



CHEMEX LABS LTD.

842185

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHEVRON STANDARD LIMITED
MINERALS STAFF
#901 - 355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8211868-004-A
INVOICE # : 18211868
DATE : 5-NOV-82
P.O. # : NONE
M504

CORRECTED COPY FOR AU

CC: K SHANNON ATLIN, B.C.

Sample description	Prep code	Ag ppm	AS ppm	Hg ppb	F ppm	Sb ppm	Au	FA+AA ppb
DM2T2 380	201	0.5	24	--	--	1.2		650
DM2T2 381	201	0.9	17	--	--	1.2		500
DM2T2 382	201	0.5	5	--	--	0.6		50
DM2T2 383	201	0.3	12	--	--	0.4		80
DM2T2 384	201	0.2	7	--	--	0.8		35
DM2T2 385	201	0.1	5	--	--	0.4		30
DM2T2 386	201	0.1	7	--	--	0.4		45
DM2T2 387	201	0.1	7	--	--	0.2		30
DM2T2 389	201	0.1	5	--	--	0.6		40
DM2T2 390	201	0.2	7	--	--	0.2		30
DM2T2 391	201	0.1	9	--	--	0.4		25
DM2T2 392	201	0.2	7	--	--	0.6		110
DM2T2 393	201	0.1	6	--	--	0.4		15
DM2T2 394	201	0.1	5	--	--	0.8		45
DM2T2 395	201	0.5	16	--	--	1.0		265
DM2T2 396	201	0.5	15	--	--	1.4		235
DM2T2 397	201	1.1	32	--	--	2.6		425
DM2T2 398	201	1.7	41	--	--	2.4		525
DM2T2 399	201	0.7	24	--	--	4.6		150
DM2T2 400	201	0.7	16	--	--	1.8		325
DM2T2 401	201	0.5	14	--	--	1.4		260
DM2T2 402	201	0.7	10	--	--	1.4		360
DM2T2 403	201	0.6	10	--	--	2.2		315
DM2T2 404	201	0.4	6	--	--	4.4		100
DM2T2 405	201	0.6	9	--	--	1.0		475
FW2T2 192	201	0.5	16	--	--	1.2		<5
FW2T2 193	201	0.1	19	--	--	1.6		<5
FW2T2 194	201	0.1	16	--	--	1.8		30
FW2T2 195	201	0.1	200	--	--	20.0		30
FW2T2 196	201	0.1	50	210	365	3.0		5
FW2T2 197	201	0.1	60	120	500	2.4		5
FW2T2 198	201	0.1	10	100	225	0.8		10
FW2T2 199	201	0.1	19	70	285	1.6		5
FW2T2 200	201	0.1	12	90	240	1.0		10
FW2T2 201	201	0.1	16	90	235	1.4		<5
FW2T2 202	201	0.2	16	110	290	1.2		10
FW2T2 203	201	0.1	29	90	275	1.8		10
FW2T2 204	201	0.8	7	80	310	0.8		5
FW2T2 205	201	0.7	7	100	300	1.2		5
FW2T2 206	201	0.4	11	100	265	1.0		10



MEMBER
CANADIAN TESTING
ASSOCIATION

Certified by *Hart Bichler*.....



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DM2T2 380	201	0.5	24	--	--	1.2	650
DM2T2 381	201	0.9	17	--	--	1.2	500
DM2T2 382	201	0.5	5	--	--	0.6	50
DM2T2 383	201	0.3	12	--	--	0.4	80
DM2T2 384	201	0.2	7	--	--	0.8	35
DM2T2 385	201	0.1	5	--	--	0.4	30
DM2T2 386	201	0.1	7	--	--	0.4	45
DM2T2 387	201	0.1	7	--	--	0.2	30
DM2T2 389	201	0.1	5	--	--	0.6	40
DM2T2 390	201	0.2	7	--	--	0.2	30
DM2T2 391	201	0.1	9	--	--	0.4	25
DM2T2 392	201	0.2	7	--	--	0.6	110
DM2T2 393	201	0.1	6	--	--	0.4	15
DM2T2 394	201	0.1	5	--	--	0.8	45
DM2T2 395	201	0.5	16	--	--	1.0	265
DM2T2 396	201	0.5	15	--	--	1.4	235
DM2T2 397	201	1.1	32	--	--	2.6	425
DM2T2 398	201	1.7	41	--	--	2.4	525
DM2T2 399	201	0.7	24	--	--	4.6	150
DM2T2 400	201	0.7	16	--	--	1.8	325
DM2T2 401	201	0.5	14	--	--	1.4	260
DM2T2 402	201	0.7	10	--	--	1.4	360
DM2T2 403	201	0.6	10	--	--	2.2	315
DM2T2 404	201	0.4	6	--	--	4.4	100
DM2T2 405	201	0.6	9	--	--	1.0	475
FW2T2 192	201	0.5	16	--	--	1.2	<5
FW2T2 193	201	0.1	19	--	--	1.6	<5
FW2T2 194	201	0.1	16	--	--	1.8	30
FW2T2 195	201	0.1	200	--	--	20.0	30
FW2T2 196	201	0.1	50	210	365	3.0	5
FW2T2 197	201	0.1	60	120	500	2.4	5
FW2T2 198	201	0.1	10	100	225	0.8	10
FW2T2 199	201	0.1	19	70	285	1.6	5
FW2T2 200	201	0.1	12	90	240	1.0	10
FW2T2 201	201	0.1	16	90	235	1.4	<5
FW2T2 202	201	0.2	16	110	290	1.2	10
FW2T2 203	201	0.1	29	90	275	1.8	10
FW2T2 204	201	0.8	7	80	310	0.8	5
FW2T2 205	201	0.7	7	100	300	1.2	5
FW2T2 206	201	0.4	11	100	265	1.0	10



Certified by *Hart Bichler*.....

T-9:

- H.S. - dark grey to black
- aphanitic
- breccia

- T.S. - ^{extensively} clay altered matrix & frags
- brown & black staining

T-20:

- 1. - yellowish ^{grey} ~~brown~~ weathering
- colourless ^{purple} fluorite
- breccia
- pitted weathered surface, dark grey matrix
- angular frags ≤ 3 cm long

- T.S. - breccia
- ^{shale quartz} fluorite veinlets & crystals (30%) - stained & fractured
- carbonate (65%)

fluorite - high relief, colourless, isotropic (~~fluorite~~ ^{fluorite}) (5%)

- carbonate & ^{fluorite} veinlets cut qtz (silicified carbonate)

T-7:

H.S. - dark brownish grey

- breccia
- pitted weathered surface
- brick brown coloured frags
- frags < 2 cm long

T.S. - no brown staining Fe - hydrated Fe-oxides

- clay altered frags
- extensively clay altered & stained brown
- angular frags

T-6:

grey frags. in
H.S. - brick red matrix

- rough weathered surface - resistant frags.

T.S. - breccia

- inequigranular
- > 95% carbonate - matrix + frags
- trace clay min.

T-1:

hand spec - dark grey
- fine-grained breccia - frags - < 0.7 cm long
- yellowish grey + dark grey
- dark grey matrix

T.S. - brecciated carbonate ^{grains in aphanitic} ~~matrix~~ + carbonate cement/matrix
~ 100% carbonate
- inequigranular, fine-grained

T-3:

H.S. - dark grey matrix/cement with yellowish grey frags
- angular frags < 1.5 cm long
- pitted weathered surface

T.S. - similar to T-1
- ~ 95% carbonate
5% opaques - organics (?)
- inequigranular, brecciated

T-18:

- H.S. - brownish grey
- angular frags. < 0.5 cm long
 - matrix supported
 - partially silicified

- T.S. - more silicified than T-14
- hydrated Fe-oxides
 - some silicified carbonate frags
 - similar to T-14
 - more silica in matrix than in frags
 - 75% carbonate

T-19:

- H.S. - weathers light brown
- aphanitic

- T.S. - carbonate - qtz - fluorite
- (35%) (35%) (30%)
- fine-grained to aphanitic
 - qtz - fluorite veinlets

T-10:

- H.S. - yellowish brown, grey frags
- colourless fluorite
- frags < 1.5 cm

- T.S. - fluorite + carbonate veinlets
- partially silicified carbonate frags. (< 20% silica)
- 20% fluorite
- 15% ~~qtz~~
- 65% carbonate

T-14:

- H.S. - yellowish brown weathering
- pitted, rough weathered surface → partially silicified matrix
- angular frags. < 2 cm long
- fractured frags.

- T.S. - ~~qtz~~ - fluorite veinlet
- hydrated iron-oxides (55%)
- partially silicified matrix (< 20% silica)
- carbonate frags

TARDIS - ROCKS

	Ag	As	Hg	F	Sl	Au ppb
DB-69				240	1.2	10
DB-74				420	0.6	20
75				310	0.4	30
76				550	67.0	40
77				530	72.0	20
78				4050	94.0	20
79				920	4.8	15
80	0.1	5	40	410	0.2	10
81	0.1	5	30	470	0.4	20
82	0.1	570	>10000	>10000	62.0	15
83	0.1	5	270	280	0.2	15
84	0.1	100	1400	560	4.0	10
85	0.1	175	5000	3600	40.0	15
86	0.1	710	>10000	9400	150.0	20
87	0.1	325	8500	8900	65.0	10
88	0.1	1900	>10000	>10000	190.0	10
89	0.1	130	2100	570	7.6	15
90	0.1	45 230	1600	4250	1.2	15
91	0.1	2300 2300	>10000	>10000	225.0	15
92	0.1	2300	>10000			
93	0.1	2350	>10000	8200	100.0	20
94	0.1	380	5500	5800	45.0	25
95	0.1	640	>10000	>10000	52.0	30
96	0.1	1700 720	9800	>10000	34.0	20
97	0.1	1500	>10000	>10000	235.0	20
98	0.1	290	8400	6000	53.0	25
99	0.1	170	3700	650	15.4	20
100	0.1	70	2000	>10000	5.4	20
101	0.1	160	1400	480	3.0	25

TARDIS - ROCKS

	Ag	Ad	Hg	F	Sb	Au
DB-102	0.1	2600	>10000	7150	278.0	20
103	0.1	690	>10000	>10000	82.0	15
104	0.1	950	4600	>10000	34.0	15
105	0.1	4300	>10000	800	79.0	15
106	0.1	1700	>10000	380	22.0	15
107	0.1	1000	8000	6450	51.0	40
108	0.1	35	1200	210	0.6	20
109	0.1	90	280	210	0.8	15
110	0.1	10	100	400	0.2	20
111	0.1	10	70	230	0.4	20
112						
KS-171						
172						
173						
174						
175						

TARDIS - SOILS

	Ag	As	Hg	F	Sl	Au
LR-165	0.1	16	90	195	1.4	10
166	0.1	90	140	275	2.3	10
167	0.1	650	420	400	12.6	15
168	0.1	160	200	340	3.4	10
169	0.1	120	370	300	3.8	10
170	0.1	120	340	380	3.2	5
171	0.1	105	330	480	2.8	10
172	0.1	100	150	335	2.5	15
173	0.1	100	160	225	2.4	10
174	0.1	1250	6500	3800	42.0	15
175	0.1	660	440	510	8.0	10
176	0.1	25	110	515	1.8	10
177	0.2	20	100	360	2.0	15
178	0.1	14	90	410	1.4	20
179	0.1	16	40	345	1.0	10
180	0.3	10	110	285	1.0	5
181	0.1	16	70	410	1.8	5
182	0.1	20	60	365	1.6	10
183	0.2	19	70	370	2.0	5
184	0.1	20	60	355	1.4	<5
185	0.1	50	100	290	1.4	20
186	0.1	60	100	255	2.2	20
187	0.1	1200	>10000	2300	110.0	20
188	0.1	190	1700	325	2.0	20
189	0.1	120	180	460	2.0	15
190	0.1	90	200	350	2.2	10

TARDIS - SOILS

	Ag	As	Hg	F	Sb	Au
JH-189	0.1	50	250	400	1.6	10
188	0.1	110	290	400	2.8	15
187	0.1	30	120	340	1.8	20
186	0.1	160	240	300	3.2	20
185	0.1	230	500	550	4.8	15
184	0.1	29	100	330	1.4	20
206	0.1	24	90	270	2.0	10
205	0.1	27	90	320	1.6	20
204	0.1	10	60	490	0.8	20
203	0.1	15	70	390	1.2	15
202	0.3	16	60	380	1.4	20
201	0.1	15	50	430	1.4	20
200	0.3	15	50	390	1.2	15
199	0.1	15	60	390	1.2	15
198	0.1	16	60	360	1.2	15
197	0.1	20	60	410	1.6	20
196	0.1	19	80	390	1.0	15
195	0.2	12	130	250	0.8	20
194	0.1	35	150	380	1.6	10
193	0.1	140	590	330	4.8	15
192	0.1	150	260	450	2.0	10
191	0.1	155	390	570	3.0	15
190	0.1	65	240	300	2.2	20
211	0.1	40	120	390	1.2	10
210	0.1	70	270	340	1.2	20
209	0.1	10	350	206	1.8	10
208	0.1	90	300	380	2.0	15
207	0.1	230	470	380	3.6	10

TARDIS-SOILS

	Ag	As	Hg	F	Sb	Au
DM-262	0.1	530	590	170	6.6	10
263	0.1	24	130	310	2.0	15
264	0.1	23	90	310	1.6	10
265	0.1	15	60	360	1.6	15
266	0.1	19	70	250	2.6	20
267	0.1	17	70	260	2.0	10
268	0.1	14	60	270	1.6	20
269	0.2	17	50	370	1.8	45
270	0.2	19	70	280	2.0	15
271	0.1	11	40	440	1.0	15
272	0.1	14	40	300	0.6	10
273	0.1	19	70	280	1.2	25
274	0.1	20	60	300	1.0	25
275	0.1	180	200	390	1.6	25
276	0.1	135	220	350	1.8	20
277	0.1	240	530	440	3.4	15
278	0.1	90	330	360	1.0	10
279						
280	0.2	100	280	350	4.2	15
281	0.2	50	150	410	2.2	15
282	0.3	105	330	420	2.2	20
283	0.1	75	230	470	4.2	20
284	0.2	170	1800	1400	3.8	15
285	0.1	590	800	460	3.4	20
286	0.1	9400	4200	530	23.0	25
287	0.1	70	190	280	1.6	20
288	0.1	40	120	340	2.2	20
289	0.1	22	70	380	1.4	20

TARDIS - SOILS

	Ag	As	Hg	F	Se	Au
DM-290	0.1	11	70	520	0.4	15
291	0.1	20	70	290	2.6	10
292	0.1	25	50	310	1.0	20
311	0.1	20	70	460	2.6	25
312	0.1	16	70	470	2.4	15
313	0.1	27	70	415	1.8	15
314	0.1	17	70	400	1.4	15
315	0.1	22	60	245	1.4	20
316	0.1	195	1300	1050	2.8	15
293	0.2	850	1700	600	15.8	15
294	0.1	200	1300	650	4.6	10
295	0.1	160	620	650	2.8	5
296	0.1	40	150	490	2.4	5
297	0.3	55	430	500	2.6	10
298	0.3	90	820	500	5.4	15
299	0.1	50	220	310	2.6	10
300	0.1	45	250	315	1.8	10
301	0.1	110	620	700	6.6	5
302	0.1	170	1300	1100	3.2	5
303	0.1	45	320	550	1.8	5
304	0.1	390	640	510	3.6	5
305	0.1	500	2900	475	6.6	20
306	0.1	19	110	355	0.6	15
307	0.1	20	70	275	1.0	15
308	0.1	24	70	430	1.6	15
309	0.1	15	60	380	1.4	15
310	0.1	15	60	415	1.2	15

TARDIS - SOILS

	Ag	Ad	Hg	F	Sl	Au
JH - 218	0.1	17	90	355	1.4	<5
217	0.1	17	70	305	1.0	20
216	0.1	9	120	120	0.8	30
215	0.1	15	50	230	1.8	15
214	0.1	16	90	230	0.6	20
213	0.1	30	1800	1800	1.8	<5
212	0.1	30	100	300	0.8	10
DM - 317	0.1	80	870	1450	2.8	10
318	0.2	200	690	650	5.2	20
319	0.1	30	170	350	1.6	15
320	0.1	130	550	425	4.4	10
321	0.1	155	850	1400	5.4	15
JH - 230	0.3	20	140	375	1.6	15
229	0.1	335	2000	890	8.4	5
228	0.1	500	480	410	4.2	10
227	0.1	110	650	650	4.6	15
226	0.1	90	290	480	2.8	5
225	0.1	20	540	505	0.8	15
224	0.1	120	350	640	1.8	5
223	0.1	35	220	410	1.0	5
222	0.1	27	90	330	1.4	10
221	0.1	27	90	375	1.6	10
220	0.1	16	80	340	1.2	15
219	0.1	14	100	335	1.4	5
242	0.1	17	100	235	1.2	10
241	0.1	25	80	370	1.4	20
240	0.1	15	90	380	1.4	15
239	0.1	22	80	375	0.8	20

TARNS - SOILS

	Ag	As	Hg	F	Sb	Au
JH- 238	0.1	19	100	330	0.4	25
237	0.1	16	120	235	0.2	75
236	0.1	110	350	510	3.8	15
235	0.1	55	230	520	2.4	5
234	0.1	55	170	560	2.8	5
233	0.1	48	250	415	2.0	10
232	0.1	10	90	380	0.8	10
231	0.1	30	140	400	0.8	5
MG- 126	0.1	20	110	280	0.8	<5
125	0.1	15	90	320	0.9	<5
124	0.1	15	100	330	1.0	5
123	0.3	15	120	400	1.2	15
122	0.1	10	70	2100	0.3	5
121	0.1	85	210	340	2.7	<5
120	0.1	65	130	395	1.8	5
119	0.1	25	100	345	1.0	5
118	0.2	50	310	425	2.6	10
117	0.3	30	110	300	1.6	5
116	0.2	20	120	330	1.9	5
115	0.1	25	90	265	1.0	5
114	0.4	20	460	370	1.6	10
113	0.1	25	80	235	1.3	5
112	0.1	40	140	260	2.2	5
111	0.1	40	140	185	2.5	<5
110	0.1	85	190	300	4.4	5
109	0.1	80	220	265	2.5	5
108	0.1	10	60	2150	0.3	10
107	0.1	20	80	210	1.6	10

TARDIS - SOILS

	Ag	As	Hg	F	Sb	Au
M6-106	0.2	25	140	280	1.0	15
105	0.2	15	130	140	0.6	10
104	0.1	5	120	135	0.4	5
103	0.1	20	80	280	0.5	10
102	0.1	15	90	235	0.4	5
101	0.1	15	100	245	0.7	5
100	0.1	25	120	275	1.2	5
99	0.3	5	150	200	0.4	5
98	0.1	20	110	290	1.4	5
97	0.1	15	120	460	2.2	5
?L - 239	0.1	735	6000	3700	82.0	15
240	0.1	460	3500	2700	25.0	15
241	0.1	215	3200	4100	15.0	25
242	0.1	115	1200	590	7.6	20
243	0.1	35	210	410	1.4	25
244	0.1	30	140	400	1.6	20
245	0.1	40	160	470	2.0	20
246	0.1	20	310	240	2.0	20
247	0.2	525	2900	4200	19.6	15
248	0.1	720	5000	>10000	33.0	15
249	0.1	245	1500	1150	15.0	25
250	0.4	15	220	440	1.8	30
251	0.2	20	80	370	1.4	15
252	0.1	25	90	390	1.2	20
253	0.1	20	80	330	1.0	20
254	0.4	10	130	180	1.0	25
255	0.1	5	100	110	0.8	15
256	0.1	15	120	230	1.0	20

TARDIS - SOILS

	Ag	Ad	Hg	F	Sl	Au
RL- 258	0.2	20	130	370	1.0	25
257	0.2	25	100	370	1.4	20
259	0.2	15	80	600 1000	1.6	20
260	0.1	10 885	70 1100	1450 1000	88 100	25
261	0.1	885	5100	2100	55.0	15
262	0.1	340	910	1000	11.0	20
263	0.1	45	210	430	2.8	25
264	0.1	40	110	340	2.0	20
FW- 197	0.5	160	720	500	2.4	85 1000
196	0.1	50 100	210	365	3.0	190
195	0.1	200	—	—	20.0	1600
194	0.1	16	—	—	1.8	1050
193	0.1	19	—	—	1.6	215
192	0.5	16	—	—	1.2	340
198	0.1	10	100	225	0.8	30
199	0.1	19	70	285	1.6	50
200	0.1	12	90	240	1.0	55
201	0.1	16	90	235	1.4	75
202	0.2	16	110	290	1.2	45
203	0.1	29	90	275	1.8	30
204	0.8	7	80	310	0.8	35
206	0.6	14	120	480	1.4	10
215	0.1	14	110	520	1.4	5
214	0.1	7	110	1000	0.8	15
213	0.1	390	2900	950	27.0	5
212	0.1	60	250	570	3.2	10
211	0.1	60	120	460	4.0	10

TARDIS - SOILS

	Ag	As	Hg	F	Se	Au
FW-210	0.11	20	80	445	2.4	10
209	0.1	85	270	290	3.8	<5
208	0.1	40	140	1600	2.2	15
207	0.3	20	160	440	4.2	15
206	0.4	11	100	265	1.0	35
205	0.7	7	100	300	1.2	30
LR-191	0.1	40	100	385	1.4	10
192	0.2	17	130	365	1.3	25
193	0.1	16	100	380	1.0	15
194	0.1	23	180	335	1.6	10
195	0.1	35	130	160	1.5	5
196	0.1	16	130	325	1.4	20
197	0.1	14	120	360	1.2	15
198	0.1	53	80	425	2.0	15
199	0.2	15	80	300	1.0	10
200	0.1	41	80	315	1.5	20
201	0.1	33	90	450	2.0	20
202	0.1	285	4500	2450	28.0	15
203	0.2	30	150	250	1.5	20
204	0.1	60	130	780	2.8	15
205	0.1	16	60	255	1.2	15
206	0.1	70	190	330	1.8	10
207	0.1	15	80	1300	0.8	25
208	0.1	24	70	430	1.0	10
209	0.8	16	110	370	1.0	25
210	0.3	17	120	275	1.4	20
211	0.1	33	100	320	1.4	20
212	0.1	20	100	275	1.2	35

TARDIS - SOILS

	Ag	Ad	Hg	F	Sl	Au
LR - 213	0.2	22	510	335	1.6	35
214	0.1	25	120	360	1.2	25
JA - 224	0.1	38	110	355	2.0	20
223	0.1	15	70	245	1.6	20
222	0.4	20	110	275	1.6	15
221	0.8	16	150	330	1.4	30
225	0.1	22	80	320	1.8	15
226	0.1	27	120	285	1.6	10
227	0.6	19	90	415	1.8	90
228	0.2	9	50	1350	0.1	5
229	0.3	160	140	360	4.2	15
230	0.1	40	120	300	2.2	10
231	0.1	70	150	300	4.6	5
232	0.1	500	920	>10000	33.0	10
233	0.6	30	120	520	2.2	10
234	0.2	15	170	310	1.8	5
235	0.3	19	90	430	1.6	10
236	0.3	12	150	300	3.6	10
237	0.8	15	250	360	2.2	15
238	0.1	60	140	310	2.2	20
239	0.1	23	130	360	2.0	10
240	0.1	19	110	333	1.8	20
241	0.3	17	160	330	1.8	15
242	0.1	14	110	200	1.6	10
243	0.4	20	100	390	2.8	15
244	0.1	24	80	320	1.6	10
245	0.4	20	150	430	2.0	15
246	0.1	500	900	2800	29.0	10
247	0.1	190	1400	640	10.8	10

TARDIS - SAMPLES FOR ASSESSMENT

Aug 1/82

KS2T1 - 171 to 175

5 rocks.

~~KS2T1~~

LR2T2 - 579, 580

2 soils.

Aug. 27/82

DB2T (22 Thin sections)

Aug. 28/82

LR2T2 - 747 to 785

38 soils

TARDIS - HELICOPTER HOURS

AUG 1	Trapper - Tardis	10 mi	(Ken, Derek, Kim, Dave)
	Tardis - Trapper	10 mi	Empty
	Trapper - Tardis	10 mi	Empty
	Tardis - Trapper	10 mi	(Derek, Kim, Dave, Ken)
Aug. 18	Trapper to Tardis	10 min.	Derek, Rob, Lorne, Hugh
	Tardis to Trapper	10 min.	empty
	Trapper to Tardis	10 min.	empty
	Tardis to Trapper	10 min.	Rob, Lorne, Hugh
Aug. 27	Trapper to Tardis	10 min.	Derek, Dave
	Tardis to Trapper	10 min.	empty
	Trapper to Tardis	10 min.	empty
	Tardis to Trapper	10 min.	Derek, Dave
Aug. 28	Trapper to Tardis	10 min.	Lorne & Genot
	Tardis to Trapper	10 min.	empty
	Trapper to Tardis	10 min.	empty
	Tardis to Trapper	10 min.	Lorne & Genot

LR2 170 120	LR2 171 105	LR2 190 120	JH2 189 50	JH2 190 65	JH2 211 40	DM2 280 180	DM2 281 50	DM2 298 90	DM2 299 50	DM2 321 155	JH2 230 20	JH2 231 30	MG2 126 20	MG2 103 20	MG2 102 15																										
169 120	172 100	189 120	188 110	191 155	210 70	279 180	282 105	297 55	300 45	320 170	229 355	232 10	125 15	104 5	101 15																										
168 160	173 100	188 120	187 30	192 150	209 10	278 70	283 75	296 40	301 110	319 30	228 500	233 48	124 15	105 15	100 25	RL2 254 70	RL2 255 .5	FW2 200 12	FW2 201 16	LR2 194 23	LR2 195 35	LR2 214 25	LR2 224 38	JA2 224 28	JA2 240 19																
167 650	174 1250	187 50	186 160	192 150	208 90	277 290	284 70	295 160	302 170	318 200	227 110	234 55	123 15	106 25	99 5	253 16	256 15	199 19	202 16	193 16	196 16	213 28	223 15	239 23																	
166 90	175 650	186 60	185 230	193 190	207 230	276 135	285 390	294 200	303 45	317 30	226 90	235 55	122 10	107 20	98 30	252 25	258 20	198 10	203 29	192 17	197 14	212 20	222 20	238 60																	
LR2 165 16	176 15	185 50	JH2 184 29	DM2 194 35	DM2 262 50	275 160	286 140	DM2 293 850	304 390	JH2 212 30	225 20	236 110	121 55	108 70	MG2 97 15	251 26	257 25	192 16	204 7	LR2 191 40	198 33	211 33	221 16	237 15	JA2 241 11																
177 20	184 20	206 24	195 12	263 24	274 20	287 10	316 195	305 500	213 30	224 120	237 16	120 65	109 80	239 735	250 15	259 15	193 19	216 14	205 7	199 15	210 17	225 22	236 12	242 14																	
178 14	183 19	205 27	196 19	264 27	273 19	288 40	315 22	306 19	214 16	223 35	238 19	119 25	110 55	240 460	249 245	260 10	194 16	215 14	206 11	200 41	209 16	226 27	235 19	243 20																	
179 16	182 20	204 10	197 20	265 15	272 14	289 22	314 17	307 20	215 15	222 27	239 22	118 50	111 40	241 215	248 720	261 885	195 200	214 7	207 20	201 33	208 29	227 19	234 15	244 24																	
LR2 180 10	LR2 181 16	203 15	198 16	266 19	271 11	290 11	313 27	308 24	216 7	221 27	240 15	117 30	112 90	242 115	247 525	262 340	213 390	208 40	202 28	207 15	228 9	233 30	245 20																		
	202 16	199 15	267 17	270 19	291 20	312 16	309 15	217 17	220 16	241 25	116 20	113 25	243 35	246 20	263 45	196 50	212 60	209 35	203 50	206 70	229 160	232 500	246 500																		
	JH2 201 15	JH2 200 15	DM2 268 14	DM2 269 17	DM2 292 25	DM2 311 20	DM2 310 15	JH2 218 19	JH2 219 14	JH2 242 17	MG2 115 25	MG2 114 20	RL2 244 30	RL2 245 40	RL2 264 40	FW2 197 60	FW2 211 60	FW2 210 20	LR2 204 60	LR2 205 16	JA2 230 40	JA2 231 70	JA2 247 190																		

AS.

TARDIS-SOILS (1981)

	A _g	A ₅	S ₆	A _v
PATI- 461	0.1	260	4.6	<5
462	0.1	69	1.6	<5
463	0.1	16	1.2	5
464	0.1	14	1.0	5
465	0.1	16	1.0	5
466	0.1	23	1.2	<5
467	0.1	25	1.4	5
468	0.1	9	0.6	25
469	0.1	36	2.2	<5

m

TARDIS - SOILS (1981)

	A _g	A _s	S _b	A _u
RLT1 - 556	0.4	15	2.4	<5
557	0.1	14	1.0	<5
558	0.2	19	2.6	<5
JHT1 - 455	0.2	17	1.8	5
456	0.1	16	1.6	5
457	0.1	19	2.2	10
458	0.1	17	1.4	10
459	0.1	25	1.6	10
460	0.1	30	1.8	5
461	0.1	29	1.4	5
462	0.1	740	11.8	15
463	0.1	73	1.4	10
464	0.1	500	15.8	<5
465	0.1	67	2.6	5
466	0.1	41	1.8	10
467	0.1	25	1.2	5
PAT1 - 453	0.1	17	1.6	5
454	0.1	24	1.8	10
455	0.1	20	1.2	10
456	0.1	22	1.8	10
457	0.1	23	2.0	10
458	0.1	22	1.6	5
459	0.1	12	0.6	10
460	0.1	30	1.6	<10

TARDIS - ROCKS (1981)

Ag

As

% Au

Run

KST1 - 346

0.1

310

10

347

0.1

170

5

348

0.1

63

<5

349

0.1

110

<5

350

0.1

12

<5

351

0.1

730

<5

352

0.1

71000

<5

353

0.1

830

<5

354

0.1

160

<5

355

0.1

71000

<5

356

0.1

71000

<5

357

0.1

165

<5

MTT1 - 309B

0.1

15

<5

310

0.1

71000

<5

311

0.1

440

<5

312

0.1

71000

<5

313

0.1

33

<5

TARDIS: PGMW

Sample #'s	Ag	As	Sb	Au
D-1-237 ✓	0.1	36	2.4	5
238	0.1	38	2.6	5
239	0.1	33	2.4	10
240	0.1	290	18.0	15
241	0.1	220	14.4	20
242	0.1	670	37.0	10
243	0.1	180	12.6	10
244	0.1	36	2.6	10
245	0.1	25	2.2	15
246	0.1	45	2.4	5
247 ✓	0.1	24	1.3	5
248	0.1	22	1.8	5
249	0.1	41	2.2	5
250	0.1	81	3.4	5
251	0.1	90	3.0	5
252	0.1	23	1.6	5
253	0.1	29	1.8	10
254	0.1	22	1.4	10
255	0.1	16	1.2	15
256 ✓	0.1	19	1.1	5
257 ✓	0.1	48	1.8	5
JH-40	0.1	77	440.0	160
41	0.3	22	9.6	<5
42 (silt) X	0.1	24	1.8	5
43	0.2	41	2.0	140
44 (silt)	0.1	12	2.0	140
45	0.1	32	1.6	5
46 (silt)	0.1	15	1.6	5
47 (silt)	0.1	11	1.2	<5
48	0.4	22	1.8	5
49 (silt)	0.1	160	10.4	10
50	0.1	55	2.6	10
51	0.1	12	1.2	5
52 (silt) X	0.1	22	1.6	5
53	0.1	20	2.0	5
54 (silt)	0.1	14	1.2	5
55	0.1	19	2.4	10
56 ✓	0.1	10	1.8	<5

Samples #'s		Ag	As	Sb	Au
Jy 1 - 57	(Silt)	0.2	20	1.8	5
58		0.1	12	1.8	5
59		0.1	9	1.4	<5
60		0.1	17	1.6	5
61		0.1	11	1.6	5
62		0.1	15	2.0	15
63		0.1	11	2.0	5
455		0.2	17	1.8	5
456		0.1	16	1.6	5
457	✓	0.1	19	2.2	10
458	✓	0.1	17	1.4	10
459		0.1	25	1.6	10
460		0.1	30	1.8	5
461		0.1	29	1.4	5
462		0.1	740	11.8	15
463		0.1	73	1.4	10
464		0.1	500	15.8	<5
465		0.1	67	2.6	5
466		0.1	41	1.8	10
467		0.1	25	1.2	5
✓ T271- 3					
4	X	0.1	>1000		5 ?
5					
6					
7	✓	0.1	120	3.6	5
8		0.1	>1000	4.4	5
9		0.1	101	1.4	5
10		0.1	10	1.4	5
11		0.1	12	2.2	10
12		0.1	17	1.4	5
13	(Silt)	0.1	27	1.2	10
14	(Silt)	0.1	25	1.2	5
134		0.1	100		5
135		0.1	730	51.0	5
136		0.1	150	9.2	5
137		0.1	35	2.4	<5
138	✓	0.1	25	1.8	5

Samples #15

	As	As	Sb	Au
139	0.1	22	1.8	5
140	0.1	23	1.8	5
141 (Silt) X	0.1	22	2.6	5
142	0.1	24	1.6	5
PATI 241	0.1	22	1.8	<5
212	0.1	30	1.8	<5
213	0.1	17	1.7	25
214	0.1	16	1.4	25
215	0.1	15	2.0	5
216	0.2	10	1.4	5
217 ✓	0.1	30	1.8	25
218	0.1	32	2.2	5
219	0.1	20	1.3	5
220	0.4	16	0.9	5
221	0.1	6	1.5	5
222	0.1	36	2.0	5
223	0.2	33	1.8	5
224	0.1	12	2.0	<5
225	0.1	22	1.4	<5
226	0.1	20	1.9	5
227 ✓	0.1	11	1.5	5
228	0.1	7	1.4	5
229	0.2	19	1.4	25
230	0.1	16	1.5	25
231	0.1	12	1.6	5
312	0.2	71000	48.0	10
313	0.3	55	1.6	5
314	0.3	25	1.4	115
315	0.6	22	1.6	15
316	0.3	18	1.4	5
317 ✓	0.2	39	2.4	5
318	0.2	15	1.0	<5
319				
320				
321				
PATI-453	0.1	17	1.6	5
454	0.1	24	1.8	10

As As Sb Au

Samples #'s.

Sample #	As	As	Sb	Au
PATI-455	0.1	20	1.2	10
456	0.1	22	1.8	10
457	0.1	23	2.0	10
458	0.1	22	1.6	5
459	0.1	12	0.6	10
460	0.1	30	1.6	<10
461	0.1	260	4.6	<5
462	0.1	69	1.6	<5
463	0.1	16	1.2	5
464	0.1	14	1.0	5
465	0.1	16	1.0	5
466	0.1	23	1.2	<5
467	0.1	25	1.4	5
468	0.1	9	0.6	25
469	0.1	36	2.2	<5

108

Sample #	As	As	Sb	Au
KSTI-346	0.1	310		10
347	0.1	170		5
348	0.1	63		<5
349	0.1	110		<5
350	0.1	12		<5
351	0.1	730		<5
352	0.1	>1000		<5
353	0.1	830		<5
354	0.1	160		<5
355	0.1	>1000		<5
356	0.1	>1000		<5
357	0.1	165		<5

Sample #	As	As	Sb	Au
MTTI-174	0.1	11		<5
175	0.1	10		<5
176	0.1	10		<5
177	0.1	4		<5
178	0.1	10		<5
179	0.1	7		5
180	0.1	>1000		<5
181	0.1	840		<5

Sample #'s	Ag	As	Sb	Au
MTTL- 182	X 0.1	300		<5
183	0.1	12		<5
184	0.1	6		5
309B	0.1	15		<5
310	0.1	>1000		<5
311	0.1	440		<5
312	0.1	>1000		<5
313	0.1	33		<5

TARDIS & PETRO (contin.)

Sample #'s.

	Ag	As	Au(ppb)	Hg(ppb)	Sb
LDTI-3	0.1	4	<10	-	-
4	0.1				
5	0.1	310	<10	4500	42.0
6	0.1	105	<10	1000	4.4
7	0.1	330	<10	3000	14.2
8	0.1	475	<10	-	-
9	0.5	>1000	<10	-	-
10	0.1	>1000	<10	-	-
11	0.1	125	<10	-	-
12	0.1	1000	<10	-	-
RLTI-83	0.1	12	5		1.8
84	0.1	16	5		1.4
85	0.1	15	<5		1.4
86 (silt)	0.3	16	5		1.6
87	0.3	95	5		2.0
88	0.1	910	5		25.0
89 (silt)	0.1	125	5		1.8
90	0.1	165	5		3.2
91 (silt)	0.1	45	<5		1.8
92 (silt)	0.1	38	<5		1.6
93	0.1	430	5		7.4
94 (silt) X	0.1	67	<5		1.6
95 (silt)	0.1	12	<5		0.2
96	0.1	100	5		3.6
97	0.1	53	<5		1.4
98	0.1	16	<5		0.8
99 (silt)	0.1	11	<5		0.6
100 (silt)	0.1	14	<5		0.6
101 (silt)	0.1	7	620		0.8
102 (silt)	0.1	5	<5		0.8
556	0.1	225	<5		3.0 2.4
557	0.1	14	<5		1.0
558	0.2	19	<5		2.6

TARDIS - PETRO : ANOMALIES

IC. S. ENVIRON.

ROCKS :

(35)

<u>Ag</u> :	0.3 PPM	0.3 PPM
<u>As</u> :	728 PPM (WITHOUT 10, 1000'S)	321 PPM
<u>Au.</u> :	10 PPB	16 PPB

SILTS :

(21)

<u>Ag</u> :	0.2 PPM	0.4 PPM.
<u>As</u> :	51 PPM (WITHOUT 160, 125)	222 PPM.
<u>Sb</u> :	2.6 PPM (WITHOUT 10.4)	5.0 PPM
<u>Au.</u> :	14 PPB (WITHOUT 140)	14 PPB.

SOILS :

(128)

(124)

<u>Ag</u> :	0.3 PPM	0.8 PPM
<u>As</u> :	376 PPM. (WITHOUT 1000, 1000)	360 PPM
<u>Sb</u> :	42.8 PPM. (WITHOUT 37, 440, 51, 48, 42)	10.7 PPM
<u>Au</u> :	27 PPB (WITHOUT 115, 140, 160)	24 PPB.

60
81

162
60
222