00S		50		24		72						
159	40+00S		56		19		204						
160	41+00S		42		19		184						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-HL-37 Weight of Sample 0.200gm

From HESS PROP (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 9/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
161	L8E-100S		32		24		72						
2	200S		32		37		86						
3	300S		106		50		150						
4	400S		62		27		102						
5	500S		320		94		168						
6	600S		120		37		126						
7	700S		120		43		130						
8	800S		243		32		130						
9	900S		296		46		98						
170	1000S		278		24		108						
1	1100S		178		19		120						
2	1200S		206		37		150						
3	1300S		194		19		102						
4	1400S		174		24		102						
5	1500S		80		19		84						
6	1600S		106		19		120						
7	1700S		30		24		44						
8	1800S		30		19		58						
9	1900S		30		15		64						
180	2000S		84		55		114						
1	2100S		56		27		90						
2	2200S		36		10		54						
3	(A) 2200S		36		10		94						
4	2300S		26		15		66						
5	2400S		36		24		64						
6	2500S		30		43		64						
7	2600S		96		19		84						
8	2700S		96		19		108						
9	2800S		60		19		68						
190	2900S		56		27		112						
1	3000S		56		24		96						
2	4200S		56		10		142						
3	4300S		50		37		242						
4	4400S		30		24		50						
5	4500S		30		15		76						
6	4600S		20		15		16						
7	4700S		30		15		2						
8	4900S		36		15		64						
9	5000S		20		10		34						
200	5100S		32		15		24						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-HL-37 Weight of Sample 0.200 gm

From HESS PROP (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 9/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
201	L 8E-50S		16		19		42						
2	52+00S		16		19		94						
3	54+00S		26		32		88						
4	55+00S		10		19		16						
5	L 8 - 100N		84		19		200						
6	200N		26		19		90						
7	300N		20		27		76						
8	400N		16		24		44						
9	500N		4		24		48						
210	600N		30		27		68						
1	700N		16		19		48						
2	800N		20		70		114						
3	9+00N		30		50		102						
4	10+00N		60		46		136						
5	11+00N		20		43		40						
6	12+00N		76		80		168						
7	13+00N		68		46		126						
8	14+00N		76		50		146						
9	15+00N		56		43		146						
220	16+00N		42		37		88						
1	17+00N		56		19		96						
2	18+00N		46		27		84						
3	19+00N		50		27		84						
4	20+00N		50		37		138						
5	21+00N		56		50		104						
6	22+00N		104		50		96						
7	23+00N		30		24		108	118					
8	24+00N		42		65		222	222					
9	25+00N		50		43		104						
230	26+00N		56		24		108						
1	27+00N		56		70		176						
2	28+00N		70		55		176						
3	29+00N		36		15		84						
4	30+00N		56		32		120						
5	31+00N		56		19		136						
6	32+00N		50		50		130						
7	33+00N		70		55		200						
8	34+00N		46		58		164						
9	35+00N		32		75		120						
240	37+00N		36		32		108						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HL-37 — Weight of Sample 0.200gm

From HESS PROP (LAD) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 mls

Date August 9/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
241	L8-38+00N		26		37		108						
2	39+00N		42		37		108						
3	40+00N		46		24		80						
4	L48E-2005		36		27		120						
5	300S		30		46		120						
6	400S		36		70		142						
7	500S		16		24		46						
8	600S		32		19		102						
9	700S		46		70		494						
250	800S		32		137		450						
1	900S		60		46		256						
2	1100S		46		65		184						
3	1200S		30		55		138						
4	1300S		20		37		46						
5	1400S		42		37		90						
6	1500S		32		60		72						
7	1600S		156		10		94						
8	1700S	?	32		10		80						
9	(A)1700S	?	152		43		96						
260	1800S		126		46		72						
1	1900S		92		24		98						
2	2000S		84		10		84						
3	2100S		16		10		8						
4	2200S		16		19		16						
5	2300S		32		37		98						
6	2400S		46		37		124						
7	2500S		80		150		252						
8	2600S		32		46		90						
9	2700S		42		24		76						
270	2800S		42		32		84						
1	2900S		42		37		80						
2	3000S		32		19		40						
3	3200S		56		112		208						
4	3300S		32		485		108						
5	3400S		26		32		60						
6	(A)3400S		30		460		80						
7	3500S		30		43		10						
8	3600S		30		24		10						
9	3700S		36		55		66						
280	3800S		32		50		102						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(8)

Report Number 68-HL-37 Weight of Sample 0.2 gm

From HESS PROP (AD) Extraction Aqua Regia

Tested For Cu, Pb, Zn Volume Used 10 ml

Date August 9/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
2 81	L.48E-3700S		16		46		~~[illegible]~~	40					
2	4100S		30		65		~~[illegible]~~	76					
3	4200S		16		60		~~[illegible]~~	58					
4	4300S		30		60		~~[illegible]~~	60					
5	4400S		18		55		~~[illegible]~~	56					
6	4500S		32		94		~~[illegible]~~	88					
7	4600S		18		46		~~[illegible]~~	84					
8	4700S		26		46		~~[illegible]~~	68					
9	4800S		32		55		~~[illegible]~~	70					
2 90	4900S		16		90		~~[illegible]~~	60					
1	5000S		30		108		96						
2	5100S		26		46		56						
3	5200S		26		108		108						
4	5300S		20		65		84						
5	5400S		36		100		94						
6	5500S		20		70		88						
7	8+00S		60		65		386						
8	L40E-1400S		20		10		2						
9	200S		16		10		10						
300	300S		16		15		6						
1	400S		50		55		214						
2	500S		46		43		444						
3	600S		30		24		152						
4	800S		42		19		58						
5	900S		52		32		88						
6	1000S		70		32		84						
7	1100S		16		15		30						
8	1200S		68		19		108						
9	1300S		60		27		150						
310	1400S		20		19		36						
1	1500S		30		93		30						
2	1600S		18		10		10						
3	1700S		30		43		36						
4	1800S		16		46		28						
5	1900S		20		46		8						
6	2000S		36		37		56						
7	2100S		42		37		72						
8	2200S		60		156		112						
9	2300S		84		85		90						
320	2400S		76		180		184						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(9)

Report Number 68-HL-37 — Weight of Sample 0.200gm

From HESS PROP (LAD) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 mls

Date August 9/68 — Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
321	L.40E-25+00S		56		450	x	540						
2	26+00S		60		270		460						
3	27+00S		100	290	275	x	600						
4	29+00S		16		19		16						
5	30+00S		36		90		120						
6	31+00S		42		55		200						
7	32+00S		26		43		282						
8	33+00S		20		94		120						
9	34+00S		56		162		408						
330	35+00S		46		43		158						
1	36+00S		32		50		34						
2	38+00S		20		80		138						
3	(A) 38+00S		26		46		94						
4	39+00S		36	85	[illegible]		168						
5	40+00S		42		27		162						
6	41+00S		18		32		72						
7	42+00S		30		10		48						
8	43+00S		16		24		16						
9	44+00S		16		19		10						
340	45+00S		18		10		10						
1	46+00S		10		N.D.		16						
2	47+00S		42		108		190						
3	48+00S		50		95		172						
4	49+00S		10		24		18						
5	50+00S		10		15		12						
6	51+00S		10		10		16						
7	52+00S		10		15		16						
8	53+00S		10		19		10						
9	54+00S		16		27		66						
350	55+00S		42		19		44						
1	L.56E-1+00S		46		27		98						
2	2+00S		30		10		48						
3	3+00S		26		10		64						
4	6+00S		18		19		16						
5	7+00S		16		15		44						
6	8+00S		16		5		44						
7	9+00S		16		15		28						
8	10+00S		32		19		70						
9	11+00S		32		121		80						
360	12+00S		46		24		56						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(30)

(10)

Report Number 68-HL-37 — Weight of Sample 0.200gm

From HESS PROPERTIES - LAD — Extraction HOT AQUA REGIA

Tested For Ca, Pb, Zn — Volume Used 10m/s

Date AUG 10/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Ca	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
361	L.56E 13+00S		50		190		90						
2	14+00S		30		75		72						
3	15+00S		32		60		120						
4	16+00S		18		19		64						
5	17+00S		42		24		156						
6	18+00S		32		43		150						
7	19+00S		42		55		156						
8	20+00S		36		27		168						
9	21+00S		30		75		194						
370	22+00S		30		50		138						
1	23+00S		16		50		28						
2	24+00S		32		65		86						
3	25+00S		68		320		300						
4	27+00S		60	x	1000		164						
5	28+00S		62	x	1270		164						
6	29+00S		18		15		34						
7	30+00S		26		94		162						
8	31+00S		30		15		72						
9	32+00S		30		15		66						
380	33+00S		18		19		58						
1	34+00S		20		27		44						
2	35+00S		16		27		20						
3	36+00S		30		15		142						
4	37+00S		16		19		18						
5	38+00S		16		19		98						
6	40+00S		10		80		18						
7	41+00S		10		46		64						
8	42+00S		26		19		60						
9	43+00S		20		27		72						
390	44+00S		20		19		84						
1	45+00S		30		156		90						
2	46+00S		20		46		56						
3	47+00S		20		19		34						
4	48+00S		36		75		112						
5	49+00S		26		200		98						
6	50+00S		26		232		120						
7	51+00S		26		85		98						
8	52+00S		26		60		88						
9	53+00S		18		100		190						
400	54+00S		36		32		172						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(11) 369

Report Number 68-HL-37 Weight of Sample 0.200gm

From HESS PROP (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 10/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
401	2.64E-2 TODS		16		15		24						
2	3 TODS		10		15		30						
3	4 TODS		46		90		130						
4	5 TODS		18		70		64						
5	6 TODS		30		65		112						
6	7 TODS		30		55		72						
7	8 TODS		26		15		34						
8	9 TODS		26		32		98						
9	10 TODS		26		32		86						
410	11 TODS		36		27		76						
1	12 TODS		20		19		90						
2	13 TODS		76	420	415		168						
3	14 TODS		20		10		56						
4	15 TODS		26		24		94						
5	16 TODS		26		15		72						
6	17 TODS		20		15		30						
7	18 TODS		26		15		86						
8	19 TODS		18		15		70						
9	20 TODS		20		43		114						
420	21 TODS		56		19		36						
1	22 TODS		60		37		114						
2	23 TODS		70		325	x	3400						
3	24 TODS		16		15		28						
4	25 TODS		60		46		60						
5	26 TODS		60		70		162						
6	27 TODS		46		60		126						
7	28 TODS		18		15		18						
8	29 TODS		18		15		30						
9	30 TODS		18		27		80						
430	31 TODS		20		24		86						
1	32 TODS		68		94		356						
2	33 TODS		56		94		386						
3	34 TODS		56		104		332						
4	35 TODS		60		94		156						
5	36 TODS		50	94	XXX		156						
6	37 TODS		30		24		48						
7	38 TODS		20		27		48						
8	39 TODS		20		19		36						
9	40 TODS		20		19		44						
440	41 TODS		16		19		40						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 Weight of Sample 0.2 gm

From HESS PROP (LAD) Extraction Hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 15/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
441	L.64E-42+00S		32		19		28						
2	43+00S		30		5		38						
3	44+00S		30		N.D.		48						
4	45+00S		30		15		56						
5	46+00S		26		24		64						
6	(A)46+00S		46		24		76						
7	47+00S		60		232		232						
8	48+00S		46		195		190						
9	50+00S		36		295		194						
450	51+00S		50		320		132						
1	52+00S		42	100	~~84~~		104						
2	53+00S		36	32	~~74~~		98						
3	54+00S		26	55	~~70~~		68						
4	55+00S		36	19	~~74~~		66						
5	1.32-1+00S		26	19	~~61~~		36						
6	3+00S		26	19	~~74~~		88						
7	4+00S		36	60	~~[illegible]~~		246						
8	5+00S		20	19	~~41~~		10						
9	6+00S		26	19	~~47~~		16						
460	7+00S		16	19	~~57~~		20						
1	8+00S		~~32~~	37	~~75~~		54						
2	9+00S		60	70	~~101~~		208						
3	10+00S		60		43		180						
4	11+00S		46		32		126						
5	12+00S		50		32		98						
6	13+00S		30		32		88						
7	14+00S		36		94		136						
8	15+00S		42		75		72						
9	16+00S		26		19		12						
470	17+00S		20		75		130						
1	18+00S		16		32		16						
2	19+00S		16		5		26						
3	20+00S		16		10		10						
4	21+00S		32		80		120						
5	22+00S		46		~~80~~		162						
6	23+00S		26	43	~~80~~		108						
7	24+00S		36		80		152						
8	25+00S		46		85		168						
9	26+00S		32		80		64						
480	27+00S		16		24		10						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

50
13

Report Number 68-HL-37 Weight of Sample 0.2 gm

From HESS PROP (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 18/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
481	L.32-28+00S		4		37		28						
2	29+00S		16		27		16						
3	30+00S		10		19		20						
4	31+00S		46		27		46						
5	32+00S		56		112		126						
6	33+00S		80		50		124						
7	34+00S		50		112		112						
8	35+00S		90		75		118						
9	36+00S		42		55		108						
490	37+00S		60		19		94						
1	38+00S		20		5		6						
2	39+00S		36		43		102						
3	41+00S		50		100		136						
4	42+00S		16		19		2						
5	44+00S		16		37		10						
6	45+00S		18		19		86						
7	46+00S		16		N.D.		34						
8	47+00S		10		24		10						
9	48+00S		16		10		26						
500	49+00S		16		27		6						
1	50+00S		20		65		88						
2	51+00S		16		24		20						
3	52+00S		18		24		40						
4	53+00S		46		90		108						
5	54+00S		30		60		56						
6	55+00S		36		37		72						
7	2+00S		36		37		168						
8	L.24E-1+00S		20		80		152						
9	2+00S		26		55		98						
510	3+00S		46		50		102						
1	4+00S		42		19		96						
2	5+00S		18		19		44						
3	6+00S		30		50		98						
4	7+00S		18		24		50						
5	8+00S		46		100		158						
6	9+00S		30		27		76						
7	10+00S		76		94		184						
8	11+00S		104		117		336						
9	12+00S		36		65		108						
520	13+00S		36		27		86						

(80)

(14)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-ML-37 Weight of Sample 0.200gm

From HESS PROPERTIES (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 10 '68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
521	L.24E-1400S		26	1	24		56						
2	1500S		100		112		294						
3	1600S		56		205		162						
4	1700S		42	27	~~27~~		84						
5	1800S		26	27	~~43~~		46						
6	1900S		30	47	~~24~~		54						
7	2000S		4	24			18						
8	2100S		20		32		8						
9	2400S		92		80		180						
530	2500S		50		94		114						
1	2600S		36		32		132						
2	2700S		20		32		46						
3	2800S		42		100		152						
4	2900S		56		85		232						
5	3000S		56		60		190						
6	3100S		60		55		168						
7	3200S		76		90		232						
8	3300S		46		80		214						
9	3500S		36		50		126						
540	3600S		20		55		84						
1	3700S		32		24		114						
2	3800S		60		50		132						
3	3900S		56		60		142						
4	4000S		50		43		108						
5	4100S		36		32		90						
6	4200S		36		27		108						
7	4300S		20		27		20						
8	4400S		36		55		104						
9	4500S		50		27		88						
550	4600S		32		43		132						
1	4800S		32		55		90						
2	4900S		18		10		26						
3	5000S		30		55		120						
4	5100S		46		90		120						
5	5200S		36		55		96						
6	5300S		42		94		124						
7	5400S		32		55		88						
8	5500S		26		46		88						
9	L.24-1400N		62		90		210						
560	2400N		68		55		88						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 Weight of Sample 0.200gm

From HESS PROPERTIES - LAD Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10mls

Date August 10 2012 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
561	L24-3+00N		18		104		70						
2	4+00N		42		112		96						
3	5+00N		36		70		120						
4	6+00N		30		80		138						
5	7+00N		36		80		176						
6	8+00N		42		60		216						
7	9+00N		46		75		162						
8	10+00N		32		85		168						
9	11+00N		64		90		252						
570	* 12+00N		NO	SAMPLE									
1	13+00N		18		46		28						
2	14+00N		16		46		68						
3	15+00N		16		24		40						
4	16+00N		20		37		64						
5	19+00N		16		55		50						
6	20+00N		68		85		252						
7	21+00N		30		65		194						
8	23+00N		18		50		56						
9	24+00N		20		37		30						
580	25+00N		26		27		26						
1	26+00N		20		43		46						
2	27+00N		18		37		26						
3	28+00N		16		37		N.D.						
4	29+00N		18		43		20						
5	30+00N		32		55		88						
6	31+00N		50		55		16						
7	32+00N		16		50		26						
8	33+00N		84		70		168						
9	34+00N		30		46		64						
590	35+00N		32		80		44						
1	36+00N		80	x	1950	x	520						
2	37+00N		20		55		34						
3	38+00N		36		108		114						
4	39+00N		20		50		58						
5	L16-2+00S		42		65		26						
6	3+00S		62		150		98						
7	4+00S		56		43		72						
8	5+00S		78		55		124						
9	(A) 5+00S		36		55		108						
600	6+00S		36		24		94						
	* No Sample												

(8.0)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(16)

Report Number 68-HL-37 — Weight of Sample 0.200gm

From HESS-Prop (LAD 6000E) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 m/s

Date Aug 11/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
601	L.16 7+00S		56		27		96						
2	8+00S		32		19		40						
3	9+00S		110		70		194						
4	10+00S		70		43		162						
5	11+00S		50		37		98						
6	12+00S		46		70		114						
7	13+00S		50		90		102						
8	14+00S		36		60		124						
9	16+00S		36		50		76						
610	17+00S		36		46		152						
1	18+00S		18		27		72						
2	19+00S		56		190		460						
3	20+00S		36		112		124						
4	21+00S		32		19		30						
5	22+00S		26		43		72						
6	23+00S		18		19		10						
7	24+00S		46		32		160						
8	25+00S		42		94		184						
9	26+00S		30		55		156						
620	28+00S		46		55		158						
1	29+00S		50		27		150						
2	30+00S		16		27		16						
3	31+00S		50		46		126						
4	32+00S		50		94		126						
5	33+00S		42		95		132						
6	34+00S		32		55		126						
7	35+00S		56		50		98						
8	39+00S		36		43		108						
9	40+00S		68		50		106						
630	41+00S		26		19		90						
1	42+00S		32		32		64						
2	43+00S		50		24		96						
3	44+00S		46		94		186						
4	45+00S		32		43		118						
5	46+00S		50		60		109						
6	47+00S		26		60		106						
7	48+00S		32		90		94						
8	49+00S		26		75		68						
9	50+00S		26		43		86						
64a	51+00S		20		27		54						

(50)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(17)

Report Number 68-HL-31 — Weight of Sample 0.200 gm

From HESS-PROP (LAD GROUP) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 m/s

Date Aug 11/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
~~641~~	L.16 52+00S		18		50		84						
2	53+00S		18		27		102						
3	54+00S		18		27		34						
4	55+00S		26		27		80						
5	(A) 55+00S		36		37		108						
6	L.72E 100N		36		~~29~~		90						
7	200N		46		19		104						
8	300N		50		19		86						
9	500N		32		19		76						
650	600N		46		37		84						
1	700N		42		43		130						
2	~~800N~~												
3	900N		50		15		124						
4	1000N		26		37		18						
5	1100N		18		27		34						
6	1200N		46		32		98						
7	1300N		30		50		38						
8	1400N		20	37	~~37~~		44						
9	1500N		32	37	~~32~~		60						
660	1600N		32		37		40						
1	1700N		30		24		30						
2	1800N		32		24		50						
3	1900N		36		50		68						
4	2000N		42		85		86						
5	2100N		26		60		46						
6	2200N		30		232		142						
7	2300N		30		175		130						
8	2500N		30		137		108						
9	2600N		26		112		96						
670	2700N		30		127		152						
1	2800N		10		55		80						
2	2900N		30		90		106						
3	3000N		32		27		88						
4	3100N		18		32		60						
5	3200N		42		32		84						
6	3300N		42		32		94						
7	3400N		26		43		88						
8	3500N		42		43		84						
9	3600N		18		19		30						
680	3700N		26		19		50						

80

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(18)

Report Number 68-HL-37 — Weight of Sample 0.200gm

From HESS PROP. (LAD GROUP) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10mls

Date Aug. 11/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
681	L-72E 38+00N		16	19	~~20~~		18						
682	39+00N		26	55	~~27~~		46						
683	40+00N		18	46	~~27~~		24						
684	41+00N		18	27	~~27~~		20						
685	42+00N		18	27	~~27~~		36						
686	43+00N		20	37	~~27~~		80						
687	44+00N		20	43	~~27~~		90						
688	45+00N		16	32	~~27~~		38						
689	46+00N		16	19	~~27~~		16						
690	47+00N		30	32	~~37~~		90						
691	48+00N		36	~~32~~	32		88						
692	49+00N		18		27		24						
693	50+00N		16		19		16						
694	L-96E 100N		10		15		40						
695	200N		26		15		72						
696	300N		30		24		64						
697	~~5~~00N		26		24		72						
698	~~6~~00N		26		19		70						
699	~~7~~00N		20		24		66						
700	800N		30		37		64						
701	900N		20		24		68						
702	1000N		20		27		70						
703	1100N		36		27		72						
704	1200N		56		37		72						
705	1300N		42		19		68						
706	1400N		42		27		66						
707	1500N		42		37		112						
708	1600N		36		27		70						
709	1700N		36		55		98						
710	1800N		50		27		90						
711	1900N		46		37		90						
712	2000N		42		37		90						
713	2100N		36		37		86						
714	2200N		32		46		94						
715	2300N		26		32		96						
716	2400N		30		100		118						
717	2500N		30		80		72						
718	2600N		30		27		72						
719	2700N		20		19		72						
720	2800N		42		37		94						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 Weight of Sample 0.200gm

From HESS PROPERTIES (LAND) Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used 10 ml

Date August 11 68 Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
721	L.96E-29TOON		50		65		88						
2	30TOON		56		80		104						
3	31TOON		16		37		20						
4	32TOON		18		37		24						
5	33TOON		16		37		30						
6	34TOON		32		37		44						
7	35TOON		26		27		40						
8	36TOON		36		27		38						
9	37TOON		16		32		30						
0	38TOON		32		37		46						
731	39TOON		16		24		34						
2	40TOON		32		27		48						
3	41TOON		16		27		34						
4	42TOON		42		19		54						
5	43TOON		16		19		20						
6	44TOON		30		19		34						
7	45TOON		16		19		8						
8	46TOON		16		15		N.D						
9	47TOON		10		10		N.D						
0	48TOON		30		50		N.D						
741	49TOON		50		37		6						
2	50TOON		56		32		6						
3	L.16-1TOON		70		75		204						
4	2TOON		50		46		136						
5	3TOON		56		46		138						
6	4TOON		10		90		18						
7	5TOON		60		32		84						
8	6TOON		42		85		102						
9	7TOON		56		27		98						
0	8TOON		46		46		232						
751	9TOON		32		55		184						
2	10TOON		76		122		438						
3	11TOON		42		50		90						
4	12TOON		18		32		40						
5	13TOON		36		100		236						
6	14TOON		42		46		218						
7	15TOON		56		100		262						
8	16TOON		70		37		344						
9	17TOON		56		90		310						
760	18TOON		30		24		304						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

20.

Report Number 68-HL-37 — Weight of Sample .2 gm

From Hess Properties (Lad) — Extraction Hot Aqua Regia

Tested For Cu, Pb, Zn — Volume Used 10 ml

Date Aug 11/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
761	L16 19+00N		76		46		494						
2	20+00N		60		80		184						
3	21+00N		60		90		380						
4	22+00N		56		43		282						
5	23+00N		46		117		252						
6	24+00N		42		60		208						
7	25+00N		56		100		414						
8	26+00N		46		60		176						
9	27+00N		56		90		256						
0	29+00N		46		43		402						
770	31+00N		32		75		194						
2	32+00N		30		55		120						
3	33+00N		42		70		114						
4	34+00N		68		70		172						
5	35+00N		70		97		326						
6	36+00N		56		108		340						
7	37+00N		130		94		494						
8	38+00N		42		85		252						
9	39+00N		84		80		286						
0	40+00N		84		122		172						
781	L88E 1+00N		60		50		98						
2	2+00N		84		112		102						
3	3+00N		62		27		102						
4	4+00N		56		70		112						
5	5+00N		30		65		86						
6	6+00N		36		112		30						
7	7+00N		20		43		72						
8	8+00N		42		104		50						
9	(A) 8+00N		30		32		64						
0	9+00N		32		60		66						
791	10+00N		32		80		54						
2	11+00N		26	37	~~85~~		72						
3	12+00N		20	~~30~~	~~50~~		54						
4	13+00N		16	35	~~46~~		36						
5	14+00N		24	~~50~~	~~60~~		54						
6	15+00N		36	175	50		186						
7	16+00N		68	94	~~75~~		190						
8	17+00N		56	96	~~84~~		200						
9	18+00N		42		94		164						
800	19+00N		16		94		66						

ED WIEBE

NICK CHEVELDOFF

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

21.

Report Number 68-HC-37 — Weight of Sample .2 gm

From HESS Prop. (LAD) — Extraction HOT AQUA REGIA

Tested For Cu, Zn, Pb — Volume Used 10 ml

Date Aug. 11/68 — Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
801	L88E 20+00N		30		27		56						
2	21+00N		20		15		34						
3	22+00N		10		10		56						
4	23+00N		32		24		72						
5	24+00N		18		24		60						
6	25+00N		30		37		50						
7	26+00N		20		15		38						
8	27+00N		32		46		54						
9	28+00N		4		37		36						
0	29+00N		30		24		44						
811	30+00N		16		27		46						
2	31+00N		30		32		50						
3	32+00N		20		32		40						
4	33+00N		36		37		40						
5	34+00N		4		15		8						
6	35+00N		10		15		8						
7	36+00N		18		10		18						
8	37+00N		16		25		10						
9	38+00N		16		24		16						
0	39+00N		20		24		10						
821	40+00N		32		70		68						
2	41+00N		20		46		90						
3	42+00N		20		46		76						
4	43+00N		20		24		54						
5	44+00N		30		32		102						
6	45+00N		20		32		38						
7	47 ~~46~~+00N		26		32		72						
8	48+00N		16		19		38						
9	49+00N		32		65		72						
0	50+00N		36		37		54						
831	L80E 100N		46		80		98						
2	200N		30		32		40						
3	300N		36		43		76						
4	400N		46		43		54						
5	5+00N		46		70		114						
6	6+00N		20		50		34						
7	7+00N		42		37		94						
8	8+00N		32		37		98						
9	9+00N		32		90		142						
840	16+00N		56		46		138						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(22)

Report Number 68-40-37 — Weight of Sample .2 gm

From HESS POOP (LAD) — Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn — Volume Used 10 ml.

Date Aug 11/68 — Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
841	L80E 12+00N		36		50		34						
2	13+00N		16		55		48						
3	14+00N		60		190		214						
4	15+00N		26		24		54						
5	16+00N		42		90		114						
6	17+00N		20		85		76						
7	19+00N		36		156		66						
8	20+00N		26		127		54						
9	21+00N		56		127		56						
850	22+00N		30		365		98						
851	23+00N		42		127		494						
2	(A) 23+00N	x	800	xx	36500	x	1620	—					
3	24+00N		70	xx	12700		494						
4	25+00N		70	x	800		106						
5	30+00N		18		117		146						
6	31+00N		20		46		84						
7	32+00N		20		46		98						
8	33+00N		10		24		10						
9	34+00N		32		46		114						
860	35+00N		56		65		124						
861	(A) 35+00N		10		24		16						
2	36+00N		30		50		76						
3	(A) 36+00N		50		215		252						
4	39+00N		16		60		30						
5	40+00N		32		75		50						
6	41+00N		16		75		34						
7	42+00N		20		32		68						
8	43+00N		20		32		8						
9	44+00N		16		15		8						
870	45+00N		20		27		8						
871	46+00N		22		15		18						
2	47+00N		18		19		64						
3	48+00N		18		19		44						
4	49+00N		32		19		48						
5	60+00N		50		50		112						
6	BL 81+00E		46		32		137						
7	82+00E		16		24		70						
8	83+00E		30		24		66						
9	84+00E		36		46		106						
880	85+00E		16		24		28						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(23)

Report Number 68-HL-37 Weight of Sample 0.200gm

From E HESS-~~BE~~ PROP (LAD.) Extraction hot aqua

Tested For Cu, Pb, Zn Volume Used 10 m/s

Date AUG 12/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
881	BL. 86+00E		32		50		50						
2	87 +00E		26		80		72						
3	88+00E		20		85		60						
4	89+00E		20		75		72						
5	90+00E		26		100		48						
6	91+00E		32		43		72						
7	92 +00E		16		117		50						
8	93+00E		20		32		80						
9	94+00E		30		70		70						
890	95+00E		16		85		24						
1	96+00E		20		70		84						
2	L56E 40+00S		20		46		70						
3	L32 43+00S		18		108		48						
4	L16 1+00S		46		116		118						
5	L48E 31+00S		32		112		214						
6	L8E 18+00N		20		490		94						
7	34+00N		26		75		124						
8	38+00N		26		55		114						
9	L80E 11+00N		36		94		98						
900	L56E 4+00S		30		55		156						
E1	L40E 7+00S		20		55		186						
2													

ATLAS EXPLORATIONS LIMITED

(24)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-87 — Weight of Sample 0.200gm

From HESS PROPERTIES (AAD) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 mls

Date August 13/68 — Analyst

9612

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
902	2-64E-1TOON		26		27		114						
3	2TOON		36		137		124						
4	3TOON		36		85		146						
5	4TOON		30		60		114						
6	5TOON		20		90		108						
7	6TOON		2		10		26						
8	7TOON		4		112		16						
9	8TOON		10		46		24						
910	9TOON		2		70		34						
1	10TOON		10		27		58						
912	11TOON		30		90		60						
3	12TOON		16		60		72						
4	13TOON		30		90		86						
5	14TOON		16		24		66						
6	15TOON		16		90		70						
7	16TOON		18		70		70						
8	17TOON		20		50		88						
9	18TOON		18		85		88						
920	19TOON		18		50		80						
1	20TOON		26		75		102						
922	21TOON		30		100		228						
3	22TOON		20		75		158						
4	23TOON		32		75		172						
5	24TOON		32		27		236						
6	25TOON		30		180		162						
7	26TOON		4		100		40						
8	27TOON		10		55		50						
9	28TOON		4		27		28						
930	29TOON		2		65		40						
1	30TOON		16		19		44						
932	31TOON		20		46		40						
3	32TOON		10		94		56						
4	33TOON		26		24		90						
5	34TOON		16		50		30						
6	35TOON		16		65		64						
7	36TOON		16		65		50						
8	37TOON		16		65		38						
9	38TOON		32		117		98						
940	39TOON		30		75		96						
941	40TOON		20		55		84						

50

ATLAS EXPLORATIONS LIMITED

(25)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 — Weight of Sample 0.200 gm

From HESS - PROP (LAD) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 m/s

Date Aug 13/68 Soil — Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
942	L.56E 100N		32		24		106						
3	200N		20		32		94						
4	300N		30		27		108						
5	400N		26		43		126						
6	500N		16		43		72						
7	600N		18		10		94						
8	700N		16		10		88						
9	800N		16		10		50						
950	900N		16		32		76						
1	1000N		32		60		102						
2	1100N		16		46		98						
3	1200N		16		112		58						
4	1300N		20		94		76						
5	1400N		20		19		98						
6	1500N		16		137		76						
7	1600N		18		117		86						
8	1700N		10		112		80						
9	1800N		10		75		72						
960	1900N		4		104		96						
1	2000N		10		32		18						
2	2100N		4		104		26						
3	2200N		16		75		36						
4	2300N		4		70		26						
5	2400N		4		19		10						
6	2500N		26		200		130						
7	2600N		20		215		120						
8	2700N		42		132		126						
9	2800N		16		24		20						
970	2900N		10		94		30						
1	3000N		26		27		30						
2	3100N		36		112		38						
3	3200N		42		60		48						
4	3300N		32		108		66						
5	3400N		46		50		88						
6	3500N		26		43		68						
7	3600N		10		75		16						
8	3700N		36		60		28						
9	3800N		16		75		16						
980	3900N		16		50		10						
1	4000N		46		122		94						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(26)

Report Number 68-HL-37 Weight of Sample 0.200gm

From HESS - PROP (LAD) Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5m/s.

Date Aug 13/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
982	L-8 36+00N		30		93		68						
3	L-24 34+00S		15		47		68						
4	(A) 36+00S		10		47		49						
5	(A) 38+00S		16		38		52						
6	(A) 41+00S		9		35		33						
7	L-16 36+00S		21		50		49						
8	37+00S		16		56		36						
9	38+00S		15		30		86						
990	A 41+00S		10		40		38						
1	51+50S		5		33		24						
2	(A) 48+00S		8		69		52						
3	27+00S		15		33		60						
4	28+00S		21		43		114						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HC-37 | Weight of Sample ~2 gm

From HESS Prop. (LAD) | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 10 ml

Date Aug 13/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
995	L64E 41+00N		16		24		12						
6	42+00N		30		70		28						
7	43+00N		10		65		24						
8	44+00N		20		37		40						
9	45+00N		16		55		44						
0	46+00N		10		70		48						
1	47+00N		46		37		34						
2	49+00N		30		55		46						
3	50+00N		20		37		58						
4	L80 1+00S		30		90		72						
1005	L32E 100N		16		167		190						
6	2+00N		36		305		310						
7	3+00N		42		195		190						
8	4+00N		18		70		130						
9	5+00N		18		70		168						
0	6+00N		30		108		210						
1	7+00N		18		117		286						
2	9+00N		26		156		272						
3	10+00N		26		75		320						
4	11+00N		10		37		58						
1015	12+00N		10		50		46						
6	13+00N		26		100		80						
7	14+00N		10		60		76						
8	15+00N		26		55		70						
9	16+00N		10		46		46						
0	17+00N		2		37		36						
1	18+00N		4		80		30						
2	19+00N		4		33		26						
3	20+00N		16		85		20						
4	21+00N		26		60		106						
1025	22+00N		30		42		106						
6	23+00N		20		90		106						
7	24+00N		20		60		118						
8	25+00N		30		50		126						
9	26+00N		18		80		6						
0	27+00N		20		27		24						
1	28+00N		30		27		36						
2	29+00N		32		27		28						
3	30+00N		42		46		36						
1034	31+00N		10		46		66						

1200 E 50 B → 96

8

28

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 | Weight of Sample .2 gram

From HESS PROP. (LAB) | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 10 ml.

Date Aug 13/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1035	L32E 37+00N		10		68		70						
6	33+00N		18		70		60						
7	34+00N		16		70		66						
8	35+00N		10		46		44						
9	36+00N		20		127		86						
0	37+00N		16		37		90						
1	38+00N		20		108		72						
2	39+00N		26		90		86						
3	40+00N		6		46		90						
4	L48E 2+00S		2		70		38						
1045	3+00N		4		37		26						
6	4+00N		16		70		24						
7	5+00N		16		46		26						
8	6+00N		16		55		66						
9	7+00N		16		37		60						
0	8+00N		26		70		70						
1	9+00N		16		46		64						
2	10+00N		14		80		56						
3	11+00N		10		70		46						
4	12+00N		16		43		36						
1055	13+00N		ND		46		56						
6	14+00N		18		80		60						
7	15+00N		20		50		76						
8	16+00N		20		137		72						
9	17+00N		20		94		72						
0	18+00N		46		80		72						
1	19+00N		32		75		64						
2	20+00N		10		146		88						
3	21+00N		4	x	1270		156						
4	22+00N		4	x	750		126						
1065	23+00N		16	x	1040		126						
6	24+00N		16		90		40						
7	25+00N		18	x	800		130						
8	26+00N		10		37		50						
9	27+00N		10		32		56						
0	28+00N		2		24		40						
1	29+00N		30		50		45						
2	30+00N		10		46		40						
3	31+00N		4		55		34						
1074	32+00N		30		65		58						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HC-37 | Weight of Sample .2 gms

From Hess Prop (LAB) | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 10 ml

Date Aug 13/68 | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1075	L48E 33+00N		4		24		72						
6	35+00N		18		60		30						
7	36+00N		16		210		124						
8	37+00N		26		90		76						
9	38+00N		16		55'		70						
0	39+00N		4		43		58						
1	40+00N		16		46		58						
2	L40E 14+00N		20		85'		108						
3	2+00N		20		70		90						
4	3+00N		20		100		94						
1085	4+00N		20		46		90						
6	5+00N		16		75'		26						
7	6+00N		20		46		18						
8	7+00N		16		37		40						
9	8+00N		18		55'		36						
0	9+00N		18		94		98						
1	10+00N		16		46		36						
2	11+00N		10		100		54						
3	12+00N		18		90		58						
4	13+00N		10		27		28						
1095	14+00N		16		80		46						
6	15+00N		4		85'		48						
7	16+00N		30		50		54						
8	17+00N		30		117		50						
9	18+00N		30		24		50						
0	19+00N		16		94		58						
1	20+00N		26		100		90						
2	21+00N		16		94		72						
3	22+00N		32		75'		108						
4	23+00N		30		90		80						
1105	24+00N		18		131		80						
6	25+00N		26		37		18						
7	26+00N		16		15'		30						
8	27+00N		20		32		76						
9	28+00N		10		55'		26						
0	29+00N		16		50		28						
1	30+00N		18		43		10						
2	31+00N		4		65'		10						
3	32+00N		18		37		28						
1114	33+00N		10		46		20						

80

ATLAS EXPLORATIONS LIMITED

30

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 Weight of Sample 0.2 gm

From HESS PROPERTIES (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 14/68 Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1115	L40E-3400N		36		95		80						
1116	3500N		30		32		102						
1117	3600N		32		32		132						
1118	3700N		46		19		70						
1119	3800N		32		50		86						
1120	3900N		16		15		20						
1121	4000N		20		10		34						
1122	L80E - 15'		16		37		64						
1123	25'		32		46		138						
1124	35'		30		19		50						
1125	45'		18		15		26						
1126	55'		16		24		48						
1127	65'		16		60		44						
1128	75'		16		15		102						
1129	85'		16		65		54						
1130	95'		16		15		66						
1131	105'		32		43		96						
1132	115'		18		5		16						
1133	125'		18		50		36						
1134	135'		18		15		26						
1135	145'		42		32		48						
1136	155'		36		24		44						
1137	165'		36		55		36						
1138	175'		26		27		58						
1139	185'		20		46		72						
1140	195'		20		19		36						
1141	205'		20		10		46						
1142	215'		26		55		60						
1143	225'		30		19		84						
1144	235'		32		24		66						
1145	245'		20		19		68						
1146	255'		50		117		156						
1147	265'		32		85		132						
1148	275'		36		24		64						
1149	285'		36		37		48						
1150	295'		80		46		84						
1151	305'		68		90		156						
1152	315'		42		37		72						
1153	325'		46		19		68						
1154	335'		36		50		88						

8B
21

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-PL-37 Weight of Sample 0.2 gm

From HESS PROPERTIES (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 14/68 Analyst

Sent

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1155	180E-345'		42		10		28						
1156	355'		30		50		44						
1157	* 365'	—	—	—	—	—	—						
1158	375'		32		60		96						
1159	385'		20		43		48						
1160	395'		20		46		26						
1161	405'		18		15		18						
1162	415'		42		100		66						
1163	425'		30		55		36						
1164	435'		16		10		38						
1165	445'		30		27		64						
1166	455'		20		55		76						
1167	465'		20		27		34						
1168	475'		18		19		30						
1169	485'		20		27		36						
1170	495'		30		15		50						
1171	505'		32		100		96						
~~1172~~	~~Dump~~												
~~1173~~	~~Dump~~												

* NO SAMPLE

ATLAS EXPLORATIONS LIMITED

(32)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 Weight of Sample 0.200gm

From HESS PROPERTIES (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 14/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1172	L.8E-60+00N		42		65		272						
1173	61+00N		36		19		214						
1174	62+00N		20		5		214						
1175	65+00N		46		27		310						
1176	66+00N		206	x	1020	x x	3000						
1177	67+00N		16		43		180						
1178	68+00N		32		60		108						
1179	69+00N		16		70		90						
1180	70+00N		18		42		50						
1181	71+00N		30		27		120						
1182	72+00N		56		46		142						
1183	73+00N		20		32		72						
1184	74+00N		16		60		72						
1185	75+00N		30		85		90						
1186	76+00N		16		65		106						
1187	77+00N		16		37		98						
1188	78+00N		10		32		120						
1189	79+00N		4		55		112						
1190	80+00N		18		50		50						
1191	81+00N		10		55		64						
1192	82+00N		16		19		50						
1193	83+00N		2		80		96						
1194	84+00N		2		24		90						
1195	85+00N		18		33		94						
1196	86+00N		16		65		108						
1197	87+00N		16		24		98						
1198	88+00N		16		50		98						
1199	89+00N		10		32		102						
1200	90+00N		10		42		72						
1201	91+00N		16		32		72						
1202	92+00N		16		75		64						
1203	93+00N		18		37		86						
1204	94+00N		16		27		72						
1205	95+00N		10		60		72						
1206	96+00N		16		55		98						
1207	97+00N		2		37		54						
1208	98+00N		30		90		80						
1209	99+00N		4		19		80						
1210	100+00N		4		24		68						
1211	(A)100+00N		16		32		72						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HL - 37 | Weight of Sample .2 gram

From Hess Prop. (LAD) | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 10 ml.

Date Aug. 14/68 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1212	L8E 102+00N		26		50		72						
3	103+00N		18		10		84						
4	104+00N		16		70		72						
5	105+00N		20		46		86						
6	L0E 41+00N		16		33		64						
7	42+00N		26		5		58						
8	43+00N		10		70		84						
9	44+00N		10		24		84						
0	45+00N		16		55		54						
1	46+00N		30		43		130						
1222	47+00N		30		24		126						
3	48+00N		20		24		114						
4	49+00N		10		19		98						
5	50+00N		32		65		138						
6	51+00N		36		46		136						
7	52+00N		30		19		132						
8	53+00N		36		27		138						
9	54+00N		26		27		142						
0	55+00N		18		46		124						
1	56+00N		20		19		162						
1232	57+00N		30		55		108						
3	58+00N		16		19		120						
4	59+00N		10		19		104						
5	60+00N		36		19		124						
6	61+00N		32		100		142						
7	62+00N		30		37		124						
8	63+00N		42		122		136						
9	64+00N		50		100		152						
0	65+00N		46		75		138						
1	66+00N		42		24		204						
1242	67+00N		30		60		190						
3	68+00N		16		80		162						
4	69+00N		18		85		158						
5	70+00N		32		50		158						
6	71+00N		104		27		142						
7	72+00N		80		46		114						
8	73+00N	56	~~38~~		27		70						
9	74+00N		46		27		98						
0	75+00N		42		43		90						
1251	76+00N	x	1040	x	2650	x	21000						

ATLAS EXPLORATIONS LIMITED

(34)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 | Weight of Sample

From Hess Prop (LAD) | Extraction

Tested For Cu, Pb, Zn | Volume Used

Date Aug 15/68 Soil | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1252	L-0E 8000N	X	2100	XX	7500	XX	23600						
3	8100N	X	1640	XX	6500	XX	22800						
4	8200N		32		104		240						
5	8300N		36		32		72						
6	~~8400N~~		—		—		—						
7	8500N		36		37		88						
8	8600N		32		15		58						
9	8700N		36		27		102						
0	8800N		36		19		88						
1	8900N		26		50		48						
1262	9000N		10		27		80						
3	9100N		20		85		106						
4	9200N		18		70		120						
5	9300N		30		43		96						
6	9400N		30		60		118						
7	9500N		30		55		70						
8	9600N		42		43		118						
9	9700N		26		60		98						
0	9800N		26		65		90						
1	9900N		26		27		90						
1272	10000N		36		19		84						
3	10100N		18		60		28						
4	10200N		20		24		44						
5	10300N		18		60		46						
6	10400N		30		24		38						
7	10500N		20		50		38						
8	L-96E 400N		20		43		96						
9	L-72E 100S		18		43		88						
0	200S		30		32		80						
1	300S		20		60		80						
1282	400S		20		37		60						
3	500S		20		46		42						
4	600S		16		55		48						
5	700S		38		37		66						
6	800S		26		19		34						
7	900S		20		60		16						
8	1000S		32		24		76						
9	1100S		20		55		48						
0	1200S		20		85		60						
1291	1300S		26		94		94						
	~~1400S~~												

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(35)

Report Number 68-HL-37 — Weight of Sample

From HESS Prop (LAD) — Extraction

Tested For Cu, Pb Zn — Volume Used

Date Aug 15/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1292	L.TIE 14005		42		80		102						
3	15005		16		50		12						
4	16005		16		50		72						
5	17005		56		46	60	~~54~~						
6	18005		20		60	54	~~84~~						
7	19005		20		27	84	~~46~~						
8	20005		50		55	66	~~110~~						
9	21005		26		19	40	~~92~~						
1300	22005		20		37	50	26						
1	23005		30		10		26						
1302	24005		50		43		72						
3	25005		36		27		108						
4	26005		20		15		30						
5	27005		20		32		34						
6	29005		20		32		20						
7	30005		18		24		28						
8	31005		26		127		86						
9	32005		26		80		72						
0	33005		26		80		94						
1	34005		42		46		96						
1312	35005		10		19		12						
3	36005		10		19		48						
4	37005		30		55		68						
5	38005		30		100		64						
6	39005		20		108		44						
7	40005		16		80		46						
8	41005		26		37		108						
9	42005		36		94		126						
0	43005		60		55		106						
1	45005		42		55		142						
1322	46005		30		146		98						
3	47005		16		108		98						
4	48005		18		50		54						
5	49005		~~30~~		46		56						
6	50005		32		46		90						

ATLAS EXPLORATIONS LIMITED

(36)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37 | Weight of Sample 0.200gm

From HESS Prop (LAD) | Extraction Aqua Regia

Tested For Cu, Pb, Zn | Volume Used 10 mls

Date Aug 18/68 Soil | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1327	BL 500E		10		32		72						
8	600E		16		24		66						
9	700E		16		15		34						
1330	800E		16		19		36						
1	900E		18		37		64						
2	1000E		16		19		54						
3	1100E		26		27		118						
4	1200E		16		19		64						
5	1300E		30		19		60						
6	1400E		18		27		66						
1337	1500E		50		24		84						
8	1600E		56		32		98						
9	L8 200S		16		19		86						
1340	300E		18		10		98						
1	400E		16		15		90						
2	500E		16		32		118						
3	600E		26		37		90						
4	700E		10		27		90						
5	800E		20		27		104						
6	900E		30		55		120						
1347	1000E		26		75		102						
8	1100E		26		27		272						
9	1200E		26		43		214						
1350	1300E		42		19		156						
1	1400E		36		32		136						
2	1500E		20		27		84						
3	1600E		10		19		96						
4	1700E		2		32		76						
5	1800E		16		19		80						
6	1900E		26		75		64						
1357	2000E		19		15		54						
8	2100E		10		37		50						
9	2200E		16		15		54						
1360	2300E		16		32		40						
1	2400E		10		19		30						
2	4100N		16		19		50						
3	4200N		16		27		54						
4	4300N		10		19		48						
5	4400N		8		19		38						
6	4500N		2		10		72						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-37

From HESS PROP (LEAD)

Tested For Cu, Pb, Zn

Date Aug 12/68 M

Weight of Sample 0.200gm

Extraction hot HCl for silts, aqua regia for soils

Volume Used 10mls aqua regia
5mls HCl

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
Soil	M. Simpson 201		56		32		438						
	202		152		450	x	1800						
	X X		X		X		X	X					
	M. Simpson 200		25		40		165						
	202		38		19		170						
Silt	203		100		128	x	250						
	204		38		38		38						
	205		52		52	x	1500						

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ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-38 | Weight of Sample 0.20 gm

From HESS-OEX | Extraction HOT ~~AQUA~~ HCl

Tested For Cu, Pb, Zn | Volume Used 5 mls

Date AUG 12/68 SILT | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	M.LADUE 518		15		66		40						
2	519		9		28		35						
3	520		10		38		30						
4	521		10		19		36						
5	524		10		35		34						
6	525		10		12		32						
7	526		13		8		44						
8	527		13		8		19						
9	528		30		10		68						
50	529		8		33		114						
51	530		9		33		126						
2	531		10		19		114						
3	532		18		38		45						
4	533		23		10		76						
5	534		30		30		215						
6	535		31		40		201						
7	A.CHARLIE 88		13		25		24						
8	89		16		33		18						
9	90		10		28		18						
60	91		10		40		23						
1	92		10		14		33						
2	93		10		30		32						
3	94		5		33		33						
4	95		9		14		27						
5	96		8		30		24						
6	99		8		5		25						
7	101		89		30		51						
8	102		13		33		44						
9	103		10		43		33						
70	KREINENEN 139		16		30		27						
1	140		16		25		20						
2	141		9		19		28						
3	142		16		38		48						
4	143		18		12		59						
5	145		15		22		49						
6	146		16		16		49						
7	147		15		43		53						
8	148		15		23		57						
79	149		9		35		48						

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ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-38 | Weight of Sample 0.2 gRM

From NESS - OEX | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 10 ml

Date Aug 12/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
80	M. SIMPSON 201		56		32		438						
1	206		152	450	~~60~~		x1800						
2	MLADUE 522		~~96~~		19		94						
3	523		20		19		114						
4	T. SKOLSENG 244		126		15		x 720						
5	246		106		27		238						
6	248		62		24		256						
7	249		32		15		210						
8	250		62		19		246						
9	251		62		19		344						
90	253		50		19		242						
1	254		26		10		190						
2	256		36		10		96						
3	257		32		15		104						
4	258		30		55		114						
5	259		20		24		104						
6	260		32		37		90						
7	261		36		19		80						
8	262		32		19		94						
9	287		42		24		104						
100	288		42		37		162						
1	290		68		37		80						
2	A. CHARLIE 81		30		46		80						
3	82		36		46		72						
4	83		26		27		66						
5	84		20		~~50~~		90						
6	85		32		19		70						
7	86		32		50		72						
8	87		20		10		70						
9	88		18		43		48						
110	99		18		27		54						
1	100		20		37		30						
2	104		36		46		88						
3	105		50		19		120						
4	106		18		32		90						
5	107		26		19		50						
6	108		62		46		112						
7	109		42		10		102						
8	110		42		19		96						
119	111		26		50		102						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-110-38 Weight of Sample 0.200 gm

From HESS-OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 12/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
120	ACHARLIE-80		120		15		112						
1	REITZEL-489		84		350	x	560						
2	490		30		50		130						
3	491		62		27		70						
4	492		42		50		102						
5	493		62		42		114						
6	494		16		27		40						
7	495		134		175		236						
8	496		16		42		126						
9	497		50		137		214						
130	498		32		37		252						
1	499		56		50		94						
2	500		26		50		142						
3	501		30		70		150						
4	502		56		55		200						
5	503		62		175		200						
6	504		20		46		142						
7	505		42		60		132						
8	506		60		50		232						
9	507		68		19		40						
140	508		50		24		94						
1	509		36		37		56						
2	510		32		65		72						
3	511		26		10		48						
4	512		20		15		72						
5	513		16		60		44						
6	514		68		19		86						
7	515		20		37		64						
8	516		4		37		72						
9	517		42		75		90						
150	518		18		65		120						
1	519		100		65		108						
2	520		68	x	4500		150						
3	521		26		27		72						
4	522		60		50		94						
5	523		42		117		190						
6	524		30		70		190						
7	525		4		70		164						
8	526		56		94		124						
159	527		30		46		150						

8l

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-38 | Weight of Sample .2 gm

From HESS OEX | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 5 ml.

Date Aug 12/68 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
160	R. ETZEL 528		36		37		98						
1	529		144		355	x	800						
2	530		20		19		112						
3	531	36	36		55		142						
4	532	56	56		19		98						
5	533	56	46		55		138						
6	534		46		75		146						
7	535		26		27		68						
8	536		46		19		136						
9	537		50		27		162						
170	538		92		37		210						
1	539		70		500	x	1200						
2	540		42		37		98						
3	541		20		24		96						
4	542		42		27		120						
5	543		42		19		46						
6	544		152		27		88						
7	545		100		117		72						
8	546		36		85		94						
9	547		30		27		70						
180	548		56		37		136						
1	549		30		43		76						
2	550		46		24		~~48~~	76					
3	551		56		10		~~16~~	48					
4	552		20		50		~~16~~	16					
5	553		30		10		10	~~4~~					
6	554		8		19		26						
7	555		36		45		30						
8	556		4		19		36						
9	557		36		46		76						
190	558		30		19		88						
1	559		56		46		218						
2	560		16		19		86						
3	561		152		37		186						
4	562		50		37		102						
5	563		148		15		26						
6	564		68		90		96						
7	565		70		50		142						
8	566		20		46		188						
199	567		92		46		46						

SP

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-HO-38 Weight of Sample 0.200gm

From HESS-OEX Extraction Hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 12/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
200	R.ETZEL-568		62		15'		80						
1	569		16		37		102						
2	570		30		15'		84						
3	571		16		ND		104						
4	572		32		27		58						
5	573		16		24		56						
6	574		4		46		54						
7	575		18		19		48						
8	576		16		15'		58						
9	577		18		19		16						
210	578		16		27		84						
1	579		36		19		54						
2	580		10		19		72						
3	581		18		15'		58						
4	582		18		N.D		30						
5	583		10		5		68						
6	K.Hienenen-144		32		24		72						
7	E.Sanford-107		26		15'		56						
8	116		20		37		98						
9	P.Dean-314		20		10		86						
220	R.ETZEL-584		18		10		76						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-40-38 | Weight of Sample .2 gm

From HESS OEK | Extraction HOT HCl

Tested For Cu, Pb, Zn | Volume Used 5 ml.

Date Aug 12/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
221	K. HEINENEN 150		15		12		49						
2	151		15		25		59						
3	152		28		16		60						
4	153		15		8		80						
5	154		42		8		79						
6	155		10		14		133						
7	G. Sanford 108		31		16		42						
8	109		53		38		107						
9	110		38		38		52						
0	111		18		5		92						
231	112		18		43		60						
2	113		23		28		71						
3	114		28		19		133						
4	115		9		30		48						
5	117		9		69		86						
6	118		21		14		25						
7	119		9		38		29						
8	120		15		28		36						
9	121		9		30		28						
0	122		9		12		18						
241	123		46		93		128						
2	124		46		61		118						
3	125		60		84		155						
4	126		15		12		107						
5	127		18		59		59						
6	128		10		35		96						
7	129		28		38		66						
8	130		10		14		57						
9	131		10		14		49						
0	132		8		59		51						
251	133		9		14		48						
2	134		2		64		49						
3	135		25		10		68						
4	136		9		40		56						
5	137		21		22		63						
6	138		5		16		48						
7	139		13		16		123						
8	140		13		38		118						
9	141		16		28		109						
260	142		8		5		166						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HO-38 | Weight of Sample 0.200gm

From HESS-DEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5mls

Date August 12/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	P.CLARIDGE-301		10		45		28						
2	P.DEAN 298		46		28		222						
3	299		46		40		242						
4	300		38		x38		270						
5	301		46		23		172						
6	302		84		52		222						
7	303		38		35		121						
8	304		34		22		90						
9	T.SKOMBERG-245		15		45		81						
10	247		30		23		100						
11	252		13		30		75						
12	255		21		19		57						
13	283		18		56		56						
14	284		46		19		81						
15	285		28		33		81						
16	286		28		22		51						
17	289		18		56		56						
18	M.SIMPSON 200		25		40		155						
19	202		38		19		170						
20	203		100		x28		256						
21	204		38		38		38						
22	205		52		x52		1500						
23	M.LADUE 481		18		19		48						
24	501		34		35		233						
25	502		23		33		53						
26	503		23		23		225						
27	504		25		56		215						
28	505		23		33		145						
29	506		23		35		181						
30	507		18		30		66						
31	508		15		28		184						
32	509		30		38		230						
33	570		18		22		172						
34	571		15		35		86						
35	512		15		30		128						
36	513		13		45		82						
37	514		23		22		97						
38	515		16		45		147						
39	516		21		30		73						
40	517		16		28		60						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-40-39 Weight of Sample 0.200gm

From HESS-OEX Extraction

Tested For Cu, Pb, Zn Volume Used 5 m/s

Date August 12/69 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	G. Sanford-143		15		33		56						
2	144		8		33		60						
3	145		10		10		59						
4	146		5		19		81						
5	147		13		19		69						
6	148		2		25		60						
7	149		30		22		95						
8	150		13		35		88						
9	151		8		28		65						
10	152		13		50		59						
11	153		8		30		65						
12	P.OEAN-305		8		30		25						
13	306		9		10		88						
14	307		15		30		181						
15	308		87		30	x	~~4100~~	1550					
16	309		115		19	x	~~4300~~	730					
17	310		70		10		~~155~~	166					
18	311		8		30		141						
19	312		30		10		100						
20	313		10		12		143						
21	315		10		23	x	560						
22	316		16		14		81						
23	317		15		14	x	2450						
24	318		9		8		123						
25	319		250		28	x	2180						
26	320		122		19	xx	3300						
27	321		56		19	x	470						
28	322		82		19	xx	2500						
29	323		52		10	x	750						
30	324		28		35	x	760						
31	325		46		16		219						
32	326		40		45	x	500						
33	327		26		16	x	540						
34	328		28		5	x	540						
35	329		30		35		155						
36	330		23		10		151						
37	331		21		10	x	420						
38	332		60		30	x	590						
39	333		15		8	x	430						
40	334		28		5	x	480						

SD

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 88-40-39 | Weight of Sample

From HESS-OEX | Extraction

Tested For Cu, Pb, Zn | Volume Used

Date 14-8-88 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	MEADOW 581		34		40	x	290						
2	582		23		28		78						
3	583		20		50		247						
4	584		38		10		170						
5	585		40		54	x	290						
6	586		40		19	x	270						
7	587		63		47	x	300						
8	588		45		12	x	280						
9	589		40		40	x	250						
90	590		38		10	x	250						
1	591		15		38		201						
2	592		76		28	x	750						
3	A. CHARLIE 148		10		54		33						
4	149	8	16		12		14						
5	150	15	10		40		10						
6	151	2	3		47		18						
7	152	9	6		14		18						
8	153	15	16		14		12						
9	154	16	12		22		15						
100	155	9	10		22		22						
1	159	10	8		35		10						
2	160	8	3		25		22						
3	163	10	8		35		27						
4	164	16	12		14		30						
5	166	23	14		52		36						
6	170	15	6		33		32						
7	171	21	14		14		15						
8	RETZEL 585	38	24		22	x	400						
9	586	30	10		66	x	250						
110	587	46	24		56		104						
1	589	18	13		25		104						
2	590	28	18		93		105						
3	591	40	26		110	x	290						
4	592	108	62		54	x	440						
5	593	65	36		22	x	530						
6	594	35	22		35	x	250						
7	595	38	24		43		168						
8	596	30	18		40		215						
9	597	16	12		40		60						
120	599	52	84		50	x	630						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HB-39 — Weight of Sample 0.200gm

From HESS-OEX — Extraction hot HCl

Tested For Cu, Pb, Zn — Volume Used 5m/s

Date Aug 13/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	R. ETTEL SSR		18		23		44						
2	600		16		28		23						
3	601		31		69		247						
4	602		40		50	x	330						
5	603		28		56	x	250						
6	604		23		47	x	280						
7	605		25		33		190						
8	606		34		45		56						
9	607		38		40	x	1040						
130													
1													
2													
3													
4													
5													
6													
7													
8													
9													
140													
1													
2													
3													
4													
5													
6													
7													
8													
9													
150													
1													
2													
3													
4													
5													
6													
7													
8													
9													
151													

50

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-110-39 — Weight of Sample ~2 gm

From HESS ~~FILE~~ OEX — Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn — Volume Used 10 ml

Date Aug 13/68 — Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
170	M.LADUE 5'S4		46		24		176						
1	K. Heinemen 136		134		117		228						
2	A. CHARLIE 147		20		37		88						
3	156		16		27		60						
4	157		16		27		60						
5	158		20		37		72						
6	168		32		37		86						
7	169		36		46		138						
8	172		36		37		66						
9	161		10		43		66						
180	162		16		43		72						
1	165		26		32		98						
2	167		16		19		72						
3	R. KEITEL 5'98		152		104		124						
4	J. LADUE 2		80		27		176						
5	3		84		24		162						
6	4		62		37		118						
7	5		60		37		106						
8	6		60		19		126						
9	7		60		32		114						
190	8		56	19	~~155~~		104						
1	9		60	19	~~77~~		86						
2	10		26	42	~~19~~		66						
3	11		46	46	~~60~~		162						
4	12		60	65	~~46~~		124						
5	13		50	37	~~65~~		98						
6	14		80	42	~~37~~		184						
7	15		50	55	~~42~~		104	~~184~~					
8	16		32	19	~~55~~		98	~~104~~					
9	17		68	75	~~19~~		90	~~98~~					
200	18		46	24	~~48~~		98						
1	19		32		94		54						
2	20		42		37		76						
3	21		30		27		120						
4	22		20		75		112						
5	23		42		42		146						
6	24		50		100		138						
7	25		42		100		120						
8	26		36		55		146						
209	27		18		70		102						

18

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(7)

Report Number 68-140-39 Weight of Sample 0.200gm

From HESS-06X Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 m/s

Date Aug 14/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
210	J.LADUE 28 ~~44~~		46		10		98						
1	29		68		43		120						
2	30		62		27		96						
3	31		16		55		130						
4	32		32		24		66						
5	33		36		27		72						
6	34		10		5		72						
7	35		32		24		72						
8	36		16		46		72						
9	37		32		46		90						
220	38		56		27		72						
1	39		30		19		56						
2	40		20		46		66						
3	41		42		32		60						
4	42		32		50		104						
5	43		60		43		210						
6	44		46		10		208						
7	45		36		55		60						
8	46		30		94		36						
9	47		60		19		494						
230	48		62		46		232						
1	49		46		19		456						
2	50		30		46		120						
3	51		56		32		132						
4	52		30		24		132						
5	53		4		37		72						
6	54		10		27		34						
7	55		50		19		204						
8	56		104		19		210						
9	57		46		46		98						
240	58		56		19		124						
~~1~~	59		46		75		136						
~~2~~	60		16		19		80						
~~43~~	61		32		32		108						
~~54~~	62		26		27		112						
5	A. CHARLIE 114		30		37		300						
6	115		46		15		256						
7	122		36		46		66						
8	124		18		27		60						
9	125		16		15		94						

38

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(8)

Report Number 68-40-39 — Weight of Sample 0-200 gm

From HESS-OEX — Extraction hot HCl

Tested For Cu, Pb, Zn — Volume Used 5 m/s

Date Aug 14/68 — Analyst

Silt

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
250	PLODGE 46		15		10		19						
1	47		15		8		20						
2	48		16		22		79						
3	49		13		23		35						
4	50		16		12		26						
5	51		16		22		40						
6	52		60		22		38						
7	53		35		14		73						
8	54		28		25		62						
9	55		21		12		27						
260	56		15		14		25						
1	57		31		19		49						
2	58		35		10		68						
3	59		25		19		42						
4	60		52		19		105						
5	61		31		10		66						
6	62		30		33		54						
7	63		35		12		79						
8	64		16		25		25						
9	65		31		16		33						
270	66	~~37~~	~~24~~	23	8		40						
1	67	~~52~~	~~52~~	18	16		45						
2	68	~~55~~	~~59~~	18	5		52						
3	69	23	~~72~~		25		60						
4	70	50	~~74~~		14		71						
5	71	34	~~50~~		33	x	360						
6	72	18	~~28~~		12		34						
7	73	70	~~24~~		35	x	860						
8	74	60	~~45~~		10	x	1000						
9	75	50	~~55~~		23	x	710						
280	76		34		10	x	590						
1	77		52		12		54						
2	78		58		12	x	470						
3	79		72		12	x	520						
4	80		74		23	x	490						
5	81		50		19	x	380						
6	82		23		12		88						
7	83		24		12		105						
8	84		45		10		247						
9	85		148		25	x	600						

5

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(9)

Report Number 68-HB-39 — Weight of Sample 0.200gm

From HESS-OEX — Extraction hot HCl

Tested For Cu, Pb, Zn, — Volume Used 5mls

Date Aug 14/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
290	PLADUE 86		21		22		28						
1	87		18		10		33						
2	88		63		16		42						
3	A.LADUE 133		28		10		48						
4	134		18		5		35						
5	135		16		10		36						
6	136		13		23		30						
7	137		9		25		33						
8	138		15		12		33						
9	139		21		10		35						
300	141		34		12		51						
1	144		10		30		30						
2	145		18		10		27						
3	146		9		14		35						
4	112		18		14		126						
5	113		13		5		114						
6	118		23		30		178						
7	119		31		12		27						
8	120		21		25		25						
9	121		13		14		141						
310	123		23		10		163						
1	126		70		38		87						
2	128		10		12		28						
3	131		5		5		29						
4	J.LADUE 1		18		12		40						
5	M.LADUE 593		15		30		45						
6	594		16		16		38						
7	595		25		23		43						
8	596		18		22		44						
9	597		23		14		62						
320	598		21		30		48						
1	599		18		28		49						
2	600		16		35		44						
3	602		23		12		82						
4	603		18		22		90						
5	604		21		14		79						
6	605		25		30		84						
7	606		31		14		38						
8	607		31		33		86						
9	608		23		22		49						

80

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

10

Report Number 68-HO-39 Weight of Sample 0.2 gm

From HESS-OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 14/68 Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
330	ACHARUE-136		186		112		86						
331	117		76		80		56						
332	127		140		19		68						
333	129		36		19		44						
334	130		42		24		58						
335	132		20		15		64						
336	140		32		24		126						
337	142		26		55		50						
338	143		18		15		58						
339	m LANUE 600		32		24		120						
340	610		18		37		66						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(11)

Report Number 68-40-39 Weight of Sample 0.200 gm

From HESS-OEK Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 mls.

Date Aug 15/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
341	MIAOWE 609		13		5		14						
2	611		5		10		22						
3	612		15		23		110						
4	613		15		22		110						
5	614		31		32		225						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-110-41 Weight of Sample 0.200 gm

From HESS-OEX Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used 5 mls

Date August 15/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	RITZEL 608		30		61		36						
2	609		25		12		60						
3	610		70		16		126						
4	611		52		28		92						
5	612		60		22		247						
6	613		82		10		190						
7	614		13		40		69						
8	615		21		54		73						
9	616		25		28		71						
10	617		30		28		114						
11	618		9		33		59						
12	619		21		19		48						
13	620		18		25		59						
14	621		15		28		92						
15	622		9		33		114						
16	623		38		25		187						
17	624		34		145	X	300						
18	625		21		100		97						
19	STANFORD 154		55		12		45						
20	155		52		43		45						
21	156		38		8		44						
22	157		38		12		38						
23	158		35		19		66						
24	159		31		16		73						
25	160		23		14		62						
26	161		23		28		51						
27	162		13		10		40						
28	163		21		10		36						
29	164		18		25		35						
30	165		15		16		32						
31	166		30		47		62						
32	167		16		3		60						
33	168		18		23		44						
34	169		30		16		109						
35	170		25		45		92						
36	171		18		28		92						
37	172		15		16		49						
38	173		25		5		60						
39	174		25		16		68						
40	175		25		10		75						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-HO-41 Weight of Sample 0.200 gm

From HESS-OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 cc/s

Date 15-8-68 Analyst

Sil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	PLADE 63		206		60	x	980						
2	64		60		32		362						
3	65		36		32		108						
4	66		20		55		98						
5	67		76		15	x	1760						
6	68		36		27		176						
7	69		50		32		158						
8	70		68		32		340						
9	71		164		19	xx	7200						
50	72		80		43	x	4840						
51	73		100		65	xx	5000						
2	74		70		19	x	3500						
3	75		110		27		430						
4	76		76		24	x	540						
5	77		68		19	x	1040						
6	78		46		27		294						
7	79		68		46		152						
8	80		50		80		152						
9	81		46		55		120						
60	82		42		50		114						
61	83		62		27		272						
2	84		62		65		228						
3	85		92		32	x	2560						
4	86		70		75	x	1240						
5	87		190		43		172						
6	88		16		46		56						
7	89		60		65		126						
8	90		56		5		90						
9	91		32		27		130						
70	92		46		55		98						
71	93		56		49		156						
2	94		62		43		138						
3	RETZEL 624		42		122		300						
4	PLADE 1		42		65		126						
5	3		32		32		108						
6	4		90		90		132						
7	5		56		65		186						
8	18		42		37		158						
9	19		62		65		180						
80	ACHARLIE 176		100		55	x	800						

ATLAS EXPLORATIONS LIMITED

3

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-41 Weight of Sample 0.20 gm

From HESS-DEX Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used 5 mls

Date August 15 '68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	P.LAMOUF 2		23		16		38						
82	6		22		33		36						
83	7		30		25		152						
84	8		15		54		43						
85	9		13		3		43						
86	10		10		40		49						
87	11		15		19		48						
88	12		10		22		51						
89	13		25		22		47						
90	14		15		25		45						
91	15		23		12		20						
92	16		10		23		18						
93	17		16		45		40						
94	20		25		19		45						
95	21		18		16		40						
96	A. CHARLIE 174		53		12	x	250						
97	175		38		8		215						
98	179		34		25		181						
99	180		34		85		187						
100	181		50		38	x	430						
101	182		30		3		212						
102	183		28		19		233						
103	184		30		12	x	250						
104	185		40		35	x	320						
105	186		30		3		210						
106	187		50		22	x	320						
107	188		45		22	x	380						
108	189		50		28	x	340						
109	190		31		5		118						
110	191		35		22		193						
111	P.DEAN 353		31		16		76						
112	358		25		12		35						
113	359		28		3		116						
114	360		25		35		109						
115	361		15		16		147						
116	362		13		52		121						
117	363		16		19		43						
118	364		18		23		235						
119	365		15		10		88						
120	368		16		30		40						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 66-HO-41 Weight of Sample 0.200 gm

From HESS-OEX Extraction Aqua regia hot

Tested For Cu, Pb, Zn Volume Used 10 ml

Date August 14/69 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	ACME 177		60		42		300						
122	178		62		27		374						
123	DOCAN 347		190		55	X	800						
124	348		70		37		96						
125	349		36		27		72						
126	350		46		32		104						
127	351		93		27	X	1180						
128	352		70		60		320						
129	354		32		37		50						
130	355		46		32		26						
131	356		62		37		104						
132	357		50		32		96						
133	366		68		19		132						
134	367		26		19		70						
135	369		56		37		50						
136	370		46		32		66						
137	371		90		27		66						
138	372		30		80		50						
139	373		80		19		54						
140	376		46		37		40						
141	377		112		50		490						
142	379		136		50		494						
143	380		12		60		64						
144	381		210		50	X	760						
145	382		66		27		130						
146	383		46		42		108						
147	DOCAN-S 56		30		65	X	~~374~~	500					
148	57		42		75		314						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-M-41 Weight of Sample 0.2 gm

From HESS-OEX Extraction H2O / HCl

Tested For Cu, Pb, Zn Volume Used 5 mls.

Date August 16 1968 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
149	TCONES 58		13		14		141						
150	59		10		10		187						
151	60		9		16		155						
152	P DUP 374		N.D.		42		35						
153	375		87		16		x 2470						
154	378		160		35		x 3000						
155	384		9		28		79						
156	R DUP 156		8		19		66						
157	157		9		12		65						
158	158		9		14		54						
159	159		9		30		63						
160	160		10		14		44						
161	161		13		40		45						
162	162		10		16		44						
163	163		8		10		68						
164	164		10		12		52						
165	165		10		14		63						
166	166		9		16		42						
167	167		13		16		40						
168	168		8		14		75						
169	169		13		19		43						
170	170		8		12		36						
171	171		5		8		45						
172	172		18		12		38						
173	173		9		14		40						
174	174		13		10		48						
175	175		9		16		42						
176	176		10		12		44						
177	177		5		12		36						
178	178		8		5		35						
179	179		8		14		40						
180	180		5		25		36						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-140-44 Weight of Sample 0.200gm

From HESS-OEX Extraction hot HCl

Tested For Cu, Pb Zn Volume Used 5mls

Date 8 19/11/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	A.CHARLIE 194		10		23		43						
2	196		28		14		95						
3	197		2		10		118						
4	199		10		14		178						
5	200		8		22		210						
6	204		10		12		157						
7	208		9		64	X	1550						
8	210		95		90	XX	19000						
9	215		8		35		136						
10	216		1		43		126						
1	218		8		14		52						
2	221		5		45		51						
3	222		10		40	x	400						
4	223		10		16		111						
5	224		8		16		20						
6	225		8		14		20						
7	226		9		16		20						
8	228		9		10		24						
9	232		13		14		28						
20	234		10		10		17						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-40-44 Weight of Sample 0.200gm

From NESS - OEX Extraction 1/2 HCl

Tested For Cu, Pb Zn Volume Used 5ml's

Date 19/8/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
21	P. CLARIDGE 302		15		66	X	350						
2	303		21		33	X	400						
3	304		25		33	X	680						
4	305		18		30	X	330						
5	306		15		59	X	470						
6	307		15		28	X	420						
7	308		13		40	X	172						
8	309		25		76		161						
9	310		15		52		114						
0	311		13		45		36						
31	312		8		23		15						
2	313		15		45		242						
3	314		10		50		235						
4	315		16		69	X	290						
5	316		16		56	X	270						
6	317		15		39		215						
7	318		13		25		97						
8	319		5		61		71						
9	320		5		38		71						
40	321		8		33		71						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-44

From HESS OEX

Tested For Cu, Pb, Zn

Date Aug. 19/68

Weight of Sample .2 gram

Extraction HOT HCl

Volume Used 5 ml.

Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	R.Retzel 627		35		114	x	360						
2	628		28		75	x	330						
3	629		30		54		242						
4	630		16		40		51						
5	631		15		8		18						
6	632		10		25		22						
7	633		15		14		18						
8	634		15		5		23						
9	635		16		14		27						
0	636		21		25		38						
51	637		34		14		48						
2	638		18		12		28						
3	639		10		14		18						
4	640		10		10		13						
5	641		9		8		13						
6	642		16		10		27						
7	643		9		19		18						
8	644		10		5		15						
9	645		8		5		20						
0	A.Charlie 173		52		10	x	860						
61	B.Waugh 229		18		30		20						
2	230		9		33		10						
3	231		9		5		9						
4	232		8		14		18						
5	233		5		14		9						
6	234		8		5		8						
7	235		8		N.D.		9						
8	236		8		N.D.		10						
9	237		10		12		8						
0	238		8		25		10						
71	239		10		10		24						
2	240		9		10		15						
3	241		8		3		9						
4	242		2		16		9						
5	243		4		28		9						
6	244		9		12		12						
7	245		2		14		9						
8	246		2		10		6						
9	247		N.D		5		9						
80	248		8		10		12						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

4

Report Number 68-110-44 Weight of Sample 0.2 gm

From HESS - OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 19/68 Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
81	A.CHARLIE-192		50		ND		98						
2	193		30		70		76						
3	195		32		27	X	840						
4	198		36		90		282						
5	201		20		32		396						
6	202		20		32		290						
7	203		26		43		314						
8	205		36		108	X	1260						
9	206		30		90	X	1060						
90	207		36		43		374						
91	209		46		137	XX	40,800						
2	211		106		70	X	1200						
3	212		36		85	X	940						
4	213		50		27		146						
5	214		46		24		108						
6	217		36		24		290						
7	219		30		85	X	600						
8	220		36		75		176						
9	227		36		43		102						
100	229		30		19		88						
101	231	42	~~52~~		27		72						
2	232		32		37		96						
3	233		32		27		98						
4	235		16		46		94						
5	236		36		32		102						
6	T.LADUE - 95		26		19		58						
7	96		26		27		64						
8	97		10		19	68	~~94~~						
9	98		20		19		94						
110	99		36		37		72						
111	100		32		27		90						
2	101		30		5		54						
3	102		26		10		80						
4	103		26		27		106						
5	104		26		15		96						
6	105		32		43		102						
7	106		16		27		64						
8	107		20		27		86						
9	108		36		19		80						
120	109		26		19		70						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-44 | Weight of Sample .2 grm

From HESS OEX | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 10 ml.

Date August 19/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	J. LADUE 110		62		19		106						
2	111		36		10		72						
3	112		18		5		40						
4	113		15		27		68						
5	114		16		24		64						
6	115		20		15		98						
7	116		16		19		72						
8	117		10		5		10						
9	118		26		19		118						
0	119		30		32		326						
131	120		30		15	X	[illegible]	660					
2	121		36		19		210						
3	122		60		10		414						
4	123		90		27		332						
5	124		60		19	X	840						
6	125		36		15	X	700						
7	126		50		5		450						
8	127		18		10		204						
9	128		20		10		286						
0	129		26		19		72						
141	130		20		5		300						
2	131		30		10		450						
3	132		104		5	X	1460						
4	133		70		15	X	1500						
5	134		92		15		326						
6	134 (A)		84		24		194						
7	135		18		5		80						
8	136		42		ND		24						
9	137		56		N.D		98						
0	138		50		10		58						
151	139		46		27		228						
2	140		42		19		112						
3	141		36		19		184						
4	142		62		19		340						
5	143		36		5		350						
6	144		46		5		276						
7	145		30		32		142						
8	146		26		5		66						
9	147		36		N.D.		160						
1600	148		32		N.D.		180						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-44 Weight of Sample 0.2029 m

From HESS-OEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 mls

Date August 20 / 68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
121	B.WAUGH 251		28		23	x	350						
122	252		10		28		69						
123	253		10		19		69						
124	254		13		16		63						
125	255		10		16		73						
126	256		16		16		63						
127	257		15		14		114						
128	258		18		28		163						
129	259		13		23		95						
130	260		15		14		121						
131	261		10		16		81						
132	262		18		19		187						
133	263		9		14		102						
134	264		18		12		157						

ATLAS EXPLORATIONS LIMITED

8 6

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-40-44 Weight of Sample 0.2 gm

From HESS-OEX Extraction Hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 m/s

Date August 20/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
135	J. LADUE 149		36		ND		104						
136	150		46		15		112						
137	151		26		5		130						
138	152		46		50		136						
139	153		56		27		168						
140	154		50		5		40						
141	155		46		50		106						
142	B. WAUGH 249		56		19		200						
143	250		32		19		132						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HL-45

From HESS ROAD (LAB)

Tested For Cu, Pb, Zn,

Date Aug 18/68 Soil

Weight of Sample 0.200 gm

Extraction hot aqua regia

Volume Used 10 mls

Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	L.8 4800N		32		19		76						
2	4700N		32		37		66						
3	4800N		26		15		72						
4	4900N		26		27		56						
5	5000N		18		24		50						
6	5100N		26		37		46						
7	5200N		30		37		96						
8	5300N		32		27		104						
9	5400N		30		43		98						
10	5500N		50		24		98						
1	5600N		42		24		98						
2	5700N		50		19		104						
3	5800N		42		19		104						
4	5900N		36		60		204						
5	L.16 4900N		30		55		150						
6	4300N		42		55		72						
7	4400N		20		27		72						
8	4500N		50		104		94						
9	4600N		16		15		26						
20	4700N		20		55		19						
1	4800N		30		65		34						
2	4900N		20		19		38						
3	5000N		16		27		40						
4	5100N		10		19		36						
5	5200N		30		137		168						
6	5300N		32		137		186						
7	5400N		36		146		204						
8	5500N		56		150		222						
9	5600N		26		19		40						
30	5700N		16		37		30						
1	5800N		20		19		38						
2	5900N		20		43		28						
3	6000N		16		15		40						
4	6100N		4		37		72						
5	6200N		4		19		56						
6	6300N		18		32		50						
7	6400N		18		43		60						
8	6500N		16		15		48						
9	6600N		18		70		68						
40	6700N		18		50		76						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-HL-45 | Weight of Sample 0.200gm

From HESS-PROP (LAD) | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5cm/s

Date 18/8/68 | Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	P.LADUE 130		8		14		8						
42	131		15		14	x	520						
43	132		16		10		212						
44	133		28		12		210						
45	134		9		19		62						
46	135		16		22		138						
47	136		9		19		25						
48	137		15		10		157						
49	138		8		10		23						
50	139		18		28	XX	3300						
51	140		9		22	x	400						
52	141		10		16	x	280						
53	142		16		8		30						
54	143		21		10		53						
55	144		18		10		95						
56	145		13		10		168						
57	146		10		8		9						
58	147		13		8		131						
59	89		2		16		82						
60	90		2		12		9						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 08-HL-45 Weight of Sample .2 gram

From HESS PROP LAD Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn Volume Used 5 ml.

Date Aug 18/08 Analyst

SOIL

SAMPLE NUMBER OURS	YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
61	L16 68+00N	26	~~44~~		75		84						
2	69+00N	32	~~48~~		50		86						
3	70+00N	26	~~14~~		50		66						
4	71+00N	30	~~18~~		108		96						
5	72+00N	26	~~20~~		50		108						
6	73+00N	36	~~44~~		50		80						
7	74+00N	30	~~28~~		90		58						
8	75+00N	18	~~40~~		46		70						
9	76+00N	20	~~40~~		32		8						
0	77+00N	18	~~10~~		32		18						
71	78+00N		10		46		16						
2	79+00N		10		50		12						
3	80+00N		16		27		26						
4	81+00N		18		46		36						
5	82+00N		16		27		36						
6	83+00N		16		27		26						
7	84+00N		18		60		44						
8	85+00N		10		32		34						
9	86+00N		18		50		30						
6	87+00N		18		27		20						
81	88+00N		18		27		16						
2	89+00N		26		37		34						
3	91+00N		8		50		18						
4	92+00N		16		27		40						
5	93+00N		20		60		46						
6	94+00N		18		65		16						
7	95+00N		20		32		50						
8	96+00N		30		80		98						
9	97+00N		18		60		96						
0	98+00N		32		60		70						
91	99+00N		26		37		86						
92	101+00N		20		50		90						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-45 Weight of Sample 0.2 gm

From HESS-PROP (LAD) Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 m/s

Date 19/8/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
93	P.LADUE 91		10		23		131						
4	92		9		14		42						
5	93		5		28		32						
6	94		10		19	36	[illegible]						
7	95		9		43	52	[illegible]						
8	96		9		19	66	[illegible]						
9	97		10		28		49						
0	98		8		4		27						
1	99		5		19		32						
2	100		2		19		32						
103	101		13		23		56						
4	102		8		12		49						
5	103		2		10		18						
6	104		5		16		36						
7	105		15		35		60						
8	106		5		19		59						
9	107		5		14		25						
0	108		21		19	x	280						
1	109		8		14		245						
2	110		8	x	500		12						
113	111		15		22		145						
4	112		15		23		123						
5	T.CHARLIE 100		15		12		42						
6	101		45		14		160						
7	102		97		10		194						
8	103		46		19		109						
9	104		31		23		90						
0	105		45		23		93						
1	106		13		23		49						
2	107		13		12		36						
123	108		10		35		40						
4	109		16		19		45						
5	110		10		25		43						
6	111		34		10		178						
7	112		15		16		52						
8	113		9		14		36						
9	114		8		19		40						
0	153		9		22		49						
1	134		5		16		29						
132	139		8		12		15						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-HL-45 Weight of Sample 0.200gm

From HESS - PROP (LAD) Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5mls

Date 19/8/68 Analyst

S167

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
33	T.CHARLIE 115		16		3		32						
4	116		10		19		15						
5	117		8		14		18						
6	118		10		19		19						
7	119		8		14		17						
8	120		8		10		15						
9	121		5		ND		15						
0	122		2		14		51						
1	123		8		14		36						
2	124		10		16		30						
143	125		10		10		17						
4	126		8		10		22						
5	127		8		19		24						
6	128		16		14		13						
7	129		8		14		30						
8	130		13		10		43						
9	131		15		14		18						
0	137		5		10		24						
1	140		2		10		20						
2	141		9		14	15	~~36~~						
153	142		5		23		8						
4	144		5		16		8						
5	146		8		33		10						
6	T.CHARLIE 100		5		33		10						
7	101		8		10		12						
8	102		5		16		10						
9	103		8		33		24						
0	104		10		12		17						
1	105		8		23		10						
2	106		9		14		13						
163	107		8		19		9						
4	108		5		10		11						
5	109		10		23		56						
6	110		9		23		25						
7	111		8		23		33						
8	112		10		14		44						
9	113		13		22		27						
0	114		5		5		24						
1	115		8		16		22						
172	116		10		50		57						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68 - HL - 45 Weight of Sample .2 gram

From Hess Road (Lab) Extraction HOT HCl

Tested For Cu, Pb, Zn Volume Used 5 ml

Date August 19/68 " Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
173	LOE 84+50N		13		25		40						
4	E CHARLIE 117		10		33		63						
5	118		38		23		105						
6	119		52		22		163						
7	120		18		23		105						
8	121		72		66		152						
9	122		87		73		160						
0	123		67		54		178						
1	124		10		22		75						
2	125		13		23		62						
183	126		10		19		40						
4	127		70		43	X	540						
5	128		140		30	X	1500						
6	129		182		30	X	~~580~~	560					
7	130		10		19		81						
8	131		10		40		18						
9	132		10		25		52						
0	133		23		28		59						
1	134		15		33		49						
2	135		8		16		42						
193	136		5		25		34						
4	138		8		38		36						
5	139		53		38		123						
6	140		42		25		147						
7	141		40		23		97						
8	142		63		54		195						
9	143		21		35		133						
0	144		21		40		126						
1	145		30		28		114						
2	146		31		25		114						
103	147		18		19		54						
4	148		21		35		63						
5	149		25		38		121						
6	150		34		30		126						
7	151		23		28		118						
8	152		31		22		121						
9	154		50		16	X	420						
110	153		40		33		131						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HL-45 | Weight of Sample 0.200 gm

From HESS-Roar (LEAD) | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5mls

Date 19/8/68 | Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
211	PLAQUE 113	25	~~40~~		61	x	320						
2	114	34	~~44~~		52	x	400						
3	115	28	~~49~~		47	x	660						
4	116	34			19		150						
5	117		18		38		49						
6	118		23		23		49						
7	119		25		14		141						
8	120		18		19		97						
9	121		23		23		201						
0	122		21		30		198						
221	123		18		35		69						
2	124		15		61		73						
3	125		10		33		76						
4	126		34		28		78						
5	127		97		35	x	360						
6	128		40		19		62						
7	129		18		61		109						
~~8~~													
~~9~~													
~~30~~													

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 69-HL-45' Weight of Sample 0.2 gm

From HESS PROPERTIES (LHD) Extraction 5:1:1 HCl

Tested For Cu, Pb, Zn Volume Used 5 mls

Date August 14/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
228	T.CHARLIE-132		16		5		48						
229	135'		10		ND		40						
230	136		8		8		19						
231	137		5		6		36						
232	138		5		33		12						
233	143		5		19		10						
234	145		8		22		22						
235'	147		8		14		42						
236	148		16		3		18						
237	149		31		28		53						
238	150		28		28		86						
239	151		28		16		60						
240	152		28		3		42						
241	153		30		5		36						
242	154		21		ND		23						
243	155'		23		5		33						
244	156		18		8		15						
245'	G. JOHNNY - 1		21		10		145						
246	2		30		28		168						
247	3		30		14		163						
248	4		46		33	X	360						
249	5		223		118	X	1330						
250	6		145		40	X	450						
251	7		78		19		95						
252	8		15		14		25						
253	9		31		12		168						
254	10		63		23	X	360						
255	11		13		10		96						
256	12		28		14		116						
257	13		31		10	X	400						
258	14		52		28	X	360						
259	15		67		19	X	420						
260	16		38		14	X	520						
261	17		21		14		212						
262	18		13		10		104						
263	19		21		N.D.		233						
264	20		21		N.D.	X	510						
265	21		8		5		18						
266	22		10		19		12						
267	23		10		12		27						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(9)

Report Number 68-NL-45

From HESS PROPERTIES (LAD)

Tested For Cu, Pb, Zn

Date August 19/68

Soil

Weight of Sample 0.200gm

Extraction hot aqua regia

Volume Used 10mls

Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
268	T.CHARLIE-153	50	~~10~~		42		130						
9	T.ACKLACK 1	70	~~10~~		46		108						
270	2	46	~~8~~		27		98						
1	3	36	~~5~~		15		60						
2	4	26	~~5~~		24		86						
3	5	60	~~5~~		46	X	1380						
4	6	56	~~8~~		32	X	1240						
5	7	36	~~8~~		27		286						
6	8	46	~~16~~		37		150						
7	9	36	~~3~~		37		102						
278	10	46	~~28~~		27		124						
9	11	30	~~28~~		37		124						
280	12	46	~~38~~		24		142						
1	13	26	~~30~~		70		138						
2	14	20	~~21~~		32		164						
3	15	32	~~23~~		50		210						
4	16	20	~~18~~		37		72						
5	17	26	~~21~~		24		104						
6	18	30	~~30~~		27		98						
7	19	36	~~50~~		19		80						
288	20	32	~~46~~		24		90						
9	21	30	~~223~~		24		106						
290	22	32	~~145~~		27		94						
1	23	42	~~78~~		37		86						
2	24	42	~~15~~		27		70						
3	25	26	~~3~~		46		72						
4	26	20	~~163~~		32		76						
5	27	26	~~13~~		27		80						
6	29	32	~~28~~		27		106						
7	31	32	~~31~~		27		402						
298	32	26	~~52~~		24		252						
9	33	42	~~64~~		24		368						
300	34	18	~~38~~		24		294						
1	35	42	~~21~~		32		222						
2	36	30	~~13~~		24		214						
3	37	30	~~21~~		19		184						
4	38	42	~~21~~		24		304						
5	39	36	~~8~~		19		294						
6	40	32	~~10~~		19		272						
307	41	30	~~10~~		24		114						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(10)

Report Number 68-HL-45 | Weight of Sample 0.200gm

From HESS-Prop(LAD) | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 m/s

Date Aug. 20/68 Soil | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
308	J. ACKHURST 42		56		43		262						
9	43		100		32		390						
0	44		36		15		332						
1	45		42		15		294						
2	46		32		24		104						
3	47		62		15		146						
4	48		68		19		132						
5	49		80		27		176						
6	50		100		19		344						
7	51		80		19		380						
318	52		50	24	[illegible]		460						
319	53		36		43		266						
0	54		42		37		150						
1	55		50		46		114						
2	56		60		46		164						
3	57		46		27		104						
4	58		32		15		176						
5	59		60		27		164						
6	60		56		19		314						
7	61		50		24		160						
328	62		36		24		200						
329	63		50		24		176						
0	64		56		32		204						
1	65		32		27		218						
2	66		42		37		318						
3	67		36		15		396						
4	68		30		46		266						
5	69		42		43		214						
6	70		42		27		262						
7	71		56		15		228						
338	72		46		37		194						
339	73		30		24		186						
0	74		50		27		336						
1	75		46		27		256						
2	76		46		43		222						
* 3	77		36		43		120						
4	78		20		37		130						
5	79		42		15		90						
6	80		32		37		114						
347 *	T. BROCK 221		30		65		72						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(11)

Report Number 68-HL-45 | Weight of Sample 0.200gm

From HESS-LAD (HESS PROP) | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10mls

Date 20/8/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
348	T.BROCK 123	56	60/		27		98						
9	206	80	84/		32		456						
350	201	32	42/		19		72						
1	203	30	37/		27		112						
2	205	36	30/		15		84						
3	206	90	60/		24		386						
4	207	36	70/		50		362						
5	209	60	84/		32		444						
6	210	104	92/		30		424						
7	212	76	80/		32		300						
358	212	32	67/		43		184						
9	213	36	56/		24		68						
360	214	42	56/		94	x	880						
1	216	56	60/		70		222						
2	(A) 216	46	68/		65		252						
3	217	30	62/		70		162						
4	224	26	36/		32		72						
5	225	60	68/		43		86						
6	226	46	80/		19		96						
7	227	42	56/		19		88						
368	228	42	42/		46		256						
9	229	42	68/		46		190						
370	230	32	62/		37		162						
1	231	42	46/		24		114						
2	232	32	56/		43		132						
3	233	26	30/		24		124						
4	234	42	36/		50		164						
5	235	60	62/		50		172						
6	236	46	42/		32		106						
7	237	50	46/		24		252						
378	238	36	42/		24		98						
0	239	30	30/		19		72						
380	240	42	60/		15		310						
1	241	56	46/		24		314						
2	242	42	36/		15		108						
3	*244	36	36/		10		150						
4	245	16	20/		24		72						
5	246	36	42/		15		146						
6	247	42	32/		50		152						
7	248	36	56/		24		204						

ATLAS EXPLORATIONS LIMITED 12

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-45 Weight of Sample 0.200gm

From HESS PROPERTIES (LAD) Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 ml's

Date August 20/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
388	J.Acklack-28		10		33		43						
389	~~30~~		18		23		143						
390	A.JOHNNY 24		9		23		34						
391	25		10		23		40						
392	26		5		19		49						
393	27		13		23		36						
394	28		8		19		36						
395	29		8		19		25						
396	30		9		12		34						
397	31		5		12		24						
398	32		9		16	35	~~45~~						
399	33		9		30		36						
400	34		8		22		54						
401	35		10		22		49						
402	36		9		25		56						
403	37		8		16		40						
404	38		15		52		62						
405	T.BROCK 204		21		23		54						
406	208		15		19		59						
407	920		31		30		36						
~~408~~													

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-45

From HESS PROPERTIES (LAD)

Tested For Cu, Pb, Zn

Date August 20/68

Soil

Weight of Sample 0.200gm

Extraction hot aqua regia

Volume Used 10 mls

Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
408	BL 5200E		30		32		36						
409	T.BRUK 222		90		32		104						
410	223		50		24		194						
411	249		62		100		266						

80

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-NL-47 | Weight of Sample 0.2 gms

From HESS PROPERTIES (LAD) | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 mls

Date August 22/68 | Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	L.8W-1400S		46		55		84						
2	2+00S		50		46		168						
3	3+00S		186		43		56						
4	4+00S		191		55		180						
5	5+00S		56		75		8						
6	6+00S		216		50		80						
7	7+00S		104		60		50						
8	8+00S		106		46		72						
9	9+00S		134		117		142						
10	10+00S		50		94		20						
11	11+00S		130		100		84						
12	12+00S		140		15		50						
13	13+00S		90		80		44						
14	14+00S		46		75		56						
15	15+00S		76		70		6						
16	16+00S		26		10		2						
17	17+00S		120		70		106						
18	18+00S		50		60		60						
19	19+00S		20		10		N.D						
20	20+00S		18		32		~~44~~	18					
21	21+00S		16		80		12						
22	22+00S		16		32		N.D						
23	23+00S		16		55		12						
24	24+00S		52		70		26						
25	25+00S		18		46		16						
26	41+00S		36		60		72						
27	41+00S		56		122		64						
28	42+00S		46		85		90						
29	43+00S		30		55		80						
30	44+00S		52		15		88						
31	45+00S		20		27		12						
32	46+00S		26		19		80						
33	47+00S		30		100		70						
34	48+00S		30		37		08						
35	49+00S		26		55		98						
36	50+00S		26		43		60						
37	51+00S		26		65		72						
38	52+00S		20		57		90						
39	53+00S		26		108		104						
40	54+00S		42		46		112						

80

(2)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-47 | Weight of Sample 0.200gm

From HESS + ROAD (LEAD) | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10mls.

Date 23/8/68 | Analyst

soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	L.8W 55000S		32		32		194						
2	56000S		36		43		252						
3	57000S		50		27		262						
4	58000S		70		100		336						
5	59000S		100		60		396						
6	60000S		32		20		136						
7	61000S		30		24		152						
8	62000S		36		27		200						
9	63000S		36		32		232						
0	64000S		46		27		424						
51	65000S		68		90		252						
2	66000S		70		43		236						
3	67000S		80		55		246						
4	68000S		84		43		232						
5	69000S		68		46		236						
6	70000S		26		19		104						
7	71000S		10		24		84						
8	72000S		16		15		130						
9	73000S		104		94		218						
0	74000S		92		80		158						
61	75000S		18		19		38						
2	77000S		10		37		40						
3	78000S		30		32		94						
4	79000S		26		37		94						
5	80000S		50		37		168						
6	81000S		50		50		150						
7	82000S		46		46		118						
8	83000S		36		46		124						
9	84000S		50		46		136						
0	L.16E 40+00S		60		60		156						
71	41000S		56		55		158						
2	42000S		68		60		180						
3	43000S		68		37		172						
4	44000S		80		60		214						
5	45000S		42		50		104						
6	46000S		42		65		98						
7	47000S		46		55		126						
8	48000S		56		80		142						
9	49000S		50		104		118						
80	50000S		30		46		94						

48

(3)

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-47 | Weight of Sample 0.200gm

From HESS-PROP (LAD) | Extraction hot aqua regia

Tested For Cu, Pb, Zn, | Volume Used 10ml/s

Date 23/8/68 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	L.16E-5+00S		30		55		102						
2	5+00S		30		37		102						
3	5+00S		20		85		102						
4	5+00S		26		50		104						
5	5+00S		50		122		156						
6	5+00S		62		127		190						
7	5+00S		62		137		228						
8	5+00S		68		127		190						
9	5+00S		26		15		50						
90	6+00S		20		27		70						
91	6+00S		26		24		88						
2	6+00S		16		24		66						
3	6+00S		16		50		86						
4	6+00S		26		37		90						
5	6+00S		42		37		76						
6	6+00S		18		10		30						
7	6+00S		2		10		30						
8	6+00S		2		43		48						
9	6+00S		4		27		40						
100	7+00S		10		27		46						
101	7+00S		18		24		72						
2	7+00S		4		24		50						
3	7+00S		10		32		66						
4	7+00S		16		46		86						
5	7+00S		16		60		130						
6	7+00S		16		24		126						
7	7+00S		26		70		142						
8	7+00S		18		32		36						
9	7+00S		20		94		130						
110	8+00S		30		70		108						
1	8+00S		20		43		107						
2	8+00S		26		46		86						
3	8+00S		26		46		94						
4	8+00S		30		43		102						
5	L 8. 1+00N		50		104		152						
6	2+00 N		36		75		158						
7	3+00 N		10		50		25						
8	4+00N		2		10		26						
9	5+00N		4		46		36						
120	6+00N		26		70		76						

ATLAS EXPLORATIONS LIMITED

4 CB

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-47 — Weight of Sample 0.2 grams

From HESS PROP (LAB) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 10 m/s

Date August 23/68 — Analyst

S-SZ

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
121	L8 700N		46		94		194						
2	900N		56		108		194						
3	1000N		70		146		210						
4	1100N		52		19		68						
5	1200N		30		27		66						
6	1300N		30		24		34						
7	1400N		42		24		36						
8	1500N		36		37		40						
9	1600N		50		43		54						
130	1700N		46		37		46						
1	1800N		52		32		84						
2	1900N		32		55		86						
3	2000N		42		55		98						
4	L8E 100N		80		223		88						
5	200N		84		180		150						
6	300N		76		146		136						
7	400N		76		32		88						
8	500N		68		24		94						
9	BL 000E		30		19		66						
140	100E		92		27		162						
1	200E		116		46		172						
2	300E		116		55		168						
3	400E		116		50		214						
4	500E		178		43		272						
5	600E		140		37		246						
6	700E		120		27		336						
7	800E		210		55		414						
8	900E		134		37		368						
9	BLE 1700E		16		32		30						
150	1800E		30		19		84						
1	1900E		30		27		40						
2	2000E		20		27		64						
3	2100E		20		32		76						
4	2200E		16		32		26						
5	2300E		10		24		12						
6	2400E		10		10		20						
7	BL 100W		110		43		120						
8	200W		110		32		120						
9	300W		144		32		172						
160	400W		50		15		36						

8

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-HL-47 | Weight of Sample 0.200gm

From HESS-PROP (LAD) | Extraction Aqua regia

Tested For Cu, Pb, Zn | Volume Used 10m/s

Date 23/8/68 | Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
161	B.L. 500W	62	~~30~~		32		98						
2	600W	20	~~52~~		10		18						
3	700W	26	~~52~~		43		54						
4	800W	26	~~30~~		15		46						
5	1000W	46	~~50~~		50		106						
6	4.24E 4100S	20	~~68~~		32		18						
7	4200S	18	~~64~~		24		48						
8	4300S	18	~~58~~		24		44						
9	4400S	20	~~44~~		19		50						
0	4500S	20	~~20~~		37		40						
171	4600S		32		32		68						
2	4700S		36		43		68						
3	4800S		42		70		106						
4	4900S		42		60		114						
5	5000S		42		60		106						
6	5100S		42		55		108						
7	5200S		26		50		70						
8	5300S		26		37		80						
9	5400S		20		37		66						
0	5500S		36		37		68						
181	5600S		32		32		68						
2	5700S		30		43		54						
3	5800S		26		27		40						
4	5900S		36		15		66						
5	6000S		46		15		30						
6	6500S		30		43		94						
7	6600S		32		47		90						
8	6700S		46		43		114						
9	6800S		32		43		70						
0	6900S		26		19		16						
191	7000S		16		27		26						
2	7100S		50		60		124						
3	7200S		32		65		48						
4	7400S		26		37		64						
5	(A) 7400S		20		50		70						
6	7500S		10		19		16						
7	7600S		18		60		40						
8	7700S		20		80		76						
9	7800S		18		46		56						
200	7900S		20		19		56						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6) 80

Report Number 68-HL-47 — Weight of Sample 0.2 gm

From HESS PROP (LAD) — Extraction hot aqua regia

Tested For Cu, Pb, Zn — Volume Used 7 mls

Date August 23/68 — Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
201	1.24E 80+00S		26		46		50						
2	81+00S		18		32		40						
3	82+00S		18		14		38						
4	83+00S		20		46		44						
5	84+00S		10		37		8						
6	1.24E 41+00N		10		5		18						
7	42+00N		20		43		18						
8	43+00N		18		5		20						
9	44+00N		5		46		24						
210	45+00N		10		10		12						
1	46+00N		36		27		58						
2	47+00N		30		27		48						
3	48+00N		2		15		50						
4	49+00N		5		10		34						
5	50+00N		40		43		80						
6	51+00N		18		32		46						
7	52+00N		5		55		20						
8	53+00N		5		37		26						
9	54+00N		5		10		16						
220	55+00N		5		19		16						
1	56+00N		2		60		10						
2	57+00N		5		27		38						
3	58+00N		2		19		2						
4	59+00N		2		65		34						
5	60+00N		10		24		34						
6	61+00N		5		37		66						
7	62+00N		10		55		50						
8	63+00N		2		80		38						
9	64+00N		20		50		38						
230	65+00N		10		60		18						
1	66+00N		20		100		186						
2	67+00N		26		104		98						
3	68+00N		20		65		104						
4	69+00N		16		37		46						
5	70+00N		10		70		30						
6	71+00N		5		27		26						
7	72+00N		10		55		40						
8	73+00N		10		60		12						
9	74+00N		20		55		56						
240	75+00N		5		65		54						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-47 Weight of Sample 0.2 gm

From HESS PROPERTIES (LHO) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 23/68 Analyst

9 & L

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
241	L24E 76+00N		20		70		66						
2	77+00N		5		55		54						
3	78+00N		8		60		38						
4	79+00N		16		70		5						
5	80+00N		10		32		24						
6	81+00N		10		112		64						
7	82+00N		26		180		10						
8	83+00N		2		15		2						
9	84+00N		10		32		16						
250	85+00N		16		42		10						
1	86+00N		20		15		30						
2	87+00N		26		10		26						
3	88+00N		5		24		56						
4	89+00N		5		27		16						
5	90+00N		2		40		26						
6	91+00N		5		50		6						
7	92+00N		5		24		28						
8	93+00N		5		15		20						
9	94+00N		16		43		16						
260	95+00N		5		10		16						
1	96+00N		20		5		26						
2	97+00N		20		10		16						
3	98+00N		18		24		8						
4	99+00N		10		19		20						
5	100+00N		5		24		16						
6	101+00N		32		31		50						
7	102+00N		18		32		28						
8	103+00N		2		5		10						
9	104+00N		16		10		24						
270	105+00N		2		50		24						
1	L24W-84+00N		20		43		56						
2	85+00N		18		15		40						
3	86+00N		5		37		50						
4	87+00N		2		55		36						
5	90+00N		26		32		50						
6	91+00N		2		32		10						
7	92+00N		10		19		16						
8	93+00N		10		60		8						
9	94+00N		2		5		6						
280	95+00N		36		50		68						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

8.80.

Report Number 68-HL-47 | Weight of Sample .2 gram

From Hess Prop (LAD) | Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn | Volume Used 10 ml.

Date Aug 23/68 | Analyst

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
281	L24W 96+00N		30		55		64						
2	97+00N		56		46		102						
3	98+00N		36		24		120						
4	99+00N		46		24		130						
5	100+00N		26		14		80						
6	101+00N		18		27		80						
7	102+00N		46		66		80						
8	103+00N		30		94		72						
9	104+00N		30		112		54						
0	105+00N		36		80		72						
291	L16W 86+00N		32		137		112						
2	87+00N		30		65		72						
3	88+00N		36		50		72						
4	89+00N		30		80		90						
5	90+00N		16		137		54						
6	91+00N		68		50		58						
7	92+00N		60		70		60						
8	93+00N		46		60		60						
9	94+00N		30		55		64						
0	95+00N		16		90		28						
301	96+00N		32		15		72						
2	97+00N		42		108		86						
3	98+00N		16		112		70						
4	99+00N		36		46		58						
5	100+00N		76		55		80						
6	101+00N		76		90		46	130					
7	102+00N		62		65		112						
8	103+00N		56		85		126						
9	104+00N		36		127		96						
0	105+00N		46		108		132						
311	L8E 76+00S		4		85		24						
340													

80

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-40-48 — Weight of Sample 0.25gm

From HESS-OEX — Extraction hot HCl

Tested For Cu, Pb, Zn — Volume Used 5 mls

Date Aug. 23/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	B. WARREN 265		42		12	x	490						
2	266		46		12		152						
3	267		31		23	x	360						
4	268		16		19	x	290						
5	269		31		19	x	570						
6	270		23		19	x	400						
7	271		50		25	x	440						
8	272		10		35		45						
9	273		9		12		32						
0	274		8		10		29						
11	275		8		22		20						
2	276		8		16		20						
3	277		8		12		25						
4	278		5		16		23						
5	279		10		14		42						
6	280		8		10		40						
7	281		8		16		35						
8	282		13		19		40						
9	283		15		22		30						
0	284		15		10		25						
21	285		13		14		25						
2	286		13		19		25						
3	G. SANFORD 176		25		19		71						
4	177		28		23		54						
5	178		23		23		59						
6	179		25		16		76						
7	180		23		22	56	~~67~~						
8	181		16		22	~~58~~	~~60~~						
9	182		23		16	78	~~83~~						
0	183		23		14		53						
31	184		15		10		66						
2	185		28		10		84						
3	M. AKLAK 1		13	39.5			23						
4	2		10		10		19						
5	3		9		22		18						
6	4		8		22		20						
7	5		8		12		23						
8	6		10		12		25						
9	7		8		22		18						
40	8		10		14		30						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-MO-48 | Weight of Sample 0.2gm

From HESS-OEX | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 mls

Date August 23/68 | Analyst

9012

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	LADUE 155		36		112		80						
2	156		32		112		140						
3	157		18		132		44						
4	158		30		70		136						
5	159		42		42		168						
6	160		56		24		96						
7	161		62		37		132						
8	162		32		27		140						
9	163		20		50		98						
50	164		46		75		86						
1	165		62		80		88						
2	166		42		65		94						
3	167		30		60		112						
4	168		18		132		106						
5	169		20		104		120						
6	170		16		70		98						
7	171		18		100		72						
8	172		18		90		80						
9	173		10		85		88						
60	174		76		85		414						
1	175		18		70		138						
2	176		26		75		138						
3	177		36		137		242						
4	178		42		132		232						
5	179		50		108		290						
6	180		18		75		314						
7	181		18		80		340						
8	182		60		104		420						
9	183		10		112		66						
70	184		62		150		150						
1	185		62		46		218						
2	186		76		280		236						
3	187		68		27		136						
4	188		16		15		84						
5	189		60		5		194						
6	190		20		15		126						
7	191		32		100		70						
8	192		46		85		94						
9	193		18		10		104						
80	194		36		65		158						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-48 — Weight of Sample .2 gram

From HESS OEX — Extraction HOT HCl

Tested For Cu, Pb, Zn — Volume Used 5 ml

Date Aug 23/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	M. AKULAK 9		10		19		68						
2	10		13		22		76						
3	11		15		19		76						
4	12		10		12		73						
5	13		10		10		81						
6	14		8		128		133						
7	15		10		47		93						
8	16		16		76		123						
9	17		13		61		100						
0	18		25		61		175						
91	19		16		33		60						
2	20		15		33		84						
3	21		15		19		104						
4	22		5		16		71						
5	23		9		16		88						
6	24		18		28		79						
7	25		16		28		102						
8	26		34		23		82						
9	27		65		38		116						
0	M. LADUE 615	31.5			38		190						
101	616		82		35	x	510						
2	617		18		90		247						
3	618		58		84		163						
4	619		35		76		155						
5	620		95		56	x	400						
6	621		97		43	x	300						
7	622		58		54		230						
8	623		25		61		126						
9	624		16		47		82						
0	625		46		35	x	350						
111	626		58		61	x	430						
2	627		35		66	x	360						
3	628		30		35		163						
4	629		50		50	x	400						
5	630		58		47	x	400						
6	631		165		33		114						
7	632	x	310		14		73						
8	633	40.5			47	x	790						
9	634		190		19		225						
120	635		69		25	x	560						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HS-48 | Weight of Sample 0.200gm

From HESS - OEX | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used

Date 24/8/68 | Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
121	J.LADUE 195		30		15		60						
2	196		32		24		162						
3	197		42		27		124						
4	198		30		19		136						
5	199		20		10		12						
6	200		18		32		90						
7	201		18		42		104						
8	202		20		27		102						
9	203		16		32		76						
0	204		16		32		94						
131	205		10		19		72						
2	206		16		27		120						
3	207		16		37		106						
4	208		16		46		106						
5	209		16		24		90						
6	210		4		37		68						
7	211		16		27		114						
8	212		16		27		58						
9	213		16		24		50						
0	214		16		43		72						
141	215		30		24		72						
2	216		26		32		76						
3	217		20		32		98						
4	218		20		27		90						
5	J.AKLAK 81		26		50		48						
6	82		56		75		194						
7	83		46		55		104						
8	84		62		56		156						
9	85		50		65		136						
0	86		50		37		200						
151	87		62		32		204						
2	88		80		37		236						
3	89		68		50		222						
4	90	76	~~76~~		37		180						
5	91		46		37		104						
6	92		30		50		138						
7	93		46		37		132						
8	94		42		27		152						
9	95		36		27		152						
160	96		42		24		168						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(5)

Report Number 68-HO-48 Weight of Sample 0.200 gm

From Hess-OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 ml's

Date 24/8/64 Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
161	J.AKLAK 97		30		32		164						
2	98		46		43		152						
3	99		42		27		156						
4	100		50		27		300						
5	101	X	X	X	X	X	X	NO Samples					
6	102		46		37		236						
7	103		50		24		210						
8	104		32		37		48						
9	105		30		27		46						
0	106		46		37		60						
171	107		92		32		138						
2	108		60		32		102						
3	109		46		19		108						
4	A.CHARLIE 243		50		32		108						
5	245		46		27		126						
6	248		36		27		104						
7	J.AKLAK 30		26		19		98						
8	31		26		24		104						
9	32		20		65		114						
0	33		30		55		132						
181	34		32		27		242						
2	35		56		37		76						
3	36		76		27		120						
4	37		68		15		118						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

6

Report Number 68-HO-48 — Weight of Sample 0.2 gms

From HESS-DEX — Extraction hot HCl

Tested For Cu, Pb, Zn — Volume Used 5 mls

Date August 24/68 — Analyst

SRT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
185	BLADUE 148		25		5		25						
6	149		13		93		76						
7	150		42		28		38						
8	151		34		28		53						
9	152		42		50		62						
190	153		30		33		54						
1	154		31		64		62						
2	155		31		38		65						
3	156		23		28		49						
4	157		18		10		42						
5	158		15		16		43						
6	159		28		28		53						
7	160		23		23		60						
8	(A)160		10		16		36						
9	161		8		16		52						
200	162		15		23		36						
1	163		8		12		20						
2	164		10		14		36						
3	165		8		22		25						
4	166		8		10		40						
5	167		10		30		34						
6	168		10		12		51						
7	169		10		14		45						
8	170		9		10		36						
9	171		8		22		40						
210	172		8		6		49						
1	173		9		19		38						
2	174		9		28		42						
3	175		8		16		40						
4	176		5		14		32						
5	177		10		16		34						
6	178		18		14		49						
7	179		13		25		52						
8	180		31		10		69						
9	181		13		10		42						
220	182		10		12		53						
1	183		10		22		56						
2	184		13		12		45						
3	185		10		8		47						
224	186		9		14		18						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(7)

Report Number 68-40-48 — Weight of Sample 0.200gm

From HESS-OEX — Extraction hot HCl

Tested For Cu, Pb, Zn — Volume Used 6ml/s

Date 24/2/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
225	P.LADUE 187		125		19		143						
6	188		13		8		12						
7	189		10		23		147						
8	190		16		22		247						
9	191		34		16		145						
0	192		10		19		36						
1	193		13		12		40						
2	194		30		22		184						
3	195	x	600		38	x	470						
4	196		23		14		78						
235	197		23		18		187						
6	198		45		30		143						
7	199		38		25		109						
8	200		16		10		42						
9	201		30		45		49						
0	202		21		28		104						
1	A.CHARLIE 237		10		19		38						
2	238		195		45	x	490						
3	239		76		52	x	490						
4	240		100		22	x	490						
245 W	241	x	400		38		212						
6	242		28		28		52						
7	244		13		16		73						
8	246		13		16		114						
9	247		15		23		105						
0	MARIAN 28		25		22		68						
1	29		38		23		69						
2	T.COATES 62		21		12		242						
3	63		10		10		152						
4	P.DEAN 385		31		8		14						
255	386		46		12		15						
6	387		63		19		9						
7	388		60		12		10						
8	389		135		10		19						
9	390		34		16		45						
0	391		87		19		66						
1	392		38		16		123						
2	393		30		14		223						
3	394		23		14		34						
264	395		21		12		79						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(8)

Report Number 68-HO-48 Weight of Sample 0-2 grms

From HESS-DEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 mls

Date August 24/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
265	R.DEAN 396		9		10		54						
6	397		15		12		51						
7	399		25		10		86						
8	400		21		19		163						
9	401		21		23		111						
270	402		16		22		136						
1	403		53		14		210						
2	404		10		3		20						
3	405		28		19		36						
4	406		15		22	36	62						
5	E.JOHNNY 39		9		8		18						
6	40		5		14		9						
7	41		5		10		11						
8	42		5		8		30						
9	43		5		10		22						
280	44		5		10		24						
1	45		5		16		22						
2	46		5		10		25						
3	48		8		16		20						
4	49		8		10		36						
5	50		8		12		30						
6	51		8		12		20						
7	52		5		14		30						
8	53		5		30		32						
9	54		5		28		36						
290	55		5		19		36						
1	56		10		19		33						
2	57		9		23		43						
3	58		9		19		20						
4	59		10		25		40						
5	60		8		19		33						
6	61		15		14		56						
7	62		18		5		187						
8	63		25		19		201						
9	64		16		16		90						
300	65		15		25		166						
301	66		15		10		141						
302	67		15		12		184						
303	68		16		19		123						
304	69		15		12		121						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(9)

Report Number 68-HO-48 Weight of Sample 0.2gms

From MESS-DEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5mls

Date August 24/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
305	E JOHNNY 70		13	10	~~18~~		45						
306	71		16	14	~~21~~		57						
307	72		16	14	~~20~~		62						
308	73		9	16	~~19~~		24						
309	74		8	14	~~18~~		36						
310	75		13	19	~~19~~		52						
311	NO LABOVE 636		90		81		233						
312	637		45	X	690	X	360						
313	638		65	X	730		123						
314	639		38	36.5			40						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HO-50 | Weight of Sample 0.200 gm

From HESS-OEX | Extraction hot HCl

Tested For Cu, Pb, Zn | Volume Used 5/1/5

Date 24/8/68 | Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	J.AKLAK 101		23		19		88						
2	110		42		23	x	380						
3	111		18		19		55						
4	112		53		16	x	330						
5	113		28		10		90						
6	114		30		10		47						
7	115		50		19		33						
8	116		53		19		45						
9	117		53		23		43						
0	118		65		14		43						
11	119		65		22		33						
2	120		93		23		53						
3	121		65		8		33						
4	122		30		10		40						
5	124		38	16	~~14~~		40						
6	126		40	25	~~16~~		54						
7	132		35	23	~~19~~		~~60~~						
8	133		18	25	~~14~~		49						
9	134		18	22	~~16~~		43						
0	PLAQUE 203		118		16		81						
21	205		30		19		71						
2	206		23		14		81						
3	208		10		12		48						
4	209		10		19		60						
5	210		9		10		47						
6	211		18		8		65						
7	212		13		12		59						
8	213		15		14		53						
9	214		15		14		56						
0	215		13		16		57						
31	216		13		19		51						
2	217		15		10		43						
3	218		23		12		75						
4	222		15		22		45						
5	223		9		5		40						
6	224		16		12		54						
7	219		10		12		36						
8	220		10		5		48						
9	226		28		14		52						
40	J.KLAK 138		18		19		40						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-HO-50 Weight of Sample ~200gm

From HESS-OEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5 mls

Date August 26/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	B JOHNNY 100		15		14		36						
2	101		16		12		38						
3	102		16		12		48						
4	103		21		19		51						
5	104		18		16		56						
6	105		16		8		53						
7	106		18		8		44						
8	107		8		5		27						
9	108		5		16		33						
50	109		18		10		47						
51	110		18		16		25						
2	111		15		14		43						
3	112		13		14		51						
4	113		10		14		98						
5	114		10		14		114						
6	115		13		23		130						
57	116		18		12		118						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-50 Weight of Sample .2 gram

From HESS OEX Extraction Hot HCl

Tested For Cu, Pb, Zn Volume Used 5 ml.

Date Aug 24/68 Analyst

SILT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
	J. AKALUK 123		23		12		19						
	125		28		10		44						
	127		82		16		42						
	128		28		28		36						
	129		13		28		25						
	131		50		11		30						
	P. LADUE 204		15		8		44						
	221		10		8		49						
	225		25		10		51						
	207		60		19		62						
	207		18		19		32						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-40-50 Weight of Sample ~2 grm.

From HESS OEX Extraction HOT HCl

Tested For Cu, Pb, Zn. Volume Used 5 ml

Date Aug 24/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
52	B. Waugh 287		31		45		210						
3	288		23		45		187						
4	289		16		45		168						
5	290		35		40		198						
6	291		23		33		190						
7	292		25		35		250						
8	293		30		66		250						
9	294		60		50	x	520						
0	295		46		47	x	260						
1	296		25		47		155						
62	297		38		73		215						
3	298		28		50		172						
4	299		34		35		204						
5	300		42		61		250						
6	301		25		40		184						
7	P. DEAN 406		250		81		60						
8	407	x	350		45		54						
9	408		190		33		42						
0	409	x	250		140		100						
1	411		58		61		57						
72	412	x	450		64		49						
3	413	x	400		47		57						
4	414	x	2130		225		136						
5													
6													
7													
8													
9													
0													
1													
82													
3													
4													
5													
6													
7													
8													
9													
0													
91													

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HO-50 Weight of Sample 0.200 gm

From HESS - OEA Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 ml/5

Date 25/8/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
75	T COATES 66		32		46	190	46						
6	J DICK 1		56		27	332	27						
7	2		50		32	210	32						
8	3		36		37	152	37						
9	4		30		32	200	32						
0	5		18		19		200						
1	6		16		32		94						
2	7		18		32		98						
3	8		26		27		138						
84	9		18		32		112						
85	10		36		108		186						
6	11		32		32		158						
7	12		30		32		104						
8	13		20		32		126						
9	14		20		24		164						
0	15		18		24		90						
1	16		46		27		132						
2	P DEAN 409		210		43		46						
3	MALAK 38		104		70		262						
94	39		18		75		126						
95	40		18		60		106						
6	41		32		37		86						
7	42		26		19		104						
8	43		30		27		142						
9	44		32		43		466						
0	45		32		43		80						
1	46		30		24		102						
2	47		36		24		126						
3	48		26		43		106						
104	49		84		37		284						
105	50		148		32	X	500						
6	51		36		27		326						
7	52		90		10		156						
8	53		32		27		396						
9	54		144		46		222						
0	J LADKE 219		134		43		228						
1	220		32		27		90						
2	221		30		32		66						
3	222		32		37		58						
114	223		32		32		64						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-50 — Weight of Sample .2 grm

From HESS OEX — Extraction Hot HCl

Tested For Cu, Pb, Zn, — Volume Used 5 ml

Date Aug 25/68 — Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
115	R. ETZEL 647		16		16		104						
6	648		13		14		68						
7	649		15		30		79						
8	650		16		19		73						
9	651		16		28		71						
0	652		18		25		128						
1	653		13		16		141						
2	654		15		16		128						
3	655		15		12		121						
4	656		16		14		75						
125	657		16		14		82						
6	M. LADUE 640		132		25		93						
7	641	x	920		45	x	620						
(128)	642		67		14		219		68 ~~HO 50~~				128
9	643		156		19		204						
0	644		110		25		152						
1	645	x	380		45	x	590						
2	646		58		25		195						
3	647		65		25		92						
4	648		127		23		145						
135	649		63		19		97						
6	650		42		25		160						
7	651		67		12		228						
8	652		95		12		172						
9	653		63		14		195						
0	654		30		23		31						
1	655		53		30		242						
2	656		25		16		133						
3	657		13		12		35						
4	658		72		22		82						
145	659		221		12	x	270						
6	660	x	600		23	x	660						
7	661		23		19		60						
8	662		47		19		54						
9	663	x	420		16		66						
0	664		58		22		24						
1	665		31		23		18						
2	666		127		25		18						
3	667		103		33		20						
154	668		450		22		25						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET (6)

GEOCHEMICAL

Report Number 68-HO-50 Weight of Sample 0.200gm

From HESS - OEX Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 6ml/s

Date 25/9/68 Analyst

SICT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
155	G. JOHNNY 100		16		12		47						
6	101		15		12		49						
7	102		15		19		52						
8	103		23		19		66						
9	104		15		14		68						
0	105		15		10		57						
1	106		23		5		49						
2	107		9		12		36						
3	108		8		12		38						
4	109		18		10		76						
165	110		15		22		40						
6	111		13		12		62						
7	112		10		10		75						
8	113		10		10		66						
9	114		15		16		84						
0	115		21		16		86						
1	116		18		19		79						
2	76		18		10		68						
3	77		23		10		73						
4	78		16		12		79						
175	79		25		28		76						
6	~~80~~		15		19		62						
7	81		16		19		44						
8	82		21		5		44						
9	83		25		12		76						
0	84		47		14		105						
1	85		28		22		107						
2	86		16		23		175						
3	87		9		16		35						
4	88		70		19		107						
185	89		28		14		76						
6	90		82		14		123						
7	91		21		12	54	~~108~~						
8	92		13		8	52	~~109~~						
9	93		15		10	54	~~108~~						
0	94		13		8		49						
1	95		10		5		57						
2	96		13		14		56						
3	97		21		12		60						
194	98		15		14		65						
195	99		23		12		54						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-50 Weight of Sample .2 gm

From HESS OEX Extraction HOT AQUA REGIA

Tested For Cu, Pb, Zn Volume Used 10 ml.

Date Aug. 25/68 Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
196	T. LADUE 224		30		19		98						
7	225		30		15		98						
8	226		36		24		102						
9	227		70		24		76						
0	228		46		24		96						
1	229		76		32		150						
2	230		60		19		118						
3	231		50		24		108						
204	232		60		24		94						

ATLAS EXPLORATIONS LIMITED

(1)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-52 Weight of Sample 0.200gm

From HESS-OEX Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 m/s

Date August 26/68 Analyst

SOIL

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
1	T.COATES 61		18		37		40						
2	K.HENENEN-181		32		290		88						
3	182		16		32		18						
4	183		30		90		54						
5	184		10		37		16						
6	185		18		46		20						
7	186		18		43		46						
8	187		18		55		56						
9	188		18		32		20						
10	189		20		43		60						
11	190		18		27		18						
12	191		30		65		36						
13	192		36		60		84						
14	193		26		50		98						
15	194		20		55		58						
16	195		26		80		66						
17	196		18		24		56						
18	197		30		37		58						
19	198		30		43		98						
20	199		20		19		26						
21	200		20		32		80						
22	201		20		60		124						
23	202		10		32		10						
24	203		18		46		16						
25	204		24		43		58						
26	205		30		70		98						
27	206		32		43		104						
28	207		20		150		114						
29	208		26		500		380						
30	209		46		46		147						
31	210		70		223		246						
32	211		68		210		310						
33	212		56		90		126						
34	213		32		200		142						
35	214		42		65		124						
36	215		42		108		142						
37	216		36		460		132						
38	217		46		156		114						
39	218		36		70		114						
40	219		18		137		20						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-140-S-2 Weight of Sample 0.200gm

From HESS-DEX Extraction Aqua Regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 26/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	K-HINENEN 220		26		32		54						
2	221		30		50		50						
3	222		46		27		90						
4	MACKLACK 64		46		19		172						
5	65		46		27		344						
6	66		32		27		246						
7	67		18		32		186						
8	68		36		19		138						
9	69		20		15		106						
50	70		30		15		114						
51	71		32		32		118						
2	72		32		27		168						
3	73		20		43		164						
4	74		30		24		164						
5	75		26		24		142						
6	76		32		43		186						
7	77		32		27		200						
8	TLADUE 233		26		43		172						
9	234		62		27	x	142						
60	235		60		15	x	940						
61	236		30		27		180						
2	237		50		37		232						
3	238		360		65	x	1320						
4	239		364		32	x	2100						
5	240		32		46		180						
6	241		68		15		276						
7	242		60		19		186						
8	243		46		32		72						
9	245		20		27		138						
70	246		20		27		130						
71	247		30		19		208						
2	248		30		15		130						
3	249		36		24		142						
4	250		36		19		102						
5	251		46		24		156						
6	252		36		19		138						
7	253		56		19		150						
8	254		30		19		104						
9	255		46		15		72						
80	256		26		15		56						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HO-52 | Weight of Sample 0.200gm

From HESS-OEX | Extraction 1 Lot HCl

Tested For Cu, Pb, Zn | Volume Used 5 m/s

Date 28/8/68 | Analyst SLT

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
	S JOHNNY 140		40		25		101						
	141		16		10		105						
	142		15		10		136						
	143		18		12		154						
	144		15		5		152						
	145		15		16		132						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HL-53 Weight of Sample 0.200gm

From HESS PROPERTIES (LAND) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 27/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
1	L-60E 1100N		18		43		70						
2	200N		20		50		80						
3	300N		20		100		124						
4	400N		20		24		76						
5	500N		32		55		106						
6	600N		26		37		68						
7	700N		30		50		66						
8	800N		10		37		30						
9	900N		20		27		40						
10	1000N		18		10		46						
11	1100N		10		24		36						
12	1200N		16		37		50						
13	1300N		16		117		48						
14	1400N		20		27		76						
15	1500N		20		37		80						
16	1600N		20		65		84						
17	1700N		18		32		36						
18	1800N		20		27		20						
19	1900N		30		750		200						
20	2000N		30		437		72						
21	2100N		30		210		98						
22	2200N		16		94		46						
23	2300N		16		19		76						
24	2400N		10		27		56						
25	2500N		16		15		72						
26	2600N		46		70		124						
27	2700N		26		200		106						
28	2800N		46		146		138						
29	2900N		16		10		112						
30	3000N		16		70		80						
31	3100N		30		50		124						
32	3200N		16		43		64						
33	L44E 100N		18		10		72						
34	200N		16		19		44						
35	300N		10		15		28						
36	400N		10		19		30						
37	500N		10		15		40						
38	600N		10		24		20						
39	700N		16		27		36						
40	800N		18		10		28						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(2)

Report Number 68-HL-S-3 Weight of Sample 0.200gm

From ~~HESS-01~~ HESS PROP (LAD) Extraction Nitric aqua regia

Tested For Cu, Pb, Zn Volume Used 10mls

Date August 27/68 Analyst

9014

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
41	500		30		90		184						
2	501		62		80		218						
3	502		26		37		194						
4	503		26		43		72						
5	504		32		104		246						
6	505		42		27		49						
7	506		36		100		172						
8	507		46		100		164						
9	508		20		94		84						
50	509		46		215		120						
51	510		84		137		190						
52	511		50		100		102						
3	512		56		100		98						
4	513		36		70		96						
5	514		70		55		114						
6	515		56		94		162						
7	516		32		37		60						
8	517		25		90		120						
9	518		68		94		186						
60	519		56		70		146						
61	520		46		70		164						
2	521		30		137		357						
3	522		30		42		80						
4	523		25		104		146						
5	524		76		437		204						
6	525		92	x	850		484						
7	526		68		75		158						
8	527		36		60		102						
9	528		36		60		102						
70	529		60		122		162						
1	530		80		185		172						
2	531		80		162		252						
3	532		46		156		138						
4	533		32		50		126						
5	534		30		60		72						
6	535		50		112		156						
7	536		70		162		194						
8	537		68		112		184						
9	538		32		55		126						
80	539		60		100		84						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(3)

Report Number 68 - HL - 53 | Weight of Sample 0.2000 gm

From HESS PROPERTIES (LAND) | Extraction hot aqua regia

Tested For Cu, Pb, Zn | Volume Used 10 mls

Date August 27 / 68 | Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
81	S HO		36		137		132						
2	S H1		92		277		190						
3	S H2		90		265		262						
4	S H3		220	x	1170	x	500						
5	S H4		100		277	x	540						
6	S H5		174		180		402						
7	L.S2E - 11 00N		18		32		38						
8	2+00N		20		37		54						
9	3+00N		18		37		38						
90	4+00N		10		24		16						
1	5+00N		18		27		58						
2	6+00N		30		15		76						
3	7+00N		18		19		50						
4	8+00N		18		10		58						
5	9+00N		20		15		50						
6	10+00N		16		10		38						
7	11+00N		18		24		88						
8	12+00N		4		24		20						
9	13+00N		26		90		98						
100	14+00N		20		27		90						
1	15+00N		20		37		60						
2	16+00N		10		37		38						
3	17+00N		10		24		20						
4	18+00N		10		32		26						
5	19+00N		20		50		72						
6	L.16W 1+00S		68		37		104						
7	2+00S		36		27		66						
8	3+00S		42		60		68						
9	4+00S		30		43		54						
110	5+00S		30		32		64						
1	6+00S		30		15		46						
2	7+00S		30		60		56						
3	8+00S		56		70		84						
4	9+00S		20		46		28						
5	10+00S		26		60		40						
6	11+00S		42		60		64						
7	12+00S		46		27		94						
8	13+00S		36		37		76						
9	14+00S		30		37		86						
120	15+00S		18		27		48						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(4)

Report Number 68-HL-53 Weight of Sample 0.200gm

From HESS PROPERTIES (LAO) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 12 m/s

Date August 27/68 Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
120	L.16W-16+00S		16		15		16						
2	17+00S		20		24		26						
3	18+00S		20		27		50						
4	19+00S		20		32		68						
5	20+00S		50		24		90						
6	21+00S		30		19		50						
7	22+00S		42		37		72						
8	23+00S		32		37		76						
9	24+00S		36		43		68						
130	25+00S		30		32		60						
1	26+00S		20		32		50						
2	27+00S		32		24		104						
3	28+00S		26		27		54						
4	29+00S		20		10		20						
5	30+00S		42		24		34						
6	L.44E-9+00N		46		19		46						
7	11+00N		26		24		88						
8	12+00N		20		19		64						
9	13+00N		26		27		76						
140	14+00N		26		24		40						
1	15+00N		42		60		112						
2	16+00N		36		76		98						
3	17+00N		30		19		86						
4	18+00N		30		32		36						
5	19+00N		20		32		24						
6	20+00N		16		50		12						
7	22+00N		30		46		50						
8	23+00N		30		90		176						
9	24+00N		36		156		194						
150	25+00N		30		100		256						
1	28+00N		26		37		152						
2	- S46		46		75		444						
3	S47		56		43		98						
4	S48		62		215		246						
5	S49		60		156		142						
6	S50		56		142		276						
7	S51		50		117		146						
8	S52		56		55		126						
9	S53		30		55		58						
160	S54		62		104		172						

ATLAS EXPLORATIONS LIMITED

5

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-53 Weight of Sample 0.200gm

From HESS PROPERTIES (LAD) Extraction hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10mls

Date August 27/68 Analyst

2 of 2

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
161	555		18	46			130						
2	556		46	43			176						
3	557		46	305		X	1040						
4	558		36	117			126						
5	559		46	60			146						
6	560		84	104			200						
7	561		104	185			232						
8	562		80	185			236						
9	563		76	175			204						
170	BL-9+00W		50		37		58						
1	10+00W		36		19		80						
2	11+00W		46		19		84						
3	12+00W		68		24		72						
4	13+00W		50		32		54						
5	14+00W		26		37		50						
6	15+00W		30		24		54						
7	16+00W		42		27		66						
8	176-10+00N		32		27		72						
9	11+00N		18		46		30						
180	12+00N		30		37		76						
1	13+00N		26		27		50						
2	14+00N		18		24		34						
3	15+00N		18		15		20						
4	16+00N		18		19		46						
5	(A)16+00N		26		37		66						
6	17+00N		42		70		168						
7	18+00N		42		55		156						
8	19+00N		50		70		262						
9	20+00N		36		46		180						
190	21+00N		25		75		162						
1	22+00N		42		127		146						
2	23+00N		36		70		72						
3	24+00N		32		37		102						
4	25+00N		36		237		222						
5	26+00N		16		27		48						
6	27+00N		20		24		60						
7	28+00N		20		55		66						
8	29+00N		18		27		12						
9	30+00N		86		43		490						
200	31+00N		26		15		36						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(6)

Report Number 68-ML-S-3 | Weight of Sample 0.200gm

From HESS PROPERTIES (LAD) | Extraction Aqua Regia

Tested For Cu, Pb, Zn | Volume Used 10 mls

Date August 27/68 | Analyst

SOIL

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
201	1.76E-32+00N		10		19		26						
2	33+00N		10		46		40						
3	34+00N		30		104		168						
4	35+00N		10		55		30						
5	36+00N		18		43		80						
6	37+00N		18		27		98						
7	38+00N		26		19		90						
8	39+00N		16		24		40						
9	40+00N		4		46		40						
210	1.16W 1+00N		26		37		70						
211	2+00N		16		24		24						
2	3+00N		30		32		33						
3	4+00N		36		46		60						
4	5+00N		42		32		84						
5	1.68E 23+00N		30		19		124						
6	24+00N		16		19		60						
7	25+00N		16		15		36						
8	27+00N		26		43		132						
9	28+00N		20		75		132						
220	29+00N		20		24		72						
1	30+00N		16		19		20						
2	31+00N		10		70		66						
3	32+00N		30	94	[illegible]		138						
4	33+00N		30		32		84						
5	34+00N		20		104		408						
6	35+00N		10		32		40						
7	36+00N		32		24		108						
8	37+00N		4		43		16						
9	38+00N		4		32		16						
230	39+00N		16		10		30						
1	40+00N		16		24		44						
2	1.68 10+00N		20		50		68						
3	11+00N		30		24		124						
4	12+00N		30		27		68						
5	13+00N		30		27		98						
6	14+00N		36		32		142						
7	15+00N		20		24		72						
8	16+00N		26		27		72						
9	17+00N		26		19		80						
240	18+00N		18		19		96						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

(1)

Report Number 68-HL-50 Weight of Sample 0.200 gm

From HESS PROPERTIES (LAD) Extraction Hot aqua regia

Tested For Cu, Pb, Zn Volume Used 10 mls

Date August 27/68 Analyst

Soil

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
241	L68-20+00N		18		32		88						
2	21+00N		26		37		80						
3	22+00N		16		24		50						
4	L84 10+00N		10		15		36						
5	11+00N		16		15		50						
6	12+00N		10		19		24						
7	13+00N		4		15		66						
8	14+00N		10		19		18						
9	(A)14+00N		18		50		86						
250	15+00N		16		46		84						
1	16+00N		25		80		146						
2	18+00N		16		70		40						
3	19+00N		10		37		34						
4	20+00N		4		24		44						
5	21+00N		16		43		50						
6	22+00N		16	32	[illegible]		94						
7	23+00N		10	46	[illegible]		34						
8	24+00N		36	425	[illegible]		490	x					
9	25+00N		36		205		450						
260	26+00N		16		27		66						
1	27+00N		18		55		40						
2	29+00N		50		175		532						
3	31+00N		16		19		34						
4	32+00N		18		24		48						
5	34+00N		20		27		60						
6	38+00N		26		27		50						
7	39+00N		16		32		40						
8	40+00N		32		24		26						
9	L52E-20+00N		4		19		36						
270	21+00N		20		455		88						
1	22+00N		32	94	[illegible]		60						
2	23+00N		20	x	550		106						
3	24+00N		42	x	1120		142						
4	25+00N		18		19		30						
5	26+00N		16		50		30						
276	27+00N		20		112		76						
277	28+00N		46		137		90						

ATLAS EXPLORATIONS LIMITED

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 62-110-2 Weight of Sample 0.200gm

From Hill 01X Extraction Aqua Regia

Tested For Cu, Pb, Zn Volume Used 10 ml

Date August 22/82 Analyst

Soil

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
	L11W 25?		26		19		132						
	258		20		15		150						
	259		104		24		256						
	260		30		37		132						
	261		68		43		190						
	262		80		27		256						

ATLAS EXPLORATIONS LIMITED

(8)

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number 68-HL-S-3 Weight of Sample 0.200gm

From HESS PROPERTIES (LAND) Extraction hot HCl

Tested For Cu, Pb, Zn Volume Used 5mls

Date August 28/68 Analyst

SILT

SAMPLE NUMBER OURS	SAMPLE NUMBER YOURS	Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
278	T.BROCK 250		21		50		43						
279	251		15		19		32						
280	252		28		19		39						
1	253		28		45		54						
2	254		31		40		88						
3	255		38		90	x	360						
4	256		23	29.6	140	x	250						
5	257		13		40		75						
6	258		58		160	x	480						
7	259		25		165		198						
8	260		140		35		143						
9	261		40		114		228						
290	262		50		168	x	250						
1	263		31		69		107						
2	264		15		90		116						
3	265		31		116		242						
4	266		30		118	x	250						
295	267		30		154		247						