

Chu Chua

896229

XRAY Labs  
— results —

REE's  
— etc. —

NOTE: DETECTION LIMITS ARE VARIABLE DUE TO THE  
NATURE OF THE SAMPLE.

9 Pulps needed:

22369	22375	22382	<sup>2</sup> 22386
22391	22395	22400	22403
22417			

or find the coarse fraction.



X-RAY ASSAY LABORATORIES LIMITED

1882 LESLIE STREET, DON MILLS, ONTARIO M8B 3L4

PHONE 416-442-2722 TELEX 08-98947

CERTIFICATE OF ANALYSIS

TO: MINISTRY OF ENERGY, MINES & PETROLEUM RESOURCES  
ATTN: W.J. McMILLAN  
PARLIAMENT BUILDINGS  
VICTORIA, BRITISH COLUMBIA  
V8V 1X4

CUSTOMER NO. 1527

DATE SUBMITTED  
24-MAR-88

*Kaypro*  
*File*

**XRAYLAB1**

REF. FILE 33014-A3

REPORT 2701

99 PULPS

WERE ANALYSED AS FOLLOWS:

*Program*  
*Petrochem Anal.*

*KP2/DMAC1*

*Xray Lab Data Reformatted*

*M-BASIC MENU*

*option 5*

*(use XRAYLAB3)*

*option 1 or 2*

*3 against MORBS*

*Set format - standard sized plot*

*input file XRAYLAB3*

DETECTION LIMIT	METHOD	% AN
0.020	NA	NA
0.100	NA	2C PPM
2.000	XRF	TI PPM
5.000	NA	CR PPM
0.020	NA	FE %
1.000	NA	CO PPM
5.000	NA	AS PPM
3.000	NA	SE PPM
0.200	NA	BR PPM
20.000	NA	RB PPM
2.000	XRF	SR PPM
2.000	XRF	Y PPM
2.000	XRF	NB PPM
2.000	NA	MO PPM
0.200	NA	SB PPM
0.200	NA	CS PPM
120.000	NA	BA PPM
0.200	NA	LA PPM
3.000	NA	CE PPM
2.000	NA	ND PPM
0.100	NA	SM PPM
0.200	NA	EU PPM
0.200	NA	YB PPM
0.020	NA	LU PPM
1.000	NA	HF PPM
1.000	NA	TA PPM
0.100	NA	TH PPM
0.200	NA	U PPM

*(see Red 3 Ring Binder)*

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY

DATE 07-MAY-88

To be plotted

	SAMPLE	NA %	SC PPM	TI PPM	CR PPM	FE %
BNC	17261	6.30	4.5	5300	20	3.96
	17603	3.70	2.2	2000	<10	1.06
	17605	3.00	11.3	5700	100	3.95
	18017	2.40	19.2	5900	320	4.70
	18019	4.20	8.0	4700	30	5.17
	18021	3.70	6.9	2500	20	1.61
	18022	2.80	15.5	4900	100	4.37
	18024	3.10	9.6	5500	70	3.94
	18162	4.90	4.9	4500	<10	3.68
	19949	4.10	3.5	3700	10	2.91
	19952	3.50	6.0	4500	40	4.01
	Ch. change	22369	1.80	44.0	10000	250
22375		1.20	38.2	7500	200	7.66
22382		2.70	41.1	9500	220	7.63
22386		0.22	37.4	8300	200	7.71
22391		0.35	43.1	9600	200	7.01
22395		0.08	34.1	7900	190	6.70
22400		1.10	46.7	13900	250	12.4
22403		3.50	40.7	8900	210	7.24
22417		3.10	48.7	11000	270	9.54
Mac I		25316	0.16	28.3	19000	380
	25319	0.41	30.5	17000	440	8.69
BNC	25991	3.70	6.1	4100	30	4.18
Mac I	26661	3.50	32.7	5700	300	7.61
	26665	3.50	27.6	5600	10	6.36
	28203	5.40	37.0	7500	170	6.98
	28204	3.20	41.3	3600	160	6.37
	28210	4.90	21.9	8700	210	4.96
	29805	3.70	44.4	7100	10	10.2
	29806	4.00	46.3	11000	60	12.0
	29807	0.17	29.8	8500	10	6.01
	29808	1.80	40.0	10000	<10	12.5
	29809	3.20	22.6	6000	30	4.75
Mac I	29810	3.40	35.4	3700	90	6.97
	29811	3.70	16.6	3000	50	6.12
	29812	2.40	41.3	4400	380	7.83
	29813	4.40	21.0	6400	70	4.97
	29814	4.40	50.2	4800	140	8.95
	29815	3.30	27.4	6700	200	5.85
	29816	1.50	25.7	3900	50	1.64
	30380	3.80	39.0	11000	260	7.58
	30381	4.30	50.5	17000	120	9.84
	30382	3.50	45.7	14000	110	9.82
Mac I	30383	2.30	34.1	7500	250	8.83
	30384	2.40	38.9	7400	130	7.81
	30385	2.10	36.1	8200	110	7.23
	30386	2.00	36.1	8200	120	7.15
	30387	3.40	11.0	2900	20	3.18
	30388	0.21	15.4	4700	80	5.41
	30389	3.70	0.7	580	<10	0.33

Ch. Change  
RBE's, etc

LAB	SAMPLE	NA %	SC PPM	TI PPM	CR PPM	FE %
Mact	30392	4.40	29.0	11000	<10	12.3
	30395	3.30	10.4	3700	<10	4.20
	30396	1.80	44.7	2800	100	7.17
Mact	31207	3.10	25.2	11000	<10	9.28
	31209	3.00	36.7	13000	<10	8.72
	31210	3.50	30.6	6800	280	15.8
	31211	2.60	30.2	4100	150	9.26
	31212	2.90	34.0	4000	370	5.88
	31213	2.90	35.3	4600	460	4.69
	31214	3.60	30.7	5200	200	5.77
	31215	4.30	27.7	5000	220	6.00
	31216	3.60	63.2	5300	100	10.9
	31217	4.70	32.9	4200	200	5.17
	31218	3.10	49.8	5100	300	8.66
	31219	5.50	27.9	7300	190	6.01
	31220	4.50	31.4	8900	240	9.46
	31221	6.60	20.4	7600	100	5.69
	31222	2.80	31.5	8600	270	8.14
Pardleyer	31597	3.20	54.0	3300	620	9.23
	31598	3.90	18.0	3400	30	6.98
	31599	1.40	64.3	3600	600	10.0
	31600	4.60	29.2	3900	30	8.10
	31601	2.70	41.3	7100	170	9.20
	31602	3.70	21.5	3700	10	6.97
	31603	3.10	26.2	3500	220	6.30
	31604	3.00	33.8	4400	470	8.21
	31605	2.60	38.3	4100	40	9.57
	31606	2.90	30.4	6400	10	8.48
	31607	1.80	91.4	3600	310	9.15
	31608	1.70	40.3	3100	1000	8.30
	31609	4.20	45.9	5100	1100	7.56
	31610	3.60	23.9	4600	10	7.42
	31611	4.60	30.8	4300	40	7.71
BNC	31612	3.70	21.9	3600	10	6.86
	31629	2.30	17.4	6300	140	6.65
	31630	3.50	9.9	5600	50	4.47
	92613	2.30	17.3	6300	120	6.59
Fengju	HB85-02 HORNBLLENDE	1.10	107.	7500	20	10.9
	HB85-02 SPHENE	0.12	25.6	190000	50	0.95
	HH85-01 BIOTITE	0.10	22.4	30000	10	15.0
	HH85-01 HORNBLLENDE	0.67	129.	4800	10	9.12
	HH85-01 SPHENE	<0.05	29.1	370000	<10	1.54
	HH85-05 #1	0.11	22.6	27000	10	12.9
	HH85-05 #3	0.62	134.	6700	10	9.93
	HL85-10 BIOTITE	0.12	36.9	28000	<10	11.7
	HL85-10-1 SPATITE	0.09	0.9	310	50	0.22
	HL85-10-2 SPATITE	<0.07	63.6	690000	80	1.67
	HV85-07	0.15	50.0	2300	<10	12.5
	HV85-07 SPATITE	0.11	2.1	420	<10	<0.02

	SAMPLE	CO PPM	AS PPM	SE PPM	BR PPM	RB PPM
BNC	17261	14	5	7	<2.4	100
	17603	<5	3	11	<0.7	140
	17605	13	2	<5	<0.5	290
	18017	24	<2	<5	<0.7	230
	18019	19	<2	<12	<2.2	180
	18021	<5	<2	<5	<0.7	140
	18022	11	<2	<5	<0.8	130
	18024	13	2	<5	<0.6	280
	18162	15	3	<12	2.7	150
	19949	11	3	<11	<2.2	520
	19952	15	<2	<5	<2.0	110
	22369	40	3	<5	2.4	<20
	22375	35	36	<5	<0.8	<20
	22382	35	15	<5	<0.9	<20
	22386	32	57	<5	<0.6	40
22391	35	45	<5	0.9	20	
22395	31	62	<5	<0.7	<20	
22400	37	14	<5	<0.9	<20	
22403	37	43	<5	<0.9	<30	
22417	47	26	<5	<1.0	<20	
Mac I	25316	45	<2	<5	1.1	70
	25319	49	<2	<5	6.9	90
BNC	25991	23	<2	<15	<2.3	110
Mac I	26661	39	<2	<5	<0.8	<30
	26665	34	<2	20	<0.8	70
	28203	40	<2	<7	<2.4	<70
	28204	46	<2	<5	<0.9	<20
	28210	33	<2	<5	1.4	<30
	29805	48	3	<5	<1.7	<30
	29806	53	4	5	1.3	<30
	29807	49	69	<5	<0.5	90
	29808	27	8	<5	<0.8	<20
	29809	30	3	<5	<0.9	50
	29810	48	<2	<5	<0.9	40
	29811	36	2	<5	<3.1	30
	29812	51	2	<5	<0.9	<30
	29813	32	<2	5	<0.9	<40
	29814	44	<2	<5	<1.0	<20
29815	33	12	<9	<0.8	<30	
29816	34	8	<5	1.5	90	
30380	57	3	<5	<0.9	60	
30381	57	6	<5	<1.4	<40	
30382	45	4	<5	<0.5	30	
30383	55	36	66	<0.8	<20	
30384	53	32	<5	<0.8	<20	
30385	47	24	<5	<0.8	<20	
30386	46	34	<5	<0.8	<20	
30387	27	13	<5	<0.7	50	
30388	12	74	<5	<0.5	140	
30389	20	3	<5	3.4	30	

SAMPLE	CO PPM	AS PPM	SE PPM	BR PPM	RB PPM
30392	21	<2	<5	<1.2	40
30395	18	4	<5	1.0	<30
30396	45	<2	30	8.5	<20
31207	22	<2	<5	1.1	40
31209	37	3	5	10.0	50
31210	100	17	<5	<0.9	<20
31211	28	2	<5	<0.8	<30
31212	29	24	<5	1.1	<30
31213	29	<2	27	<0.9	50
31214	31	<2	28	<1.0	40
31215	33	3	<5	<1.0	<30
31216	66	<2	<5	<1.1	40
31217	26	7	<5	<1.0	<30
31218	41	85	<5	<1.0	40
31219	35	<2	<5	<1.1	<40
31220	46	<2	<5	<1.1	<20
31221	34	<2	<5	<1.0	<40
31222	43	<2	<7	<1.6	30
31597	62	11	<5	<1.1	<30
31598	26	26	<5	<0.9	50
31599	65	4	<5	<1.0	40
31600	21	6	<5	<1.0	40
31601	49	4	<5	2.4	50
31602	38	2	<5	1.5	90
31603	19	14	<5	1.2	100
31604	28	16	<5	<1.0	40
31605	52	2	<5	1.2	100
31606	36	7	<5	<0.9	80
31607	56	<2	<5	<1.2	<20
31608	57	7	<5	<0.9	50
31609	64	9	31	<1.1	<30
31610	35	<2	<5	<1.0	80
31611	29	7	<5	<1.2	110
31612	42	2	<5	<0.9	90
31629	43	<2	<6	1.7	130
31630	26	2	80	<0.5	330
92613	42	<2	<5	1.5	120
HB85-02 HORNBLLENDE	62	2	<5	4.3	<20
HB85-02 SPHENE	<5	35	<23	3.6	<70
HH85-01 BIOTITE	90	<2	<5	1.0	290
HH85-01 HORNBLLENDE	48	<2	<5	<1.4	<20
HH85-01 SPHENE	<5	11	<22	<3.9	<110
HH85-05 #1	69	<2	<5	14.0	300
HH85-05 #3	50	2	<5	<1.5	<20
HL85-10 BIOTITE	49	<2	<5	1.2	220
HL85-10-1 SPATITE	<5	10	10	<6.0	<80
HL85-10-2 SPATITE	11	<8	13	<5.9	<240
HV85-07	44	<2	<5	3.3	360
HV85-07 SPATITE	5	9	<23	<2.4	<60

BNC  
BNC

SAMPLE	SR PPM	Y PPM	NB PPM	MO PPM	SB PPM
17261	3300	26	110	<5	<0.3
17603	1200	14	12	<5	0.3
17605	790	30	40	<5	0.2
18017	930	28	36	<5	<0.2
18019	3200	30	110	<5	0.7
18021	470	16	8	<5	0.2
18022	840	28	30	<5	0.2
18024	1200	28	44	<5	0.2
18162	3900	28	96	<5	0.3
19949	820	62	340	<5	0.9
19952	3200	24	110	<5	0.5
22369	190	32	6	<5	2.9
22375	64	18	<2	5	4.3
22382	76	32	6	<5	0.3
22386	30	18	2	<5	1.0
22391	36	20	2	<5	0.7
22395	44	14	<2	<5	1.5
22400	74	34	6	<5	5.8
22403	110	28	6	<5	2.7
22417	90	32	6	<5	1.5
25316	140	26	72	<5	<0.2
25319	540	22	81	<5	1.8
25991	3100	24	110	<5	0.4
26661	54	24	22	<5	<0.2
26665	230	26	8	<5	0.3
28203	150	26	24	8	<0.3
28204	170	20	4	<5	0.2
28210	680	18	30	<5	0.6
29805	130	30	10	<5	0.3
29806	230	24	10	<5	2.7
29807	30	22	10	8	44.0
29808	24	32	16	<5	40.0
29809	680	20	36	<5	<0.2
29810	500	18	8	<5	0.2
29811	800	14	10	<5	0.3
29812	400	20	16	<5	0.2
29813	640	22	38	<5	<0.2
29814	290	22	10	<5	<0.2
29815	670	20	26	<5	0.3
29816	60	10	6	<5	1.5
30380	340	32	8	<5	1.1
30381	260	38	20	<5	0.6
30382	270	32	20	<5	2.8
30383	200	22	6	<5	19.0
30384	260	26	6	<5	23.0
30385	250	26	8	<5	40.0
30386	240	28	8	<5	39.0
30387	230	28	12	<5	8.4
30388	80	24	12	<5	11.0
30389	350	80	36	<5	1.0

SAMPLE	SR PPM	Y PPM	NB PPM	MO PPM	SB PPM
30392	76	72	26	<5	0.3
30395	72	84	26	<5	0.5
30396	150	10	4	<5	3.8
31207	378	74	26	<5	1.2
31209	100	54	18	<5	2.5
31210	86	14	24	5	0.2
31211	190	14	14	<5	<0.2
31212	230	18	20	<5	0.4
31213	1000	18	20	<5	1.2
31214	750	20	28	<5	0.3
31215	460	20	26	<5	0.5
31216	210	22	4	<5	0.4
31217	530	14	24	<5	<0.2
31218	260	24	12	<5	0.5
31219	520	22	36	<5	<0.2
31220	340	18	22	<5	0.3
31221	380	26	40	<5	<0.2
31222	420	24	32	<5	0.2
31597	620	12	4	<5	1.0
31598	770	20	4	<5	0.4
31599	410	12	4	<5	0.2
31600	480	22	4	<5	0.7
31601	390	26	6	<5	2.4
31602	770	18	4	<5	0.7
31603	510	24	4	<5	1.0
31604	760	20	6	<5	3.5
31605	780	16	4	<5	0.2
31606	600	22	4	<5	0.3
31607	470	10	4	<5	<0.2
31608	330	14	4	<5	3.3
31609	300	18	4	<5	1.9
31610	560	24	6	<5	0.4
31611	630	24	10	<5	0.5
31612	770	20	6	<5	0.4
31629	5700	34	66	<5	1.0
31630	1100	28	40	<5	0.2
92613	5700	34	66	<5	1.0
HB85-02 HORNBLLENDE	58	58	6	17	0.6
HB85-02 SPHENE	28	220	130	<5	18.0
HH85-01 BIOTITE	32	6	10	<5	0.2
HH85-01 HORNBLLENDE	84	50	6	<5	0.3
HH85-01 SPHENE	24	410	140	<5	5.5
HH85-05 #1	20	8	10	<5	<0.2
HH85-05 #3	46	38	6	<5	0.2
HL85-10 BIOTITE	22	4	10	<5	0.2
HL85-10-1 SPATITE	190	350	4	<12	1.0
HL85-10-2 SPATITE	32	2100	460	<5	4.8
HV85-07	30	8	10	14	<0.2
HV85-07 SPATITE	240	270	8	<10	<0.4

SAMPLE	CS PPM	BA PPM	LA PPM	CE PPM	ND PPM
17261	9.4	7100	266.	330	99
17603	2.9	1800	73.0	144	40
17605	1.9	2200	78.0	119	44
18017	3.3	2600	76.0	118	49
18019	9.5	4400	324.	356	112
18021	2.6	1400	26.0	39	16
18022	4.0	1800	79.0	110	44
18024	4.2	2800	83.0	122	43
18162	9.4	4200	286.	295	113
19949	17.4	1500	313.	445	93
19952	29.4	5500	263.	278	93
22369	<1.1	100	6.0	27	13
22375	<1.6	* 68000	6.0	20	28
22382	<1.8	600	6.0	22	13
22386	1.5	* 50000	5.0	27	27
22391	1.4	* 53000	5.0	22	12
22395	1.8	* 82000	4.0	22	31
22400	1.9	2200	5.0	25	14
22403	<1.9	2600	5.0	16	13
22417	<1.9	100	6.0	22	14
25316	9.9	800	61.0	84	28
25319	9.4	1500	80.0	121	52
25991	28.1	4200	276.	346	98
26661	<1.8	<100	33.0	52	19
26665	<1.7	500	17.0	26	18
28203	<4.7	300	34.0	48	21
28204	<1.8	<100	2.0	9	<5
28210	<1.8	100	27.0	50	20
29805	<2.0	100	10.0	25	11
29806	<2.0	300	13.0	33	11
29807	1.3	4500	9.0	19	7
29808	<1.1	1000	19.0	41	21
29809	2.8	5400	71.0	114	40
29810	<1.0	400	10.0	26	9
29811	<1.1	700	22.0	37	19
29812	1.3	300	27.0	43	16
29813	<1.2	100	69.0	102	41
29814	1.9	200	15.0	25	10
29815	<1.1	1800	41.0	92	34
29816	1.4	3900	1.0	<3	<5
30380	<0.5	200	7.0	23	15
30381	2.5	300	15.0	40	24
30382	5.1	300	15.0	51	21
30383	3.4	100	7.0	18	11
30384	<1.1	100	9.0	26	13
30385	1.8	100	8.0	26	13
30386	5.3	200	9.0	30	14
30387	1.9	600	24.0	41	<5
30388	10.7	1000	40.0	63	33
30389	<0.6	17000	25.0	56	17

SAMPLE	CS PPM	BA PPM	LA PPM	CE PPM	ND PPM
30392	2.8	500	34.0	83	40
30395	1.0	500	43.0	88	33
30396	<1.0	<100	3.0	9	<5
31207	2.7	1000	33.0	75	31
31209	1.2	1200	30.0	76	34
31210	1.5	100	41.0	77	30
31211	<1.0	<100	17.0	48	13
31212	1.6	300	32.0	64	20
31213	<1.0	700	33.0	66	23
31214	0.9	400	49.0	94	33
31215	<1.4	300	57.0	98	40
31216	<1.6	100	3.0	9	7
31217	<1.4	400	42.0	65	25
31218	<1.4	800	17.0	33	9
31219	<1.5	700	61.0	108	39
31220	<1.4	400	42.0	85	34
31221	<1.5	400	67.0	131	43
31222	<1.3	700	72.0	130	59
31597	<1.4	200	10.0	21	9
31598	2.9	1000	15.0	30	11
31599	1.9	900	7.0	14	8
31600	<0.5	700	8.0	19	9
31601	2.3	1100	11.0	26	11
31602	1.4	1500	14.0	27	15
31603	<0.5	1500	15.0	35	13
31604	10.0	800	22.0	40	17
31605	<1.3	1200	13.0	28	11
31606	<1.2	1000	12.0	23	13
31607	2.8	800	9.0	15	11
31608	2.9	500	7.0	17	9
31609	<1.4	<100	6.0	19	9
31610	3.0	1500	17.0	30	21
31611	2.0	1100	42.0	70	31
31612	1.8	1500	14.0	28	13
31629	42.5	6000	310.	512	188
31630	3.1	2300	83.0	133	46
92613	45.9	6300	306.	500	186
HB85-02 HORNBLLENDE	<1.6	200	20.0	68	57
HB85-02 SPHENE	<3.4	800	571.	1460	740
HH85-01 BIOTITE	6.5	4700	1.0	3	<5
HH85-01 HORNBLLENDE	<2.7	100	21.0	63	46
HH85-01 SPHENE	<7.9	2300	1560.	2540	1030
HH85-05 #1	8.3	4800	1.0	<3	<5
HH85-05 #3	<2.8	<100	36.0	77	45
HL85-10 BIOTITE	4.7	6400	1.0	<3	<5
HL85-10-1 SPATITE	<3.3	2600	945.	1400	889
HL85-10-2 SPATITE	<18.5	11000	2860.	5390	2520
HV85-07	11.0	5100	2.0	<3	<5
HV85-07 SPATITE	<4.4	1400	534.	765	481

SAMPLE	SM PPM	EU PPM	YB PPM	LU PPM
17261	13.1	5.4	1.7	0.34
17603	7.1	0.6	0.5	0.12
17605	8.8	1.2	1.9	0.39
18017	9.9	1.1	2.1	0.42
18019	18.5	2.1	2.7	0.38
18021	3.5	0.9	0.7	0.14
18022	8.6	0.9	2.0	0.34
18024	8.9	0.8	2.0	0.43
18162	15.2	2.7	1.2	0.28
19949	14.9	2.4	3.3	0.60
19952	13.7	4.1	1.1	0.29
22369	4.7	1.7	4.2	0.71
22375	3.9	1.3	3.5	0.54
22382	4.4	1.6	3.7	0.66
22386	4.0	0.8	3.6	0.59
22391	4.4	1.0	3.7	0.63
22395	3.7	1.2	3.0	0.59
22400	4.6	1.2	4.2	0.72
22403	3.6	1.4	3.3	0.53
22417	4.9	1.6	4.3	0.72
25316	5.6	0.8	1.7	0.26
25319	9.6	1.4	2.0	0.27
25991	14.1	2.2	1.7	0.29
26661	3.9	0.6	1.7	0.29
26665	4.6	0.9	1.9	0.33
28203	3.7	1.3	2.3	0.42
28204	1.1	0.5	1.8	0.32
28210	4.3	1.4	1.5	0.26
29805	3.2	0.7	3.3	0.60
29806	3.7	1.7	3.4	0.61
29807	2.1	0.8	3.9	0.64
29808	5.2	0.8	4.8	0.92
29809	7.7	1.6	1.9	0.34
29810	1.8	0.7	2.4	0.42
29811	4.0	1.5	1.8	0.30
29812	3.5	0.8	2.4	0.38
29813	7.0	2.0	1.7	0.34
29814	2.4	0.8	2.6	0.39
29815	6.9	1.9	2.2	0.34
29816	0.2	<0.2	0.9	0.16
30380	5.4	1.6	3.9	0.57
30381	7.1	2.1	4.5	0.64
30382	6.6	1.9	4.1	0.63
30383	3.8	1.1	3.1	0.43
30384	4.2	1.4	3.6	0.52
30385	3.7	1.3	3.2	0.41
30386	3.8	1.6	3.2	0.46
30387	3.7	0.9	2.6	0.50
30388	6.6	1.6	1.7	0.33
30389	6.9	0.9	15.5	2.14

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SAMPLE	SM PPM	EU PPM	YB PPM	LU PPM
30392	10.0	2.8	9.2	1.56
30395	9.6	1.6	9.8	1.58
30396	1.2	0.4	1.4	0.23
31207	9.8	2.2	9.1	1.45
31209	7.0	2.0	6.5	1.04
31210	4.9	1.0	1.9	0.32
31211	2.7	0.7	1.6	0.29
31212	4.1	1.1	1.8	0.31
31213	4.6	1.3	1.8	0.28
31214	6.1	1.7	2.3	0.32
31215	6.3	1.7	2.3	0.33
31216	2.0	0.6	3.8	0.60
31217	4.4	1.0	1.8	0.34
31218	2.8	0.9	3.0	0.42
31219	7.2	2.1	2.7	0.39
31220	7.6	1.7	2.8	0.40
31221	8.6	1.3	2.8	0.36
31222	9.0	1.9	2.8	0.38
31597	2.4	0.7	1.5	0.20
31598	3.2	1.1	2.1	0.36
31599	2.2	0.6	1.5	0.22
31600	2.7	<0.2	2.4	0.31
31601	3.9	1.5	3.3	0.49
31602	3.1	0.7	2.1	0.32
31603	3.7	1.1	2.5	0.39
31604	4.6	1.1	2.6	0.38
31605	3.4	0.9	1.9	0.23
31606	3.5	0.9	2.0	0.34
31607	2.6	0.9	1.3	0.22
31608	2.0	0.3	1.9	0.24
31609	3.1	0.7	2.3	0.33
31610	4.1	1.4	2.5	0.38
31611	5.9	1.8	2.4	0.34
31612	3.1	1.0	2.2	0.30
31629	28.3	3.9	2.8	0.46
31630	8.4	1.5	2.2	0.39
92613	28.5	4.2	2.9	0.37
HB85-02 HORNBLLENDE	16.7	2.9	7.7	1.05
HB85-02 SPHENE	132.	8.6	60.3	10.4
HH85-01 BIOTITE	0.1	<0.2	0.2	<0.05
HH85-01 HORNBLLENDE	14.5	1.5	5.7	0.93
HH85-01 SPHENE	231.	28.6	97.9	18.5
HH85-05 #1	0.1	<0.2	<0.2	<0.05
HH85-05 #3	13.0	1.8	5.1	0.85
HL85-10 BIOTITE	0.1	<0.2	<0.2	<0.05
HL85-10-1 SPATITE	179.	9.7	31.2	5.07
HL85-10-2 SPATITE	727.	30.8	290.	48.6
HV85-07	0.1	0.2	0.6	0.08
HV85-07 SPATITE	106.	6.3	30.6	6.15

SAMPLE	HF PPM	TA PPM	TH PPM	U PPM
30392	9	2	6.7	3.4
30395	9	1	9.6	4.8
30396	1	<1	0.4	<0.5
31207	9	<1	6.2	2.8
31209	6	<1	3.3	2.0
31210	3	1	4.1	1.9
31211	1	<1	1.2	0.6
31212	2	<1	2.0	0.6
31213	3	2	3.0	0.9
31214	3	1	3.9	1.4
31215	3	<1	5.1	1.9
31216	<1	<1	0.2	0.9
31217	2	<1	3.3	1.6
31218	1	<1	1.8	0.9
31219	4	2	5.4	1.8
31220	3	1	1.7	0.8
31221	4	2	7.2	2.4
31222	4	1	3.7	1.2
31597	<1	<1	1.0	1.1
31598	1	<1	2.1	1.7
31599	<1	<1	0.9	0.5
31600	<1	<1	1.1	1.1
31601	2	<1	1.4	1.2
31602	2	<1	3.0	1.7
31603	2	<1	2.3	1.1
31604	2	<1	2.6	4.7
31605	<1	<1	1.2	0.9
31606	1	<1	1.2	1.0
31607	<1	<1	1.2	<0.5
31608	1	<1	1.1	0.8
31609	2	<1	0.3	<0.5
31610	2	1	3.6	2.2
31611	2	<1	8.3	3.2
31612	2	<1	2.3	1.1
31629	6	1	38.0	7.4
31630	7	1	21.0	6.6
92613	7	1	38.0	8.2
HB85-02 HORNBLLENDE	3	1	1.1	2.8
HB85-02 SPHENE	47	15	100.	140.
HH85-01 BIOTITE	<1	<1	0.2	0.5
HH85-01 HORNBLLENDE	3	<1	1.8	0.8
HH85-01 SPHENE	69	16	440.	237.
HH85-05 #1	<1	<1	<0.2	<0.5
HH85-05 #3	5	1	5.5	4.0
HL85-10 BIOTITE	<1	<1	<0.2	<0.5
HL85-10-1 SPATITE	5	<6	4.2	5.2
HL85-10-2 SPATITE	64	83	140.	148.
HV85-07	<1	<1	<0.3	0.9
HV85-07 SPATITE	7	<4	4.9	13.2

SAMPLE	HF PPM	TA PPM	TH PPM	U PPM
17261	8	8	51.0	12.8
17603	7	<1	14.0	3.5
17605	8	3	17.0	6.0
18017	6	2	14.0	5.3
18019	9	8	54.0	7.7
18021	5	<1	8.2	4.4
18022	8	1	12.0	2.8
18024	9	1	18.0	7.3
18162	8	7	66.0	11.6
19949	35	16	310.	68.2
19952	10	10	53.0	8.0
22369	3	<1 ✓	<0.1	0.6
22375	3	<1 ✓	0.4	<0.5
22382	3	<1 ✓	0.3	0.6
22386	3	<1 ✓	<0.1	0.7
22391	3	<1 ✓	0.6	<0.5
22395	3	<1 ✓	<0.3	0.5
22400	4	<1 ✓	0.4	<0.5
22403	3	<1	0.1	<0.5
22417	4	<1	0.1	0.6
25316	6	5	6.7	2.5
25319	7	8	8.0	3.1
25991	9	6	52.0	9.2
26661	2	2	1.8	0.8
26665	2	<1	1.1	<0.5
28203	3	<3	3.0	1.9
28204	<1	<1	0.3	0.7
28210	3	3	1.8	1.2
29805	2	<1	1.3	1.2
29806	3	<1	0.6	0.6
29807	3	1	1.5	5.2
29808	5	1	3.8	2.5
29809	3	2	4.4	3.6
29810	<1	<1	1.2	<0.5
29811	3	<1	2.4	1.8
29812	<1	<1	2.3	0.7
29813	3	2	4.8	1.8
29814	<1	<1	1.5	1.0
29815	3	2	2.0	0.8
29816	<1	<1	0.5	2.0
30380	3	2	0.6	<0.5
30381	4	2	1.0	<0.5
30382	5	<1	1.0	0.6
30383	2	<1	<0.2	<0.5
30384	3	<1	1.2	0.7
30385	3	<1	0.9	0.6
30386	3	<1	0.9	<0.5
30387	4	<1	7.7	3.4
30388	5	1	6.1	4.0
30389	11	2	8.4	4.0

*See above*

SAMPLE	HF PPM	TA PPM	TH PPM	U PPM
30392	9	2	6.7	3.4
30395	9	1	9.6	4.8
30396	1	<1	0.4	<0.5
31207	9	<1	6.2	2.8
31209	6	<1	3.3	2.0
31210	3	1	4.1	1.9
31211	1	<1	1.2	0.6
31212	2	<1	2.0	0.6
31213	3	2	3.0	0.9
31214	3	1	3.9	1.4
31215	3	<1	5.1	1.9
31216	<1	<1	0.2	0.9
31217	2	<1	3.3	1.6
31218	1	<1	1.8	0.9
31219	4	2	5.4	1.8
31220	3	1	1.7	0.8
31221	4	2	7.2	2.4
31222	4	1	3.7	1.2
31597	<1	<1	1.0	1.1
31598	1	<1	2.1	1.7
31599	<1	<1	0.9	0.5
31600	<1	<1	1.1	1.1
31601	2	<1	1.4	1.2
31602	2	<1	3.0	1.7
31603	2	<1	2.3	1.1
31604	2	<1	2.6	4.7
31605	<1	<1	1.2	0.9
31606	1	<1	1.2	1.0
31607	<1	<1	1.2	<0.5
31608	1	<1	1.1	0.8
31609	2	<1	0.3	<0.5
31610	2	1	3.6	2.2
31611	2	<1	8.3	3.2
31612	2	<1	2.3	1.1
31629	6	1	38.0	7.4
31630	7	1	21.0	6.6
92613	7	1	38.0	8.2
HB85-02 HORNBLLENDE	3	1	1.1	2.8
HB85-02 SPHENE	47	15	100.	140.
HH85-01 BIOTITE	<1	<1	0.2	0.5
HH85-01 HORNBLLENDE	3	<1	1.8	0.8
HH85-01 SPHENE	69	16	440.	237.
HH85-05 #1	<1	<1	<0.2	<0.5
HH85-05 #3	5	1	5.5	4.0
HL85-10 BIOTITE	<1	<1	<0.2	<0.5
HL85-10-1 SPATITE	5	<6	4.2	5.2
HL85-10-2 SPATITE	64	83	140.	148.
HV85-07	<1	<1	<0.3	0.9
HV85-07 SPATITE	7	<4	4.9	13.2