SUMMARY OF THE 2005 DIAMOND DRILLING PROGRAM, WEST TIMMINS PROJECT

VOLUME 3: Assay Results & Petrographic Study

MONTCALM, NOVA AND BELFORD TOWNSHIPS

Work Completed: September 26th to November 25th, 2005

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April 5, 2006

APPENDIX 5

SGS Lab Procedures & Sample Quality Control

ICP12B – Geochem Analysis by Aqua Regia Digestion / ICP-ES

Purpose:
This procedure applies to all geological samples to be analyzed for mutli-element by ICP-ES. .

Digestion:
Weight 0.25 gram sample, add 2 mls HNO3, mix and heat in water bath for ½ hour. Cool, and then add 1ml HCL. Heat in a water bath for 2 hours. Cool to room temperature and add 17 mls distilled water, mix.

Instrumentation:
ICP-ES – Samples are analyzed on ARL 3560 or Optima (3000 or 4300). The calibration stds. are made up of a blank, a 5ppm std., a 50 ppm std. An Fe at 1000 ppm and Ag at 1 ppm. Drift check solution is also used to monitor drift.

Quality Control:
A reference material is digested and analyzed with each batch of 48 samples or less to ensure batch accuracy. Duplicates are digested and analyzed every 20 samples or less to ensure batch precision.

Reporting:
Results from the instruments are processed automatically, loaded into the LIMS where the QC parameters are checked before final reporting.

ELEMENTS AND LIMITS

	Detection Limits	Upper Limits
Al	*0.01%	15%
Sb	*5 ppm	1%
As	3 ppm	1%
Ba	*1 ppm	1%
Be	0.5 ppm	2500 ppm
Bi	5 ppm	1%
Cd	1 ppm	1%
Ca	*0.01%	15%
Cr	*1 ppm	1%
Co	1 ppm	1%
Cu	0.5 ppm	1%
Fe	*0.01%	15%
La	*0.5 ppm	1%
Pb	2 ppm	1%
Li	*1 ppm	1%
Mg	*0.01%	15%
Mn	2 ppm	1%
Mo	1 ppm	1%
Ni	1 ppm	1%
P	*50 ppm	1%
K	*0.01%	15%
Sc	*0.5 ppm	1%
Ag	.2 ppm	10 ppm
Na	*0.01%	15%
Sr	*0.5 ppm	5000 ppm
Sn	10 ppm	1%
Ti	*0.01%	15%
W	*10ppm	1%
V	*2 ppm	1%
Y	*0.5 ppm	1%
Zn	*0.5 ppm	1%
Zr	*0.5 ppm	1%

* Leach is partial for these elements . Other elements may be partial depending on their mineralogy

Sample Quality Control: Duplicate Samples																		
ANALYSIS	Cr	Cr	Cr	Co	Co	Co	Ni	Ni	Ni	Cu	Cu	Cu	Zn	Zn	Zn	Pb	Pb	Pb
METHOD	ICP12B	ICP12B	Variatbility	ICP12B	ICP12B	Variatbility	ICP12B	ICP12B	Variatbility	ICP12B	ICP12B	Variatbility	ICP12B	ICP12B	Variatbility	ICP12B	ICP12B	Variatbility
DETECTION	1	1	(%)	1	1	(%)	1	1	(%)	0.5	0.5	(%)	0.5	0.5	(%)	2	2	(%)
94646	72	69	4.17	14	13	7.14	40	38	5.00	40.9	44.6	9.05	15.3	15	1.96	2	2	0.00
94651	97	95	2.06	12	13	8.33	35	35	0.00	257	238	7.39	448	433	3.35	13	11	16.38
94663	272	273	0.37	32	31	3.13	194	196	1.03	131	132	0.76	1020	1030	0.98	21	20	4.76
94675	44	43	2.27	12	13	8.33	22	23	4.55	30.5	31.7	3.93	95.3	96.9	1.68	3	5	66.67
94687	63	63	0.00	17	18	5.88	32	35	9.38	47.6	44.3	6.93	214	218	1.87	6	9	50.00
94698	71	71	0.00	13	13	0.00	24	24	0.00	30.7	29.5	3.91	90	86.9	3.44	3	3	0.00
94710	142	141	0.70	17	17	0.00	41	42	2.44	105	102	2.86	22.6	22.7	0.44	2	2	0.00
94722	77	75	2.60	28	29	3.57	76	79	3.95	148	147	0.68	2600	2560	1.54	29	29	0.00
94734	171	168	1.75	46	45	2.17	176	174	1.14	221	219	0.90	2620	2590	1.15	12	11	8.33
94746	114	110	3.51	8	8	0.00	23	24	4.35	46.2	44.8	3.03	62.4	69.4	11.22	3	4	33.33
94758	200	193	3.50	29	28	3.45	117	118	0.85	109	116	6.42	55.9	57.4	2.68	2	2	0.00
94761	104	100	3.85	16	15	6.25	67	62	7.46	75.4	77.3	2.52	19.5	16.4	5.64	2	2	0.00
94773	55	53	3.64	29	28	3.45	87	86	1.15	154	147	4.55	853	822	3.63	6	6	0.00
94785	1440	1330	7.64	75	73	2.67	1110	1020	8.11	0.5	0.5	0.00	12.1	13.6	12.40	2	2	0.00
94797	1050	1040	0.95	80	76	5.00	869	842	3.11	26.3	26.1	0.76	16.7	15.8	5.39	2	2	0.00
94809	18	21	16.67	13	12	7.69	13	15	15.38	142	150	5.63	10.5	9.6	8.57	2	2	0.00
94821	17	15	11.76	34	36	5.88	74	74	0.00	296	276	6.76	9.9	8.9	10.10	2	2	0.00
94833	62	57	8.06	12	11	8.33	37	36	2.70	48.8	49.8	2.05	17.9	16.8	6.15	2	2	0.00
94845	199	197	1.01	27	26	3.70	94	94	0.00	50.9	53.2	4.52	56.1	52.2	6.95	2	2	0.00
94857	116	111	4.31	8	7	12.50	29	27	6.90	20.9	18.9	9.57	7.9	7.2	8.86	2	2	0.00
94869	87	86	1.15	14	15	7.14	45	47	4.44	50.5	49.9	1.19	38	37.4	1.58	2	2	0.00
94876	87	83	4.60	10	11	10.00	12	13	8.33	53.4	54.4	1.87	46.1	45.3	1.74	2	2	0.00
94888	105	84	20.00	11	11	0.00	21	20	4.76	4.7	3.2	31.91	45	44.5	1.11	2	2	0.00
94941	19	17	10.53	9	9	0.00	4	4	0.00	53.8	53.7	0.19	30.6	30.9	0.98	2	2	0.00
94948	109	107	1.83	26	26	0.00	86	86	0.00	77	78.7	0.39	58.8	57.9	1.53	2	2	0.00
94960	98	102	4.08	5	5	0.00	4	4	0.00	3.4	3.4	0.00	30.9	30.2	2.27	2	2	0.00
94967	556	552	0.72	38	38	0.00	117	114	2.56	86	78.2	9.07	83.2	83.5	0.36	2	2	0.00
94981	46	45	2.17	16	16	0.00	23	24	4.35	222	215	3.15	43.6	43.9	0.69	2	2	0.00
94993	61	63	3.28	25	25	0.00	51	52	1.96	214	213	0.47	56.3	58.3	3.55	2	2	0.00
94996	38	37	2.63	44.5	41.9	5.84	3	3	0.00	4	3.2	20.00	0.6	0.5	16.67	0.06	0.06	0.00
95000	51	49	3.92	36.1	35.6	1.39	3	3	0.00	1	1.1	10.00	0.5	0.5	0.00	0.09	0.08	11.11
95557	59	54	8.47	54.4	51.3	5.70	3	3	0.00	1.5	1.4	6.67	0.6	0.6	0.00	0.13	0.13	0.00
95560	60	67	11.67	25.7	30.2	17.51	3	3	0.00	52.2	56.5	8.24	2	2.1	5.00	0.16	0.17	6.25
95568	16	16	0.00	22.4	21.8	2.68	3	3	0.00	11.4	9.9	13.16	1	0.9	10.00	0.07	0.07	0.00
95580	12	10	16.67	28	27.4	2.14	3	3	0.00	8.8	10.7	21.59	2.5	2.5	0.00	0.18	0.16	11.11
95588	107	103	3.74	10	12	20.00	74	82	10.81	49.2	48.7	1.02	10.2	11.6	13.73	2	2	0.00
95600	18	22	22.22	14.4	10.1	29.86	3	3	0.00	53.6	48.7	9.14	0.5	0.5	0.00	0.06	0.07	16.67
95612	71	64	9.86	13.7	14.2	3.65	3	3	0.00	1.7	1.7	0.00	0.5	0.5	0.00	0.62	0.64	3.23
95620	6	7	16.67	11.9	11.7	1.68	3	3	0.00	19.4	23.1	19.07	5.3	6.8	28.30	0.02	0.01	50.00
95623	27	26	3.70	35.8	33.5	6.42	3	3	0.00	16.2	15.4	4.94	0.7	0.5	28.57	0.1	0.11	10.00
95636	37	37	0.00	39.3	36.8	6.36	3	3	0.00	15.8	14.6	7.59	1.7	1.5	11.76	0.39	0.39	0.00
95640	9	9	0.00	21.3	21.9	2.82	3	3	0.00	36.6	34.6	5.46	1.2	1.3	8.33	0.01	0.01	0.00
95646	25	25	0.00	58.6	60.7	3.58	3	3	0.00	15.4	15.1	1.95	2.3	2.3	0.00	0.02	0.03	50.00
95658	13	13	0.00	59	59.8	1.36	3	3	0.00	12.5	13.2	5.60	2.9	3	3.45	0.27	0.26	3.70
95660	11	12	9.09	36.9	44.1	19.51	3	3	0.00	7.8	10.2	30.77	2.4	2.6	8.33	0.14	0.14	0.00
95669	71	69	2.82	26.2	24.4	6.87	3	3	0.00	1.8	1.3	27.78	0.5	0.5	0.00	0.65	0.63	3.08
95681	21	20	4.76	34.7	32	7.78	3	3	0.00	65.2	64	1.84	2.7	2.5	7.41	0.09	0.09	0.00
95693	76	68	10.53	10.7	10.8	0.93	3	3	0.00	6.8	6.1	10.29	1.2	1.2	0.00	0.02	0.01	50.00
95705	11	10	9.09	28.9	28.2	2.42	3	3	0.00	19.5	17.9	8.21	1.6	1.6	0.00	0.07	0.07	0.00

Sample Quality Control: Duplicate Samples																		
ANALYSIS METHOD DETECTION	Cr ICP12B 1	Cr ICP12B 1	Cr Variatbility (%)	Co ICP12B 1	Co ICP12B 1	Co Variatbility (%)	Ni ICP12B 1	Ni ICP12B 1	Ni Variatbility (%)	Cu ICP12B 0.5	Cu ICP12B 0.5	Cu Variatbility (%)	Zn ICP12B 0.5	Zn ICP12B 0.5	Zn Variatbility (%)	Pb ICP12B 2	Pb ICP12B 2	Pb Variatbility (%)
95719	27	25	7.41	43	39	9.30	48	49	2.08	500	507	1.40	41.3	42.4	2.66	2	2	0.00
95731	46	46	0.00	9	9	0.00	25	26	4.00	19.6	21	7.14	30.3	32.3	6.60	2	2	0.00
95743	52	47	9.62	14	14	0.00	44	45	2.27	119	118	0.84	15.8	14.5	8.23	2	2	0.00
95755	66	58	12.12	14	14	0.00	3	3	0.00	81.1	81	0.16	22.7	20.7	8.81	2	2	0.00
95767	72	67	8.94	29	29	0.00	63	64	1.59	262	255	2.67	54.2	54.2	0.00	2	2	0.00
95779	265	260	1.89	17	17	0.00	105	99	5.71	36.7	34.6	5.72	15.3	13.3	13.07	3	2	33.33
95786	79	76	3.80	20	20	0.00	74	74	0.00	104	101	2.88	146	143	2.05	2	3	50.00
95798	65	65	0.00	9	10	11.11	18	19	5.56	46.4	45.9	1.08	34.6	35.6	2.89	2	2	0.00
			5.35			**4.97**			**2.38**			**6.42**			**5.22**			**8.37**

ANALYTIC VARIABILITY, MONTCALM 2005 DDH PROGRAM						
Element	Cr	Co	Ni	Cu	Zn	Pb
Variability(%)	5.35	4.97	2.38	6.42	5.22	8.37

APPENDIX 6

Assay Certificates

SGS

Final : R38640

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
94698	2	<10	<1	<0.5	0.03	1.01	1.68	0.06	0.21	1.72
94699	2	<10	<1	<0.5	0.03	1.52	2.22	0.04	0.24	1.47
94700	3	<10	<1	<0.5	0.18	0.74	2.54	0.04	0.27	8.40
94701	3	<10	<1	<0.5	0.18	2.11	3.01	0.04	0.13	4.04
94702	2	<10	<1	<0.5	0.14	1.73	2.97	0.07	0.33	2.30
94703	<1	<10	<1	<0.5	0.34	1.35	3.47	0.06	0.53	2.78
94704	3	<10	<1	<0.5	0.14	0.93	1.88	0.05	0.31	2.25
94705	3	<10	<1	<0.5	0.22	0.64	2.13	0.03	0.31	3.65
94706	3	<10	<1	<0.5	0.09	1.50	2.37	0.05	0.06	2.23
94707	2	<10	<1	<0.5	0.08	1.22	1.51	0.05	0.06	1.17
94708	3	<10	<1	<0.5	0.14	1.64	1.41	0.02	0.02	3.54
94709	5	<10	<1	1.1	0.06	3.09	2.67	0.02	0.06	4.32
94710	4	<10	<1	<0.5	0.07	1.80	1.52	<0.01	0.03	4.94
94711	5	<10	<1	<0.5	0.24	1.46	2.36	0.04	0.56	4.22
94712	11	<10	<1	0.6	0.05	3.07	4.07	0.05	2.17	4.31
94713	5	<10	<1	0.5	0.14	3.24	3.99	<0.01	2.08	5.21
94714	4	<10	1	<0.5	0.06	3.41	2.35	0.12	0.93	4.00
94715	5	<10	<1	0.5	0.08	2.06	1.91	0.18	0.92	2.50
94716	3	<10	<1	0.6	0.08	1.72	1.92	0.22	0.97	2.90
94717	3	<10	<1	<0.5	0.13	1.39	1.49	0.02	0.18	4.42
94718	2	<10	<1	<0.5	0.15	1.31	1.53	0.02	0.16	4.15
94719	<1	<10	<1	<0.5	0.16	1.59	1.97	0.02	0.29	4.09
94720	2	<10	2	<0.5	0.01	3.50	2.81	0.01	0.29	5.04
94721	4	<10	<1	<0.5	0.02	0.29	0.68	0.02	0.19	1.95
94722	4	<10	2	<0.5	0.04	0.37	0.83	0.04	0.26	2.45
94723	8	<10	<1	<0.5	0.09	0.45	1.13	0.03	0.22	1.55
94724	3	<10	<1	<0.5	0.06	0.48	0.99	0.05	0.27	1.34
94725	3	<10	<1	<0.5	0.05	0.29	0.78	0.03	0.20	0.81
94726	<1	<10	<1	<0.5	0.07	0.27	1.02	0.06	0.21	2.21
94727	<1	<10	<1	<0.5	0.04	0.70	1.33	0.04	0.37	4.32
94728	34	<10	<1	<0.5	0.02	0.28	0.91	0.04	0.39	2.28
94729	<1	<10	<1	<0.5	0.11	2.27	2.33	0.03	0.09	1.69
94730	<1	<10	3	<0.5	0.09	1.84	1.68	0.02	0.06	2.55
94731	<1	<10	2	<0.5	0.03	3.36	2.69	0.03	0.79	3.31
94732	2	<10	<1	<0.5	0.05	1.83	1.75	0.04	0.48	1.04
94733	2	<10	<1	1.2	0.05	1.01	1.02	0.04	0.44	0.20
94734	3	<10	<1	0.5	0.09	1.14	1.47	0.03	0.28	0.69
94735	4	<10	4	<0.5	0.04	2.94	2.20	0.03	0.76	0.22
94736	2	<10	4	<0.5	0.04	3.03	2.33	0.02	1.01	0.38
94737	<1	<10	2	<0.5	0.08	2.09	1.57	0.02	0.04	1.13
94738	4	<10	4	<0.5	<0.01	3.50	2.08	<0.01	<0.01	0.87
94739	<1	<10	<1	<0.5	<0.01	3.02	1.53	<0.01	<0.01	2.88
94740	3	<10	<1	<0.5	0.05	1.10	1.21	0.04	0.19	0.72
94741	6	<10	3	<0.5	0.22	1.06	1.70	0.03	0.17	1.93
94742	<1	10	18	<0.5	0.06	1.91	1.46	0.02	0.63	1.46
94743	<1	<10	<1	<0.5	0.09	0.96	1.52	0.04	0.61	1.03
94744	20	<10	<1	<0.5	0.03	0.53	0.93	<0.01	0.27	4.32
94745	<1	<10	<1	<0.5	<0.01	0.78	0.75	<0.01	0.46	3.30

SGS

Final : R38640

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
94746	<1	<10	<1	<0.5	<0.01	0.32	0.12	<0.01	0.03	1.39
94747	<1	<10	<1	<0.5	<0.01	0.11	0.07	<0.01	0.03	0.66
94748	7	<10	<1	<0.5	<0.01	0.27	0.26	<0.01	0.05	1.27
94749	<1	<10	6	<0.5	<0.01	0.27	0.26	<0.01	0.04	1.22
94750	<1	<10	<1	<0.5	0.03	3.98	2.82	0.02	1.31	0.64
94751	<1	<10	<1	<0.5	0.07	0.61	0.82	0.04	0.49	0.90
94752	<1	<10	6	<0.5	0.04	0.43	0.57	0.04	0.41	1.72
94753	1	<10	3	<0.5	<0.01	5.87	2.48	0.03	<0.01	0.36
94754	<1	<10	16	<0.5	<0.01	3.76	0.78	<0.01	<0.01	2.39
94755	<1	<10	4	1.0	<0.01	4.14	1.65	<0.01	<0.01	0.42
94756	<1	<10	4	<0.5	0.28	1.12	2.43	0.03	0.16	4.07
94757	<1	<10	5	<0.5	0.26	1.33	2.93	0.03	0.10	4.79
94758	<1	<10	4	<0.5	0.32	1.25	2.92	0.02	0.32	3.66
94759	<1	<10	<1	<0.5	0.21	1.48	2.43	0.02	0.22	5.04
94760	2	<10	<1	<0.5	0.11	1.21	1.33	0.02	0.18	4.43
*Dup 94698	1	<10	<1	<0.5	0.03	0.97	1.64	0.06	0.21	1.63
*Dup 94710	2	<10	<1	<0.5	0.07	1.81	1.50	<0.01	0.03	4.71
*Dup 94722	4	<10	<1	<0.5	0.04	0.37	0.80	0.04	0.24	2.49
*Dup 94734	1	<10	<1	<0.5	0.09	1.14	1.42	0.04	0.27	0.67
*Dup 94746	<1	<10	<1	<0.5	<0.01	0.32	0.11	<0.01	0.03	1.37
*Dup 94758	2	<10	4	<0.5	0.33	1.32	3.00	0.02	0.34	3.82

SGS

Final : R38640

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
94698	2.7	0.03	18	71	470	3.01	13	24	30.7	90.0
94699	5.7	<0.01	55	51	479	5.21	19	38	82.4	301
94700	7.1	0.07	52	77	811	2.85	12	25	65.2	52.2
94701	12.8	0.08	92	191	563	4.01	22	56	44.3	91.1
94702	9.7	0.15	68	140	440	3.49	18	62	50.7	165
94703	8.1	0.17	58	73	375	3.29	13	27	37.1	77.7
94704	6.2	0.12	46	81	272	2.49	13	24	26.8	134
94705	5.2	0.08	38	104	280	2.31	12	26	49.8	66.0
94706	7.3	0.07	56	78	480	3.04	12	27	12.6	51.4
94707	8.6	0.09	69	97	389	3.29	18	43	60.5	39.5
94708	13.5	0.04	83	58	759	3.37	17	27	109	28.1
94709	31.5	0.02	162	54	905	6.10	31	46	65.6	49.1
94710	16.2	0.02	86	142	748	3.29	17	41	105	22.6
94711	14.6	0.09	113	104	813	4.38	27	62	127	64.0
94712	15.8	0.19	126	152	850	5.03	22	55	70.4	114
94713	19.4	0.21	145	156	984	4.53	24	64	117	88.7
94714	11.1	0.14	85	362	783	4.14	29	203	33.0	69.8
94715	9.9	0.17	98	87	721	4.32	18	23	33.2	87.6
94716	6.5	0.14	83	45	687	4.64	18	18	19.3	125
94717	10.0	0.04	63	107	852	3.07	21	26	41.0	34.3
94718	9.3	0.04	59	101	779	2.73	19	24	44.8	35.1
94719	12.7	0.07	85	116	643	3.09	25	28	37.2	68.9
94720	17.6	0.02	94	618	1110	7.99	35	296	315	2950
94721	2.1	<0.01	5	81	216	4.63	28	102	173	1990
94722	2.3	0.01	13	77	267	3.92	28	76	148	2600
94723	3.3	0.04	21	85	327	6.76	32	85	268	2280
94724	3.5	0.05	22	79	362	3.25	24	60	96.1	984
94725	3.2	0.05	20	90	235	5.96	34	84	153	669
94726	3.0	0.07	21	92	339	2.44	15	33	41.5	883
94727	6.9	<0.01	28	120	350	3.94	25	88	142	710
94728	2.2	<0.01	6	67	180	3.42	24	52	130	518
94729	14.4	0.07	105	57	667	5.09	31	23	68.7	134
94730	11.1	0.06	72	326	589	3.40	23	93	176	64.1
94731	16.1	0.10	100	642	593	6.51	57	310	181	709
94732	9.7	0.09	70	261	350	6.78	63	211	421	856
94733	7.8	0.07	29	126	249	2.36	13	41	67.0	276
94734	10.8	0.11	54	171	334	5.34	46	176	221	2620
94735	8.2	0.13	94	577	451	6.23	48	239	241	343
94736	7.4	0.19	97	583	448	6.36	50	223	70.9	187
94737	6.6	0.07	47	335	393	3.13	29	200	75.2	72.2
94738	3.7	0.01	58	1220	243	2.79	44	561	31.8	30.4
94739	7.1	<0.01	44	1600	470	3.70	66	1220	64.4	70.3
94740	4.0	<0.01	16	82	186	3.61	13	42	62.7	699
94741	8.3	0.03	38	136	257	3.48	34	118	117	1220
94742	8.3	0.16	76	388	460	5.03	42	253	106	87.8
94743	6.2	0.07	49	99	569	6.75	24	84	83.6	255
94744	1.4	0.03	18	57	2560	--	24	58	137	199
94745	0.6	0.04	10	99	4160	10.7	9	25	56.6	97.8

SGS

Final : R38640

Element Method Det.Lim. Units	Sc ICP12B 0.5 PPM	Ti ICP12B 0.01 %	V ICP12B 2 PPM	Cr ICP12B 1 PPM	Mn ICP12B 2 PPM	Fe ICP12B 0.01 %	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM
94746	<0.5	<0.01	3	114	4220	9.27	8	23	46.2	62.4
94747	<0.5	<0.01	<2	116	1390	3.33	4	15	11.4	5.1
94748	0.8	0.01	8	86	1870	--	28	67	146	31.6
94749	0.7	0.01	7	81	1880	--	29	71	157	31.7
94750	8.5	0.15	100	918	742	4.57	41	384	8.3	157
94751	4.7	0.06	31	104	441	3.11	13	34	40.9	132
94752	2.5	0.04	14	94	479	2.03	12	37	41.3	185
94753	10.2	0.01	88	600	284	3.94	39	427	18.7	59.0
94754	5.8	<0.01	30	474	465	2.38	42	873	35.8	10.9
94755	6.8	0.01	56	894	162	2.53	48	928	75.3	30.4
94756	10.5	0.04	63	160	939	4.01	36	125	125	98.0
94757	8.1	0.04	50	130	912	3.70	38	101	106	80.8
94758	12.7	0.05	94	200	691	2.94	29	117	109	55.9
94759	15.0	0.05	91	168	1130	3.66	24	93	93.8	34.3
94760	10.1	0.05	65	136	863	2.59	18	70	95.3	25.6
*Dup 94698	2.8	0.03	18	71	475	2.98	13	24	29.5	86.9
Dup 94710	15.4	0.02	86	141	746	3.16	17	42	102	22.7
Dup 94722	2.3	<0.01	13	75	270	4.00	29	79	147	2560
*Dup 94734	10.1	0.10	54	168	335	5.25	45	174	219	2590
*Dup 94746	<0.5	<0.01	3	110	4200	9.23	8	24	44.8	69.4
Dup 94758	12.0	0.05	93	193	756	3.07	28	118	116	57.4

SGS

Final : R38640

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
94698	<3	16.6	7.1	4.0	3	<2	<1	<10	<5	34
94699	<3	13.5	8.6	6.0	2	<2	<1	<10	<5	32
94700	<3	92.6	8.3	0.8	2	<2	<1	<10	<5	81
94701	<3	52.6	7.9	1.7	2	<2	<1	<10	<5	40
94702	<3	45.7	9.5	6.4	2	<2	<1	<10	<5	77
94703	<3	73.4	10.0	2.7	2	<2	<1	<10	<5	118
94704	<3	33.2	8.1	2.7	3	<2	<1	<10	<5	63
94705	<3	65.5	5.7	0.6	2	<2	<1	<10	<5	57
94706	<3	30.0	6.6	3.1	2	<2	<1	<10	<5	21
94707	<3	16.5	6.9	4.8	2	<2	<1	<10	<5	23
94708	<3	10.6	5.7	0.7	2	<2	<1	<10	<5	<1
94709	<3	23.1	12.1	1.9	3	<2	<1	<10	<5	<1
94710	<3	25.7	6.6	1.0	2	<2	<1	<10	<5	<1
94711	8	41.7	8.6	1.7	2	<2	<1	<10	<5	190
94712	<3	35.9	8.5	4.4	2	<2	<1	<10	<5	553
94713	<3	68.1	8.9	3.1	2	<2	<1	<10	<5	746
94714	18	71.9	10.4	21.2	2	<2	<1	<10	<5	341
94715	3	92.4	11.5	15.2	2	<2	<1	<10	<5	769
94716	3	102	14.8	18.1	1	<2	<1	<10	<5	489
94717	<3	32.6	5.5	0.9	1	<2	<1	<10	<5	66
94718	5	34.9	5.7	0.7	2	<2	<1	<10	<5	58
94719	<3	28.7	4.9	1.1	2	<2	<1	<10	<5	87
94720	16	21.1	8.2	6.2	2	<2	6	<10	<5	12
94721	127	24.8	7.1	22.7	5	<2	3	<10	<5	16
94722	144	23.1	7.9	15.3	5	<2	4	<10	<5	29
94723	136	28.2	7.4	11.9	5	<2	3	<10	<5	31
94724	52	10.6	7.4	11.4	4	<2	1	<10	<5	34
94725	125	8.7	6.0	15.5	5	<2	<1	<10	<5	29
94726	19	15.8	6.5	6.9	3	<2	1	<10	<5	30
94727	10	33.2	7.7	16.1	4	<2	<1	<10	<5	42
94728	<3	17.9	5.6	17.4	5	<2	<1	<10	<5	53
94729	<3	17.7	6.3	3.4	3	<2	<1	<10	<5	10
94730	<3	20.7	4.7	1.0	2	<2	<1	<10	<5	3
94731	<3	24.8	7.7	5.5	3	<2	1	<10	<5	253
94732	<3	8.7	8.3	7.3	6	<2	3	<10	<5	299
94733	<3	3.9	4.5	11.9	4	<2	<1	<10	<5	242
94734	<3	7.6	6.7	7.0	8	<2	5	<10	<5	201
94735	<3	4.0	5.0	6.4	3	<2	<1	<10	<5	165
94736	<3	3.9	4.6	2.8	2	<2	<1	<10	<5	129
94737	<3	7.9	3.4	1.5	2	<2	<1	<10	<5	10
94738	87	3.0	0.8	1.0	1	<2	<1	<10	<5	<1
94739	<3	11.2	2.0	1.2	2	<2	<1	<10	<5	<1
94740	<3	5.2	9.3	13.1	3	<2	<1	<10	<5	73
94741	<3	20.9	7.6	6.9	8	<2	2	<10	<5	35
94742	<3	5.3	5.8	1.5	2	<2	<1	<10	<5	47
94743	<3	16.7	6.2	5.4	3	<2	<1	<10	<5	235
94744	<3	52.6	3.9	7.3	3	<2	<1	<10	<5	61
94745	<3	85.5	1.7	6.7	2	<2	<1	<10	<5	239

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
94746	<3	59.9	1.9	2.2	<1	<2	<1	<10	<5	19
94747	<3	22.3	0.8	1.3	<1	<2	<1	<10	<5	10
94748	<3	17.6	2.1	5.8	2	<2	<1	<10	<5	18
94749	<3	17.0	2.2	6.0	1	<2	<1	<10	<5	17
94750	<3	8.0	2.2	3.1	<1	<2	<1	<10	<5	397
94751	<3	7.2	4.4	6.5	4	<2	<1	<10	<5	181
94752	<3	12.5	5.5	8.0	3	<2	<1	<10	<5	77
94753	5	2.8	3.0	0.7	<1	<2	<1	<10	<5	<1
94754	3	51.0	2.1	<0.5	1	<2	<1	<10	<5	<1
94755	7	8.2	1.9	1.2	2	<2	<1	<10	<5	<1
94756	<3	33.9	6.6	1.0	2	<2	<1	<10	<5	54
94757	<3	52.1	6.8	1.0	2	<2	<1	<10	<5	24
94758	<3	35.5	5.8	0.6	2	<2	<1	<10	<5	73
94759	<3	25.2	6.2	<0.5	2	<2	<1	<10	<5	82
94760	<3	16.5	5.1	<0.5	2	<2	<1	<10	<5	87
*Dup 94698	<3	15.6	7.0	4.2	3	<2	<1	<10	<5	34
*Dup 94710	<3	25.0	6.4	0.7	2	<2	<1	<10	<5	<1
*Dup 94722	147	22.7	8.0	14.4	5	<2	4	<10	<5	29
*Dup 94734	<3	6.9	6.6	5.9	8	<2	5	<10	<5	202
*Dup 94746	<3	59.6	1.8	2.2	<1	<2	<1	<10	<5	18
*Dup 94758	<3	37.6	5.7	0.6	2	<2	<1	<10	<5	73

SGS

Final : R38640

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
94698	15.3	<10	3	<5	19
94699	14.3	<10	10	<5	30
94700	9.3	<10	<2	<5	10
94701	8.2	<10	<2	<5	15
94702	17.9	<10	4	<5	18
94703	14.7	<10	4	<5	17
94704	12.4	<10	<2	<5	13
94705	7.0	<10	<2	<5	11
94706	10.7	<10	<2	<5	12
94707	11.7	<10	<2	<5	11
94708	1.5	<10	<2	<5	10
94709	3.6	<10	<2	<5	22
94710	1.4	<10	<2	<5	11
94711	4.6	<10	<2	<5	14
94712	9.1	<10	9	<5	33
94713	11.0	<10	3	<5	38
94714	31.6	<10	5	<5	27
94715	42.2	<10	3	<5	30
94716	53.1	<10	7	<5	25
94717	2.8	<10	<2	<5	11
94718	3.2	<10	<2	<5	11
94719	2.0	<10	3	<5	14
94720	4.5	<10	39	<5	27
94721	13.8	<10	41	<5	3
94722	12.2	<10	29	<5	5
94723	9.8	<10	20	<5	9
94724	11.3	<10	11	<5	9
94725	11.3	<10	14	<5	6
94726	11.0	<10	9	<5	6
94727	12.8	<10	22	<5	7
94728	12.5	<10	8	<5	2
94729	5.8	<10	3	<5	16
94730	3.4	<10	<2	<5	19
94731	8.9	<10	5	<5	12
94732	12.2	<10	8	<5	12
94733	10.1	<10	10	<5	9
94734	11.2	<10	12	<5	12
94735	7.1	<10	6	<5	13
94736	4.1	<10	5	<5	12
94737	4.5	<10	<2	<5	9
94738	0.7	<10	<2	<5	1
94739	0.7	<10	<2	<5	3
94740	18.1	<10	5	<5	8
94741	13.0	<10	6	<5	7
94742	2.6	<10	3	<5	12
94743	11.6	<10	6	<5	12
94744	4.3	<10	14	<5	13
94745	3.2	<10	5	<5	6

SGS

Final : R38640

Element Method Det.Lim. Units	La ICP12B 0.5 PPM	W ICP12B 10 PPM	Pb ICP12B 2 PPM	Bi ICP12B 5 PPM	Li ICP12B 1 PPM
94746	1.9	<10	3	<5	<1
94747	0.7	<10	<2	<5	<1
94748	2.2	<10	11	<5	3
94749	2.2	<10	12	<5	2
94750	4.6	<10	<2	<5	32
94751	16.7	<10	2	<5	11
94752	18.7	<10	4	<5	7
94753	1.2	<10	<2	<5	1
94754	<0.5	<10	<2	<5	<1
94755	1.1	<10	<2	<5	2
94756	3.1	<10	<2	<5	9
94757	3.4	<10	<2	<5	8
94758	2.3	<10	<2	<5	12
94759	1.2	<10	<2	<5	14
94760	1.2	<10	<2	<5	9
*Dup 94698	14.6	<10	3	<5	18
*Dup 94710	1.2	<10	<2	<5	11
*Dup 94722	12.3	<10	29	<5	5
*Dup 94734	10.8	<10	11	<5	11
*Dup 94746	1.8	<10	4	<5	<1
*Dup 94758	2.3	<10	<2	<5	13

SGS

Final : R38808

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94869	1	<10	<1	<0.5	0.07	0.96	1.30	0.04	0.19	1.50
RV94870	7	<10	<1	<0.5	0.07	0.64	1.08	0.04	0.15	1.68
RV94871	2	<10	<1	0.5	0.08	1.09	1.36	0.05	0.31	1.78
RV94934	1	<10	<1	<0.5	0.08	1.61	2.81	0.32	0.15	1.98
RV94935	2	<10	<1	<0.5	0.07	1.93	3.10	0.28	0.21	2.32
RV94936	<1	<10	<1	<0.5	0.10	0.75	1.45	0.18	0.05	1.59
RV94937	1	<10	<1	<0.5	0.07	1.15	1.89	0.22	0.04	2.12
RV94938	1	<10	<1	<0.5	0.07	0.93	1.55	0.17	0.08	1.78
RV94872	<1	<10	<1	<0.5	0.07	0.33	0.63	0.05	0.10	0.52
RV94873	<1	<10	<1	<0.5	0.08	1.23	1.90	0.29	0.06	1.61
RV94874	7	<10	<1	<0.5	0.08	0.64	1.09	0.04	0.05	0.68
RV94875	15	<10	<1	<0.5	0.07	0.83	1.34	0.19	0.06	0.83
RV94876	8	<10	<1	<0.5	0.07	0.90	1.48	0.11	0.09	0.72
RV94877	4	<10	<1	<0.5	0.08	0.68	1.27	0.11	0.05	1.07
RV94878	<1	<10	<1	<0.5	0.09	0.96	1.62	0.03	0.03	1.53
RV94879	9	<10	<1	<0.5	0.05	1.37	2.46	0.03	0.06	2.28
RV94880	7	<10	1	<0.5	0.05	1.64	2.53	0.05	0.03	3.19
RV94881	7	<10	<1	<0.5	0.07	1.29	1.71	0.08	0.04	1.00
RV94882	<1	<10	<1	<0.5	0.05	2.26	2.08	0.15	0.39	4.25
RV94883	<1	<10	<1	<0.5	0.07	0.59	0.83	0.08	0.02	0.81
RV94884	<1	<10	<1	<0.5	0.04	2.65	2.93	0.08	<0.01	2.45
RV94885	<1	<10	<1	<0.5	0.15	1.50	2.19	0.15	0.03	1.33
RV94886	<1	<10	<1	<0.5	0.10	0.90	1.28	0.08	0.12	1.08
RV94887	1	<10	<1	<0.5	0.10	1.03	1.91	0.11	0.04	1.31
RV94888	<1	<10	<1	<0.5	0.05	1.03	1.73	0.09	0.01	1.46
RV94889	<1	<10	<1	<0.5	0.10	1.22	2.14	0.08	0.04	1.24
RV94890	6	<10	<1	1.0	0.09	1.57	2.34	0.02	0.03	0.82
RV94891	1	<10	<1	<0.5	0.13	0.76	1.71	0.12	0.04	1.11
RV94892	2	<10	<1	<0.5	0.09	1.18	1.89	<0.01	0.06	0.76
RV94893	<1	<10	<1	<0.5	0.14	0.62	1.48	0.03	0.03	0.91
RV94894	<1	<10	<1	<0.5	0.14	0.76	1.76	0.19	0.06	1.40
RV94895	2	<10	<1	<0.5	0.09	1.07	1.69	0.08	0.03	1.19
RV94896	<1	<10	<1	1.0	0.13	3.62	2.84	0.20	0.84	6.72
RV94897	<1	<10	1	<0.5	0.10	2.34	2.80	0.04	0.05	1.21
RV94898	<1	<10	1	<0.5	0.14	1.92	2.69	0.03	0.07	1.23
RV94947	2	<10	6	<0.5	0.20	0.87	2.76	0.02	0.03	1.89
RV94948	<1	<10	5	<0.5	0.08	1.88	2.51	0.02	0.05	2.52
RV94949	<1	<10	5	<0.5	0.08	1.47	1.88	0.04	0.03	1.36
RV94950	8	<10	2	<0.5	0.05	2.20	2.42	0.06	0.02	1.66
RV94953	6	<10	<1	<0.5	0.12	0.71	1.28	0.15	0.02	1.14
RV94954	<1	<10	<1	<0.5	0.07	0.63	1.01	0.13	0.01	0.71
RV94955	<1	<10	6	<0.5	0.26	0.51	2.18	<0.01	0.02	2.01
RV94956	12	<10	3	<0.5	0.17	0.51	1.45	<0.01	0.02	1.34
RV94957	25	<10	<1	<0.5	0.34	0.38	2.84	0.03	0.03	2.05
RV94963	<1	<10	<1	<0.5	0.08	0.50	0.73	0.02	0.19	1.90
RV94964	4	<10	<1	<0.5	0.09	1.11	1.29	0.14	0.04	2.45
RV94965	<1	<10	<1	<0.5	0.10	1.03	1.14	0.15	0.07	2.33
RV94966	<1	<10	<1	<0.5	0.06	3.41	2.58	0.15	0.05	1.68

SGS

Final : R38608

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94967	<1	<10	2	1.1	0.03	4.98	3.54	0.20	0.63	8.24
RV94968	<1	<10	2	0.6	0.02	4.52	1.93	0.09	0.78	8.50
RV94969	<1	<10	2	1.0	0.02	6.59	3.58	0.20	1.35	9.20
RV94970	<1	<10	2	0.9	0.02	6.85	3.74	0.21	1.40	9.34
RV94971	<1	<10	<1	0.7	0.02	5.03	2.78	0.17	0.71	11.3
*Dup RV94869	<1	<10	<1	<0.5	0.07	0.98	1.34	0.04	0.19	1.52
*Dup RV94876	9	<10	<1	<0.5	0.07	0.94	1.53	0.11	0.09	0.77
*Dup RV94888	<1	<10	<1	<0.5	0.04	1.02	1.77	0.09	0.01	1.51
*Dup RV94948	<1	<10	5	<0.5	0.08	1.84	2.49	0.02	0.04	2.54
*Dup RV94967	<1	<10	2	1.1	0.03	5.12	3.64	0.20	0.64	8.27

SGS

Final : R38808

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94869	5.6	0.09	55	87	402	2.65	14	45	50.5	38.0
RV94870	5.7	0.07	56	65	332	2.05	10	28	42.6	41.0
RV94871	9.2	0.09	58	90	383	2.64	15	40	56.5	43.4
RV94934	11.5	0.08	116	26	414	5.70	27	15	84.2	86.9
RV94935	15.0	0.10	132	36	506	6.09	25	20	114	100
RV94936	5.2	0.05	103	40	254	3.06	13	15	27.7	49.3
RV94937	6.3	0.07	93	43	371	4.03	22	14	60.3	62.1
RV94938	5.1	0.07	61	44	279	3.26	14	11	36.2	48.5
RV94872	1.4	0.04	16	73	112	1.03	2	7	2.8	15.5
RV94873	5.4	0.06	35	31	326	2.94	10	12	10.4	47.1
RV94874	1.8	0.03	18	105	227	2.08	7	16	42.3	36.8
RV94875	5.0	0.04	44	29	232	3.64	15	15	117	43.8
RV94876	3.8	0.05	30	87	295	3.18	10	12	53.4	46.1
RV94877	2.6	0.04	16	52	287	3.50	16	18	108	35.3
RV94878	2.1	0.03	36	78	339	2.67	9	25	3.7	44.3
RV94879	1.6	0.03	35	41	677	5.39	11	19	64.9	733
RV94880	3.8	0.04	70	100	636	5.58	30	57	125	396
RV94881	2.7	0.05	38	59	328	2.94	24	32	467	52.5
RV94882	3.1	0.08	60	130	595	3.22	22	62	110	51.0
RV94883	2.5	0.03	27	42	169	1.40	7	9	10.5	22.7
RV94884	2.7	0.07	62	100	555	4.14	25	33	4.8	50.1
RV94885	2.6	0.04	33	43	321	3.79	28	29	243	47.6
RV94886	2.6	0.07	34	88	231	2.03	11	32	49.9	41.7
RV94887	3.9	0.07	73	35	444	4.30	25	30	138	38.0
RV94888	2.3	0.06	41	105	427	2.86	11	21	4.7	45.0
RV94889	2.3	0.03	47	37	462	3.25	14	15	16.4	79.6
RV94890	5.2	0.03	26	47	548	10.4	97	52	345	52.4
RV94891	5.1	0.03	8	54	435	3.28	11	10	27.6	45.4
RV94892	3.4	0.04	52	91	309	3.36	24	46	79.2	438
RV94893	2.9	0.03	18	102	242	2.37	9	20	49.4	66.3
RV94894	4.7	0.06	72	45	348	3.24	9	11	3.0	83.6
RV94895	3.2	0.06	42	50	304	2.68	15	17	124	35.3
RV94896	8.3	0.25	117	130	636	4.67	34	143	125	78.4
RV94897	1.6	0.16	86	84	475	4.61	29	80	151	64.5
RV94898	1.9	0.14	93	53	367	4.18	26	73	98.8	51.8
RV94947	2.7	0.06	76	138	241	2.73	25	102	134	44.4
RV94948	3.1	0.06	50	109	382	3.27	26	86	77.0	58.8
RV94949	3.1	0.05	45	92	312	3.12	33	94	95.7	69.7
RV94950	3.2	0.04	51	73	433	6.56	39	81	104	109
RV94953	3.6	0.04	33	58	238	2.96	36	26	344	34.9
RV94954	2.4	0.02	14	35	149	2.53	29	14	386	19.8
RV94955	5.3	0.07	52	109	284	1.74	10	60	21.7	16.4
RV94956	3.1	0.03	37	61	337	6.96	70	98	521	19.2
RV94957	1.5	0.03	81	27	247	6.23	48	48	472	22.1
RV94963	2.8	0.04	29	49	260	1.38	7	6	33.4	18.5
RV94964	7.6	0.06	64	60	318	2.43	17	28	48.7	38.6
RV94965	5.8	0.06	55	44	312	2.36	26	39	97.9	38.8
RV94966	17.5	0.06	125	50	370	4.37	27	41	86.1	54.2

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94967	25.6	0.16	228	556	1080	5.77	38	117	86.0	83.2
RV94968	12.3	0.12	133	407	1320	4.06	27	164	3.5	61.6
RV94969	25.5	0.19	226	1180	1520	6.13	41	171	2.2	107
RV94970	25.5	0.19	228	1210	1570	6.17	42	174	2.2	108
RV94971	18.7	0.13	171	545	1370	4.95	40	237	7.2	88.9
*Dup RV94869	5.8	0.10	55	86	420	2.59	15	47	49.9	37.4
*Dup RV94876	4.0	0.06	30	83	309	3.16	11	13	54.4	45.3
*Dup RV94888	2.3	0.08	41	84	430	2.79	11	20	3.2	44.5
*Dup RV94948	3.1	0.06	49	107	375	3.22	26	86	76.7	57.9
*Dup RV94967	25.7	0.16	227	552	1110	5.84	38	114	78.2	83.5

SGS

Final : R38908

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94869	<3	18.2	4.1	1.7	3	<2	<1	<10	<5	43
RV94870	<3	20.9	4.5	1.7	3	<2	<1	<10	<5	45
RV94871	<3	14.6	7.6	2.0	3	<2	<1	<10	<5	81
RV94934	<3	15.6	13.2	3.5	2	<2	<1	<10	<5	56
RV94935	<3	16.7	13.9	3.8	2	<2	<1	<10	<5	88
RV94936	<3	15.2	7.4	1.9	2	<2	<1	<10	<5	22
RV94937	<3	16.2	8.1	3.8	2	<2	<1	<10	<5	18
RV94938	<3	18.4	7.3	3.7	2	<2	<1	<10	<5	38
RV94872	<3	11.6	5.3	5.6	3	<2	<1	<10	<5	46
RV94873	<3	19.0	9.3	1.0	2	<2	<1	<10	<5	29
RV94874	<3	11.0	2.4	0.9	3	<2	<1	<10	<5	25
RV94875	<3	13.4	7.7	1.5	2	<2	<1	<10	<5	31
RV94876	<3	14.3	6.2	2.9	3	<2	<1	<10	<5	44
RV94877	<3	15.1	5.7	1.0	2	<2	<1	<10	<5	17
RV94878	<3	11.3	1.6	<0.5	2	<2	<1	<10	<5	11
RV94879	<3	9.8	1.0	0.8	2	<2	2	<10	<5	32
RV94880	<3	12.0	2.7	1.4	3	<2	2	<10	<5	6
RV94881	<3	16.5	2.7	0.7	1	<2	<1	<10	<5	8
RV94882	<3	115	5.9	2.4	2	<2	<1	<10	<5	117
RV94883	<3	9.2	3.9	0.8	1	<2	<1	<10	<5	6
RV94884	<3	24.6	2.6	0.7	2	<2	<1	<10	<5	4
RV94885	<3	32.7	5.5	0.7	2	<2	<1	<10	<5	8
RV94886	<3	17.3	4.0	9.4	2	<2	<1	<10	<5	52
RV94887	<3	23.9	4.9	1.5	2	<2	<1	<10	<5	13
RV94888	<3	22.9	3.1	1.7	3	<2	<1	<10	<5	6
RV94889	<3	15.6	2.7	0.7	2	<2	<1	<10	<5	13
RV94890	<3	13.2	3.6	2.7	5	<2	1	<10	<5	11
RV94891	<3	15.8	7.1	1.1	3	<2	<1	<10	<5	13
RV94892	<3	13.8	2.7	1.1	5	<2	1	<10	<5	91
RV94893	<3	20.1	3.0	1.0	4	<2	<1	<10	<5	21
RV94894	<3	16.0	11.3	1.1	3	<2	<1	<10	<5	26
RV94895	<3	13.0	4.4	1.2	2	<2	<1	<10	<5	6
RV94896	<3	545	13.8	38.4	2	<2	<1	<10	<5	823
RV94897	<3	26.4	6.7	8.5	2	<2	<1	<10	<5	16
RV94898	<3	23.3	7.2	7.8	1	<2	<1	<10	<5	19
RV94947	<3	43.1	2.2	0.9	2	<2	<1	<10	<5	10
RV94948	<3	18.7	2.2	0.6	2	<2	<1	<10	<5	16
RV94949	<3	18.2	2.4	0.7	2	<2	<1	<10	<5	6
RV94950	<3	9.7	3.3	1.0	2	<2	<1	<10	<5	5
RV94953	<3	13.0	6.6	0.9	2	<2	<1	<10	<5	3
RV94954	<3	8.4	6.1	0.7	2	<2	<1	<10	<5	<1
RV94955	<3	31.5	1.6	0.6	2	<2	<1	<10	<5	6
RV94956	<3	16.8	2.5	1.2	2	<2	<1	<10	<5	5
RV94957	<3	43.8	2.7	1.1	2	<2	<1	<10	<5	13
RV94963	<3	32.3	3.9	4.1	3	<2	<1	<10	<5	86
RV94964	<3	32.5	5.1	1.2	2	<2	<1	<10	<5	16
RV94965	<3	29.3	5.3	1.3	2	<2	<1	<10	<5	34
RV94966	<3	32.3	7.5	2.7	1	<2	<1	<10	<5	60

SGS

Final : R39808

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94967	4	138	16.3	10.2	1	<2	<1	<10	<5	213
RV94968	<3	254	7.5	10.6	<1	<2	<1	<10	<5	211
RV94969	<3	229	13.8	9.5	1	<2	<1	<10	<5	368
RV94970	4	235	14.0	9.9	1	<2	<1	<10	<5	367
RV94971	<3	165	12.4	12.0	<1	<2	<1	<10	<5	195
*Dup RV94869	<3	19.2	4.3	1.9	3	<2	<1	<10	<5	45
*Dup RV94876	<3	15.8	6.3	3.1	3	<2	<1	<10	<5	47
*Dup RV94888	<3	25.7	3.2	1.8	2	<2	<1	<10	<5	7
*Dup RV94948	<3	18.9	2.2	0.6	1	<2	<1	<10	<5	18
*Dup RV94967	5	144	16.4	9.7	2	<2	<1	<10	<5	210

SGS

Final : R338838

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94869	7.4	<10	<2	<5	18
RV94870	9.8	<10	<2	<5	13
RV94871	9.7	<10	<2	<5	16
RV94934	7.3	<10	<2	<5	26
RV94935	7.7	<10	<2	<5	30
RV94936	5.1	<10	<2	<5	11
RV94937	10.8	<10	<2	<5	19
RV94938	9.7	<10	<2	<5	15
RV94872	14.6	<10	<2	<5	5
RV94873	9.9	<10	<2	<5	12
RV94874	3.2	<10	<2	<5	7
RV94875	9.9	<10	<2	<5	8
RV94876	11.0	<10	<2	<5	11
RV94877	5.6	<10	<2	<5	8
RV94878	1.7	<10	<2	<5	8
RV94879	2.9	<10	6	<5	13
RV94880	2.4	<10	<2	<5	14
RV94881	1.7	<10	<2	<5	12
RV94882	19.9	<10	<2	<5	10
RV94883	2.1	<10	<2	<5	3
RV94884	1.6	<10	<2	<5	19
RV94885	3.5	<10	<2	<5	7
RV94886	14.5	<10	<2	<5	5
RV94887	3.4	<10	<2	<5	10
RV94888	2.8	<10	<2	<5	13
RV94889	2.6	<10	<2	<5	13
RV94890	3.9	<10	5	<5	16
RV94891	5.3	<10	<2	<5	6
RV94892	4.0	<10	<2	<5	15
RV94893	3.1	<10	<2	<5	5
RV94894	8.8	<10	<2	<5	6
RV94895	3.6	<10	<2	<5	9
RV94896	52.6	<10	3	<5	21
RV94897	5.0	<10	<2	<5	10
RV94898	4.9	<10	<2	<5	12
RV94947	<0.5	<10	<2	<5	9
RV94948	0.6	<10	<2	<5	11
RV94949	0.5	<10	<2	<5	10
RV94950	1.6	<10	2	<5	12
RV94953	4.2	<10	<2	<5	4
RV94954	2.9	<10	<2	<5	5
RV94955	<0.5	<10	<2	<5	4
RV94956	0.7	<10	<2	<5	2
RV94957	1.6	<10	<2	<5	2
RV94963	17.0	<10	<2	<5	4
RV94964	5.5	<10	<2	<5	8
RV94965	5.7	<10	<2	<5	6
RV94966	8.5	<10	<2	<5	18

SGS

Final : R38808

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94967	116	<10	<2	<5	22
RV94968	29.1	<10	<2	<5	14
RV94969	75.1	<10	<2	<5	51
RV94970	72.8	<10	<2	<5	50
RV94971	57.6	<10	<2	<5	23
*Dup RV94869	7.4	<10	<2	<5	18
*Dup RV94876	11.2	<10	2	<5	11
*Dup RV94888	2.9	<10	<2	<5	13
*Dup RV94948	0.6	<10	<2	<5	11
*Dup RV94967	110	<10	<2	<5	22

SGS

Final : 086768

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
94899	3	<10	3	<0.5	0.19	0.74	1.95	0.04	0.15	0.96
94900	3	<10	3	<0.5	0.24	0.57	2.02	0.04	0.14	1.08
94901	2	<10	<1	<0.5	0.38	1.34	4.55	<0.01	0.01	2.55
94902	2	<10	<1	<0.5	0.55	1.10	5.87	<0.01	0.02	3.26
94903	1	<10	<1	<0.5	0.06	1.98	2.37	<0.01	0.01	0.84
94904	1	<10	<1	<0.5	0.14	1.23	2.01	<0.01	0.03	0.87
94905	1	<10	<1	<0.5	0.08	1.39	1.85	<0.01	0.02	0.65
94906	5	<10	2	<0.5	0.11	2.49	2.40	0.11	0.84	3.68
94907	2	<10	<1	<0.5	0.17	1.61	2.83	<0.01	0.03	1.21
94908	1	<10	<1	<0.5	0.26	0.96	2.49	<0.01	0.02	1.17
94909	2	<10	<1	<0.5	0.11	0.93	1.54	<0.01	0.04	0.64
94910	1	<10	<1	<0.5	0.13	0.90	1.57	<0.01	0.03	0.97
94911	1	<10	<1	<0.5	0.10	1.03	1.58	<0.01	0.03	1.03
94912	1	<10	<1	<0.5	0.07	1.44	1.78	0.06	0.06	1.23
94913	2	<10	<1	<0.5	0.06	1.19	1.50	0.06	0.09	0.93
94914	2	<10	<1	<0.5	0.04	2.71	3.22	<0.01	0.09	4.17
94915	3	<10	<1	<0.5	0.03	3.35	4.12	<0.01	0.11	5.18
94916	1	<10	<1	<0.5	0.13	0.65	1.31	<0.01	0.02	0.83
94917	3	<10	<1	<0.5	0.15	0.84	1.67	<0.01	0.02	1.28
94918	2	<10	<1	<0.5	0.14	0.83	1.59	<0.01	0.02	1.44
94919	1	<10	<1	1.6	0.16	0.51	1.30	<0.01	0.02	0.89
94920	2	<10	1	<0.5	0.13	0.50	1.15	<0.01	0.01	0.82
94921	2	<10	<1	<0.5	0.13	0.72	1.36	<0.01	0.01	1.18
94922	2	<10	<1	<0.5	0.11	1.13	1.61	<0.01	0.01	0.84
94923	2	<10	<1	<0.5	0.15	0.66	1.33	<0.01	0.02	0.81
94924	2	<10	<1	<0.5	0.14	0.35	1.06	<0.01	0.01	0.74
94925	1	<10	<1	<0.5	0.11	0.69	1.33	<0.01	0.02	0.83
94926	2	<10	<1	<0.5	0.12	0.74	1.48	<0.01	0.03	0.81
94927	3	<10	<1	<0.5	0.13	0.43	1.11	0.28	0.04	1.46
94928	3	<10	<1	<0.5	0.11	0.54	1.17	0.34	0.04	1.76
94929	2	<10	<1	<0.5	0.12	0.55	1.25	0.21	0.03	1.44
94930	2	<10	<1	<0.5	0.12	0.16	0.73	0.18	0.02	0.96
95585	8	<10	<1	<0.5	0.38	1.39	5.36	<0.01	0.02	2.90
95586	8	<10	<1	<0.5	0.39	1.21	5.25	<0.01	0.02	2.85
95587	3	<10	<1	<0.5	0.44	0.98	5.62	<0.01	0.02	3.26
Dup 94899	2	<10	3	<0.5	0.21	0.76	2.07	0.04	0.16	1.02
*Dup 94911	1	<10	<1	<0.5	0.11	1.05	1.75	<0.01	0.04	1.11
*Dup 94923	1	<10	<1	<0.5	0.16	0.67	1.37	<0.01	0.02	0.83

SGS

Final : 086768

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
94899	0.9	0.06	111	27	158	3.30	18	39	115	23.7
4900	1.0	0.06	122	18	130	2.85	15	35	113	16.5
4901	1.0	0.01	8	16	206	1.33	14	34	6.1	15.4
94902	0.7	0.01	6	10	169	1.26	12	34	3.6	15.6
94903	1.5	0.05	110	61	407	2.91	28	50	3.9	32.1
4904	1.2	0.04	118	59	271	2.80	18	30	2.8	21.4
4905	1.1	0.05	82	45	276	2.57	22	34	2.2	22.4
94906	2.4	0.11	104	315	620	3.29	27	83	42.5	37.4
94907	1.2	0.04	52	34	255	2.28	24	48	4.9	31.0
4908	1.1	0.04	128	45	182	2.67	19	28	5.2	19.6
4909	1.1	0.04	128	39	222	2.50	18	29	129	19.3
94910	1.4	0.03	210	36	196	2.59	20	32	91.1	18.1
4911	1.2	0.03	106	23	216	2.83	22	34	52.7	21.7
4912	2.6	0.05	42	76	358	2.66	17	58	19.1	30.7
94913	1.7	0.05	33	44	234	2.31	18	54	37.3	31.9
94914	13.0	0.04	206	38	657	5.46	33	55	26.4	47.1
4915	14.6	<0.01	233	29	674	6.01	35	55	25.2	47.0
4916	1.3	0.03	107	13	156	2.51	16	26	20.2	20.9
94917	2.0	0.02	102	7	197	3.39	28	109	91.2	24.3
94918	2.1	0.04	133	15	206	3.06	26	50	50.9	22.3
4919	3.4	0.04	186	14	141	3.20	23	44	40.2	20.6
4920	1.4	0.04	207	9	140	3.47	24	48	51.0	20.4
94921	1.7	0.04	225	8	206	3.59	25	56	45.7	24.1
4922	1.7	0.02	77	72	238	2.49	20	40	52.6	25.4
4923	1.4	0.02	124	17	148	2.42	38	35	71.3	18.5
94924	1.0	0.03	196	13	103	2.86	19	24	23.2	14.8
94925	1.9	0.06	190	6	161	3.31	23	22	21.0	24.5
4926	1.7	0.05	171	8	176	3.45	27	24	30.4	28.7
4927	3.2	0.03	80	15	193	3.34	14	6	49.4	43.0
94928	3.6	0.03	62	13	230	3.12	18	10	72.7	47.8
94929	3.5	0.03	84	23	240	3.67	18	15	67.3	50.0
4930	1.8	0.03	146	8	94	2.73	14	9	62.3	34.5
5585	0.8	<0.01	8	89	160	1.21	14	141	74.5	14.2
95586	0.7	<0.01	6	69	135	1.18	19	258	212	12.1
5587	0.7	<0.01	6	39	121	0.90	11	73	254	9.5
up 94899	0.9	0.07	119	28	158	3.32	18	39	117	23.7
Dup 94911	1.3	0.04	115	24	221	3.14	22	34	52.5	21.8
*Dup 94923	1.4	0.03	128	18	154	2.45	40	37	72.5	19.7

SGS

Final : 086768

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
94899	<3	25.1	7.4	8.4	<1	<2	<1	<10	<5	25
94900	<3	30.3	6.4	7.4	<1	<2	<1	<10	<5	28
94901	<3	148	<0.5	0.6	<1	<2	<1	<10	<5	13
94902	<3	218	<0.5	<0.5	<1	<2	<1	<10	<5	9
94903	<3	37.0	<0.5	1.3	<1	<2	<1	<10	<5	3
94904	<3	38.6	<0.5	1.2	<1	<2	<1	<10	<5	6
94905	<3	33.3	<0.5	1.1	<1	<2	<1	<10	<5	6
94906	<3	172	4.0	7.2	<1	<2	<1	<10	<5	268
94907	<3	61.6	<0.5	1.0	<1	<2	<1	<10	<5	18
94908	<3	73.6	<0.5	1.2	<1	<2	<1	<10	<5	6
94909	<3	26.2	<0.5	1.1	<1	<2	<1	<10	<5	11
94910	<3	27.5	<0.5	1.1	<1	<2	<1	<10	<5	3
94911	<3	25.3	<0.5	1.3	<1	<2	<1	<10	<5	10
94912	<3	15.1	2.6	3.5	<1	<2	<1	<10	<5	11
94913	<3	12.4	2.7	4.5	<1	<2	<1	<10	<5	25
94914	<3	29.3	2.4	2.9	<1	<2	<1	<10	<5	19
94915	<3	31.1	3.9	2.9	<1	<2	<1	<10	<5	14
94916	<3	25.1	<0.5	1.0	<1	<2	<1	<10	<5	3
94917	<3	32.4	<0.5	1.6	<1	<2	<1	<10	<5	11
94918	<3	28.6	0.5	1.4	<1	<2	<1	<10	<5	3
94919	<3	34.2	1.9	2.9	2	<2	1	<10	<5	3
94920	<3	26.9	<0.5	1.7	<1	<2	<1	<10	<5	<1
94921	<3	26.9	<0.5	1.6	<1	<2	<1	<10	<5	6
94922	<3	18.7	<0.5	1.0	<1	<2	<1	<10	<5	<1
94923	<3	26.5	<0.5	1.0	<1	<2	<1	<10	<5	9
94924	<3	29.1	<0.5	1.4	<1	<2	<1	<10	<5	9
94925	<3	21.9	<0.5	1.5	<1	<2	<1	<10	<5	2
94926	<3	22.9	<0.5	1.5	<1	<2	<1	<10	<5	12
94927	<3	18.8	8.7	1.5	<1	<2	<1	<10	<5	11
94928	<3	17.8	10.2	1.4	<1	<2	<1	<10	<5	14
94929	<3	19.5	7.3	1.9	<1	<2	<1	<10	<5	7
94930	<3	22.8	6.4	1.3	<1	<2	<1	<10	<5	10
95585	<3	106	<0.5	<0.5	<1	<2	<1	<10	<5	13
95586	<3	102	<0.5	<0.5	<1	<2	<1	<10	<5	13
95587	<3	119	<0.5	<0.5	<1	<2	<1	<10	<5	13
Dup 94899	<3	27.5	7.6	8.8	<1	<2	<1	<10	<5	26
*Dup 94911	<3	27.4	<0.5	1.5	<1	<2	<1	<10	<5	10
*Dup 94923	<3	27.4	<0.5	1.0	<1	<2	<1	<10	<5	10

SGS

Final : 086768

Element	La	W	Pb	Bi	Li	S
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1	0.01
Units	PPM	PPM	PPM	PPM	PPM	%
94899	6.1	<10	<2	<5	3	0.10
94900	5.0	<10	<2	<5	2	0.10
94901	<0.5	<10	<2	<5	4	0.02
94902	<0.5	<10	<2	<5	4	<0.01
94903	<0.5	<10	<2	<5	12	<0.01
94904	<0.5	<10	<2	<5	7	<0.01
94905	<0.5	<10	<2	<5	7	<0.01
94906	22.5	<10	<2	<5	14	0.05
94907	<0.5	<10	<2	<5	7	<0.01
94908	<0.5	<10	<2	<5	5	<0.01
94909	<0.5	<10	<2	<5	5	0.03
94910	<0.5	<10	<2	<5	4	0.05
94911	<0.5	<10	<2	<5	6	0.07
94912	4.4	<10	<2	<5	8	0.04
94913	6.2	<10	<2	<5	6	0.11
94914	1.1	<10	<2	<5	9	0.08
94915	2.7	<10	<2	<5	15	0.11
94916	<0.5	<10	<2	<5	3	0.07
94917	<0.5	<10	<2	<5	5	1.31
94918	<0.5	<10	<2	<5	5	0.22
94919	2.0	<10	2	<5	5	0.13
94920	<0.5	<10	<2	<5	3	0.18
94921	<0.5	<10	<2	<5	3	0.16
94922	0.7	<10	<2	<5	6	0.19
94923	<0.5	<10	<2	<5	3	0.33
94924	<0.5	<10	<2	<5	2	0.13
94925	<0.5	<10	<2	<5	4	0.15
94926	<0.5	<10	<2	<5	6	0.18
94927	4.1	<10	<2	<5	2	0.12
94928	4.8	<10	<2	<5	3	0.22
94929	3.3	<10	<2	<5	3	0.19
94930	3.1	<10	<2	<5	<1	0.13
95585	<0.5	<10	<2	<5	7	0.05
95586	<0.5	<10	<2	<5	5	0.16
95587	<0.5	<10	<2	<5	4	0.05
Dup 94899	6.1	<10	<2	<5	3	0.11
*Dup 94911	<0.5	<10	<2	<5	6	0.06
*Dup 94923	<0.5	<10	<2	<5	4	0.35

SGS

Final : R38807

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94761	<1	<10	<1	<0.5	0.05	0.85	0.96	0.02	0.17	3.15
RV94762	<1	<10	<1	<0.5	0.07	0.96	1.33	0.02	0.03	3.80
RV94763	3	<10	<1	<0.5	0.06	0.95	1.33	0.07	0.20	4.17
RV94764	2	<10	<1	<0.5	0.08	1.00	1.26	0.02	0.16	3.36
RV94765	15	<10	<1	<0.5	0.08	1.11	1.69	0.04	0.68	3.42
RV94766	757	<10	<1	<0.5	0.06	1.08	1.49	0.05	0.81	3.46
RV94767	7	<10	<1	<0.5	0.05	1.27	1.74	0.05	1.11	4.12
RV94768	9	<10	<1	<0.5	0.08	1.71	2.84	0.05	1.55	5.14
RV94769	182	<10	<1	<0.5	0.04	2.27	1.24	0.05	0.29	8.06
RV94770	16	<10	6	<0.5	0.02	4.36	2.67	0.02	0.16	7.14
RV94771	21	<10	<1	<0.5	0.04	2.23	2.23	0.02	0.29	4.59
RV94772	<1	<10	1	<0.5	0.02	0.27	0.54	0.03	0.18	4.19
RV94773	<1	<10	1	<0.5	0.02	0.35	0.55	0.03	0.17	3.16
RV94774	<1	<10	<1	<0.5	0.02	1.01	1.24	0.03	0.25	5.82
RV94775	<1	<10	<1	<0.5	0.02	0.23	0.57	0.05	0.22	2.75
RV94776	<1	<10	<1	<0.5	0.02	0.40	0.75	0.08	0.19	6.21
RV94777	<1	<10	<1	<0.5	0.04	0.82	0.95	0.04	0.11	2.00
RV94778	<1	<10	<1	<0.5	0.05	1.35	1.45	0.02	0.27	1.92
RV94779	<1	<10	<1	<0.5	0.04	1.23	1.28	0.01	0.05	1.98
RV94780	<1	<10	<1	<0.5	0.05	0.69	0.72	0.02	0.03	1.12
RV94781	2	10	13	<0.5	0.28	1.34	2.93	0.02	0.21	2.04
RV94782	<1	<10	4	<0.5	<0.01	15.0	0.56	<0.01	<0.01	0.27
RV94783	<1	<10	<1	<0.5	<0.01	>15	0.54	<0.01	<0.01	0.56
RV94784	<1	<10	4	0.6	<0.01	>15	0.50	<0.01	<0.01	1.23
RV94785	<1	<10	4	<0.5	<0.01	14.9	0.56	<0.01	<0.01	0.24
RV94786	<1	10	4	<0.5	<0.01	>15	0.52	<0.01	<0.01	0.43
RV94787	<1	<10	3	<0.5	<0.01	>15	0.44	<0.01	<0.01	0.18
RV94788	<1	<10	3	<0.5	<0.01	>15	0.50	<0.01	<0.01	0.21
RV94789	<1	10	6	<0.5	<0.01	>15	0.62	<0.01	<0.01	0.92
RV94790	<1	10	4	<0.5	<0.01	>15	0.63	<0.01	<0.01	0.74
RV94791	<1	<10	3	<0.5	<0.01	>15	0.55	<0.01	<0.01	0.46
RV94792	<1	<10	7	<0.5	0.02	11.6	1.09	0.01	0.02	3.09
RV94793	<1	<10	8	<0.5	<0.01	13.8	0.63	<0.01	<0.01	0.57
RV94794	<1	<10	7	<0.5	<0.01	10.0	0.82	<0.01	0.02	2.70
RV94795	<1	<10	5	<0.5	<0.01	9.81	0.82	<0.01	0.03	1.48
RV94796	<1	<10	8	<0.5	<0.01	10.4	0.73	<0.01	<0.01	0.52
RV94797	<1	<10	6	<0.5	<0.01	10.5	0.83	<0.01	0.01	2.65
RV94798	<1	<10	5	<0.5	<0.01	>15	0.69	<0.01	<0.01	0.74
RV94799	<1	<10	3	<0.5	<0.01	13.2	0.68	<0.01	<0.01	1.87
RV94800	<1	<10	6	<0.5	<0.01	>15	0.63	<0.01	<0.01	0.49
RV94801	<1	<10	3	<0.5	<0.01	>15	0.69	<0.01	<0.01	0.31
RV94802	<1	<10	3	<0.5	<0.01	14.0	0.57	<0.01	<0.01	1.30
RV94803	<1	<10	4	<0.5	<0.01	13.3	0.55	<0.01	<0.01	0.86
RV94804	<1	<10	3	<0.5	<0.01	>15	0.51	<0.01	<0.01	0.39
RV94805	<1	<10	2	<0.5	<0.01	>15	0.52	<0.01	<0.01	0.17
RV94806	1	<10	2	<0.5	<0.01	8.61	0.48	<0.01	<0.01	3.12
RV94807	<1	<10	<1	<0.5	0.09	0.88	1.01	0.04	0.02	2.62
RV94808	<1	<10	<1	<0.5	0.08	0.66	0.66	0.07	0.01	4.05

SGS

Final : R38207

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94809	<1	<10	<1	<0.5	0.06	0.36	0.47	0.04	<0.01	1.52
RV94810	<1	<10	<1	<0.5	0.11	0.77	0.91	0.04	0.02	1.67
RV94811	<1	<10	<1	<0.5	0.06	0.57	0.59	0.04	<0.01	2.41
RV94812	<1	<10	<1	<0.5	0.05	0.69	0.57	0.03	0.01	2.58
RV94813	<1	<10	<1	<0.5	0.07	1.57	1.61	0.04	0.01	3.07
RV94814	<1	<10	<1	<0.5	0.08	0.90	1.19	0.03	0.03	2.92
RV94815	<1	<10	<1	<0.5	0.08	0.44	0.68	0.03	0.02	1.25
RV94816	<1	<10	<1	<0.5	0.06	0.52	0.64	0.03	0.02	2.69
RV94817	7	<10	<1	<0.5	0.06	0.76	1.24	0.05	0.34	1.00
RV94818	7	<10	<1	<0.5	0.06	0.66	1.04	0.07	0.27	0.86
RV94819	1	<10	<1	<0.5	0.06	0.58	1.11	0.04	0.36	0.75
RV94820	4	<10	<1	<0.5	0.06	0.56	1.15	0.03	0.34	0.58
RV94821	28	<10	<1	<0.5	0.01	0.21	0.13	0.01	0.01	0.90
RV94822	5	<10	<1	<0.5	0.01	0.09	0.23	0.02	0.02	1.80
RV94823	6	<10	<1	<0.5	0.02	0.11	0.28	0.02	0.01	0.62
RV94824	9	<10	<1	<0.5	0.05	0.36	0.82	0.03	0.11	0.56
RV94825	13	<10	<1	<0.5	0.08	0.36	0.88	0.03	0.12	0.97
RV94826	3	<10	<1	<0.5	0.07	0.85	1.78	0.04	0.26	0.84
RV94827	8	<10	<1	<0.5	0.09	0.55	1.26	0.04	0.08	1.00
RV94828	4	<10	<1	<0.5	0.05	0.53	1.02	0.04	0.29	0.87
RV94829	<1	<10	<1	<0.5	0.04	1.49	2.41	0.06	1.18	1.10
RV94830	<1	<10	<1	0.7	0.03	1.07	1.40	0.05	0.29	2.84
RV94831	<1	<10	<1	<0.5	0.04	0.39	0.79	0.02	0.27	0.59
RV94832	<1	<10	<1	<0.5	0.05	0.82	1.37	0.05	0.55	0.64
RV94833	1	<10	<1	<0.5	0.08	0.53	1.10	0.04	0.12	0.88
RV94834	45	<10	<1	<0.5	0.08	0.85	1.64	0.05	0.17	1.08
RV94835	4	<10	<1	<0.5	0.10	0.82	1.50	0.05	0.31	1.12
RV94836	6	<10	<1	<0.5	0.05	0.76	1.33	0.06	0.32	1.03
RV94837	49	<10	<1	<0.5	<0.01	0.84	0.06	<0.01	<0.01	1.94
RV94838	9	<10	<1	<0.5	<0.01	0.13	0.05	0.01	<0.01	0.39
RV94839	23	<10	<1	<0.5	<0.01	0.10	0.04	0.01	<0.01	1.78
RV94840	8	<10	3	<0.5	0.02	0.18	0.35	0.02	0.01	5.40
RV94841	2	<10	6	<0.5	0.03	0.38	0.58	0.04	0.02	0.95
RV94842	<1	10	10	<0.5	0.02	0.39	0.63	0.02	0.01	1.24
RV94843	<1	10	9	<0.5	0.06	0.75	1.06	0.04	0.08	2.52
RV94844	7	<10	1	<0.5	0.07	1.35	1.89	0.03	0.07	2.71
RV94845	<1	<10	3	<0.5	0.04	2.07	2.72	0.04	0.09	4.19
RV94846	<1	<10	8	<0.5	0.05	1.21	1.54	0.03	0.08	3.42
RV94847	<1	<10	4	<0.5	0.06	1.24	1.87	0.06	0.12	3.79
RV94848	<1	<10	3	<0.5	0.02	2.29	1.18	0.03	0.28	8.37
RV94849	<1	<10	4	<0.5	0.05	1.69	1.81	0.03	0.11	2.99
RV94850	<1	<10	6	<0.5	0.03	2.94	3.12	0.03	0.13	5.04
RV94851	<1	<10	4	<0.5	0.04	1.62	1.80	0.05	0.23	3.27
RV94852	<1	<10	<1	<0.5	0.06	0.96	1.36	0.06	0.50	0.89
RV94853	<1	<10	<1	<0.5	0.06	1.16	1.63	0.06	0.36	1.69
RV94854	<1	<10	<1	<0.5	0.03	1.20	0.73	0.06	0.26	3.70
RV94855	1	<10	<1	<0.5	0.04	1.34	1.54	0.04	0.09	1.10
RV94856	1	<10	<1	<0.5	0.05	0.45	0.89	0.04	0.08	1.38

Element Method Det.Lim. Units	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %
RV94857	<1	10	11	<0.5	0.05	0.32	0.60	0.02	0.04	1.18
RV94858	2	<10	<1	<0.5	0.05	0.44	0.93	0.05	0.06	0.98
RV94859	14	<10	<1	<0.5	0.09	0.31	0.57	0.01	0.13	2.57
RV94860	<1	<10	<1	<0.5	0.07	0.96	1.81	0.07	0.10	1.90
RV94861	<1	<10	<1	<0.5	0.04	0.36	1.04	0.02	0.14	0.92
RV94862	<1	<10	<1	<0.5	0.12	0.82	1.68	0.03	0.11	2.30
RV94863	<1	<10	<1	<0.5	0.08	0.88	1.78	0.03	0.08	1.65
RV94864	<1	<10	<1	<0.5	0.05	0.50	1.20	0.03	0.03	1.18
RV94865	<1	<10	<1	<0.5	0.05	0.92	1.95	0.04	0.09	2.02
RV94866	<1	<10	<1	<0.5	0.04	0.60	1.40	0.03	0.18	2.16
RV94867	<1	<10	<1	<0.5	0.05	0.69	1.37	0.04	0.11	1.44
RV94868	<1	<10	<1	<0.5	0.06	0.79	1.31	0.07	0.24	1.64
*Dup RV94761	<1	<10	<1	<0.5	0.04	0.77	0.87	0.02	0.17	2.89
*Dup RV94773	<1	<10	<1	<0.5	0.02	0.35	0.54	0.03	0.18	3.19
*Dup RV94785	<1			<0.5	<0.01	14.7	0.57	<0.01	<0.01	0.26
*Dup RV94797	<1	<10	5	<0.5	<0.01	9.98	0.79	<0.01	0.02	2.62
*Dup RV94809	<1	<10	<1	<0.5	0.05	0.36	0.42	0.04	<0.01	1.49
*Dup RV94821	24	<10	<1	<0.5	<0.01	0.22	0.13	0.01	<0.01	0.91
*Dup RV94833	<1	<10	<1	<0.5	0.07	0.51	1.05	0.04	0.13	0.83
*Dup RV94845	1	<10	3	<0.5	0.03	2.05	2.70	0.04	0.09	4.14
*Dup RV94857	2	10	12	<0.5	0.05	0.32	0.57	0.02	0.04	1.14

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Final : R38807

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94761	4.7	0.03	44	104	619	1.82	16	67	75.4	19.5
RV94762	4.4	0.02	35	87	729	1.95	13	51	108	18.2
RV94763	9.0	0.04	99	67	638	4.08	31	49	85.6	45.3
RV94764	7.7	0.03	66	104	491	2.24	21	77	95.8	21.1
RV94765	10.0	0.09	145	86	489	3.94	28	45	75.9	51.0
RV94766	7.5	0.09	131	74	380	4.26	31	50	132	48.0
RV94767	12.3	0.12	140	127	564	4.64	32	62	117	49.3
RV94768	17.5	0.18	170	130	763	5.54	33	69	102	63.4
RV94769	21.4	<0.01	59	59	1780	6.14	56	96	115	8.7
RV94770	15.1	0.01	77	700	980	5.53	48	503	85.0	138
RV94771	11.8	0.05	92	119	812	4.18	23	24	40.9	41.1
RV94772	1.7	<0.01	5	42	324	5.43	53	89	219	233
RV94773	1.0	<0.01	4	55	347	4.49	29	87	154	853
RV94774	11.5	<0.01	59	94	629	5.70	35	48	108	420
RV94775	2.1	<0.01	3	58	309	3.42	15	25	49.2	165
RV94776	3.8	<0.01	24	51	495	3.92	20	37	63.7	254
RV94777	3.7	0.03	33	115	229	2.45	18	37	76.7	63.6
RV94778	4.0	0.06	43	207	245	2.13	14	36	57.5	30.7
RV94779	4.2	0.04	42	158	238	1.99	14	31	43.8	29.2
RV94780	2.8	0.04	28	100	153	1.44	13	33	75.8	16.8
RV94781	2.4	0.07	92	82	260	3.42	26	111	60.5	36.6
RV94782	5.4	0.03	19	1240	532	6.66	86	1040	<0.5	20.8
RV94783	5.8	0.01	16	1120	599	5.61	86	1140	<0.5	23.6
RV94784	6.2	<0.01	15	929	1030	6.10	92	1090	<0.5	19.1
RV94785	5.4	0.01	17	1440	484	6.50	75	1110	<0.5	12.1
RV94786	7.4	0.02	19	1180	642	6.18	98	1270	<0.5	18.0
RV94787	7.0	0.01	13	610	597	5.83	87	1160	<0.5	18.6
RV94788	6.3	0.01	14	730	567	5.09	84	1100	0.7	16.7
RV94789	6.4	0.02	22	1620	750	4.24	61	919	<0.5	8.2
RV94790	5.8	0.01	18	1160	605	5.93	84	1130	<0.5	14.4
RV94791	6.1	0.01	19	1230	571	5.34	66	1130	<0.5	16.8
RV94792	6.6	0.02	33	1230	593	6.18	84	1070	21.1	21.3
RV94793	6.0	0.02	17	555	528	5.69	82	1120	<0.5	18.2
RV94794	5.4	<0.01	28	1080	1080	5.23	80	872	26.8	15.1
RV94795	5.8	<0.01	29	1290	953	4.74	76	768	14.8	16.1
RV94796	5.6	<0.01	20	905	491	6.31	55	1010	<0.5	11.7
RV94797	5.5	<0.01	28	1050	1020	5.14	80	869	26.3	16.7
RV94798	6.1	0.02	20	1320	858	6.11	93	1080	<0.5	32.6
RV94799	4.6	0.02	19	1530	965	7.05	77	938	<0.5	19.3
RV94800	5.6	0.02	18	1410	368	4.83	54	1000	<0.5	14.7
RV94801	6.9	0.01	20	1440	482	4.06	76	1140	<0.5	17.7
RV94802	4.7	0.02	20	1570	589	4.86	41	1050	<0.5	11.8
RV94803	5.2	0.03	21	1660	598	6.41	58	1070	<0.5	9.7
RV94804	6.5	0.02	19	1450	575	6.18	81	1180	<0.5	19.8
RV94805	6.2	0.03	16	1310	614	6.36	81	1110	<0.5	17.0
RV94806	4.4	<0.01	13	619	1160	4.69	60	563	28.0	9.3
RV94807	9.2	0.04	78	35	425	2.35	12	19	32.6	14.6
RV94808	6.6	0.03	58	27	581	1.68	7	8	22.3	15.9

Final : R38807

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94809	4.1	0.02	34	18	281	1.46	13	13	142	10.5
RV94810	8.9	0.04	80	30	335	2.58	15	15	98.5	17.7
RV94811	5.8	0.03	54	19	387	1.73	8	10	24.6	13.2
RV94812	5.7	0.02	49	20	396	1.62	10	10	48.9	9.5
RV94813	12.0	0.03	106	36	632	4.21	19	18	128	16.9
RV94814	12.6	0.03	96	33	581	3.53	18	17	148	26.9
RV94815	6.2	0.03	55	24	242	1.81	12	13	87.0	12.0
RV94816	4.4	0.02	39	18	451	1.80	11	13	129	14.1
RV94817	3.8	0.08	48	87	336	2.76	14	48	99.2	33.6
RV94818	2.1	0.07	30	71	372	2.39	20	44	124	31.3
RV94819	1.5	0.07	31	59	468	7.80	10	30	70.7	36.7
RV94820	1.9	0.07	33	57	395	4.50	14	44	75.1	23.8
RV94821	<0.5	<0.01	6	17	703	>15	34	74	296	9.9
RV94822	<0.5	0.01	9	22	1090	>15	26	50	221	7.0
RV94823	<0.5	0.02	11	23	912	>15	25	60	269	8.5
RV94824	1.3	0.04	26	33	740	14.2	26	48	151	14.8
RV94825	0.6	0.02	30	32	1420	>15	25	42	137	18.6
RV94826	2.6	0.10	46	65	709	5.48	9	35	20.2	30.1
RV94827	2.0	0.04	26	52	956	9.25	8	36	64.0	24.7
RV94828	1.0	0.06	25	37	769	11.3	10	35	78.3	30.8
RV94829	4.1	0.16	65	94	930	5.47	17	65	<0.5	59.5
RV94830	7.8	0.02	41	65	1480	4.41	15	26	1.9	44.3
RV94831	1.2	0.06	16	58	288	1.57	4	7	<0.5	31.1
RV94832	1.8	0.11	38	45	436	2.85	14	30	30.9	34.1
RV94833	2.4	0.05	30	62	377	2.51	12	37	48.8	17.9
RV94834	3.6	0.06	43	64	428	2.85	11	21	31.3	29.2
RV94835	3.8	0.07	39	80	470	3.13	20	46	48.3	30.7
RV94836	2.4	0.08	35	68	1130	4.32	10	47	118	28.1
RV94837	<0.5	<0.01	4	14	1930	>15	18	100	740	12.9
RV94838	<0.5	<0.01	2	18	671	>15	14	87	348	16.7
RV94839	<0.5	<0.01	3	15	1500	>15	23	109	490	12.6
RV94840	1.1	0.03	10	44	1180	2.28	15	42	62.5	7.0
RV94841	1.9	0.06	22	46	320	1.94	25	56	92.0	18.2
RV94842	2.9	0.06	29	59	318	1.25	12	30	25.9	16.4
RV94843	5.8	0.10	57	70	545	2.32	12	30	11.7	32.4
RV94844	6.3	0.08	71	80	923	8.46	48	85	402	88.6
RV94845	11.0	0.07	100	199	1100	6.59	27	94	50.9	56.1
RV94846	9.5	0.05	73	117	698	3.60	23	101	18.4	32.7
RV94847	13.1	0.04	86	160	833	4.85	24	92	42.4	86.2
RV94848	21.8	<0.01	69	140	1590	6.40	25	128	8.7	81.2
RV94849	7.6	0.08	58	130	740	3.60	22	62	31.3	57.4
RV94850	10.3	0.15	85	189	1150	5.98	31	97	61.5	81.6
RV94851	6.2	0.14	78	159	685	3.87	22	64	59.7	56.8
RV94852	3.3	0.12	51	86	293	2.47	12	34	15.9	43.5
RV94853	4.2	0.11	58	96	474	3.90	18	51	120	45.7
RV94854	10.8	<0.01	36	48	737	4.37	18	29	48.4	53.2
RV94855	2.8	0.11	49	181	564	3.35	19	108	6.2	26.6
RV94856	1.4	0.04	20	43	784	12.6	50	86	195	25.2

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Final : R38807

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94857	3.5	0.08	30	116	188	1.25	8	29	20.9	7.9
RV94858	3.6	0.07	43	86	197	3.70	32	66	52.1	14.8
RV94859	<0.5	0.02	13	22	1150	11.8	8	83	382	19.2
RV94860	7.5	0.14	97	25	872	5.33	14	16	2.9	36.8
RV94861	3.1	0.09	24	47	425	2.97	5	5	10.4	25.8
RV94862	1.8	0.05	30	36	1400	7.83	11	39	112	42.3
RV94863	1.8	0.06	30	50	1060	7.23	13	39	88.6	57.5
RV94864	2.4	0.05	34	57	502	3.13	12	33	24.3	26.6
RV94865	7.0	0.07	66	71	879	5.06	22	47	33.1	50.2
RV94866	6.6	0.09	56	59	515	3.63	14	34	49.0	42.3
RV94867	5.3	0.08	52	80	451	3.07	12	31	14.4	43.8
RV94868	5.1	0.10	46	53	437	2.99	12	26	29.9	50.2
*Dup RV94761	4.3	0.03	41	100	596	1.75	15	62	77.3	18.4
*Dup RV94773	1.0	<0.01	4	53	357	4.28	28	86	147	822
*Dup RV94785	5.3	0.01	16	1330	493	6.18	73	1020	<0.5	13.6
*Dup RV94797	5.4	<0.01	27	1040	1010	4.84	76	842	26.1	15.8
*Dup RV94809	3.5	0.02	33	21	280	1.34	12	15	150	9.6
*Dup RV94821	<0.5	<0.01	7	15	667	>15	36	74	276	8.9
*Dup RV94833	1.8	0.04	26	57	354	2.29	11	36	49.8	16.8
*Dup RV94845	12.4	0.06	98	197	1110	6.44	26	94	53.2	52.2
*Dup RV94857	3.2	0.07	28	111	179	1.14	7	27	18.9	7.2

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94761	<3	9.4	3.0	1.3	<1	<2	<1	<10	<5	40
RV94762	<3	16.8	3.3	1.4	<1	<2	<1	<10	<5	7
RV94763	<3	25.2	9.9	3.0	<1	<2	<1	<10	<5	33
RV94764	22	18.9	2.9	1.5	<1	<2	<1	<10	<5	35
RV94765	9	22.3	5.6	2.5	<1	<2	<1	<10	<5	137
RV94766	<3	17.4	6.5	2.9	<1	<2	<1	<10	<5	135
RV94767	8	23.3	5.4	3.5	<1	<2	<1	<10	<5	198
RV94768	22	45.3	5.0	3.2	<1	<2	<1	<10	<5	342
RV94769	21	86.8	9.5	3.6	<1	<2	<1	<10	<5	34
RV94770	55	116	5.8	5.0	1	<2	<1	<10	<5	91
RV94771	<3	31.2	5.2	2.5	<1	<2	<1	<10	<5	101
RV94772	28	39.2	6.9	7.3	5	<2	<1	<10	<5	16
RV94773	15	29.2	7.0	7.7	7	<2	<1	<10	<5	14
RV94774	26	52.0	8.7	7.4	2	<2	<1	<10	<5	21
RV94775	25	25.9	7.8	8.9	3	<2	<1	<10	<5	21
RV94776	51	80.3	9.6	8.7	3	<2	<1	<10	<5	27
RV94777	8	14.3	3.1	2.9	1	<2	<1	<10	<5	36
RV94778	<3	14.1	2.1	1.4	<1	<2	<1	<10	<5	102
RV94779	<3	14.6	2.0	1.5	<1	<2	<1	<10	<5	13
RV94780	<3	7.3	1.7	1.2	<1	<2	<1	<10	<5	10
RV94781	<3	46.3	2.5	6.3	<1	<2	<1	<10	<5	61
RV94782	6	2.9	1.6	3.9	<1	<2	<1	<10	<5	1
RV94783	<3	1.8	1.3	3.6	<1	<2	<1	<10	<5	<1
RV94784	<3	19.8	2.0	5.4	<1	<2	<1	<10	<5	3
RV94785	14	1.6	1.5	3.5	<1	<2	<1	<10	<5	<1
RV94786	<3	2.2	1.4	4.2	<1	<2	<1	<10	<5	2
RV94787	<3	1.1	1.3	3.5	<1	<2	<1	<10	<5	<1
RV94788	<3	1.2	1.5	3.3	<1	<2	<1	<10	<5	<1
RV94789	3	3.0	1.5	2.5	<1	<2	<1	<10	<5	<1
RV94790	<3	2.9	1.1	3.5	<1	<2	<1	<10	<5	<1
RV94791	5	1.8	1.5	3.2	<1	<2	<1	<10	<5	<1
RV94792	<3	50.5	2.2	4.5	<1	<2	<1	<10	<5	8
RV94793	<3	2.1	1.5	3.9	<1	<2	<1	<10	<5	<1
RV94794	<3	65.6	1.6	2.9	<1	<2	<1	<10	<5	<1
RV94795	<3	27.7	1.6	2.6	<1	<2	<1	<10	<5	<1
RV94796	<3	1.1	1.7	3.6	<1	<2	<1	<10	<5	<1
RV94797	<3	79.7	1.3	2.8	<1	<2	<1	<10	<5	<1
RV94798	<3	4.8	1.4	4.1	<1	<2	<1	<10	<5	<1
RV94799	4	54.4	1.3	4.3	<1	<2	<1	<10	<5	16
RV94800	5	3.7	1.5	3.0	<1	<2	<1	<10	<5	<1
RV94801	<3	1.2	1.3	2.8	<1	<2	<1	<10	<5	<1
RV94802	16	14.7	1.4	2.6	<1	<2	<1	<10	<5	<1
RV94803	17	25.3	1.4	3.9	<1	<2	<1	<10	<5	<1
RV94804	<3	1.4	1.1	3.5	<1	<2	<1	<10	<5	<1
RV94805	<3	0.9	1.0	3.6	<1	<2	<1	<10	<5	<1
RV94806	<3	95.1	1.1	2.4	<1	<2	<1	<10	<5	<1
RV94807	<3	13.8	6.0	2.0	<1	<2	<1	<10	<5	12
RV94808	<3	16.8	8.8	1.5	<1	<2	<1	<10	<5	5

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94809	<3	5.5	4.3	1.4	<1	<2	<1	<10	<5	<1
RV94810	<3	8.1	6.6	2.4	<1	<2	<1	<10	<5	2
RV94811	<3	8.5	5.7	1.4	<1	<2	<1	<10	<5	<1
RV94812	<3	10.5	5.5	1.3	<1	<2	<1	<10	<5	<1
RV94813	<3	16.6	7.8	2.8	<1	<2	<1	<10	<5	<1
RV94814	<3	18.2	7.7	2.5	<1	<2	<1	<10	<5	<1
RV94815	<3	4.0	4.8	1.4	<1	<2	<1	<10	<5	<1
RV94816	<3	9.7	4.1	1.4	<1	<2	<1	<10	<5	<1
RV94817	<3	15.2	3.0	2.4	<1	<2	<1	<10	<5	137
RV94818	<3	18.8	1.9	2.5	1	<2	<1	<10	<5	164
RV94819	<3	17.0	1.3	4.9	<1	<2	<1	<10	<5	190
RV94820	<3	16.3	1.6	4.0	<1	<2	<1	<10	<5	174
RV94821	<3	6.8	1.5	14.6	<1	<2	<1	<10	8	4
RV94822	<3	15.9	1.6	9.6	<1	<2	<1	<10	<5	7
RV94823	<3	7.5	1.1	11.0	<1	<2	<1	<10	6	5
RV94824	<3	7.6	1.7	8.4	<1	<2	<1	<10	5	67
RV94825	<3	11.4	2.2	10.0	4	<2	<1	<10	6	142
RV94826	<3	16.2	2.2	3.8	2	<2	<1	<10	<5	143
RV94827	<3	11.0	1.4	5.8	1	<2	<1	<10	<5	20
RV94828	<3	13.2	1.2	6.4	<1	<2	<1	<10	<5	152
RV94829	<3	33.9	3.7	3.4	<1	<2	<1	<10	<5	584
RV94830	<3	71.5	7.8	3.8	2	<2	1	<10	<5	145
RV94831	<3	15.0	3.5	2.5	1	<2	<1	<10	<5	126
RV94832	<3	11.9	1.6	2.3	1	<2	<1	<10	<5	250
RV94833	<3	23.5	1.6	2.0	<1	<2	<1	<10	<5	62
RV94834	<3	23.4	4.4	2.4	1	<2	<1	<10	<5	91
RV94835	<3	18.3	2.5	3.2	2	<2	<1	<10	<5	172
RV94836	<3	15.8	1.4	4.0	<1	<2	<1	<10	<5	221
RV94837	<3	11.6	6.3	13.4	<1	<2	<1	<10	7	<1
RV94838	<3	2.5	3.2	12.3	<1	<2	<1	<10	7	3
RV94839	<3	15.3	7.1	14.1	<1	<2	<1	<10	8	2
RV94840	<3	37.5	2.0	2.2	<1	<2	<1	<10	<5	2
RV94841	<3	10.6	1.3	1.7	<1	<2	<1	<10	<5	2
RV94842	<3	18.1	1.4	1.6	<1	<2	<1	<10	<5	<1
RV94843	<3	15.9	2.8	2.0	<1	<2	<1	<10	<5	14
RV94844	<3	18.2	4.9	5.3	<1	<2	<1	<10	<5	57
RV94845	<3	43.3	7.2	4.2	3	<2	<1	<10	<5	141
RV94846	<3	40.7	3.4	3.1	<1	<2	<1	<10	<5	102
RV94847	<3	42.0	7.5	4.2	<1	<2	<1	<10	<5	57
RV94848	<3	91.9	10.8	4.6	<1	<2	<1	<10	<5	85
RV94849	<3	27.2	4.5	2.4	3	<2	<1	<10	<5	202
RV94850	<3	27.9	5.3	3.5	1	<2	<1	<10	<5	39
RV94851	<3	21.1	4.1	2.9	7	<2	<1	<10	<5	60
RV94852	<3	14.9	3.3	3.1	<1	<2	<1	<10	<5	184
RV94853	<3	21.8	3.0	3.4	1	<2	<1	<10	<5	101
RV94854	<3	63.8	5.6	4.5	<1	<2	<1	<10	<5	268
RV94855	<3	7.6	3.7	3.3	<1	<2	<1	<10	<5	30
RV94856	<3	11.5	3.9	7.9	1	<2	<1	<10	<5	82

SGS

Final : R33807

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94857	<3	11.3	2.6	2.1	<1	<2	<1	<10	<5	5
RV94858	<3	19.7	2.4	3.3	<1	<2	<1	<10	<5	8
RV94859	<3	20.9	2.1	6.2	<1	<2	<1	<10	<5	120
RV94860	<3	17.8	8.1	4.0	<1	<2	<1	<10	<5	8
RV94861	<3	13.4	17.8	6.0	1	<2	<1	<10	<5	32
RV94862	<3	19.4	2.9	4.9	<1	<2	<1	<10	<5	93
RV94863	<3	20.5	2.2	4.5	<1	<2	<1	<10	<5	39
RV94864	<3	65.5	2.1	3.5	<1	<2	<1	<10	<5	90
RV94865	<3	33.4	4.0	4.4	<1	<2	<1	<10	<5	240
RV94866	<3	29.7	4.7	3.6	<1	<2	<1	<10	<5	53
RV94867	<3	39.8	3.8	3.6	1	<2	<1	<10	<5	17
RV94868	<3	22.8	5.4	3.4	<1	<2	<1	<10	<5	59
*Dup RV94761	<3	9.7	2.8	1.1	<1	<2	<1	<10	<5	39
*Dup RV94773	18	28.3	6.9	7.5	7	<2	<1	<10	<5	13
*Dup RV94785	12	1.7	1.5	3.6	<1	<2	<1	<10	<5	<1
*Dup RV94797	<3	77.5	1.3	3.0	<1	<2	<1	<10	<5	<1
*Dup RV94809	<3	5.7	3.9	1.2	<1	<2	<1	<10	<5	<1
*Dup RV94821	<3	5.9	1.5	14.8	<1	<2	<1	<10	7	3
*Dup RV94833	<3	23.0	1.3	1.8	<1	<2	<1	<10	<5	57
*Dup RV94845	<3	43.5	8.1	4.9	4	<2	<1	<10	<5	141
*Dup RV94857	<3	10.6	2.3	1.8	<1	<2	<1	<10	<5	5

SGS

Final : R36807

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94761	1.4	<10	<2	<5	8
RV94762	0.8	<10	<2	<5	8
RV94763	6.0	<10	<2	<5	9
RV94764	1.5	<10	<2	<5	8
RV94765	3.4	<10	<2	<5	9
RV94766	3.6	<10	<2	<5	8
RV94767	5.0	<10	<2	<5	10
RV94768	2.0	<10	<2	<5	11
RV94769	1.7	<10	11	<5	5
RV94770	3.8	<10	4	<5	21
RV94771	2.3	<10	<2	<5	21
RV94772	7.0	<10	9	<5	2
RV94773	9.5	<10	6	<5	5
RV94774	7.4	<10	17	<5	8
RV94775	16.5	<10	6	<5	2
RV94776	17.3	<10	6	<5	3
RV94777	5.2	<10	<2	<5	13
RV94778	2.2	<10	<2	<5	17
RV94779	1.5	<10	<2	<5	22
RV94780	1.6	<10	<2	<5	9
RV94781	2.2	<10	<2	<5	4
RV94782	<0.5	10	<2	<5	<1
RV94783	<0.5	<10	<2	<5	<1
RV94784	<0.5	<10	<2	<5	2
RV94785	<0.5	10	<2	<5	<1
RV94786	<0.5	10	<2	<5	<1
RV94787	<0.5	<10	<2	<5	<1
RV94788	<0.5	<10	<2	<5	<1
RV94789	<0.5	10	<2	<5	<1
RV94790	<0.5	<10	<2	<5	<1
RV94791	<0.5	10	<2	<5	<1
RV94792	3.1	<10	<2	<5	3
RV94793	<0.5	<10	<2	<5	1
RV94794	<0.5	<10	<2	<5	4
RV94795	<0.5	10	<2	<5	3
RV94796	<0.5	<10	<2	<5	1
RV94797	<0.5	<10	<2	<5	6
RV94798	<0.5	10	<2	<5	<1
RV94799	<0.5	10	<2	<5	<1
RV94800	<0.5	10	<2	<5	<1
RV94801	<0.5	10	<2	<5	<1
RV94802	<0.5	10	<2	<5	<1
RV94803	<0.5	20	<2	<5	<1
RV94804	<0.5	10	<2	<5	<1
RV94805	<0.5	10	<2	<5	<1
RV94806	<0.5	<10	<2	<5	1
RV94807	1.1	<10	<2	<5	7
RV94808	2.1	<10	<2	<5	5

Final : R33807

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94809	1.5	<10	<2	<5	4
RV94810	1.7	<10	<2	<5	5
RV94811	1.5	<10	<2	<5	4
RV94812	1.5	<10	<2	<5	5
RV94813	1.8	<10	<2	<5	10
RV94814	2.2	<10	<2	<5	11
RV94815	1.1	<10	<2	<5	3
RV94816	1.6	<10	<2	<5	3
RV94817	14.1	<10	<2	<5	13
RV94818	15.1	<10	<2	<5	9
RV94819	8.7	<10	<2	<5	9
RV94820	8.4	<10	<2	<5	8
RV94821	0.9	<10	<2	<5	<1
RV94822	1.8	<10	<2	<5	<1
RV94823	2.4	<10	<2	<5	1
RV94824	5.6	<10	<2	<5	5
RV94825	5.1	<10	<2	<5	2
RV94826	9.0	<10	<2	<5	16
RV94827	10.1	<10	<2	<5	8
RV94828	8.6	<10	<2	<5	7
RV94829	16.9	<10	<2	<5	23
RV94830	14.9	<10	4	<5	24
RV94831	18.5	<10	<2	<5	7
RV94832	10.7	<10	<2	<5	13
RV94833	9.8	<10	<2	<5	10
RV94834	12.2	<10	2	<5	19
RV94835	12.8	<10	<2	<5	13
RV94836	13.3	<10	<2	<5	12
RV94837	<0.5	<10	<2	<5	<1
RV94838	4.1	<10	<2	<5	<1
RV94839	5.7	<10	<2	<5	<1
RV94840	28.7	<10	<2	<5	1
RV94841	0.8	<10	<2	<5	5
RV94842	<0.5	<10	<2	<5	6
RV94843	2.2	<10	<2	<5	10
RV94844	4.9	<10	4	<5	13
RV94845	5.9	<10	<2	<5	21
RV94846	0.7	<10	<2	<5	11
RV94847	8.0	<10	<2	<5	12
RV94848	3.8	<10	<2	<5	10
RV94849	2.5	<10	<2	<5	21
RV94850	2.1	<10	<2	<5	48
RV94851	8.5	<10	<2	<5	23
RV94852	15.6	<10	<2	<5	14
RV94853	15.9	<10	<2	<5	14
RV94854	10.0	<10	<2	<5	5
RV94855	4.6	<10	<2	<5	24
RV94856	6.5	<10	<2	<5	4

SGS

Final : R338807

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94857	0.7	<10	<2	<5	3
RV94858	3.2	<10	<2	<5	8
RV94859	0.9	<10	<2	<5	2
RV94860	9.0	<10	<2	<5	17
RV94861	26.6	<10	<2	<5	14
RV94862	9.0	<10	<2	<5	8
RV94863	7.7	<10	<2	<5	15
RV94864	8.2	<10	<2	<5	9
RV94865	7.0	<10	<2	<5	18
RV94866	7.6	<10	<2	<5	22
RV94867	8.8	<10	<2	<5	14
RV94868	12.1	<10	<2	<5	17
*Dup RV94761	1.2	<10	<2	<5	8
*Dup RV94773	8.7	<10	6	<5	6
*Dup RV94785	<0.5	10	<2	<5	<1
*Dup RV94797	<0.5	<10	<2	<5	6
*Dup RV94809	0.9	<10	<2	<5	4
*Dup RV94821	0.9	<10	<2	<5	<1
*Dup RV94833	8.9	<10	<2	<5	10
*Dup RV94845	7.1	<10	<2	<5	24
*Dup RV94857	0.6	<10	<2	<5	3

SGS

Final : 086779

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
95786	3	<10	<1	<0.5	0.03	0.42	0.71	0.01	0.01	1.64
95787	3	<10	3	<0.5	0.38	0.48	4.30	0.02	0.03	3.03
95788	2	<10	6	<0.5	0.63	0.19	5.32	0.02	0.02	3.83
95789	4	<10	5	<0.5	0.29	0.78	2.44	0.02	0.03	1.90
95790	21	<10	<1	<0.5	0.07	0.40	0.80	0.03	0.03	1.34
95791	7	<10	<1	<0.5	0.10	0.35	0.72	0.04	0.05	0.92
95792	4	<10	<1	<0.5	0.07	0.44	0.70	0.02	0.05	0.76
95793	<1	<10	<1	<0.5	0.11	0.88	1.10	0.03	0.06	1.30
95794	5	<10	1	<0.5	0.07	0.39	0.68	0.02	0.04	1.04
95795	2	<10	3	<0.5	0.09	0.49	0.96	0.02	0.04	0.83
95796	7	<10	<1	<0.5	0.11	0.46	1.02	0.03	0.03	1.25
95797	4	<10	<1	<0.5	0.13	0.74	1.35	0.03	0.06	0.93
95798	5	<10	<1	<0.5	0.15	0.48	1.19	0.04	0.03	1.08
95799	3	<10	<1	<0.5	0.21	0.63	1.46	0.04	0.04	1.37
95800	4	<10	<1	<0.5	0.14	0.73	1.29	0.04	0.03	1.74
94637	3	<10	<1	1.0	0.17	5.73	1.97	0.24	0.97	5.93
94638	8	<10	<1	<0.5	0.12	1.01	1.44	0.04	0.04	2.54
94639	<1	<10	<1	<0.5	0.16	0.71	1.56	0.12	0.05	2.04
94640	<1	<10	<1	<0.5	0.11	0.74	1.36	0.09	0.03	1.33
94641	4	<10	<1	<0.5	0.16	0.94	1.74	0.04	0.04	1.10
94642	4	<10	<1	<0.5	0.13	0.72	1.44	0.03	0.03	1.05
94643	5	<10	5	<0.5	0.14	0.50	1.21	0.08	0.03	1.35
94644	10	<10	1	1.6	0.12	0.67	1.26	0.09	0.03	1.17
94645	5	<10	<1	<0.5	0.23	0.35	1.65	0.04	0.03	1.60
94646	13	<10	<1	<0.5	0.31	0.15	2.04	0.04	0.03	1.59
94647	36	<10	<1	<0.5	0.31	0.18	2.19	0.04	0.04	1.87
94648	20	<10	<1	<0.5	0.33	0.18	2.49	0.04	0.03	2.15
94649	7	<10	<1	<0.5	0.26	0.23	1.64	0.04	0.05	1.58
94650	3	<10	<1	<0.5	0.15	0.30	1.02	0.04	0.06	0.99
94944	8	<10	<1	<0.5	0.14	0.52	1.21	0.15	0.04	1.32
94945	4	<10	9	<0.5	0.13	0.26	0.70	0.14	0.03	0.88
94946	<1	<10	5	<0.5	0.12	0.43	0.89	0.17	0.02	1.12
94951	<1	<10	<1	<0.5	0.08	0.50	0.92	0.14	0.02	1.76
94952	<1	<10	<1	<0.5	0.10	0.36	0.59	0.13	0.02	1.38
94958	1	<10	14	<0.5	0.44	0.22	3.09	0.11	0.03	2.38
94959	3	<10	<1	<0.5	0.08	0.73	1.25	0.05	0.17	0.57
94960	2	<10	<1	<0.5	0.05	0.49	0.84	0.04	0.34	0.38
94961	8	<10	<1	<0.5	0.09	1.11	1.58	0.11	0.07	0.75
94962	3	<10	<1	<0.5	0.09	0.99	1.46	0.13	0.03	0.93
94972	2	<10	<1	<0.5	0.08	0.41	0.62	0.14	0.02	1.50
94973	7	<10	<1	<0.5	0.07	0.29	0.49	0.14	0.02	1.16
94974	7	<10	<1	<0.5	0.11	0.44	0.70	0.13	0.03	1.34
94975	12	<10	<1	<0.5	0.11	0.51	1.13	0.18	0.04	1.28
94976	3	<10	<1	<0.5	0.11	0.54	1.11	0.15	0.03	1.14
94977	3	<10	<1	<0.5	0.04	1.40	2.12	0.18	0.03	1.88
94978	30	<10	<1	<0.5	0.07	0.44	1.03	0.07	0.02	1.24
94979	13	<10	<1	<0.5	0.08	0.48	0.85	0.14	0.02	0.84
94980	34	<10	<1	<0.5	0.06	0.65	0.86	0.08	0.01	0.58

SGS

Final : 086779

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
94981	11	<10	<1	<0.5	0.06	0.46	0.69	0.13	0.02	0.89
4982	3	<10	<1	<0.5	0.11	0.66	1.19	0.18	0.02	1.08
4983	4	<10	<1	<0.5	0.07	0.88	1.27	0.08	0.01	0.67
94984	9	<10	<1	<0.5	0.05	0.44	0.70	0.04	0.01	0.49
94985	13	<10	5	<0.5	0.08	0.57	0.94	0.01	0.01	1.07
4986	7	<10	<1	<0.5	0.09	0.31	0.65	0.12	0.02	1.65
4987	14	<10	2	<0.5	0.08	0.59	1.00	0.08	0.02	1.16
94988	4	<10	<1	<0.5	0.13	0.56	1.15	0.14	0.05	1.17
4989	5	<10	<1	<0.5	0.10	0.30	0.60	0.24	0.02	1.83
4990	4	<10	<1	<0.5	0.08	1.01	1.57	0.07	0.05	0.76
4991	<1	<10	<1	<0.5	0.02	1.84	1.96	0.09	0.01	4.54
94992	14	<10	<1	<0.5	0.10	0.94	1.51	0.07	0.05	1.04
4993	181	<10	<1	<0.5	0.05	0.60	1.13	0.09	0.04	1.06
4994	4	<10	<1	<0.5	0.06	1.04	1.55	0.05	0.08	1.07
94995	4	<10	<1	<0.5	0.04	1.62	1.86	0.02	0.15	4.04
*Dup 95786	6	<10	<1	<0.5	0.03	0.37	0.70	0.01	0.01	1.54
Dup 95798	4	<10	<1	<0.5	0.14	0.47	1.17	0.04	0.03	1.07
Dup 94646	19	<10	<1	<0.5	0.34	0.16	2.18	0.04	0.04	1.70
*Dup 94960	<1	<10	<1	<0.5	0.06	0.47	0.85	0.04	0.34	0.40
*Dup 94981	12	<10	<1	<0.5	0.06	0.45	0.66	0.13	0.02	0.83
Dup 94993	192	<10	<1	1.4	0.05	0.60	1.14	0.09	0.04	1.09

SGS

Final : 086779

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
95786	<0.5	0.02	25	79	1120	>15	20	74	104	146
95787	2.2	0.02	116	231	457	7.68	21	85	165	56.5
95788	1.1	0.02	126	280	141	1.99	22	114	106	17.9
95789	3.5	0.03	117	360	738	6.90	32	123	107	44.6
95790	<0.5	0.03	39	65	1070	>15	25	53	166	71.4
95791	1.7	0.03	65	89	657	8.22	11	35	69.4	33.8
95792	1.3	0.03	59	71	661	11.9	24	41	92.6	52.5
95793	3.2	0.03	74	105	1340	4.58	14	43	9.2	56.1
95794	1.4	0.03	63	87	683	5.17	9	40	26.9	36.5
95795	1.4	0.04	59	78	703	6.94	8	29	26.6	50.1
95796	0.9	0.02	40	62	875	9.68	8	23	91.6	39.8
95797	1.1	0.03	41	60	769	9.12	15	28	65.4	52.6
95798	1.1	0.02	39	65	675	7.77	9	18	46.4	34.6
95799	1.7	0.03	57	77	799	6.59	11	30	21.9	38.4
95800	1.1	0.02	35	51	701	5.65	9	20	28.8	29.4
94637	8.4	0.23	110	111	1050	6.88	44	279	80.1	57.4
94638	2.2	0.03	35	50	1000	6.93	14	20	56.6	46.0
94639	6.0	0.05	112	34	636	4.32	20	12	15.8	56.9
94640	3.1	0.04	75	53	430	3.50	14	22	18.2	41.6
94641	2.7	0.03	39	64	594	6.36	24	44	75.2	40.9
94642	1.9	0.03	39	72	564	6.78	20	46	86.2	32.2
94643	2.8	0.04	79	54	427	5.22	20	21	57.0	34.0
94644	5.1	0.03	72	53	384	5.64	26	39	92.5	40.7
94645	1.3	0.02	48	62	382	4.65	13	38	68.6	17.4
94646	<0.5	0.02	63	72	216	4.97	14	40	40.9	15.3
94647	0.9	0.02	63	74	300	3.36	11	39	96.8	12.6
94648	0.8	0.02	56	76	335	4.22	13	41	89.6	12.3
94649	1.4	0.02	65	88	345	4.53	17	51	96.1	13.8
94650	1.3	0.02	42	81	256	2.32	9	34	58.4	15.3
94944	4.2	0.03	37	56	252	3.02	15	18	180	47.6
94945	1.6	0.02	137	84	79	2.50	6	10	58.0	15.7
94946	4.2	0.03	54	43	176	3.54	18	11	98.0	33.5
94951	2.7	0.04	34	49	192	1.66	14	21	84.6	23.6
94952	2.8	0.03	30	41	187	1.14	7	14	48.7	22.0
94958	1.6	0.03	221	40	166	3.22	13	22	30.2	19.3
94959	1.3	0.04	27	51	249	3.22	10	5	83.6	35.1
94960	0.9	0.06	11	98	170	1.47	5	4	3.4	30.9
94961	2.8	0.03	35	42	387	3.10	13	10	5.2	39.7
94962	3.6	0.03	47	52	380	3.30	13	12	30.1	35.5
94972	2.9	0.04	29	49	215	1.82	21	37	71.1	19.9
94973	2.3	0.05	24	48	160	1.91	25	41	83.1	14.3
94974	3.5	0.04	31	44	217	1.86	21	35	118	25.9
94975	3.9	0.04	27	44	277	2.68	10	7	21.4	49.3
94976	2.5	0.03	27	36	277	2.40	8	6	9.9	47.6
94977	3.8	0.02	53	38	459	4.52	19	14	26.3	84.2
94978	1.7	0.03	15	52	340	11.6	32	67	763	45.5
94979	1.4	0.02	13	46	304	5.51	17	26	215	53.8
94980	<0.5	<0.01	4	40	389	9.77	31	54	512	59.4

SGS

Final : 086779

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
94981	1.2	0.02	13	46	320	5.20	16	23	222	43.6
4982	3.4	0.03	28	50	361	2.43	11	10	26.6	55.8
4983	2.1	0.02	17	60	293	2.34	12	25	46.1	51.3
94984	1.4	0.01	6	57	193	1.88	10	10	146	27.0
94985	2.7	0.04	29	78	202	1.62	23	70	274	17.0
4986	3.5	0.08	29	46	233	2.29	33	22	238	13.3
4987	2.8	0.05	30	64	229	2.27	21	40	109	19.4
94988	3.0	0.04	48	49	242	3.23	21	21	78.5	34.9
94989	3.4	0.03	10	56	178	2.19	49	4	249	9.8
4990	1.6	0.02	24	82	280	2.66	23	42	124	47.4
4991	1.9	0.06	42	106	383	3.33	24	61	56.6	45.6
94992	1.7	0.04	28	79	305	4.84	63	114	640	36.6
4993	1.9	0.04	26	61	225	2.63	25	51	214	56.3
4994	2.3	0.04	27	104	342	1.98	10	15	4.5	29.6
94995	7.5	0.05	46	105	576	2.73	13	42	17.1	37.1
*Dup 95786	<0.5	0.02	24	76	1060	>15	20	74	101	143
Dup 95798	1.0	0.02	37	65	646	7.64	10	19	45.9	35.6
Dup 94646	<0.5	0.02	61	69	235	5.17	13	38	44.6	15.0
*Dup 94960	0.9	0.06	11	102	164	1.49	5	4	3.4	30.2
*Dup 94981	1.1	0.01	13	45	310	4.89	16	24	215	43.9
Dup 94993	2.7	0.04	27	63	227	2.69	25	52	213	58.3

SGS

Final : 086779

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
95786	<3	7.4	1.4	12.4	<1	<2	<1	<10	7	7
5787	<3	42.7	2.1	4.7	<1	<2	<1	<10	<5	19
5788	<3	65.1	1.1	1.4	<1	<2	<1	<10	<5	14
95789	<3	31.9	2.1	4.1	<1	<2	<1	<10	<5	31
95790	<3	14.7	2.1	11.0	<1	<2	<1	<10	8	36
5791	<3	15.4	1.7	5.1	<1	<2	<1	<10	<5	41
5792	<3	10.9	1.3	7.1	<1	<2	<1	<10	<5	40
95793	<3	17.8	1.6	3.4	<1	<2	<1	<10	<5	27
95794	<3	10.1	1.1	3.7	<1	<2	<1	<10	<5	17
5795	<3	11.9	1.0	4.6	<1	<2	<1	<10	<5	27
5796	<3	23.4	1.6	5.9	<1	<2	<1	<10	<5	24
95797	<3	22.2	1.4	4.9	<1	<2	<1	<10	<5	47
5798	<3	30.8	1.4	4.3	<1	<2	<1	<10	<5	23
5799	<3	37.3	2.0	3.9	<1	<2	<1	<10	<5	32
95800	<3	29.2	2.0	3.6	<1	<2	<1	<10	<5	33
94637	<3	1110	13.3	32.4	2	<2	<1	<10	<5	853
4638	<3	32.5	2.7	4.2	<1	<2	<1	<10	<5	28
4639	<3	43.6	7.2	3.4	<1	<2	<1	<10	<5	19
94640	<3	24.9	4.6	2.6	<1	<2	<1	<10	<5	20
4641	<3	20.5	2.4	3.7	<1	<2	<1	<10	<5	17
4642	<3	22.6	1.7	4.0	<1	<2	<1	<10	<5	16
4643	<3	26.9	4.1	3.1	<1	<2	<1	<10	<5	23
94644	<3	25.3	5.6	4.9	2	<2	1	<10	<5	29
4645	<3	54.7	1.8	2.9	<1	<2	<1	<10	<5	21
4646	<3	63.6	1.8	3.2	<1	<2	<1	<10	<5	30
94647	<3	71.8	1.8	2.3	<1	<2	<1	<10	<5	29
94648	<3	73.1	1.7	2.5	<1	<2	<1	<10	<5	35
4649	<3	47.4	2.0	3.0	<1	<2	<1	<10	<5	35
4650	<3	22.5	2.0	1.6	<1	<2	<1	<10	<5	32
94944	<3	18.6	6.3	2.1	<1	<2	<1	<10	<5	16
94945	<3	31.6	5.4	1.9	<1	<2	<1	<10	<5	13
4946	<3	9.6	9.1	2.4	<1	<2	<1	<10	<5	5
4951	<3	32.8	4.0	1.5	<1	<2	<1	<10	<5	9
94952	<3	24.0	4.1	1.2	<1	<2	<1	<10	<5	6
4958	<3	79.0	5.6	2.1	<1	<2	<1	<10	<5	12
4959	<3	8.4	1.6	2.2	<1	<2	<1	<10	<5	95
94960	<3	9.1	2.0	2.3	<1	<2	<1	<10	<5	129
94961	<3	8.0	5.5	2.1	<1	<2	<1	<10	<5	27
4962	<3	8.5	8.1	2.3	<1	<2	<1	<10	<5	13
4972	<3	26.8	3.5	1.7	<1	<2	<1	<10	<5	6
94973	<3	24.8	3.3	1.7	<1	<2	<1	<10	<5	8
94974	<3	24.1	4.7	1.6	<1	<2	<1	<10	<5	15
4975	<3	13.5	7.9	2.0	<1	<2	<1	<10	<5	21
4976	<3	12.8	5.5	1.7	<1	<2	<1	<10	<5	11
94977	<3	13.7	5.0	2.9	<1	<2	<1	<10	<5	18
4978	<3	13.0	2.8	7.3	1	<2	<1	<10	<5	6
4979	<3	7.6	5.2	3.2	<1	<2	<1	<10	<5	9
94980	<3	6.6	3.3	5.5	<1	<2	<1	<10	<5	3

SGS

Final : 086779

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
94981	<3	8.1	5.1	3.0	<1	<2	<1	<10	<5	3
94982	<3	9.2	7.7	1.8	<1	<2	<1	<10	<5	5
94983	<3	7.8	3.3	1.8	<1	<2	<1	<10	<5	4
94984	<3	8.2	1.6	1.6	<1	<2	<1	<10	<5	8
94985	<3	11.6	1.6	1.3	<1	<2	<1	<10	<5	5
94986	<3	8.5	6.2	2.1	<1	<2	<1	<10	<5	10
94987	<3	7.3	4.7	1.6	<1	<2	<1	<10	<5	5
94988	<3	9.5	6.3	2.2	<1	<2	<1	<10	<5	12
94989	<3	12.4	9.9	2.3	<1	<2	<1	<10	<5	11
94990	<3	15.7	1.7	1.8	<1	<2	<1	<10	<5	15
94991	<3	15.5	2.6	2.6	<1	<2	<1	<10	<5	4
94992	<3	16.4	1.1	3.2	<1	<2	<1	<10	<5	17
94993	<3	10.4	2.4	1.8	<1	<2	<1	<10	<5	12
94994	<3	18.3	2.7	2.4	<1	<2	<1	<10	<5	31
94995	<3	13.6	3.9	2.0	<1	<2	<1	<10	<5	46
*Dup 95786	<3	6.9	1.4	11.9	<1	<2	<1	<10	7	6
Dup 95798	<3	30.7	1.4	4.3	<1	<2	<1	<10	<5	20
Dup 94646	<3	68.8	1.8	3.0	<1	<2	<1	<10	<5	35
*Dup 94960	<3	9.4	2.0	2.2	<1	<2	<1	<10	<5	133
*Dup 94981	<3	8.1	5.2	3.0	<1	<2	<1	<10	<5	2
Dup 94993	<3	12.8	3.7	3.0	<1	<2	<1	<10	<5	13

SGS

Final : 086779

Element	La	W	Pb	Bi	Li	S
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1	0.01
Units	PPM	PPM	PPM	PPM	PPM	%
95786	<0.5	<10	<2	<5	1	1.37
95787	1.5	<10	<2	<5	4	1.51
95788	0.8	<10	<2	<5	1	0.34
95789	0.9	<10	<2	<5	4	1.91
95790	1.0	<10	<2	<5	3	>5
95791	1.5	<10	<2	<5	3	3.53
95792	1.1	<10	<2	<5	2	>5
95793	1.8	<10	<2	<5	5	0.56
95794	1.3	<10	<2	<5	3	1.31
95795	1.4	<10	<2	<5	2	1.49
95796	1.9	<10	<2	<5	3	3.73
95797	1.9	<10	<2	<5	4	3.04
95798	1.2	<10	<2	<5	2	2.36
95799	1.6	<10	<2	<5	4	1.26
95800	2.6	<10	<2	<5	3	1.49
94637	56.4	<10	5	<5	20	1.25
94638	2.4	<10	<2	<5	4	1.96
94639	3.6	<10	<2	<5	8	0.39
94640	2.7	<10	<2	<5	4	0.27
94641	2.1	<10	<2	<5	5	2.26
94642	1.3	<10	<2	<5	4	2.55
94643	2.1	<10	<2	<5	2	1.18
94644	3.8	<10	2	<5	6	1.75
94645	2.2	<10	<2	<5	2	1.31
94646	2.3	<10	<2	<5	<1	1.16
94647	2.4	<10	<2	<5	1	0.81
94648	2.4	<10	<2	<5	2	1.19
94649	2.4	<10	<2	<5	2	1.56
94650	2.2	<10	<2	<5	2	0.45
94944	3.3	<10	<2	<5	6	0.28
94945	4.2	<10	<2	<5	2	<0.01
94946	3.8	<10	<2	<5	3	0.48
94951	4.0	<10	<2	<5	4	0.13
94952	3.8	<10	<2	<5	1	0.06
94958	2.6	<10	<2	<5	1	0.22
94959	4.5	<10	<2	<5	5	0.39
94960	5.6	<10	<2	<5	6	<0.01
94961	3.1	<10	<2	<5	7	0.02
94962	2.8	<10	<2	<5	6	0.11
94972	4.0	<10	<2	<5	1	0.52
94973	4.4	<10	<2	<5	1	0.82
94974	4.6	<10	<2	<5	2	0.54
94975	4.9	<10	<2	<5	4	0.08
94976	4.0	<10	<2	<5	4	0.05
94977	3.7	<10	<2	<5	11	0.12
94978	1.4	<10	2	<5	7	>5
94979	3.5	<10	<2	<5	3	2.32
94980	1.9	<10	<2	<5	4	>5

SGS

Final : 086779

Element Method Det.Lim. Units	La ICP12B 0.5 PPM	W ICP12B 10 PPM	Pb ICP12B 2 PPM	Bi ICP12B 5 PPM	Li ICP12B 1 PPM	S ICP12B 0.01 %
94981	3.3	<10	<2	<5	3	2.45
4982	4.8	<10	<2	<5	4	0.17
4983	2.6	<10	<2	<5	6	0.14
94984	2.0	<10	<2	<5	4	0.45
94985	<0.5	<10	<2	<5	2	0.27
4986	2.2	<10	<2	<5	<1	0.68
4987	1.8	<10	<2	<5	2	0.33
94988	3.4	<10	<2	<5	3	0.31
94989	4.4	<10	<2	<5	2	0.71
4990	1.9	<10	<2	<5	6	0.35
4991	2.9	<10	<2	<5	9	0.30
94992	2.2	<10	<2	<5	6	1.56
4993	1.6	<10	<2	<5	6	0.58
4994	4.4	<10	<2	<5	9	0.01
94995	5.5	<10	<2	<5	16	0.03
*Dup 95786	<0.5	<10	3	<5	<1	1.33
Dup 95798	1.3	<10	<2	<5	2	2.25
Dup 94646	2.2	<10	<2	<5	2	1.16
*Dup 94960	5.2	<10	<2	<5	5	0.01
*Dup 94981	3.2	<10	<2	<5	3	2.49
Dup 94993	2.8	<10	2	<5	8	0.59

SGS

Final : 086778

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
95588	2	<10	2	<0.5	0.38	1.07	5.51	<0.01	0.02	3.11
95589	6	10	15	<0.5	0.34	0.93	4.94	<0.01	0.02	2.56
95590	9	<10	12	<0.5	0.19	1.59	3.69	<0.01	0.02	1.30
95591	7	<10	3	<0.5	0.29	2.81	5.77	0.01	0.03	1.85
95592	3	<10	3	<0.5	0.15	0.95	2.60	<0.01	0.01	1.03
95593	98	<10	8	<0.5	0.23	0.78	3.33	0.02	0.02	1.89
95594	26	<10	4	<0.5	0.21	0.57	2.96	<0.01	0.01	1.50
94931	2	<10	2	<0.5	0.05	0.70	1.32	0.24	0.10	1.51
94932	2	<10	2	<0.5	0.06	0.64	1.31	0.31	0.11	1.48
94933	2	<10	2	<0.5	0.05	0.70	1.52	0.26	0.04	1.21
94939	4	<10	2	<0.5	0.04	0.46	0.90	0.23	0.02	0.83
94940	3	<10	3	<0.5	0.05	0.45	1.04	0.31	0.03	1.35
94941	8	<10	3	<0.5	0.03	0.25	0.62	0.29	0.02	0.95
94942	238	<10	3	<0.5	0.03	0.88	1.68	0.16	0.11	2.12
94943	6	<10	2	<0.5	0.04	0.63	1.33	0.25	0.05	1.14
95710	3	<10	2	<0.5	0.05	0.37	0.72	0.30	0.01	1.11
95711	2	<10	2	<0.5	0.03	0.40	0.81	0.37	<0.01	1.15
95712	15	<10	3	<0.5	0.03	0.78	1.31	0.04	0.02	0.43
95713	2	<10	3	<0.5	0.02	0.32	0.68	0.03	0.13	0.76
95714	14	<10	2	<0.5	0.03	0.44	0.91	0.09	0.04	0.69
95715	9	<10	2	<0.5	0.03	0.26	0.91	0.21	0.03	0.90
95716	19	<10	3	<0.5	0.02	0.31	0.72	0.03	0.01	0.80
95717	12	<10	3	<0.5	0.03	0.40	0.83	0.03	0.01	0.64
95718	5	<10	2	<0.5	0.05	0.47	0.96	0.03	0.01	0.46
95719	18	<10	3	<0.5	0.04	0.22	0.63	0.05	0.01	0.82
95720	3	<10	3	<0.5	0.06	3.13	1.16	0.17	0.32	2.27
95721	14	<10	2	<0.5	0.03	0.30	0.68	0.02	0.01	1.05
95722	49	<10	2	<0.5	0.04	0.29	0.76	0.03	0.02	1.34
95723	17	<10	3	<0.5	0.03	0.26	0.68	0.03	0.01	0.73
95724	41	<10	4	<0.5	0.03	0.15	0.47	0.02	<0.01	0.92
95725	32	<10	2	<0.5	0.03	0.19	0.55	0.03	0.01	1.09
95726	15	<10	2	<0.5	0.05	0.16	0.52	0.03	0.02	0.65
95727	11	<10	2	<0.5	0.10	0.36	0.94	0.03	0.02	0.89
95728	2	<10	2	<0.5	0.11	0.57	1.51	0.33	0.03	1.89
95729	1	<10	2	<0.5	0.06	0.19	0.62	0.25	0.01	0.98
95730	2	<10	2	<0.5	0.08	0.23	0.79	0.32	0.02	1.24
95731	1	<10	2	<0.5	0.13	0.63	1.27	0.11	0.20	1.01
95732	3	<10	2	<0.5	0.05	0.48	1.11	0.32	0.15	1.26
95733	1	<10	3	<0.5	0.06	0.54	0.91	0.11	0.20	0.91
95734	2	<10	2	<0.5	0.12	0.48	1.34	0.30	0.08	1.56
95735	3	<10	2	<0.5	0.04	0.43	0.94	0.26	0.11	1.09
95736	3	<10	2	<0.5	0.05	0.53	1.13	0.04	0.04	0.73
95737	3	<10	2	<0.5	0.10	0.54	1.21	0.05	0.05	0.77
95738	4	<10	3	<0.5	0.09	0.35	1.17	0.05	0.02	0.75
95739	2	<10	2	<0.5	0.17	0.16	1.36	0.04	0.02	1.11
95740	6	<10	2	<0.5	0.15	0.11	1.41	0.03	0.02	1.10
95741	13	<10	2	<0.5	0.15	0.34	1.55	0.04	0.03	1.13
95742	7	<10	3	<0.5	0.14	0.19	1.12	0.05	0.04	1.00

SGS

Final : 086778

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
95743	5	<10	2	<0.5	0.12	0.23	0.95	0.04	0.02	1.12
95744	9	<10	3	<0.5	0.06	0.40	0.94	0.04	0.02	1.42
95745	2	<10	4	<0.5	0.10	0.44	0.93	0.03	0.03	0.87
95746	3	<10	4	<0.5	0.07	0.64	1.17	0.03	0.04	1.02
95747	3	<10	4	<0.5	0.04	1.38	2.39	0.02	0.02	0.83
95748	6	<10	2	<0.5	0.02	0.81	1.62	0.24	0.01	2.02
95749	98	<10	3	<0.5	0.08	0.52	1.20	0.25	0.05	1.11
95750	73	<10	3	<0.5	0.05	0.50	1.11	0.23	0.05	0.94
95751	3	<10	3	<0.5	0.07	0.42	0.94	0.21	0.08	0.98
95752	6	<10	2	<0.5	0.04	0.36	0.71	0.19	0.05	0.81
95753	5	<10	3	<0.5	0.06	0.38	0.78	0.17	0.10	0.96
95754	4	<10	2	<0.5	0.09	0.50	1.04	0.21	0.17	1.16
95755	3	<10	2	<0.5	0.09	0.51	1.00	0.19	0.12	1.05
95756	3	<10	2	<0.5	0.05	0.95	1.52	0.16	0.06	1.06
95757	3	<10	3	<0.5	0.10	0.88	1.83	0.09	0.04	1.05
95758	3	<10	3	<0.5	0.06	0.75	1.48	0.06	0.03	0.76
95759	3	<10	2	<0.5	0.11	0.65	1.44	0.21	0.08	1.19
95760	3	<10	3	<0.5	0.08	0.32	0.80	0.23	0.04	1.26
95761	2	<10	2	<0.5	0.10	0.49	1.11	0.22	0.10	1.56
95762	2	<10	2	<0.5	0.07	0.52	1.18	0.16	0.06	1.80
95763	12	<10	2	<0.5	0.11	0.34	1.07	0.06	0.03	1.12
95764	6	<10	3	<0.5	0.10	0.28	0.94	0.05	0.03	1.15
95765	7	<10	3	<0.5	0.12	0.22	1.13	0.05	0.03	0.98
95766	6	<10	3	<0.5	0.15	0.30	1.26	0.09	0.05	1.07
95767	4	<10	4	<0.5	0.12	0.89	1.96	0.08	0.04	1.10
95768	32	<10	7	<0.5	0.20	0.25	2.01	0.02	0.03	1.41
95769	6	<10	8	<0.5	0.41	0.48	4.40	0.02	0.02	2.93
95770	3	<10	9	<0.5	0.47	0.33	4.67	<0.01	0.02	3.24
95771	3	<10	9	<0.5	0.34	0.37	3.10	0.01	0.02	2.14
95772	3	<10	6	<0.5	0.28	0.45	2.36	0.04	0.03	1.62
95773	1	<10	2	<0.5	0.14	0.90	2.02	0.08	0.02	1.31
95774	1	<10	2	<0.5	0.10	0.82	1.68	0.08	0.02	1.24
95775	2	<10	2	<0.5	0.06	0.51	1.06	0.04	0.09	0.86
95776	1	<10	3	<0.5	0.20	0.74	2.10	0.07	0.03	1.36
95777	2	<10	2	<0.5	0.29	0.71	2.33	0.06	0.09	1.85
95778	2	<10	3	0.7	0.17	3.91	2.18	0.30	1.02	6.19
95779	2	<10	8	<0.5	0.53	0.33	4.49	0.01	0.03	2.96
95780	4	<10	8	<0.5	0.50	0.45	5.40	<0.01	0.02	3.43
95781	3	<10	8	<0.5	0.61	0.51	6.64	<0.01	0.03	3.84
95782	4	<10	10	<0.5	0.61	0.22	6.77	<0.01	0.03	3.91
95783	2	<10	9	<0.5	0.63	0.24	6.96	<0.01	0.03	3.95
95784	2	<10	10	<0.5	0.62	0.37	6.82	<0.01	0.02	4.07
95785	2	<10	10	<0.5	0.53	0.57	5.81	0.01	0.02	3.62
*Dup 95588	2	<10	4	<0.5	0.40	1.10	5.90	<0.01	0.02	3.30
*Dup 94941	7	<10	3	<0.5	0.03	0.25	0.60	0.29	0.02	0.97
*Dup 95719	19	<10	3	<0.5	0.05	0.23	0.67	0.04	0.02	0.86
*Dup 95731	2	<10	3	<0.5	0.14	0.68	1.37	0.12	0.20	1.05
*Dup 95743	5	<10	3	<0.5	0.10	0.20	0.90	0.04	0.02	1.00

SGS

Final : 086778

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
*Dup 95755	3	<10	3	<0.5	0.09	0.47	0.97	0.19	0.12	0.98
*Dup 95767	5	<10	4	<0.5	0.10	0.81	1.75	0.08	0.03	0.99
*Dup 95779	2	<10	8	<0.5	0.44	0.29	4.10	0.01	0.03	2.71

Element Method Det.Lim. Units	Sc ICP12B 0.5 PPM	Ti ICP12B 0.01 %	V ICP12B 2 PPM	Cr ICP12B 1 PPM	Mn ICP12B 2 PPM	Fe ICP12B 0.01 %	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM
95588	1.2	<0.01	9	107	147	0.89	10	74	49.2	10.2
95589	<0.5	<0.01	6	99	130	1.23	37	666	282	9.9
95590	<0.5	<0.01	7	142	161	1.55	30	329	289	17.2
95591	0.6	<0.01	11	221	269	2.57	43	439	262	27.6
95592	<0.5	<0.01	4	91	95	0.85	17	176	123	10.4
95593	<0.5	<0.01	5	101	99	1.59	63	1020	3170	21.7
95594	<0.5	<0.01	2	62	70	0.75	24	499	556	7.3
94931	2.9	0.04	45	28	218	2.57	14	17	34.8	40.9
94932	2.2	0.04	62	22	191	2.67	14	11	30.1	44.5
94933	1.8	0.03	66	30	258	3.02	15	10	25.8	52.2
94939	1.3	0.01	32	27	159	2.62	25	21	247	42.5
94940	2.2	0.02	20	15	217	1.97	9	5	19.5	48.8
94941	1.4	0.01	21	19	117	1.54	9	4	53.8	30.6
94942	3.4	0.03	43	54	476	3.42	16	26	47.8	63.1
94943	2.1	0.03	34	16	236	2.63	11	10	17.3	49.6
95710	1.5	0.02	70	20	214	2.17	15	16	20.6	46.2
95711	<0.5	0.01	148	14	356	4.70	13	17	9.0	116
95712	0.5	0.01	30	28	515	11.5	44	37	208	73.8
95713	0.8	0.02	40	41	235	2.17	4	7	16.1	25.1
95714	<0.5	0.02	27	29	322	>15	68	62	410	62.0
95715	<0.5	0.02	59	23	301	7.08	34	14	236	114
95716	<0.5	0.02	24	24	467	>15	53	85	1180	84.2
95717	<0.5	0.01	23	23	509	>15	44	47	295	53.7
95718	<0.5	<0.01	25	35	401	8.38	27	32	175	37.5
95719	<0.5	0.01	36	27	394	14.8	43	48	500	41.3
95720	4.1	0.09	74	79	572	5.95	30	204	74.9	62.3
95721	<0.5	0.01	25	24	626	12.8	14	36	281	35.2
95722	<0.5	0.01	33	28	765	>15	42	51	407	26.4
95723	<0.5	<0.01	19	24	571	>15	14	71	760	26.4
95724	<0.5	<0.01	16	25	601	>15	74	92	894	32.2
95725	<0.5	0.01	26	27	674	>15	58	79	584	28.1
95726	<0.5	0.01	36	38	410	>15	36	52	354	20.2
95727	0.8	0.02	53	32	567	9.78	20	32	258	32.9
95728	1.2	0.02	90	12	791	4.25	3	5	14.9	47.1
95729	0.7	0.01	44	31	241	1.96	7	8	5.7	24.1
95730	1.2	0.01	53	33	252	2.37	9	8	10.1	30.1
95731	1.7	0.04	27	46	258	1.52	9	25	19.6	30.3
95732	0.8	0.03	36	23	377	2.50	9	7	45.7	33.2
95733	0.8	0.04	26	82	238	1.46	7	21	7.2	26.6
95734	2.1	0.03	64	11	446	3.27	9	7	11.3	40.1
95735	1.1	0.03	31	19	260	3.02	15	21	68.7	35.7
95736	0.9	0.03	30	41	370	2.77	9	28	34.9	31.2
95737	1.3	0.02	32	26	356	3.42	13	35	61.2	33.7
95738	<0.5	0.01	40	38	279	3.60	19	41	62.7	30.9
95739	<0.5	0.01	68	68	258	1.98	5	26	9.0	19.2
95740	<0.5	<0.01	38	37	281	6.07	19	47	101	17.1
95741	0.8	0.02	43	44	429	7.23	19	49	103	25.1
95742	<0.5	0.01	58	42	274	5.89	32	54	103	14.4

SGS

Final : 086778

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
95743	0.8	0.02	50	52	296	4.32	14	44	119	15.8
95744	0.7	0.02	17	28	392	5.77	35	75	151	17.4
95745	2.2	0.04	25	62	159	1.51	20	69	112	26.2
95746	1.7	0.05	30	57	228	2.05	17	73	94.2	25.6
95747	1.8	0.08	57	76	513	4.83	27	109	68.0	31.5
95748	1.5	0.05	48	27	360	3.24	19	24	44.6	52.8
95749	2.0	0.03	47	28	191	3.14	25	23	174	39.6
95750	1.4	0.02	55	24	204	3.43	23	22	179	35.0
95751	2.7	0.02	18	31	159	1.78	10	1	33.1	21.9
95752	1.7	0.02	11	20	123	1.61	11	<1	51.8	16.9
95753	2.1	0.03	14	37	145	1.95	14	3	59.3	20.3
95754	3.6	0.04	23	7	182	2.65	18	2	84.3	23.1
95755	3.5	0.04	23	66	158	2.46	14	3	61.1	22.7
95756	3.8	0.05	32	59	270	2.97	18	15	59.5	29.1
95757	3.5	0.03	28	71	351	2.82	12	27	18.2	59.2
95758	1.8	0.02	19	67	270	2.26	10	27	16.6	42.5
95759	3.7	0.03	42	72	203	2.47	11	14	8.2	34.9
95760	3.5	0.02	66	53	193	1.98	8	11	8.2	27.7
95761	4.3	0.03	61	60	277	2.62	9	6	8.3	43.8
95762	3.6	0.03	65	51	255	2.74	10	10	8.0	39.6
95763	1.5	0.03	34	56	297	6.78	40	65	314	30.9
95764	1.4	0.02	37	59	262	3.72	21	50	149	27.6
95765	0.8	0.02	62	74	183	3.92	26	63	149	15.3
95766	1.9	0.02	58	72	215	4.62	29	45	139	32.9
95767	2.1	0.03	56	72	503	5.44	29	63	262	54.2
95768	1.3	0.02	86	151	195	11.2	63	192	524	36.7
95769	2.5	0.02	114	219	395	4.69	28	112	184	21.5
95770	2.9	0.03	97	184	274	2.20	28	132	69.0	12.2
95771	2.3	0.02	91	170	200	1.87	23	119	71.9	11.9
95772	2.8	0.02	99	160	193	2.61	30	121	148	18.0
95773	1.8	0.04	98	113	335	2.97	20	62	41.9	35.9
95774	1.7	0.03	75	97	272	2.52	18	62	46.6	33.7
95775	1.9	0.05	40	91	193	2.03	14	28	44.3	25.4
95776	1.7	0.04	106	111	218	2.52	20	71	53.3	34.0
95777	1.4	0.03	83	129	175	1.89	16	88	46.9	22.4
95778	6.9	0.17	98	119	744	3.50	31	178	65.4	41.0
95779	1.7	0.02	144	265	186	2.05	17	105	36.7	15.3
95780	2.2	0.02	148	266	287	4.07	41	173	211	19.1
95781	2.6	0.02	160	287	228	3.37	31	144	130	17.5
95782	1.1	0.02	146	291	123	2.42	26	143	125	52.2
95783	0.9	0.01	128	249	106	1.85	19	110	87.4	12.9
95784	1.6	0.02	136	287	193	1.96	23	132	70.9	13.6
95785	2.6	0.02	147	291	392	2.58	21	109	59.1	20.1
*Dup 95588	1.4	0.01	11	103	163	0.98	12	82	48.7	11.6
*Dup 94941	1.4	0.01	20	17	113	1.56	9	4	53.7	30.9
*Dup 95719	<0.5	0.01	37	25	415	>15	39	49	507	42.4
*Dup 95731	1.9	0.05	29	46	282	1.56	9	26	21.0	32.3
*Dup 95743	0.5	0.01	44	47	266	4.04	14	45	118	14.5

SGS

Final : 086778

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
*Dup 95755	2.5	0.04	20	58	147	2.29	14	3	61.0	20.7
*Dup 95767	1.4	0.02	49	67	464	5.21	29	64	255	54.2
*Dup 95779	1.3	0.02	138	260	175	1.87	17	99	34.6	13.3

SGS

Final : 086778

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
95588	<3	114	<0.5	0.6	1	<2	<1	<10	<5	7
95589	<3	96.9	<0.5	0.7	<1	<2	<1	<10	<5	6
95590	<3	53.0	<0.5	0.9	1	<2	<1	<10	<5	6
95591	<3	76.4	<0.5	1.6	<1	<2	<1	<10	<5	10
95592	<3	42.7	<0.5	<0.5	1	<2	<1	<10	<5	3
95593	<3	64.4	<0.5	1.0	1	<2	<1	<10	<5	4
95594	<3	60.4	<0.5	<0.5	1	<2	<1	<10	<5	3
94931	<3	13.2	8.1	2.2	1	<2	<1	<10	<5	41
94932	<3	14.2	9.1	1.7	1	<2	<1	<10	<5	37
94933	<3	12.9	7.3	2.0	<1	<2	<1	<10	<5	13
94939	<3	9.0	7.1	1.5	<1	<2	<1	<10	<5	<1
94940	<3	10.3	9.5	1.2	1	<2	<1	<10	<5	10
94941	<3	8.3	9.7	1.0	1	<2	<1	<10	<5	4
94942	<3	13.9	6.3	2.3	<1	<2	<1	<10	<5	35
94943	<3	10.5	7.9	1.7	1	<2	<1	<10	<5	13
95710	<3	11.1	8.7	1.3	<1	<2	<1	<10	<5	<1
95711	<3	13.7	9.4	2.6	1	<2	<1	<10	<5	<1
95712	<3	6.0	1.1	6.7	<1	<2	<1	<10	<5	5
95713	<3	7.9	2.4	3.2	1	<2	<1	<10	<5	48
95714	<3	8.3	2.3	9.3	<1	<2	<1	<10	8	14
95715	<3	11.2	5.3	4.0	<1	<2	<1	<10	<5	5
95716	<3	5.4	1.2	13.2	<1	<2	<1	<10	11	4
95717	<3	5.1	1.1	7.8	2	<2	<1	<10	7	1
95718	<3	7.5	1.0	4.4	<1	<2	<1	<10	<5	<1
95719	<3	11.9	1.4	7.3	<1	<2	<1	<10	7	3
95720	<3	336	6.2	37.5	2	<2	<1	<10	<5	389
95721	<3	13.7	1.3	6.8	<1	<2	<1	<10	6	8
95722	<3	19.1	1.7	8.6	<1	<2	<1	<10	8	9
95723	<3	8.7	1.0	10.4	<1	<2	<1	<10	9	7
95724	<3	9.9	0.8	13.8	<1	<2	<1	<10	10	5
95725	<3	9.7	0.9	11.4	<1	<2	<1	<10	9	5
95726	<3	11.8	0.9	7.7	<1	<2	<1	<10	7	6
95727	<3	17.9	1.3	5.4	<1	<2	<1	<10	<5	6
95728	<3	27.3	7.9	2.7	<1	<2	<1	<10	<5	6
95729	<3	16.4	6.5	1.3	<1	<2	<1	<10	<5	<1
95730	<3	20.7	8.6	1.6	<1	<2	<1	<10	<5	5
95731	<3	25.0	4.7	6.6	1	<2	<1	<10	<5	66
95732	<3	14.2	7.8	1.6	<1	<2	<1	<10	<5	61
95733	<3	13.2	3.9	4.5	1	<2	<1	<10	<5	64
95734	<3	21.5	8.0	2.1	1	<2	<1	<10	<5	26
95735	<3	18.6	6.5	1.8	<1	<2	<1	<10	<5	54
95736	<3	12.4	1.4	1.9	<1	<2	<1	<10	<5	17
95737	<3	14.2	1.6	2.0	1	<2	<1	<10	<5	17
95738	<3	20.6	1.3	2.0	<1	<2	<1	<10	<5	7
95739	<3	39.2	1.2	1.2	<1	<2	<1	<10	<5	7
95740	<3	38.2	1.1	3.3	<1	<2	<1	<10	<5	7
95741	<3	32.9	1.4	4.1	1	<2	<1	<10	<5	8
95742	<3	34.1	1.4	3.3	<1	<2	<1	<10	<5	10

SGS

Final : 086778

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
95743	<3	25.4	1.3	2.7	<1	<2	<1	<10	<5	7
95744	<3	15.2	1.5	3.4	<1	<2	<1	<10	<5	4
95745	<3	9.7	3.9	1.5	<1	<2	<1	<10	<5	10
95746	<3	13.4	3.7	1.9	<1	<2	<1	<10	<5	15
95747	<3	6.2	2.9	3.2	<1	<2	<1	<10	<5	3
95748	<3	15.3	6.6	2.2	1	<2	<1	<10	<5	4
95749	<3	14.8	7.5	2.1	1	<2	<1	<10	<5	22
95750	<3	11.2	7.2	2.0	1	<2	<1	<10	<5	22
95751	<3	12.8	9.3	1.2	1	<2	<1	<10	<5	22
95752	<3	9.0	8.3	1.0	1	<2	<1	<10	<5	15
95753	<3	10.3	7.4	1.5	1	<2	<1	<10	<5	29
95754	<3	14.1	10.1	1.7	1	<2	<1	<10	<5	46
95755	<3	14.2	9.6	1.8	1	<2	<1	<10	<5	33
95756	<3	10.6	8.4	2.5	1	<2	<1	<10	<5	16
95757	<3	13.0	4.0	2.1	1	<2	<1	<10	<5	13
95758	<3	14.9	2.4	1.5	1	<2	<1	<10	<5	33
95759	<3	14.0	7.2	1.7	1	<2	<1	<10	<5	21
95760	<3	12.4	9.7	1.4	1	<2	<1	<10	<5	13
95761	<3	16.5	8.9	2.0	1	<2	<1	<10	<5	40
95762	<3	17.7	7.3	2.1	1	<2	<1	<10	<5	19
95763	<3	17.3	3.0	4.3	1	<2	<1	<10	<5	8
95764	<3	16.8	1.9	2.6	1	<2	<1	<10	<5	4
95765	<3	24.8	1.5	2.8	1	<2	<1	<10	<5	6
95766	<3	28.7	3.3	2.8	1	<2	<1	<10	<5	12
95767	<3	24.9	3.3	3.1	<1	<2	<1	<10	<5	15
95768	<3	31.5	1.8	6.5	<1	<2	<1	<10	7	9
95769	<3	64.9	1.6	3.1	<1	<2	<1	<10	<5	10
95770	<3	69.6	1.4	1.7	1	<2	<1	<10	<5	11
95771	<3	55.2	1.1	1.2	<1	<2	<1	<10	<5	11
95772	<3	64.8	2.5	2.0	1	<2	<1	<10	<5	24
95773	<3	31.9	3.6	2.5	1	<2	<1	<10	<5	8
95774	<3	26.3	3.4	1.9	1	<2	<1	<10	<5	8
95775	<3	10.3	4.1	2.5	1	<2	<1	<10	<5	38
95776	<3	41.5	3.3	1.9	<1	<2	<1	<10	<5	16
95777	<3	114	2.7	5.3	1	<2	<1	<10	<5	82
95778	5	944	14.2	50.3	3	<2	<1	<10	<5	1000
95779	<3	122	1.1	1.8	1	<2	<1	<10	<5	31
95780	<3	101	0.8	2.7	<1	<2	<1	<10	<5	21
95781	<3	124	0.8	2.3	1	<2	<1	<10	6	25
95782	<3	117	<0.5	1.7	1	<2	<1	<10	9	20
95783	<3	108	<0.5	1.2	1	<2	<1	<10	<5	17
95784	<3	91.2	<0.5	1.3	1	<2	<1	<10	<5	14
95785	<3	67.5	0.8	1.6	<1	<2	<1	<10	<5	9
*Dup 95588	<3	119	0.5	0.8	1	<2	<1	<10	<5	8
*Dup 94941	<3	8.4	9.7	1.0	1	<2	<1	<10	<5	4
*Dup 95719	<3	13.2	1.4	7.2	<1	<2	<1	<10	7	4
*Dup 95731	<3	28.0	5.0	7.4	<1	<2	<1	<10	<5	78
*Dup 95743	<3	23.5	1.2	2.5	<1	<2	<1	<10	<5	11

SGS

Final : 086778

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
*Dup 95755	<3	14.0	9.1	1.8	<1	<2	<1	<10	<5	39
*Dup 95767	<3	23.5	3.0	2.9	<1	<2	<1	<10	<5	19
*Dup 95779	<3	113	0.9	1.6	<1	<2	<1	<10	<5	36

SGS

Final : 086778

Element	La	W	Pb	Bi	Li	S
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1	0.01
Units	PPM	PPM	PPM	PPM	PPM	%
95588	<0.5	<10	<2	<5	5	0.04
95589	0.6	<10	<2	<5	4	0.45
95590	1.3	<10	2	<5	6	0.30
95591	2.0	<10	3	<5	11	0.34
95592	0.9	<10	<2	<5	4	0.11
95593	0.9	<10	<2	<5	3	1.05
95594	0.7	<10	<2	<5	2	0.30
94931	8.6	<10	<2	<5	13	0.09
94932	4.9	<10	<2	<5	12	0.09
94933	4.2	<10	<2	<5	14	0.08
94939	4.0	<10	<2	<5	4	0.65
94940	4.2	<10	<2	<5	7	0.06
94941	4.3	<10	<2	<5	3	0.09
94942	4.0	<10	<2	<5	11	0.32
94943	4.9	<10	<2	<5	10	0.08
95710	5.4	<10	<2	<5	3	0.14
95711	6.4	<10	<2	<5	4	0.16
95712	1.1	<10	<2	<5	5	>5
95713	12.7	<10	3	<5	6	0.41
95714	0.9	<10	<2	<5	3	>5
95715	3.4	<10	<2	<5	7	1.46
95716	<0.5	<10	<2	<5	2	>5
95717	0.9	<10	2	<5	2	>5
95718	1.1	<10	<2	<5	2	3.82
95719	0.8	<10	<2	<5	3	>5
95720	17.0	<10	3	<5	12	1.23
95721	1.0	<10	<2	<5	3	>5
95722	0.8	<10	2	<5	4	>5
95723	<0.5	<10	<2	<5	2	>5
95724	<0.5	<10	<2	<5	<1	>5
95725	<0.5	<10	<2	<5	2	>5
95726	<0.5	<10	<2	<5	1	>5
95727	0.8	<10	2	<5	2	4.17
95728	5.4	<10	<2	<5	5	0.22
95729	5.0	<10	<2	<5	1	0.10
95730	5.8	<10	<2	<5	2	0.11
95731	7.1	<10	<2	<5	8	0.05
95732	5.3	<10	<2	<5	7	0.17
95733	7.1	<10	<2	<5	7	0.03
95734	5.5	<10	<2	<5	4	0.11
95735	5.4	<10	<2	<5	5	0.85
95736	2.9	<10	<2	<5	5	0.45
95737	1.9	<10	<2	<5	4	0.83
95738	1.6	<10	<2	<5	4	1.22
95739	1.5	<10	<2	<5	2	0.19
95740	1.2	<10	<2	<5	1	2.45
95741	1.3	<10	<2	<5	2	2.85
95742	1.3	<10	<2	<5	2	2.81

SGS

Final : 086778

Element	La	W	Pb	Bi	Li	S
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1	0.01
Units	PPM	PPM	PPM	PPM	PPM	%
95743	1.5	<10	<2	<5	2	1.66
95744	1.7	<10	<2	<5	5	3.31
95745	2.6	<10	<2	<5	4	0.14
95746	3.4	<10	<2	<5	7	0.12
95747	2.4	<10	<2	<5	21	0.22
95748	4.2	<10	<2	<5	14	0.19
95749	6.0	<10	<2	<5	6	0.80
95750	5.3	<10	<2	<5	7	1.03
95751	4.9	<10	<2	<5	5	0.22
95752	5.0	<10	<2	<5	4	0.33
95753	5.9	<10	<2	<5	4	0.46
95754	6.9	<10	<2	<5	4	0.64
95755	6.1	<10	<2	<5	5	0.47
95756	5.7	<10	<2	<5	13	0.41
95757	3.1	<10	<2	<5	8	0.12
95758	2.8	<10	<2	<5	7	0.09
95759	5.7	<10	<2	<5	4	0.05
95760	5.6	<10	<2	<5	2	0.05
95761	6.9	<10	<2	<5	4	0.06
95762	4.7	<10	<2	<5	8	0.05
95763	2.0	<10	<2	<5	3	3.13
95764	2.2	<10	<2	<5	3	1.40
95765	1.9	<10	<2	<5	2	1.59
95766	2.3	<10	<2	<5	3	1.74
95767	2.5	<10	<2	<5	6	0.89
95768	0.9	<10	2	<5	1	4.52
95769	0.9	<10	<2	<5	6	1.49
95770	0.7	<10	<2	<5	2	0.59
95771	<0.5	<10	<2	<5	2	0.40
95772	1.5	<10	<2	<5	3	0.78
95773	2.4	<10	<2	<5	14	0.20
95774	2.3	<10	<2	<5	9	0.10
95775	8.8	<10	2	<5	8	0.35
95776	2.1	<10	<2	<5	7	0.17
95777	5.4	<10	<2	<5	3	0.16
95778	57.8	<10	7	<5	24	0.19
95779	1.6	<10	3	<5	4	0.16
95780	0.8	<10	<2	<5	3	0.96
95781	0.9	<10	<2	<5	3	0.43
95782	1.0	<10	2	<5	2	0.41
95783	<0.5	<10	<2	<5	2	0.26
95784	0.9	<10	<2	<5	2	0.24
95785	1.0	<10	2	<5	5	0.20
*Dup 95588	0.6	<10	<2	<5	6	0.04
*Dup 94941	4.3	<10	<2	<5	3	0.09
*Dup 95719	0.8	<10	<2	<5	3	>5
*Dup 95731	7.7	<10	<2	<5	9	0.06
*Dup 95743	1.4	<10	<2	<5	2	1.80

Final : 086778

Element Method Det.Lim. Units	La ICP12B 0.5 PPM	W ICP12B 10 PPM	Pb ICP12B 2 PPM	Bi ICP12B 5 PPM	Li ICP12B 1 PPM	S ICP12B 0.01 %
*Dup 95755	5.5	<10	<2	<5	4	0.47
*Dup 95767	2.2	<10	<2	<5	6	0.87
*Dup 95779	1.0	<10	2	<5	3	0.16

SGS

Final : R3864P

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
94698	2	<10	<1	<0.5	0.03	1.01	1.68	0.06	0.21	1.72
94699	2	<10	<1	<0.5	0.03	1.52	2.22	0.04	0.24	1.47
94700	3	<10	<1	<0.5	0.18	0.74	2.54	0.04	0.27	8.40
94701	3	<10	<1	<0.5	0.18	2.11	3.01	0.04	0.13	4.04
94702	2	<10	<1	<0.5	0.14	1.73	2.97	0.07	0.33	2.30
94703	<1	<10	<1	<0.5	0.34	1.35	3.47	0.06	0.53	2.78
94704	3	<10	<1	<0.5	0.14	0.93	1.88	0.05	0.31	2.25
94705	3	<10	<1	<0.5	0.22	0.64	2.13	0.03	0.31	3.65
94706	3	<10	<1	<0.5	0.09	1.50	2.37	0.05	0.06	2.23
94707	2	<10	<1	<0.5	0.08	1.22	1.51	0.05	0.06	1.17
94708	3	<10	<1	<0.5	0.14	1.64	1.41	0.02	0.02	3.54
94709	5	<10	<1	1.1	0.06	3.09	2.67	0.02	0.06	4.32
94710	4	<10	<1	<0.5	0.07	1.80	1.52	<0.01	0.03	4.94
94711	5	<10	<1	<0.5	0.24	1.46	2.36	0.04	0.56	4.22
94712	11	<10	<1	0.6	0.05	3.07	4.07	0.05	2.17	4.31
94713	5	<10	<1	0.5	0.14	3.24	3.99	<0.01	2.08	5.21
94714	4	<10	1	<0.5	0.06	3.41	2.35	0.12	0.93	4.00
94715	5	<10	<1	0.5	0.08	2.06	1.91	0.18	0.92	2.50
94716	3	<10	<1	0.6	0.08	1.72	1.92	0.22	0.97	2.90
94717	3	<10	<1	<0.5	0.13	1.39	1.49	0.02	0.18	4.42
94718	2	<10	<1	<0.5	0.15	1.31	1.53	0.02	0.16	4.15
94719	<1	<10	<1	<0.5	0.16	1.59	1.97	0.02	0.29	4.09
94720	2	<10	2	<0.5	0.01	3.50	2.81	0.01	0.29	5.04
94721	4	<10	<1	<0.5	0.02	0.29	0.68	0.02	0.19	1.95
94722	4	<10	2	<0.5	0.04	0.37	0.83	0.04	0.26	2.45
94723	8	<10	<1	<0.5	0.09	0.45	1.13	0.03	0.22	1.55
94724	3	<10	<1	<0.5	0.06	0.48	0.99	0.05	0.27	1.34
94725	3	<10	<1	<0.5	0.05	0.29	0.78	0.03	0.20	0.81
94726	<1	<10	<1	<0.5	0.07	0.27	1.02	0.06	0.21	2.21
94727	<1	<10	<1	<0.5	0.04	0.70	1.33	0.04	0.37	4.32
94728	34	<10	<1	<0.5	0.02	0.28	0.91	0.04	0.39	2.28
94729	<1	<10	<1	<0.5	0.11	2.27	2.33	0.03	0.09	1.69
94730	<1	<10	3	<0.5	0.09	1.84	1.68	0.02	0.06	2.55
94731	<1	<10	2	<0.5	0.03	3.36	2.69	0.03	0.79	3.31
94732	2	<10	<1	<0.5	0.05	1.83	1.75	0.04	0.48	1.04
94733	2	<10	<1	1.2	0.05	1.01	1.02	0.04	0.44	0.20
94734	3	<10	<1	0.5	0.09	1.14	1.47	0.03	0.28	0.69
94735	4	<10	4	<0.5	0.04	2.94	2.20	0.03	0.76	0.22
94736	2	<10	4	<0.5	0.04	3.03	2.33	0.02	1.01	0.38
94737	<1	<10	2	<0.5	0.08	2.09	1.57	0.02	0.04	1.13
94738	4	<10	4	<0.5	<0.01	3.50	2.08	<0.01	<0.01	0.87
94739	<1	<10	<1	<0.5	<0.01	3.02	1.53	<0.01	<0.01	2.88
94740	3	<10	<1	<0.5	0.05	1.10	1.21	0.04	0.19	0.72
94741	6	<10	3	<0.5	0.22	1.06	1.70	0.03	0.17	1.93
94742	<1	10	18	<0.5	0.06	1.91	1.46	0.02	0.63	1.46
94743	<1	<10	<1	<0.5	0.09	0.96	1.52	0.04	0.61	1.03
94744	20	<10	<1	<0.5	0.03	0.53	0.93	<0.01	0.27	4.32
94745	<1	<10	<1	<0.5	<0.01	0.78	0.75	<0.01	0.46	3.30

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
94746	<1	<10	<1	<0.5	<0.01	0.32	0.12	<0.01	0.03	1.39
94747	<1	<10	<1	<0.5	<0.01	0.11	0.07	<0.01	0.03	0.66
94748	7	<10	<1	<0.5	<0.01	0.27	0.26	<0.01	0.05	1.27
94749	<1	<10	6	<0.5	<0.01	0.27	0.26	<0.01	0.04	1.22
94750	<1	<10	<1	<0.5	0.03	3.98	2.82	0.02	1.31	0.64
94751	<1	<10	<1	<0.5	0.07	0.61	0.82	0.04	0.49	0.90
94752	<1	<10	6	<0.5	0.04	0.43	0.57	0.04	0.41	1.72
94753	1	<10	3	<0.5	<0.01	5.87	2.48	0.03	<0.01	0.36
94754	<1	<10	16	<0.5	<0.01	3.76	0.78	<0.01	<0.01	2.39
94755	<1	<10	4	1.0	<0.01	4.14	1.65	<0.01	<0.01	0.42
94756	<1	<10	4	<0.5	0.28	1.12	2.43	0.03	0.16	4.07
94757	<1	<10	5	<0.5	0.26	1.33	2.93	0.03	0.10	4.79
94758	<1	<10	4	<0.5	0.32	1.25	2.92	0.02	0.32	3.66
94759	<1	<10	<1	<0.5	0.21	1.48	2.43	0.02	0.22	5.04
94760	2	<10	<1	<0.5	0.11	1.21	1.33	0.02	0.18	4.43
*Dup 94698	1	<10	<1	<0.5	0.03	0.97	1.64	0.06	0.21	1.63
*Dup 94710	2	<10	<1	<0.5	0.07	1.81	1.50	<0.01	0.03	4.71
*Dup 94722	4	<10	<1	<0.5	0.04	0.37	0.80	0.04	0.24	2.49
*Dup 94734	1	<10	<1	<0.5	0.09	1.14	1.42	0.04	0.27	0.67
*Dup 94746	<1	<10	<1	<0.5	<0.01	0.32	0.11	<0.01	0.03	1.37
*Dup 94758	2	<10	4	<0.5	0.33	1.32	3.00	0.02	0.34	3.82

SGS

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
94698	2.7	0.03	18	71	470	3.01	13	24	30.7	90.0
94699	5.7	<0.01	55	51	479	5.21	19	38	82.4	301
94700	7.1	0.07	52	77	811	2.85	12	25	65.2	52.2
94701	12.8	0.08	92	191	563	4.01	22	56	44.3	91.1
94702	9.7	0.15	68	140	440	3.49	18	62	50.7	165
94703	8.1	0.17	58	73	375	3.29	13	27	37.1	77.7
94704	6.2	0.12	46	81	272	2.49	13	24	26.8	134
94705	5.2	0.08	38	104	280	2.31	12	26	49.8	66.0
94706	7.3	0.07	56	78	480	3.04	12	27	12.6	51.4
94707	8.6	0.09	69	97	389	3.29	18	43	60.5	39.5
94708	13.5	0.04	83	58	759	3.37	17	27	109	28.1
94709	31.5	0.02	162	54	905	6.10	31	46	65.6	49.1
94710	16.2	0.02	86	142	748	3.29	17	41	105	22.6
94711	14.6	0.09	113	104	813	4.38	27	62	127	64.0
94712	15.8	0.19	126	152	850	5.03	22	55	70.4	114
94713	19.4	0.21	145	156	984	4.53	24	64	117	88.7
94714	11.1	0.14	85	362	783	4.14	29	203	33.0	69.8
94715	9.9	0.17	98	87	721	4.32	18	23	33.2	87.6
94716	6.5	0.14	83	45	687	4.64	18	18	19.3	125
94717	10.0	0.04	63	107	852	3.07	21	26	41.0	34.3
94718	9.3	0.04	59	101	779	2.73	19	24	44.8	35.1
94719	12.7	0.07	85	116	643	3.09	25	28	37.2	68.9
94720	17.6	0.02	94	618	1110	7.99	35	296	315	2950
94721	2.1	<0.01	5	81	216	4.63	28	102	173	1990
94722	2.3	0.01	13	77	267	3.92	28	76	148	2600
94723	3.3	0.04	21	85	327	6.76	32	85	268	2280
94724	3.5	0.05	22	79	362	3.25	24	60	96.1	984
94725	3.2	0.05	20	90	235	5.96	34	84	153	669
94726	3.0	0.07	21	92	339	2.44	15	33	41.5	883
94727	6.9	<0.01	28	120	350	3.94	25	88	142	710
94728	2.2	<0.01	6	67	180	3.42	24	52	130	518
94729	14.4	0.07	105	57	667	5.09	31	23	68.7	134
94730	11.1	0.06	72	326	589	3.40	23	93	176	64.1
94731	16.1	0.10	100	642	593	6.51	57	310	181	709
94732	9.7	0.09	70	261	350	6.78	63	211	421	856
94733	7.8	0.07	29	126	249	2.36	13	41	67.0	276
94734	10.8	0.11	54	171	334	5.34	46	176	221	2620
94735	8.2	0.13	94	577	451	6.23	48	239	241	343
94736	7.4	0.19	97	583	448	6.36	50	223	70.9	187
94737	6.6	0.07	47	335	393	3.13	29	200	75.2	72.2
94738	3.7	0.01	58	1220	243	2.79	44	561	31.8	30.4
94739	7.1	<0.01	44	1600	470	3.70	66	1220	64.4	70.3
94740	4.0	<0.01	16	82	186	3.61	13	42	62.7	699
94741	8.3	0.03	38	136	257	3.48	34	118	117	1220
94742	8.3	0.16	76	388	460	5.03	42	253	106	87.8
94743	6.2	0.07	49	99	569	6.75	24	84	83.6	255
94744	1.4	0.03	18	57	2560	--	24	58	137	199
94745	0.6	0.04	10	99	4160	10.7	9	25	56.6	97.8

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
94746	<0.5	<0.01	3	114	4220	9.27	8	23	46.2	62.4
94747	<0.5	<0.01	<2	116	1390	3.33	4	15	11.4	5.1
94748	0.8	0.01	8	86	1870	--	28	67	146	31.6
94749	0.7	0.01	7	81	1880	--	29	71	157	31.7
94750	8.5	0.15	100	918	742	4.57	41	384	8.3	157
94751	4.7	0.06	31	104	441	3.11	13	34	40.9	132
94752	2.5	0.04	14	94	479	2.03	12	37	41.3	185
94753	10.2	0.01	88	600	284	3.94	39	427	18.7	59.0
94754	5.8	<0.01	30	474	465	2.38	42	873	35.8	10.9
94755	6.8	0.01	56	894	162	2.53	48	928	75.3	30.4
94756	10.5	0.04	63	160	939	4.01	36	125	125	98.0
94757	8.1	0.04	50	130	912	3.70	38	101	106	80.8
94758	12.7	0.05	94	200	691	2.94	29	117	109	55.9
94759	15.0	0.05	91	168	1130	3.66	24	93	93.8	34.3
94760	10.1	0.05	65	136	863	2.59	18	70	95.3	25.6
*Dup 94698	2.8	0.03	18	71	475	2.98	13	24	29.5	86.9
*Dup 94710	15.4	0.02	86	141	746	3.16	17	42	102	22.7
*Dup 94722	2.3	<0.01	13	75	270	4.00	29	79	147	2560
*Dup 94734	10.1	0.10	54	168	335	5.25	45	174	219	2590
*Dup 94746	<0.5	<0.01	3	110	4200	9.23	8	24	44.8	69.4
*Dup 94758	12.0	0.05	93	193	756	3.07	28	118	116	57.4

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
94698	<3	16.6	7.1	4.0	3	<2	<1	<10	<5	34
94699	<3	13.5	8.6	6.0	2	<2	<1	<10	<5	32
94700	<3	92.6	8.3	0.8	2	<2	<1	<10	<5	81
94701	<3	52.6	7.9	1.7	2	<2	<1	<10	<5	40
94702	<3	45.7	9.5	6.4	2	<2	<1	<10	<5	77
94703	<3	73.4	10.0	2.7	2	<2	<1	<10	<5	118
94704	<3	33.2	8.1	2.7	3	<2	<1	<10	<5	63
94705	<3	65.5	5.7	0.6	2	<2	<1	<10	<5	57
94706	<3	30.0	6.6	3.1	2	<2	<1	<10	<5	21
94707	<3	16.5	6.9	4.8	2	<2	<1	<10	<5	23
94708	<3	10.6	5.7	0.7	2	<2	<1	<10	<5	<1
94709	<3	23.1	12.1	1.9	3	<2	<1	<10	<5	<1
94710	<3	25.7	6.6	1.0	2	<2	<1	<10	<5	<1
94711	8	41.7	8.6	1.7	2	<2	<1	<10	<5	190
94712	<3	35.9	8.5	4.4	2	<2	<1	<10	<5	553
94713	<3	68.1	8.9	3.1	2	<2	<1	<10	<5	746
94714	18	71.9	10.4	21.2	2	<2	<1	<10	<5	341
94715	3	92.4	11.5	15.2	2	<2	<1	<10	<5	769
94716	3	102	14.8	18.1	1	<2	<1	<10	<5	489
94717	<3	32.6	5.5	0.9	1	<2	<1	<10	<5	66
94718	5	34.9	5.7	0.7	2	<2	<1	<10	<5	58
94719	<3	28.7	4.9	1.1	2	<2	<1	<10	<5	87
94720	16	21.1	8.2	6.2	2	<2	6	<10	<5	12
94721	127	24.8	7.1	22.7	5	<2	3	<10	<5	16
94722	144	23.1	7.9	15.3	5	<2	4	<10	<5	29
94723	136	28.2	7.4	11.9	5	<2	3	<10	<5	31
94724	52	10.6	7.4	11.4	4	<2	1	<10	<5	34
94725	125	8.7	6.0	15.5	5	<2	<1	<10	<5	29
94726	19	15.8	6.5	6.9	3	<2	1	<10	<5	30
94727	10	33.2	7.7	16.1	4	<2	<1	<10	<5	42
94728	<3	17.9	5.6	17.4	5	<2	<1	<10	<5	53
94729	<3	17.7	6.3	3.4	3	<2	<1	<10	<5	10
94730	<3	20.7	4.7	1.0	2	<2	<1	<10	<5	3
94731	<3	24.8	7.7	5.5	3	<2	1	<10	<5	253
94732	<3	8.7	8.3	7.3	6	<2	3	<10	<5	299
94733	<3	3.9	4.5	11.9	4	<2	<1	<10	<5	242
94734	<3	7.6	6.7	7.0	8	<2	5	<10	<5	201
94735	<3	4.0	5.0	6.4	3	<2	<1	<10	<5	165
94736	<3	3.9	4.6	2.8	2	<2	<1	<10	<5	129
94737	<3	7.9	3.4	1.5	2	<2	<1	<10	<5	10
94738	87	3.0	0.8	1.0	1	<2	<1	<10	<5	<1
94739	<3	11.2	2.0	1.2	2	<2	<1	<10	<5	<1
94740	<3	5.2	9.3	13.1	3	<2	<1	<10	<5	73
94741	<3	20.9	7.6	6.9	8	<2	2	<10	<5	35
94742	<3	5.3	5.8	1.5	2	<2	<1	<10	<5	47
94743	<3	16.7	6.2	5.4	3	<2	<1	<10	<5	235
94744	<3	52.6	3.9	7.3	3	<2	<1	<10	<5	61
94745	<3	85.5	1.7	6.7	2	<2	<1	<10	<5	239

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
94746	<3	59.9	1.9	2.2	<1	<2	<1	<10	<5	19
94747	<3	22.3	0.8	1.3	<1	<2	<1	<10	<5	10
94748	<3	17.6	2.1	5.8	2	<2	<1	<10	<5	18
94749	<3	17.0	2.2	6.0	1	<2	<1	<10	<5	17
94750	<3	8.0	2.2	3.1	<1	<2	<1	<10	<5	397
94751	<3	7.2	4.4	6.5	4	<2	<1	<10	<5	181
94752	<3	12.5	5.5	8.0	3	<2	<1	<10	<5	77
94753	5	2.8	3.0	0.7	<1	<2	<1	<10	<5	<1
94754	3	51.0	2.1	<0.5	1	<2	<1	<10	<5	<1
94755	7	8.2	1.9	1.2	2	<2	<1	<10	<5	<1
94756	<3	33.9	6.6	1.0	2	<2	<1	<10	<5	54
94757	<3	52.1	6.8	1.0	2	<2	<1	<10	<5	24
94758	<3	35.5	5.8	0.6	2	<2	<1	<10	<5	73
94759	<3	25.2	6.2	<0.5	2	<2	<1	<10	<5	82
94760	<3	16.5	5.1	<0.5	2	<2	<1	<10	<5	87
*Dup 94698	<3	15.6	7.0	4.2	3	<2	<1	<10	<5	34
*Dup 94710	<3	25.0	6.4	0.7	2	<2	<1	<10	<5	<1
*Dup 94722	147	22.7	8.0	14.4	5	<2	4	<10	<5	29
*Dup 94734	<3	6.9	6.6	5.9	8	<2	5	<10	<5	202
*Dup 94746	<3	59.6	1.8	2.2	<1	<2	<1	<10	<5	18
*Dup 94758	<3	37.6	5.7	0.6	2	<2	<1	<10	<5	73

SGS

Final : R3582

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
94698	15.3	<10	3	<5	19
94699	14.3	<10	10	<5	30
94700	9.3	<10	<2	<5	10
94701	8.2	<10	<2	<5	15
94702	17.9	<10	4	<5	18
94703	14.7	<10	4	<5	17
94704	12.4	<10	<2	<5	13
94705	7.0	<10	<2	<5	11
94706	10.7	<10	<2	<5	12
94707	11.7	<10	<2	<5	11
94708	1.5	<10	<2	<5	10
94709	3.6	<10	<2	<5	22
94710	1.4	<10	<2	<5	11
94711	4.6	<10	<2	<5	14
94712	9.1	<10	9	<5	33
94713	11.0	<10	3	<5	38
94714	31.6	<10	5	<5	27
94715	42.2	<10	3	<5	30
94716	53.1	<10	7	<5	25
94717	2.8	<10	<2	<5	11
94718	3.2	<10	<2	<5	11
94719	2.0	<10	3	<5	14
94720	4.5	<10	39	<5	27
94721	13.8	<10	41	<5	3
94722	12.2	<10	29	<5	5
94723	9.8	<10	20	<5	9
94724	11.3	<10	11	<5	9
94725	11.3	<10	14	<5	6
94726	11.0	<10	9	<5	6
94727	12.8	<10	22	<5	7
94728	12.5	<10	8	<5	2
94729	5.8	<10	3	<5	16
94730	3.4	<10	<2	<5	19
94731	8.9	<10	5	<5	12
94732	12.2	<10	8	<5	12
94733	10.1	<10	10	<5	9
94734	11.2	<10	12	<5	12
94735	7.1	<10	6	<5	13
94736	4.1	<10	5	<5	12
94737	4.5	<10	<2	<5	9
94738	0.7	<10	<2	<5	1
94739	0.7	<10	<2	<5	3
94740	18.1	<10	5	<5	8
94741	13.0	<10	6	<5	7
94742	2.6	<10	3	<5	12
94743	11.6	<10	6	<5	12
94744	4.3	<10	14	<5	13
94745	3.2	<10	5	<5	6

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
94746	1.9	<10	3	<5	<1
94747	0.7	<10	<2	<5	<1
94748	2.2	<10	11	<5	3
94749	2.2	<10	12	<5	2
94750	4.6	<10	<2	<5	32
94751	16.7	<10	2	<5	11
94752	18.7	<10	4	<5	7
94753	1.2	<10	<2	<5	1
94754	<0.5	<10	<2	<5	<1
94755	1.1	<10	<2	<5	2
94756	3.1	<10	<2	<5	9
94757	3.4	<10	<2	<5	8
94758	2.3	<10	<2	<5	12
94759	1.2	<10	<2	<5	14
94760	1.2	<10	<2	<5	9
*Dup 94698	14.6	<10	3	<5	18
*Dup 94710	1.2	<10	<2	<5	11
*Dup 94722	12.3	<10	29	<5	5
*Dup 94734	10.8	<10	11	<5	11
*Dup 94746	1.8	<10	4	<5	<1
*Dup 94758	2.3	<10	<2	<5	13

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94761	<1	<10	<1	<0.5	0.05	0.85	0.96	0.02	0.17	3.15
RV94762	<1	<10	<1	<0.5	0.07	0.96	1.33	0.02	0.03	3.80
RV94763	3	<10	<1	<0.5	0.06	0.95	1.33	0.07	0.20	4.17
RV94764	2	<10	<1	<0.5	0.08	1.00	1.26	0.02	0.16	3.36
RV94765	15	<10	<1	<0.5	0.08	1.11	1.69	0.04	0.68	3.42
RV94766	757	<10	<1	<0.5	0.06	1.08	1.49	0.05	0.81	3.46
RV94767	7	<10	<1	<0.5	0.05	1.27	1.74	0.05	1.11	4.12
RV94768	9	<10	<1	<0.5	0.08	1.71	2.84	0.05	1.55	5.14
RV94769	182	<10	<1	<0.5	0.04	2.27	1.24	0.05	0.29	8.06
RV94770	16	<10	6	<0.5	0.02	4.36	2.67	0.02	0.16	7.14
RV94771	21	<10	<1	<0.5	0.04	2.23	2.23	0.02	0.29	4.59
RV94772	<1	<10	1	<0.5	0.02	0.27	0.54	0.03	0.18	4.19
RV94773	<1	<10	1	<0.5	0.02	0.35	0.55	0.03	0.17	3.16
RV94774	<1	<10	<1	<0.5	0.02	1.01	1.24	0.03	0.25	5.82
RV94775	<1	<10	<1	<0.5	0.02	0.23	0.57	0.05	0.22	2.75
RV94776	<1	<10	<1	<0.5	0.02	0.40	0.75	0.08	0.19	6.21
RV94777	<1	<10	<1	<0.5	0.04	0.82	0.95	0.04	0.11	2.00
RV94778	<1	<10	<1	<0.5	0.05	1.35	1.45	0.02	0.27	1.92
RV94779	<1	<10	<1	<0.5	0.04	1.23	1.28	0.01	0.05	1.98
RV94780	<1	<10	<1	<0.5	0.05	0.69	0.72	0.02	0.03	1.12
RV94781	2	10	13	<0.5	0.28	1.34	2.93	0.02	0.21	2.04
RV94782	<1	<10	4	<0.5	<0.01	15.0	0.56	<0.01	<0.01	0.27
RV94783	<1	<10	<1	<0.5	<0.01	>15	0.54	<0.01	<0.01	0.56
RV94784	<1	<10	4	0.6	<0.01	>15	0.50	<0.01	<0.01	1.23
RV94785	<1	<10	4	<0.5	<0.01	14.9	0.56	<0.01	<0.01	0.24
RV94786	<1	10	4	<0.5	<0.01	>15	0.52	<0.01	<0.01	0.43
RV94787	<1	<10	3	<0.5	<0.01	>15	0.44	<0.01	<0.01	0.18
RV94788	<1	<10	3	<0.5	<0.01	>15	0.50	<0.01	<0.01	0.21
RV94789	<1	10	6	<0.5	<0.01	>15	0.62	<0.01	<0.01	0.92
RV94790	<1	10	4	<0.5	<0.01	>15	0.63	<0.01	<0.01	0.74
RV94791	<1	<10	3	<0.5	<0.01	>15	0.55	<0.01	<0.01	0.46
RV94792	<1	<10	7	<0.5	0.02	11.6	1.09	0.01	0.02	3.09
RV94793	<1	<10	8	<0.5	<0.01	13.8	0.63	<0.01	<0.01	0.57
RV94794	<1	<10	7	<0.5	<0.01	10.0	0.82	<0.01	0.02	2.70
RV94795	<1	<10	5	<0.5	<0.01	9.81	0.82	<0.01	0.03	1.48
RV94796	<1	<10	8	<0.5	<0.01	10.4	0.73	<0.01	<0.01	0.52
RV94797	<1	<10	6	<0.5	<0.01	10.5	0.83	<0.01	0.01	2.65
RV94798	<1	<10	5	<0.5	<0.01	>15	0.69	<0.01	<0.01	0.74
RV94799	<1	<10	3	<0.5	<0.01	13.2	0.68	<0.01	<0.01	1.87
RV94800	<1	<10	6	<0.5	<0.01	>15	0.63	<0.01	<0.01	0.49
RV94801	<1	<10	3	<0.5	<0.01	>15	0.69	<0.01	<0.01	0.31
RV94802	<1	<10	3	<0.5	<0.01	14.0	0.57	<0.01	<0.01	1.30
RV94803	<1	<10	4	<0.5	<0.01	13.3	0.55	<0.01	<0.01	0.86
RV94804	<1	<10	3	<0.5	<0.01	>15	0.51	<0.01	<0.01	0.39
RV94805	<1	<10	2	<0.5	<0.01	>15	0.52	<0.01	<0.01	0.17
RV94806	1	<10	2	<0.5	<0.01	8.61	0.48	<0.01	<0.01	3.12
RV94807	<1	<10	<1	<0.5	0.09	0.88	1.01	0.04	0.02	2.62
RV94808	<1	<10	<1	<0.5	0.08	0.66	0.66	0.07	0.01	4.05

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94809	<1	<10	<1	<0.5	0.06	0.36	0.47	0.04	<0.01	1.52
RV94810	<1	<10	<1	<0.5	0.11	0.77	0.91	0.04	0.02	1.67
RV94811	<1	<10	<1	<0.5	0.06	0.57	0.59	0.04	<0.01	2.41
RV94812	<1	<10	<1	<0.5	0.05	0.69	0.57	0.03	0.01	2.58
RV94813	<1	<10	<1	<0.5	0.07	1.57	1.61	0.04	0.01	3.07
RV94814	<1	<10	<1	<0.5	0.08	0.90	1.19	0.03	0.03	2.92
RV94815	<1	<10	<1	<0.5	0.08	0.44	0.68	0.03	0.02	1.25
RV94816	<1	<10	<1	<0.5	0.06	0.52	0.64	0.03	0.02	2.69
RV94817	7	<10	<1	<0.5	0.06	0.76	1.24	0.05	0.34	1.00
RV94818	7	<10	<1	<0.5	0.06	0.66	1.04	0.07	0.27	0.86
RV94819	1	<10	<1	<0.5	0.06	0.58	1.11	0.04	0.36	0.75
RV94820	4	<10	<1	<0.5	0.06	0.56	1.15	0.03	0.34	0.58
RV94821	28	<10	<1	<0.5	0.01	0.21	0.13	0.01	0.01	0.90
RV94822	5	<10	<1	<0.5	0.01	0.09	0.23	0.02	0.02	1.80
RV94823	6	<10	<1	<0.5	0.02	0.11	0.28	0.02	0.01	0.62
RV94824	9	<10	<1	<0.5	0.05	0.36	0.82	0.03	0.11	0.56
RV94825	13	<10	<1	<0.5	0.08	0.36	0.88	0.03	0.12	0.97
RV94826	3	<10	<1	<0.5	0.07	0.85	1.78	0.04	0.26	0.84
RV94827	8	<10	<1	<0.5	0.09	0.55	1.26	0.04	0.08	1.00
RV94828	4	<10	<1	<0.5	0.05	0.53	1.02	0.04	0.29	0.87
RV94829	<1	<10	<1	<0.5	0.04	1.49	2.41	0.06	1.18	1.10
RV94830	<1	<10	<1	0.7	0.03	1.07	1.40	0.05	0.29	2.84
RV94831	<1	<10	<1	<0.5	0.04	0.39	0.79	0.02	0.27	0.59
RV94832	<1	<10	<1	<0.5	0.05	0.82	1.37	0.05	0.55	0.64
RV94833	1	<10	<1	<0.5	0.08	0.53	1.10	0.04	0.12	0.88
RV94834	45	<10	<1	<0.5	0.08	0.85	1.64	0.05	0.17	1.08
RV94835	4	<10	<1	<0.5	0.10	0.82	1.50	0.05	0.31	1.12
RV94836	6	<10	<1	<0.5	0.05	0.76	1.33	0.06	0.32	1.03
RV94837	49	<10	<1	<0.5	<0.01	0.84	0.06	<0.01	<0.01	1.94
RV94838	9	<10	<1	<0.5	<0.01	0.13	0.05	0.01	<0.01	0.39
RV94839	23	<10	<1	<0.5	<0.01	0.10	0.04	0.01	<0.01	1.78
RV94840	8	<10	3	<0.5	0.02	0.18	0.35	0.02	0.01	5.40
RV94841	2	<10	6	<0.5	0.03	0.38	0.58	0.04	0.02	0.95
RV94842	<1	10	10	<0.5	0.02	0.39	0.63	0.02	0.01	1.24
RV94843	<1	10	9	<0.5	0.06	0.75	1.06	0.04	0.08	2.52
RV94844	7	<10	1	<0.5	0.07	1.35	1.89	0.03	0.07	2.71
RV94845	<1	<10	3	<0.5	0.04	2.07	2.72	0.04	0.09	4.19
RV94846	<1	<10	8	<0.5	0.05	1.21	1.54	0.03	0.08	3.42
RV94847	<1	<10	4	<0.5	0.06	1.24	1.87	0.06	0.12	3.79
RV94848	<1	<10	3	<0.5	0.02	2.29	1.18	0.03	0.28	8.37
RV94849	<1	<10	4	<0.5	0.05	1.69	1.81	0.03	0.11	2.99
RV94850	<1	<10	6	<0.5	0.03	2.94	3.12	0.03	0.13	5.04
RV94851	<1	<10	4	<0.5	0.04	1.62	1.80	0.05	0.23	3.27
RV94852	<1	<10	<1	<0.5	0.06	0.96	1.36	0.06	0.50	0.89
RV94853	<1	<10	<1	<0.5	0.06	1.16	1.63	0.06	0.36	1.69
RV94854	<1	<10	<1	<0.5	0.03	1.20	0.73	0.06	0.26	3.70
RV94855	1	<10	<1	<0.5	0.04	1.34	1.54	0.04	0.09	1.10
RV94856	1	<10	<1	<0.5	0.05	0.45	0.89	0.04	0.08	1.38

SGS

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94857	<1	10	11	<0.5	0.05	0.32	0.60	0.02	0.04	1.18
RV94858	2	<10	<1	<0.5	0.05	0.44	0.93	0.05	0.06	0.98
RV94859	14	<10	<1	<0.5	0.09	0.31	0.57	0.01	0.13	2.57
RV94860	<1	<10	<1	<0.5	0.07	0.96	1.81	0.07	0.10	1.90
RV94861	<1	<10	<1	<0.5	0.04	0.36	1.04	0.02	0.14	0.92
RV94862	<1	<10	<1	<0.5	0.12	0.82	1.68	0.03	0.11	2.30
RV94863	<1	<10	<1	<0.5	0.08	0.88	1.78	0.03	0.08	1.65
RV94864	<1	<10	<1	<0.5	0.05	0.50	1.20	0.03	0.03	1.18
RV94865	<1	<10	<1	<0.5	0.05	0.92	1.95	0.04	0.09	2.02
RV94866	<1	<10	<1	<0.5	0.04	0.60	1.40	0.03	0.18	2.16
RV94867	<1	<10	<1	<0.5	0.05	0.69	1.37	0.04	0.11	1.44
RV94868	<1	<10	<1	<0.5	0.06	0.79	1.31	0.07	0.24	1.64
*Dup RV94761	<1	<10	<1	<0.5	0.04	0.77	0.87	0.02	0.17	2.89
*Dup RV94773	<1	<10	<1	<0.5	0.02	0.35	0.54	0.03	0.18	3.19
*Dup RV94785	<1			<0.5	<0.01	14.7	0.57	<0.01	<0.01	0.26
*Dup RV94797	<1	<10	5	<0.5	<0.01	9.98	0.79	<0.01	0.02	2.62
*Dup RV94809	<1	<10	<1	<0.5	0.05	0.36	0.42	0.04	<0.01	1.49
*Dup RV94821	24	<10	<1	<0.5	<0.01	0.22	0.13	0.01	<0.01	0.91
*Dup RV94833	<1	<10	<1	<0.5	0.07	0.51	1.05	0.04	0.13	0.83
*Dup RV94845	1	<10	3	<0.5	0.03	2.05	2.70	0.04	0.09	4.14
*Dup RV94857	2	10	12	<0.5	0.05	0.32	0.57	0.02	0.04	1.14

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94761	4.7	0.03	44	104	619	1.82	16	67	75.4	19.5
RV94762	4.4	0.02	35	87	729	1.95	13	51	108	18.2
RV94763	9.0	0.04	99	67	638	4.08	31	49	85.6	45.3
RV94764	7.7	0.03	66	104	491	2.24	21	77	95.8	21.1
RV94765	10.0	0.09	145	86	489	3.94	28	45	75.9	51.0
RV94766	7.5	0.09	131	74	380	4.26	31	50	132	48.0
RV94767	12.3	0.12	140	127	564	4.64	32	62	117	49.3
RV94768	17.5	0.18	170	130	763	5.54	33	69	102	63.4
RV94769	21.4	<0.01	59	59	1780	6.14	56	96	115	8.7
RV94770	15.1	0.01	77	700	980	5.53	48	503	85.0	138
RV94771	11.8	0.05	92	119	812	4.18	23	24	40.9	41.1
RV94772	1.7	<0.01	5	42	324	5.43	53	89	219	233
RV94773	1.0	<0.01	4	55	347	4.49	29	87	154	853
RV94774	11.5	<0.01	59	94	629	5.70	35	48	108	420
RV94775	2.1	<0.01	3	58	309	3.42	15	25	49.2	165
RV94776	3.8	<0.01	24	51	495	3.92	20	37	63.7	254
RV94777	3.7	0.03	33	115	229	2.45	18	37	76.7	63.6
RV94778	4.0	0.06	43	207	245	2.13	14	36	57.5	30.7
RV94779	4.2	0.04	42	158	238	1.99	14	31	43.8	29.2
RV94780	2.8	0.04	28	100	153	1.44	13	33	75.8	16.8
RV94781	2.4	0.07	92	82	260	3.42	26	111	60.5	36.6
RV94782	5.4	0.03	19	1240	532	6.66	86	1040	<0.5	20.8
RV94783	5.8	0.01	16	1120	599	5.61	86	1140	<0.5	23.6
RV94784	6.2	<0.01	15	929	1030	6.10	92	1090	<0.5	19.1
RV94785	5.4	0.01	17	1440	484	6.50	75	1110	<0.5	12.1
RV94786	7.4	0.02	19	1180	642	6.18	98	1270	<0.5	18.0
RV94787	7.0	0.01	13	610	597	5.83	87	1160	<0.5	18.6
RV94788	6.3	0.01	14	730	567	5.09	84	1100	0.7	16.7
RV94789	6.4	0.02	22	1620	750	4.24	61	919	<0.5	8.2
RV94790	5.8	0.01	18	1160	605	5.93	84	1130	<0.5	14.4
RV94791	6.1	0.01	19	1230	571	5.34	66	1130	<0.5	16.8
RV94792	6.6	0.02	33	1230	593	6.18	84	1070	21.1	21.3
RV94793	6.0	0.02	17	555	528	5.69	82	1120	<0.5	18.2
RV94794	5.4	<0.01	28	1080	1080	5.23	80	872	26.8	15.1
RV94795	5.8	<0.01	29	1290	953	4.74	76	768	14.8	16.1
RV94796	5.6	<0.01	20	905	491	6.31	55	1010	<0.5	11.7
RV94797	5.5	<0.01	28	1050	1020	5.14	80	869	26.3	16.7
RV94798	6.1	0.02	20	1320	858	6.11	93	1080	<0.5	32.6
RV94799	4.6	0.02	19	1530	965	7.05	77	938	<0.5	19.3
RV94800	5.6	0.02	18	1410	368	4.83	54	1000	<0.5	14.7
RV94801	6.9	0.01	20	1440	482	4.06	76	1140	<0.5	17.7
RV94802	4.7	0.02	20	1570	589	4.86	41	1050	<0.5	11.8
RV94803	5.2	0.03	21	1660	598	6.41	58	1070	<0.5	9.7
RV94804	6.5	0.02	19	1450	575	6.18	81	1180	<0.5	19.8
RV94805	6.2	0.03	16	1310	614	6.36	81	1110	<0.5	17.0
RV94806	4.4	<0.01	13	619	1160	4.69	60	563	28.0	9.3
RV94807	9.2	0.04	78	35	425	2.35	12	19	32.6	14.6
RV94808	6.6	0.03	58	27	581	1.68	7	8	22.3	15.9

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94809	4.1	0.02	34	18	281	1.46	13	13	142	10.5
RV94810	8.9	0.04	80	30	335	2.58	15	15	98.5	17.7
RV94811	5.8	0.03	54	19	387	1.73	8	10	24.6	13.2
RV94812	5.7	0.02	49	20	396	1.62	10	10	48.9	9.5
RV94813	12.0	0.03	106	36	632	4.21	19	18	128	16.9
RV94814	12.6	0.03	96	33	581	3.53	18	17	148	26.9
RV94815	6.2	0.03	55	24	242	1.81	12	13	87.0	12.0
RV94816	4.4	0.02	39	18	451	1.80	11	13	129	14.1
RV94817	3.8	0.08	48	87	336	2.76	14	48	99.2	33.6
RV94818	2.1	0.07	30	71	372	2.39	20	44	124	31.3
RV94819	1.5	0.07	31	59	468	7.80	10	30	70.7	36.7
RV94820	1.9	0.07	33	57	395	4.50	14	44	75.1	23.8
RV94821	<0.5	<0.01	6	17	703	>15	34	74	296	9.9
RV94822	<0.5	0.01	9	22	1090	>15	26	50	221	7.0
RV94823	<0.5	0.02	11	23	912	>15	25	60	269	8.5
RV94824	1.3	0.04	26	33	740	14.2	26	48	151	14.8
RV94825	0.6	0.02	30	32	1420	>15	25	42	137	18.6
RV94826	2.6	0.10	46	65	709	5.48	9	35	20.2	30.1
RV94827	2.0	0.04	26	52	956	9.25	8	36	64.0	24.7
RV94828	1.0	0.06	25	37	769	11.3	10	35	78.3	30.8
RV94829	4.1	0.16	65	94	930	5.47	17	65	<0.5	59.5
RV94830	7.8	0.02	41	65	1480	4.41	15	26	1.9	44.3
RV94831	1.2	0.06	16	58	288	1.57	4	7	<0.5	31.1
RV94832	1.8	0.11	38	45	436	2.85	14	30	30.9	34.1
RV94833	2.4	0.05	30	62	377	2.51	12	37	48.8	17.9
RV94834	3.6	0.06	43	64	428	2.85	11	21	31.3	29.2
RV94835	3.8	0.07	39	80	470	3.13	20	46	48.3	30.7
RV94836	2.4	0.08	35	68	1130	4.32	10	47	118	28.1
RV94837	<0.5	<0.01	4	14	1930	>15	18	100	740	12.9
RV94838	<0.5	<0.01	2	18	671	>15	14	87	348	16.7
RV94839	<0.5	<0.01	3	15	1500	>15	23	109	490	12.6
RV94840	1.1	0.03	10	44	1180	2.28	15	42	62.5	7.0
RV94841	1.9	0.06	22	46	320	1.94	25	56	92.0	18.2
RV94842	2.9	0.06	29	59	318	1.25	12	30	25.9	16.4
RV94843	5.8	0.10	57	70	545	2.32	12	30	11.7	32.4
RV94844	6.3	0.08	71	80	923	8.46	48	85	402	88.6
RV94845	11.0	0.07	100	199	1100	6.59	27	94	50.9	56.1
RV94846	9.5	0.05	73	117	698	3.60	23	101	18.4	32.7
RV94847	13.1	0.04	86	160	833	4.85	24	92	42.4	86.2
RV94848	21.8	<0.01	69	140	1590	6.40	25	128	8.7	81.2
RV94849	7.6	0.08	58	130	740	3.60	22	62	31.3	57.4
RV94850	10.3	0.15	85	189	1150	5.98	31	97	61.5	81.6
RV94851	6.2	0.14	78	159	685	3.87	22	64	59.7	56.8
RV94852	3.3	0.12	51	86	293	2.47	12	34	15.9	43.5
RV94853	4.2	0.11	58	96	474	3.90	18	51	120	45.7
RV94854	10.8	<0.01	36	48	737	4.37	18	29	48.4	53.2
RV94855	2.8	0.11	49	181	564	3.35	19	108	6.2	26.6
RV94856	1.4	0.04	20	43	784	12.6	50	86	195	25.2

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94857	3.5	0.08	30	116	188	1.25	8	29	20.9	7.9
RV94858	3.6	0.07	43	86	197	3.70	32	66	52.1	14.8
RV94859	<0.5	0.02	13	22	1150	11.8	8	83	382	19.2
RV94860	7.5	0.14	97	25	872	5.33	14	16	2.9	36.8
RV94861	3.1	0.09	24	47	425	2.97	5	5	10.4	25.8
RV94862	1.8	0.05	30	36	1400	7.83	11	39	112	42.3
RV94863	1.8	0.06	30	50	1060	7.23	13	39	88.6	57.5
RV94864	2.4	0.05	34	57	502	3.13	12	33	24.3	26.6
RV94865	7.0	0.07	66	71	879	5.06	22	47	33.1	50.2
RV94866	6.6	0.09	56	59	515	3.63	14	34	49.0	42.3
RV94867	5.3	0.08	52	80	451	3.07	12	31	14.4	43.8
RV94868	5.1	0.10	46	53	437	2.99	12	26	29.9	50.2
*Dup RV94761	4.3	0.03	41	100	596	1.75	15	62	77.3	18.4
*Dup RV94773	1.0	<0.01	4	53	357	4.28	28	86	147	822
*Dup RV94785	5.3	0.01	16	1330	493	6.18	73	1020	<0.5	13.6
*Dup RV94797	5.4	<0.01	27	1040	1010	4.84	76	842	26.1	15.8
*Dup RV94809	3.5	0.02	33	21	280	1.34	12	15	150	9.6
*Dup RV94821	<0.5	<0.01	7	15	667	>15	36	74	276	8.9
*Dup RV94833	1.8	0.04	26	57	354	2.29	11	36	49.8	16.8
*Dup RV94845	12.4	0.06	98	197	1110	6.44	26	94	53.2	52.2
*Dup RV94857	3.2	0.07	28	111	179	1.14	7	27	18.9	7.2

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94761	<3	9.4	3.0	1.3	<1	<2	<1	<10	<5	40
RV94762	<3	16.8	3.3	1.4	<1	<2	<1	<10	<5	7
RV94763	<3	25.2	9.9	3.0	<1	<2	<1	<10	<5	33
RV94764	22	18.9	2.9	1.5	<1	<2	<1	<10	<5	35
RV94765	9	22.3	5.6	2.5	<1	<2	<1	<10	<5	137
RV94766	<3	17.4	6.5	2.9	<1	<2	<1	<10	<5	135
RV94767	8	23.3	5.4	3.5	<1	<2	<1	<10	<5	198
RV94768	22	45.3	5.0	3.2	<1	<2	<1	<10	<5	342
RV94769	21	86.8	9.5	3.6	<1	<2	<1	<10	<5	34
RV94770	55	116	5.8	5.0	1	<2	<1	<10	<5	91
RV94771	<3	31.2	5.2	2.5	<1	<2	<1	<10	<5	101
RV94772	28	39.2	6.9	7.3	5	<2	<1	<10	<5	16
RV94773	15	29.2	7.0	7.7	7	<2	<1	<10	<5	14
RV94774	26	52.0	8.7	7.4	2	<2	<1	<10	<5	21
RV94775	25	25.9	7.8	8.9	3	<2	<1	<10	<5	21
RV94776	51	80.3	9.6	8.7	3	<2	<1	<10	<5	27
RV94777	8	14.3	3.1	2.9	1	<2	<1	<10	<5	36
RV94778	<3	14.1	2.1	1.4	<1	<2	<1	<10	<5	102
RV94779	<3	14.6	2.0	1.5	<1	<2	<1	<10	<5	13
RV94780	<3	7.3	1.7	1.2	<1	<2	<1	<10	<5	10
RV94781	<3	46.3	2.5	6.3	<1	<2	<1	<10	<5	61
RV94782	6	2.9	1.6	3.9	<1	<2	<1	<10	<5	1
RV94783	<3	1.8	1.3	3.6	<1	<2	<1	<10	<5	<1
RV94784	<3	19.8	2.0	5.4	<1	<2	<1	<10	<5	3
RV94785	14	1.6	1.5	3.5	<1	<2	<1	<10	<5	<1
RV94786	<3	2.2	1.4	4.2	<1	<2	<1	<10	<5	2
RV94787	<3	1.1	1.3	3.5	<1	<2	<1	<10	<5	<1
RV94788	<3	1.2	1.5	3.3	<1	<2	<1	<10	<5	<1
RV94789	3	3.0	1.5	2.5	<1	<2	<1	<10	<5	<1
RV94790	<3	2.9	1.1	3.5	<1	<2	<1	<10	<5	<1
RV94791	5	1.8	1.5	3.2	<1	<2	<1	<10	<5	<1
RV94792	<3	50.5	2.2	4.5	<1	<2	<1	<10	<5	8
RV94793	<3	2.1	1.5	3.9	<1	<2	<1	<10	<5	<1
RV94794	<3	65.6	1.6	2.9	<1	<2	<1	<10	<5	<1
RV94795	<3	27.7	1.6	2.6	<1	<2	<1	<10	<5	<1
RV94796	<3	1.1	1.7	3.6	<1	<2	<1	<10	<5	<1
RV94797	<3	79.7	1.3	2.8	<1	<2	<1	<10	<5	<1
RV94798	<3	4.8	1.4	4.1	<1	<2	<1	<10	<5	<1
RV94799	4	54.4	1.3	4.3	<1	<2	<1	<10	<5	16
RV94800	5	3.7	1.5	3.0	<1	<2	<1	<10	<5	<1
RV94801	<3	1.2	1.3	2.8	<1	<2	<1	<10	<5	<1
RV94802	16	14.7	1.4	2.6	<1	<2	<1	<10	<5	<1
RV94803	17	25.3	1.4	3.9	<1	<2	<1	<10	<5	<1
RV94804	<3	1.4	1.1	3.5	<1	<2	<1	<10	<5	<1
RV94805	<3	0.9	1.0	3.6	<1	<2	<1	<10	<5	<1
RV94806	<3	95.1	1.1	2.4	<1	<2	<1	<10	<5	<1
RV94807	<3	13.8	6.0	2.0	<1	<2	<1	<10	<5	12
RV94808	<3	16.8	8.8	1.5	<1	<2	<1	<10	<5	5

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94809	<3	5.5	4.3	1.4	<1	<2	<1	<10	<5	<1
RV94810	<3	8.1	6.6	2.4	<1	<2	<1	<10	<5	2
RV94811	<3	8.5	5.7	1.4	<1	<2	<1	<10	<5	<1
RV94812	<3	10.5	5.5	1.3	<1	<2	<1	<10	<5	<1
RV94813	<3	16.6	7.8	2.8	<1	<2	<1	<10	<5	<1
RV94814	<3	18.2	7.7	2.5	<1	<2	<1	<10	<5	<1
RV94815	<3	4.0	4.8	1.4	<1	<2	<1	<10	<5	<1
RV94816	<3	9.7	4.1	1.4	<1	<2	<1	<10	<5	<1
RV94817	<3	15.2	3.0	2.4	<1	<2	<1	<10	<5	137
RV94818	<3	18.8	1.9	2.5	1	<2	<1	<10	<5	164
RV94819	<3	17.0	1.3	4.9	<1	<2	<1	<10	<5	190
RV94820	<3	16.3	1.6	4.0	<1	<2	<1	<10	<5	174
RV94821	<3	6.8	1.5	14.6	<1	<2	<1	<10	8	4
RV94822	<3	15.9	1.6	9.6	<1	<2	<1	<10	<5	7
RV94823	<3	7.5	1.1	11.0	<1	<2	<1	<10	6	5
RV94824	<3	7.6	1.7	8.4	<1	<2	<1	<10	5	67
RV94825	<3	11.4	2.2	10.0	4	<2	<1	<10	6	142
RV94826	<3	16.2	2.2	3.8	2	<2	<1	<10	<5	143
RV94827	<3	11.0	1.4	5.8	1	<2	<1	<10	<5	20
RV94828	<3	13.2	1.2	6.4	<1	<2	<1	<10	<5	152
RV94829	<3	33.9	3.7	3.4	<1	<2	<1	<10	<5	584
RV94830	<3	71.5	7.8	3.8	2	<2	1	<10	<5	145
RV94831	<3	15.0	3.5	2.5	1	<2	<1	<10	<5	126
RV94832	<3	11.9	1.6	2.3	1	<2	<1	<10	<5	250
RV94833	<3	23.5	1.6	2.0	<1	<2	<1	<10	<5	62
RV94834	<3	23.4	4.4	2.4	1	<2	<1	<10	<5	91
RV94835	<3	18.3	2.5	3.2	2	<2	<1	<10	<5	172
RV94836	<3	15.8	1.4	4.0	<1	<2	<1	<10	<5	221
RV94837	<3	11.6	6.3	13.4	<1	<2	<1	<10	7	<1
RV94838	<3	2.5	3.2	12.3	<1	<2	<1	<10	7	3
RV94839	<3	15.3	7.1	14.1	<1	<2	<1	<10	8	2
RV94840	<3	37.5	2.0	2.2	<1	<2	<1	<10	<5	2
RV94841	<3	10.6	1.3	1.7	<1	<2	<1	<10	<5	2
RV94842	<3	18.1	1.4	1.6	<1	<2	<1	<10	<5	<1
RV94843	<3	15.9	2.8	2.0	<1	<2	<1	<10	<5	14
RV94844	<3	18.2	4.9	5.3	<1	<2	<1	<10	<5	57
RV94845	<3	43.3	7.2	4.2	3	<2	<1	<10	<5	141
RV94846	<3	40.7	3.4	3.1	<1	<2	<1	<10	<5	102
RV94847	<3	42.0	7.5	4.2	<1	<2	<1	<10	<5	57
RV94848	<3	91.9	10.8	4.6	<1	<2	<1	<10	<5	85
RV94849	<3	27.2	4.5	2.4	3	<2	<1	<10	<5	202
RV94850	<3	27.9	5.3	3.5	1	<2	<1	<10	<5	39
RV94851	<3	21.1	4.1	2.9	7	<2	<1	<10	<5	60
RV94852	<3	14.9	3.3	3.1	<1	<2	<1	<10	<5	184
RV94853	<3	21.8	3.0	3.4	1	<2	<1	<10	<5	101
RV94854	<3	63.8	5.6	4.5	<1	<2	<1	<10	<5	268
RV94855	<3	7.6	3.7	3.3	<1	<2	<1	<10	<5	30
RV94856	<3	11.5	3.9	7.9	1	<2	<1	<10	<5	82

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94857	<3	11.3	2.6	2.1	<1	<2	<1	<10	<5	5
RV94858	<3	19.7	2.4	3.3	<1	<2	<1	<10	<5	8
RV94859	<3	20.9	2.1	6.2	<1	<2	<1	<10	<5	120
RV94860	<3	17.8	8.1	4.0	<1	<2	<1	<10	<5	8
RV94861	<3	13.4	17.8	6.0	1	<2	<1	<10	<5	32
RV94862	<3	19.4	2.9	4.9	<1	<2	<1	<10	<5	93
RV94863	<3	20.5	2.2	4.5	<1	<2	<1	<10	<5	39
RV94864	<3	65.5	2.1	3.5	<1	<2	<1	<10	<5	90
RV94865	<3	33.4	4.0	4.4	<1	<2	<1	<10	<5	240
RV94866	<3	29.7	4.7	3.6	<1	<2	<1	<10	<5	53
RV94867	<3	39.8	3.8	3.6	1	<2	<1	<10	<5	17
RV94868	<3	22.8	5.4	3.4	<1	<2	<1	<10	<5	59
*Dup RV94761	<3	9.7	2.8	1.1	<1	<2	<1	<10	<5	39
*Dup RV94773	18	28.3	6.9	7.5	7	<2	<1	<10	<5	13
*Dup RV94785	12	1.7	1.5	3.6	<1	<2	<1	<10	<5	<1
*Dup RV94797	<3	77.5	1.3	3.0	<1	<2	<1	<10	<5	<1
*Dup RV94809	<3	5.7	3.9	1.2	<1	<2	<1	<10	<5	<1
*Dup RV94821	<3	5.9	1.5	14.8	<1	<2	<1	<10	7	3
*Dup RV94833	<3	23.0	1.3	1.8	<1	<2	<1	<10	<5	57
*Dup RV94845	<3	43.5	8.1	4.9	4	<2	<1	<10	<5	141
*Dup RV94857	<3	10.6	2.3	1.8	<1	<2	<1	<10	<5	5

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94761	1.4	<10	<2	<5	8
RV94762	0.8	<10	<2	<5	8
RV94763	6.0	<10	<2	<5	9
RV94764	1.5	<10	<2	<5	8
RV94765	3.4	<10	<2	<5	9
RV94766	3.6	<10	<2	<5	8
RV94767	5.0	<10	<2	<5	10
RV94768	2.0	<10	<2	<5	11
RV94769	1.7	<10	11	<5	5
RV94770	3.8	<10	4	<5	21
RV94771	2.3	<10	<2	<5	21
RV94772	7.0	<10	9	<5	2
RV94773	9.5	<10	6	<5	5
RV94774	7.4	<10	17	<5	8
RV94775	16.5	<10	6	<5	2
RV94776	17.3	<10	6	<5	3
RV94777	5.2	<10	<2	<5	13
RV94778	2.2	<10	<2	<5	17
RV94779	1.5	<10	<2	<5	22
RV94780	1.6	<10	<2	<5	9
RV94781	2.2	<10	<2	<5	4
RV94782	<0.5	10	<2	<5	<1
RV94783	<0.5	<10	<2	<5	<1
RV94784	<0.5	<10	<2	<5	2
RV94785	<0.5	10	<2	<5	<1
RV94786	<0.5	10	<2	<5	<1
RV94787	<0.5	<10	<2	<5	<1
RV94788	<0.5	<10	<2	<5	<1
RV94789	<0.5	10	<2	<5	<1
RV94790	<0.5	<10	<2	<5	<1
RV94791	<0.5	10	<2	<5	<1
RV94792	3.1	<10	<2	<5	3
RV94793	<0.5	<10	<2	<5	1
RV94794	<0.5	<10	<2	<5	4
RV94795	<0.5	10	<2	<5	3
RV94796	<0.5	<10	<2	<5	1
RV94797	<0.5	<10	<2	<5	6
RV94798	<0.5	10	<2	<5	<1
RV94799	<0.5	10	<2	<5	<1
RV94800	<0.5	10	<2	<5	<1
RV94801	<0.5	10	<2	<5	<1
RV94802	<0.5	10	<2	<5	<1
RV94803	<0.5	20	<2	<5	<1
RV94804	<0.5	10	<2	<5	<1
RV94805	<0.5	10	<2	<5	<1
RV94806	<0.5	<10	<2	<5	1
RV94807	1.1	<10	<2	<5	7
RV94808	2.1	<10	<2	<5	5

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94809	1.5	<10	<2	<5	4
RV94810	1.7	<10	<2	<5	5
RV94811	1.5	<10	<2	<5	4
RV94812	1.5	<10	<2	<5	5
RV94813	1.8	<10	<2	<5	10
RV94814	2.2	<10	<2	<5	11
RV94815	1.1	<10	<2	<5	3
RV94816	1.6	<10	<2	<5	3
RV94817	14.1	<10	<2	<5	13
RV94818	15.1	<10	<2	<5	9
RV94819	8.7	<10	<2	<5	9
RV94820	8.4	<10	<2	<5	8
RV94821	0.9	<10	<2	<5	<1
RV94822	1.8	<10	<2	<5	<1
RV94823	2.4	<10	<2	<5	1
RV94824	5.6	<10	<2	<5	5
RV94825	5.1	<10	<2	<5	2
RV94826	9.0	<10	<2	<5	16
RV94827	10.1	<10	<2	<5	8
RV94828	8.6	<10	<2	<5	7
RV94829	16.9	<10	<2	<5	23
RV94830	14.9	<10	4	<5	24
RV94831	18.5	<10	<2	<5	7
RV94832	10.7	<10	<2	<5	13
RV94833	9.8	<10	<2	<5	10
RV94834	12.2	<10	2	<5	19
RV94835	12.8	<10	<2	<5	13
RV94836	13.3	<10	<2	<5	12
RV94837	<0.5	<10	<2	<5	<1
RV94838	4.1	<10	<2	<5	<1
RV94839	5.7	<10	<2	<5	<1
RV94840	28.7	<10	<2	<5	1
RV94841	0.8	<10	<2	<5	5
RV94842	<0.5	<10	<2	<5	6
RV94843	2.2	<10	<2	<5	10
RV94844	4.9	<10	4	<5	13
RV94845	5.9	<10	<2	<5	21
RV94846	0.7	<10	<2	<5	11
RV94847	8.0	<10	<2	<5	12
RV94848	3.8	<10	<2	<5	10
RV94849	2.5	<10	<2	<5	21
RV94850	2.1	<10	<2	<5	48
RV94851	8.5	<10	<2	<5	23
RV94852	15.6	<10	<2	<5	14
RV94853	15.9	<10	<2	<5	14
RV94854	10.0	<10	<2	<5	5
RV94855	4.6	<10	<2	<5	24
RV94856	6.5	<10	<2	<5	4

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94857	0.7	<10	<2	<5	3
RV94858	3.2	<10	<2	<5	8
RV94859	0.9	<10	<2	<5	2
RV94860	9.0	<10	<2	<5	17
RV94861	26.6	<10	<2	<5	14
RV94862	9.0	<10	<2	<5	8
RV94863	7.7	<10	<2	<5	15
RV94864	8.2	<10	<2	<5	9
RV94865	7.0	<10	<2	<5	18
RV94866	7.6	<10	<2	<5	22
RV94867	8.8	<10	<2	<5	14
RV94868	12.1	<10	<2	<5	17
*Dup RV94761	1.2	<10	<2	<5	8
*Dup RV94773	8.7	<10	6	<5	6
*Dup RV94785	<0.5	10	<2	<5	<1
*Dup RV94797	<0.5	<10	<2	<5	6
*Dup RV94809	0.9	<10	<2	<5	4
*Dup RV94821	0.9	<10	<2	<5	<1
*Dup RV94833	8.9	<10	<2	<5	10
*Dup RV94845	7.1	<10	<2	<5	24
*Dup RV94857	0.6	<10	<2	<5	3

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94869	1	<10	<1	<0.5	0.07	0.96	1.30	0.04	0.19	1.50
RV94870	7	<10	<1	<0.5	0.07	0.64	1.08	0.04	0.15	1.68
RV94871	2	<10	<1	0.5	0.08	1.09	1.36	0.05	0.31	1.78
RV94934	1	<10	<1	<0.5	0.08	1.61	2.81	0.32	0.15	1.98
RV94935	2	<10	<1	<0.5	0.07	1.93	3.10	0.28	0.21	2.32
RV94936	<1	<10	<1	<0.5	0.10	0.75	1.45	0.18	0.05	1.59
RV94937	1	<10	<1	<0.5	0.07	1.15	1.89	0.22	0.04	2.12
RV94938	1	<10	<1	<0.5	0.07	0.93	1.55	0.17	0.08	1.78
RV94872	<1	<10	<1	<0.5	0.07	0.33	0.63	0.05	0.10	0.52
RV94873	<1	<10	<1	<0.5	0.08	1.23	1.90	0.29	0.06	1.61
RV94874	7	<10	<1	<0.5	0.08	0.64	1.09	0.04	0.05	0.68
RV94875	15	<10	<1	<0.5	0.07	0.83	1.34	0.19	0.06	0.83
RV94876	8	<10	<1	<0.5	0.07	0.90	1.48	0.11	0.09	0.72
RV94877	4	<10	<1	<0.5	0.08	0.68	1.27	0.11	0.05	1.07
RV94878	<1	<10	<1	<0.5	0.09	0.96	1.62	0.03	0.03	1.53
RV94879	9	<10	<1	<0.5	0.05	1.37	2.46	0.03	0.06	2.28
RV94880	7	<10	1	<0.5	0.05	1.64	2.53	0.05	0.03	3.19
RV94881	7	<10	<1	<0.5	0.07	1.29	1.71	0.08	0.04	1.00
RV94882	<1	<10	<1	<0.5	0.05	2.26	2.08	0.15	0.39	4.25
RV94883	<1	<10	<1	<0.5	0.07	0.59	0.83	0.08	0.02	0.81
RV94884	<1	<10	<1	<0.5	0.04	2.65	2.93	0.08	<0.01	2.45
RV94885	<1	<10	<1	<0.5	0.15	1.50	2.19	0.15	0.03	1.33
RV94886	<1	<10	<1	<0.5	0.10	0.90	1.28	0.08	0.12	1.08
RV94887	1	<10	<1	<0.5	0.10	1.03	1.91	0.11	0.04	1.31
RV94888	<1	<10	<1	<0.5	0.05	1.03	1.73	0.09	0.01	1.46
RV94889	<1	<10	<1	<0.5	0.10	1.22	2.14	0.08	0.04	1.24
RV94890	6	<10	<1	1.0	0.09	1.57	2.34	0.02	0.03	0.82
RV94891	1	<10	<1	<0.5	0.13	0.76	1.71	0.12	0.04	1.11
RV94892	2	<10	<1	<0.5	0.09	1.18	1.89	<0.01	0.06	0.76
RV94893	<1	<10	<1	<0.5	0.14	0.62	1.48	0.03	0.03	0.91
RV94894	<1	<10	<1	<0.5	0.14	0.76	1.76	0.19	0.06	1.40
RV94895	2	<10	<1	<0.5	0.09	1.07	1.69	0.08	0.03	1.19
RV94896	<1	<10	<1	1.0	0.13	3.62	2.84	0.20	0.84	6.72
RV94897	<1	<10	1	<0.5	0.10	2.34	2.80	0.04	0.05	1.21
RV94898	<1	<10	1	<0.5	0.14	1.92	2.69	0.03	0.07	1.23
RV94947	2	<10	6	<0.5	0.20	0.87	2.76	0.02	0.03	1.89
RV94948	<1	<10	5	<0.5	0.08	1.88	2.51	0.02	0.05	2.52
RV94949	<1	<10	5	<0.5	0.08	1.47	1.88	0.04	0.03	1.36
RV94950	8	<10	2	<0.5	0.05	2.20	2.42	0.06	0.02	1.66
RV94953	6	<10	<1	<0.5	0.12	0.71	1.28	0.15	0.02	1.14
RV94954	<1	<10	<1	<0.5	0.07	0.63	1.01	0.13	0.01	0.71
RV94955	<1	<10	6	<0.5	0.26	0.51	2.18	<0.01	0.02	2.01
RV94956	12	<10	3	<0.5	0.17	0.51	1.45	<0.01	0.02	1.34
RV94957	25	<10	<1	<0.5	0.34	0.38	2.84	0.03	0.03	2.05
RV94963	<1	<10	<1	<0.5	0.08	0.50	0.73	0.02	0.19	1.90
RV94964	4	<10	<1	<0.5	0.09	1.11	1.29	0.14	0.04	2.45
RV94965	<1	<10	<1	<0.5	0.10	1.03	1.14	0.15	0.07	2.33
RV94966	<1	<10	<1	<0.5	0.06	3.41	2.58	0.15	0.05	1.68

Element	Au	Pt	Pd	Be	Na	Mg	Al	P	K	Ca
Method	FAI30P	FAI30P	FAI30P	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	1	10	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01
Units	PPB	PPB	PPB	PPM	%	%	%	%	%	%
RV94967	<1	<10	2	1.1	0.03	4.98	3.54	0.20	0.63	8.24
RV94968	<1	<10	2	0.6	0.02	4.52	1.93	0.09	0.78	8.50
RV94969	<1	<10	2	1.0	0.02	6.59	3.58	0.20	1.35	9.20
RV94970	<1	<10	2	0.9	0.02	6.85	3.74	0.21	1.40	9.34
RV94971	<1	<10	<1	0.7	0.02	5.03	2.78	0.17	0.71	11.3
*Dup RV94869	<1	<10	<1	<0.5	0.07	0.98	1.34	0.04	0.19	1.52
*Dup RV94876	9	<10	<1	<0.5	0.07	0.94	1.53	0.11	0.09	0.77
*Dup RV94888	<1	<10	<1	<0.5	0.04	1.02	1.77	0.09	0.01	1.51
*Dup RV94948	<1	<10	5	<0.5	0.08	1.84	2.49	0.02	0.04	2.54
*Dup RV94967	<1	<10	2	1.1	0.03	5.12	3.64	0.20	0.64	8.27

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94869	5.6	0.09	55	87	402	2.65	14	45	50.5	38.0
RV94870	5.7	0.07	56	65	332	2.05	10	28	42.6	41.0
RV94871	9.2	0.09	58	90	383	2.64	15	40	56.5	43.4
RV94934	11.5	0.08	116	26	414	5.70	27	15	84.2	86.9
RV94935	15.0	0.10	132	36	506	6.09	25	20	114	100
RV94936	5.2	0.05	103	40	254	3.06	13	15	27.7	49.3
RV94937	6.3	0.07	93	43	371	4.03	22	14	60.3	62.1
RV94938	5.1	0.07	61	44	279	3.26	14	11	36.2	48.5
RV94872	1.4	0.04	16	73	112	1.03	2	7	2.8	15.5
RV94873	5.4	0.06	35	31	326	2.94	10	12	10.4	47.1
RV94874	1.8	0.03	18	105	227	2.08	7	16	42.3	36.8
RV94875	5.0	0.04	44	29	232	3.64	15	15	117	43.8
RV94876	3.8	0.05	30	87	295	3.18	10	12	53.4	46.1
RV94877	2.6	0.04	16	52	287	3.50	16	18	108	35.3
RV94878	2.1	0.03	36	78	339	2.67	9	25	3.7	44.3
RV94879	1.6	0.03	35	41	677	5.39	11	19	64.9	733
RV94880	3.8	0.04	70	100	636	5.58	30	57	125	396
RV94881	2.7	0.05	38	59	328	2.94	24	32	467	52.5
RV94882	3.1	0.08	60	130	595	3.22	22	62	110	51.0
RV94883	2.5	0.03	27	42	169	1.40	7	9	10.5	22.7
RV94884	2.7	0.07	62	100	555	4.14	25	33	4.8	50.1
RV94885	2.6	0.04	33	43	321	3.79	28	29	243	47.6
RV94886	2.6	0.07	34	88	231	2.03	11	32	49.9	41.7
RV94887	3.9	0.07	73	35	444	4.30	25	30	138	38.0
RV94888	2.3	0.06	41	105	427	2.86	11	21	4.7	45.0
RV94889	2.3	0.03	47	37	462	3.25	14	15	16.4	79.6
RV94890	5.2	0.03	26	47	548	10.4	97	52	345	52.4
RV94891	5.1	0.03	8	54	435	3.28	11	10	27.6	45.4
RV94892	3.4	0.04	52	91	309	3.36	24	46	79.2	438
RV94893	2.9	0.03	18	102	242	2.37	9	20	49.4	66.3
RV94894	4.7	0.06	72	45	348	3.24	9	11	3.0	83.6
RV94895	3.2	0.06	42	50	304	2.68	15	17	124	35.3
RV94896	8.3	0.25	117	130	636	4.67	34	143	125	78.4
RV94897	1.6	0.16	86	84	475	4.61	29	80	151	64.5
RV94898	1.9	0.14	93	53	367	4.18	26	73	98.8	51.8
RV94947	2.7	0.06	76	138	241	2.73	25	102	134	44.4
RV94948	3.1	0.06	50	109	382	3.27	26	86	77.0	58.8
RV94949	3.1	0.05	45	92	312	3.12	33	94	95.7	69.7
RV94950	3.2	0.04	51	73	433	6.56	39	81	104	109
RV94953	3.6	0.04	33	58	238	2.96	36	26	344	34.9
RV94954	2.4	0.02	14	35	149	2.53	29	14	386	19.8
RV94955	5.3	0.07	52	109	284	1.74	10	60	21.7	16.4
RV94956	3.1	0.03	37	61	337	6.96	70	98	521	19.2
RV94957	1.5	0.03	81	27	247	6.23	48	48	472	22.1
RV94963	2.8	0.04	29	49	260	1.38	7	6	33.4	18.5
RV94964	7.6	0.06	64	60	318	2.43	17	28	48.7	38.6
RV94965	5.8	0.06	55	44	312	2.36	26	39	97.9	38.8
RV94966	17.5	0.06	125	50	370	4.37	27	41	86.1	54.2

Element	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
Units	PPM	%	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
RV94967	25.6	0.16	228	556	1080	5.77	38	117	86.0	83.2
RV94968	12.3	0.12	133	407	1320	4.06	27	164	3.5	61.6
RV94969	25.5	0.19	226	1180	1520	6.13	41	171	2.2	107
RV94970	25.5	0.19	228	1210	1570	6.17	42	174	2.2	108
RV94971	18.7	0.13	171	545	1370	4.95	40	237	7.2	88.9
*Dup RV94869	5.8	0.10	55	86	420	2.59	15	47	49.9	37.4
*Dup RV94876	4.0	0.06	30	83	309	3.16	11	13	54.4	45.3
*Dup RV94888	2.3	0.08	41	84	430	2.79	11	20	3.2	44.5
*Dup RV94948	3.1	0.06	49	107	375	3.22	26	86	76.7	57.9
*Dup RV94967	25.7	0.16	227	552	1110	5.84	38	114	78.2	83.5

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94869	<3	18.2	4.1	1.7	3	<2	<1	<10	<5	43
RV94870	<3	20.9	4.5	1.7	3	<2	<1	<10	<5	45
RV94871	<3	14.6	7.6	2.0	3	<2	<1	<10	<5	81
RV94934	<3	15.6	13.2	3.5	2	<2	<1	<10	<5	56
RV94935	<3	16.7	13.9	3.8	2	<2	<1	<10	<5	88
RV94936	<3	15.2	7.4	1.9	2	<2	<1	<10	<5	22
RV94937	<3	16.2	8.1	3.8	2	<2	<1	<10	<5	18
RV94938	<3	18.4	7.3	3.7	2	<2	<1	<10	<5	38
RV94872	<3	11.6	5.3	5.6	3	<2	<1	<10	<5	46
RV94873	<3	19.0	9.3	1.0	2	<2	<1	<10	<5	29
RV94874	<3	11.0	2.4	0.9	3	<2	<1	<10	<5	25
RV94875	<3	13.4	7.7	1.5	2	<2	<1	<10	<5	31
RV94876	<3	14.3	6.2	2.9	3	<2	<1	<10	<5	44
RV94877	<3	15.1	5.7	1.0	2	<2	<1	<10	<5	17
RV94878	<3	11.3	1.6	<0.5	2	<2	<1	<10	<5	11
RV94879	<3	9.8	1.0	0.8	2	<2	2	<10	<5	32
RV94880	<3	12.0	2.7	1.4	3	<2	2	<10	<5	6
RV94881	<3	16.5	2.7	0.7	1	<2	<1	<10	<5	8
RV94882	<3	115	5.9	2.4	2	<2	<1	<10	<5	117
RV94883	<3	9.2	3.9	0.8	1	<2	<1	<10	<5	6
RV94884	<3	24.6	2.6	0.7	2	<2	<1	<10	<5	4
RV94885	<3	32.7	5.5	0.7	2	<2	<1	<10	<5	8
RV94886	<3	17.3	4.0	9.4	2	<2	<1	<10	<5	52
RV94887	<3	23.9	4.9	1.5	2	<2	<1	<10	<5	13
RV94888	<3	22.9	3.1	1.7	3	<2	<1	<10	<5	6
RV94889	<3	15.6	2.7	0.7	2	<2	<1	<10	<5	13
RV94890	<3	13.2	3.6	2.7	5	<2	1	<10	<5	11
RV94891	<3	15.8	7.1	1.1	3	<2	<1	<10	<5	13
RV94892	<3	13.8	2.7	1.1	5	<2	1	<10	<5	91
RV94893	<3	20.1	3.0	1.0	4	<2	<1	<10	<5	21
RV94894	<3	16.0	11.3	1.1	3	<2	<1	<10	<5	26
RV94895	<3	13.0	4.4	1.2	2	<2	<1	<10	<5	6
RV94896	<3	545	13.8	38.4	2	<2	<1	<10	<5	823
RV94897	<3	26.4	6.7	8.5	2	<2	<1	<10	<5	16
RV94898	<3	23.3	7.2	7.8	1	<2	<1	<10	<5	19
RV94947	<3	43.1	2.2	0.9	2	<2	<1	<10	<5	10
RV94948	<3	18.7	2.2	0.6	2	<2	<1	<10	<5	16
RV94949	<3	18.2	2.4	0.7	2	<2	<1	<10	<5	6
RV94950	<3	9.7	3.3	1.0	2	<2	<1	<10	<5	5
RV94953	<3	13.0	6.6	0.9	2	<2	<1	<10	<5	3
RV94954	<3	8.4	6.1	0.7	2	<2	<1	<10	<5	<1
RV94955	<3	31.5	1.6	0.6	2	<2	<1	<10	<5	6
RV94956	<3	16.8	2.5	1.2	2	<2	<1	<10	<5	5
RV94957	<3	43.8	2.7	1.1	2	<2	<1	<10	<5	13
RV94963	<3	32.3	3.9	4.1	3	<2	<1	<10	<5	86
RV94964	<3	32.5	5.1	1.2	2	<2	<1	<10	<5	16
RV94965	<3	29.3	5.3	1.3	2	<2	<1	<10	<5	34
RV94966	<3	32.3	7.5	2.7	1	<2	<1	<10	<5	60

Element	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	3	0.5	0.5	0.5	1	2	1	10	5	1
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RV94967	4	138	16.3	10.2	1	<2	<1	<10	<5	213
RV94968	<3	254	7.5	10.6	<1	<2	<1	<10	<5	211
RV94969	<3	229	13.8	9.5	1	<2	<1	<10	<5	368
RV94970	4	235	14.0	9.9	1	<2	<1	<10	<5	367
RV94971	<3	165	12.4	12.0	<1	<2	<1	<10	<5	195
*Dup RV94869	<3	19.2	4.3	1.9	3	<2	<1	<10	<5	45
*Dup RV94876	<3	15.8	6.3	3.1	3	<2	<1	<10	<5	47
*Dup RV94888	<3	25.7	3.2	1.8	2	<2	<1	<10	<5	7
*Dup RV94948	<3	18.9	2.2	0.6	1	<2	<1	<10	<5	18
*Dup RV94967	5	144	16.4	9.7	2	<2	<1	<10	<5	210

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94869	7.4	<10	<2	<5	18
RV94870	9.8	<10	<2	<5	13
RV94871	9.7	<10	<2	<5	16
RV94934	7.3	<10	<2	<5	26
RV94935	7.7	<10	<2	<5	30
RV94936	5.1	<10	<2	<5	11
RV94937	10.8	<10	<2	<5	19
RV94938	9.7	<10	<2	<5	15
RV94872	14.6	<10	<2	<5	5
RV94873	9.9	<10	<2	<5	12
RV94874	3.2	<10	<2	<5	7
RV94875	9.9	<10	<2	<5	8
RV94876	11.0	<10	<2	<5	11
RV94877	5.6	<10	<2	<5	8
RV94878	1.7	<10	<2	<5	8
RV94879	2.9	<10	6	<5	13
RV94880	2.4	<10	<2	<5	14
RV94881	1.7	<10	<2	<5	12
RV94882	19.9	<10	<2	<5	10
RV94883	2.1	<10	<2	<5	3
RV94884	1.6	<10	<2	<5	19
RV94885	3.5	<10	<2	<5	7
RV94886	14.5	<10	<2	<5	5
RV94887	3.4	<10	<2	<5	10
RV94888	2.8	<10	<2	<5	13
RV94889	2.6	<10	<2	<5	13
RV94890	3.9	<10	5	<5	16
RV94891	5.3	<10	<2	<5	6
RV94892	4.0	<10	<2	<5	15
RV94893	3.1	<10	<2	<5	5
RV94894	8.8	<10	<2	<5	6
RV94895	3.6	<10	<2	<5	9
RV94896	52.6	<10	3	<5	21
RV94897	5.0	<10	<2	<5	10
RV94898	4.9	<10	<2	<5	12
RV94947	<0.5	<10	<2	<5	9
RV94948	0.6	<10	<2	<5	11
RV94949	0.5	<10	<2	<5	10
RV94950	1.6	<10	2	<5	12
RV94953	4.2	<10	<2	<5	4
RV94954	2.9	<10	<2	<5	5
RV94955	<0.5	<10	<2	<5	4
RV94956	0.7	<10	<2	<5	2
RV94957	1.6	<10	<2	<5	2
RV94963	17.0	<10	<2	<5	4
RV94964	5.5	<10	<2	<5	8
RV94965	5.7	<10	<2	<5	6
RV94966	8.5	<10	<2	<5	18

Element	La	W	Pb	Bi	Li
Method	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	10	2	5	1
Units	PPM	PPM	PPM	PPM	PPM
RV94967	116	<10	<2	<5	22
RV94968	29.1	<10	<2	<5	14
RV94969	75.1	<10	<2	<5	51
RV94970	72.8	<10	<2	<5	50
RV94971	57.6	<10	<2	<5	23
*Dup RV94869	7.4	<10	<2	<5	18
*Dup RV94876	11.2	<10	2	<5	11
*Dup RV94888	2.9	<10	<2	<5	13
*Dup RV94948	0.6	<10	<2	<5	11
*Dup RV94967	110	<10	<2	<5	22

APPENDIX 7

2005 West Timmins Diamond Drill Assay Results

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-01	94651	25.00	25.70	0.7	3	<10	<1	97	12	35	257	448	<2	13	0.6	0.06	0.67	2.95	0.08
WTM05-01	94652	25.70	27.10	1.4	2	<10	<1	72	11	35	103	347	<2	16	<0.5	0.03	0.58	2.04	0.07
WTM05-01	94653	27.10	28.00	0.9	2	<10	<1	92	13	33	419	294	<2	6	<0.5	0.04	1.02	1.94	0.09
WTM05-01	94654	59.65	61.10	1.45	<1	<10	2	164	34	180	127	146	<2	5	<0.5	0.11	1.41	2.44	0.05
WTM05-01	94655	61.10	62.10	1	4	<10	<1	161	35	165	249	161	<2	5	<0.5	0.1	1.46	1.72	0.04
WTM05-01	94656	62.10	63.10	1	2	<10	<1	106	21	64	155	116	<2	4	<0.5	0.12	1.15	1.8	0.04
WTM05-01	94657	63.10	64.10	1	2	<10	<1	90	17	57	112	306	<2	5	<0.5	0.13	1.18	1.98	0.04
WTM05-01	94658	64.10	65.00	0.9	<1	<10	<1	58	13	25	44.5	390	<2	3	<0.5	0.16	1.54	2.31	0.06
WTM05-01	94659	65.00	65.90	0.9	<1	<10	<1	81	17	32	46.9	312	<2	5	<0.5	0.11	2.17	2.65	0.07
WTM05-01	94660	65.90	66.90	1	4	<10	<1	117	20	63	67.8	525	<2	5	<0.5	0.14	1.37	2.3	0.06
WTM05-01	94661	66.90	67.90	1	1	<10	<1	73	22	52	167	882	<2	3	<0.5	0.08	1.39	1.72	0.05
WTM05-01	94662	67.90	68.85	0.95	1	<10	<1	101	19	53	205	128	<2	4	<0.5	0.1	1.68	2.17	0.03
WTM05-01	94663	74.20	75.10	0.9	7	<10	<1	272	32	194	131	1020	<2	21	<0.5	0.14	1.01	1.69	0.05
WTM05-01	94664	75.10	76.10	1	4	<10	<1	157	26	139	138	743	<2	14	<0.5	0.1	0.95	1.41	0.06
WTM05-01	94665	76.10	77.10	1	5	<10	<1	103	22	93	182	1250	<2	12	<0.5	0.04	1.1	1.26	0.05
WTM05-01	94666	77.10	78.20	1.1	6	<10	<1	76	30	98	136	1220	<2	7	<0.5	0.03	0.67	0.82	0.04
WTM05-01	94667	78.20	78.80	0.6	7	<10	<1	75	29	108	131	564	<2	8	<0.5	0.03	0.75	0.85	0.05
WTM05-01	94668	80.60	81.40	0.8	<1	<10	<1	57	29	15	72.3	60.5	<2	3	<0.5	0.06	1.31	2.12	0.03
WTM05-01	94669	101.45	102.80	1.35	14	<10	3	525	33	578	71.9	231	<2	2	<0.5	<0.01	3.35	2.34	0.03
WTM05-01	94670	105.90	106.80	0.9	3	<10	<1	74	43	141	255	481	<2	6	<0.5	0.08	1.12	1.81	0.04
WTM05-01	94671	106.80	107.70	0.9	3	<10	<1	54	23	74	130	335	<2	7	<0.5	0.03	0.75	1.13	0.05
WTM05-01	94672	108.85	109.40	0.55	<1	<10	<1	51	18	43	65.9	71.9	<2	6	<0.5	0.02	0.99	1.13	0.04
WTM05-01	94673	109.40	109.90	0.5	<1	<10	<1	37	15	31	39.6	53.8	<2	5	<0.5	0.01	1.09	1.36	0.04
WTM05-01	94674	109.90	110.90	1	<1	<10	<1	54	16	33	46.9	92.3	<2	7	<0.5	0.01	1.08	1.22	0.05
WTM05-01	94675	110.90	111.75	0.85	<1	<10	<1	44	12	22	30.5	95.3	<2	3	<0.5	0.02	0.66	1.2	0.06
WTM05-01	94676	111.75	112.80	1.05	<1	<10	<1	62	25	44	105	103	<2	12	<0.5	0.02	1.26	1.65	0.06
WTM05-01	94677	112.80	113.70	0.9	5	<10	<1	80	18	29	54.3	171	<2	11	<0.5	0.03	1.58	1.97	0.06
WTM05-01	94678	113.70	114.35	0.65	<1	<10	<1	70	22	41	61.9	293	<2	13	<0.5	0.03	1.4	1.9	0.06
WTM05-01	94679	114.35	115.60	1.25	3	<10	<1	72	22	54	89.3	276	<2	11	<0.5	0.02	1.23	1.68	0.05
WTM05-01	94680	115.60	116.30	0.7	5	<10	<1	57	24	50	80.3	335	<2	25	<0.5	0.02	2	2.36	0.06
WTM05-01	94681	116.30	117.00	0.7	2	<10	<1	64	18	32	57.8	295	<2	33	<0.5	0.02	1.8	1.91	0.06
WTM05-01	94682	117.00	118.00	1	9	<10	<1	88	24	64	86	1110	<2	34	<0.5	0.05	1.76	2.09	0.05
WTM05-01	94683	118.00	119.00	1	5	<10	<1	81	26	54	90.3	687	<2	30	<0.5	0.03	2.08	2.31	0.06
WTM05-01	94684	119.00	119.80	0.8	7	<10	<1	91	27	82	128	1120	<2	17	<0.5	0.04	1.49	2.05	0.05
WTM05-01	94685	119.80	120.60	0.8	8	<10	<1	81	47	150	218	2200	<2	18	<0.5	0.01	1.5	2.14	0.05
WTM05-01	94686	120.60	121.80	1.2	8	<10	<1	70	29	58	114	601	<2	15	<0.5	0.02	1.96	2.39	0.05
WTM05-01	94687	121.80	122.50	0.7	3	<10	<1	63	17	32	47.6	214	<2	6	<0.5	<0.01	2.08	2.26	0.05
WTM05-01	94688	122.50	123.05	0.55	10	<10	<1	71	38	122	192	2130	<2	23	<0.5	0.01	1.58	2.11	0.05
WTM05-01	94689	123.05	124.00	0.95	4	<10	<1	111	33	63	109	282	<2	19	<0.5	0.1	2.91	3.68	0.1
WTM05-01	94690	124.00	125.00	1	2	<10	<1	89	21	42	57.4	125	<2	16	<0.5	0.09	2.29	2.96	0.08
WTM05-01	94691	125.00	126.00	1	2	<10	<1	83	14	24	43.6	279	<2	5	<0.5	0.03	2.27	2.64	0.06
WTM05-01	94692	126.00	127.00	1	<1	<10	<1	56	9	20	39.1	696	<2	4	<0.5	0.02	2.08	2.27	0.07
WTM05-01	94693	127.00	128.00	1	<1	<10	<1	93	11	26	56.8	696	<2	5	<0.5	0.01	2.25	2.28	0.07
WTM05-01	94694	128.00	129.00	1	<1	<10	<1	138	21	56	70.4	654	<2	23	<0.5	0.02	2.67	2.6	0.05
WTM05-01	94695	129.00	129.65	0.65	<1	<10	<1	137	20	49	42.1	303	<2	5	<0.5	0.02	2.65	2.83	0.05
WTM05-01	94696	129.65	130.20	0.55	<1	<10	<1	91	17	30	43.2	224	<2	7	1.1	0.03	1.03	1.66	0.06
WTM05-01	94697	130.20	131.15	0.95	<1	<10	<1	84	12	25	34.3	83.6	<2	5	<0.5	0.06	0.88	1.78	0.08
WTM05-01	94698	131.15	132.00	0.85	2	<10	<1	71	13	24	30.7	90	<2	3	<0.5	0.03	1.01	1.68	0.06

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-01	**94699**	132.00	132.95	0.95	2	<10	<1	51	19	38	82.4	301	<2	10	<0.5	0.03	1.52	2.22	0.04
WTM05-01	**94700**	156.80	157.80	1	3	<10	<1	77	12	25	65.2	52.2	<2	<2	<0.5	0.18	0.74	2.54	0.04
WTM05-01	**94701**	157.80	158.70	0.9	3	<10	<1	191	22	56	44.3	91.1	<2	<2	<0.5	0.18	2.11	3.01	0.04
WTM05-01	**94702**	158.70	159.60	0.9	2	<10	<1	140	18	62	50.7	165	<2	4	<0.5	0.14	1.73	2.97	0.07
WTM05-01	**94703**	159.60	160.60	1	<1	<10	<1	73	13	27	37.1	77.7	<2	4	<0.5	0.34	1.35	3.47	0.06
WTM05-01	**94704**	160.60	161.50	0.9	3	<10	<1	81	13	24	26.8	134	<2	<2	<0.5	0.14	0.93	1.88	0.05
WTM05-01	**94705**	163.45	164.20	0.75	3	<10	<1	104	12	26	49.8	66	<2	<2	<0.5	0.22	0.64	2.13	0.03
WTM05-01	**94706**	170.45	171.60	1.15	3	<10	<1	78	12	27	12.6	51.4	<2	<2	<0.5	0.09	1.5	2.37	0.05
WTM05-01	**94707**	171.60	172.90	1.3	2	<10	<1	97	18	43	60.5	39.5	<2	<2	<0.5	0.08	1.22	1.51	0.05
WTM05-02	94807	16	17	1	<1	<10	<1	35	12	19	32.6	14.6	<2	<2	<0.5	0.09	0.88	1.01	0.04
WTM05-02	94808	17	18	1	<1	<10	<1	27	7	8	22.3	15.9	<2	<2	<0.5	0.08	0.66	0.66	0.07
WTM05-02	94809	18	19	1	<1	<10	<1	18	13	13	142	10.5	<2	<2	<0.5	0.06	0.36	0.47	0.04
WTM05-02	94810	19	20	1	<1	<10	<1	30	15	15	98.5	17.7	<2	<2	<0.5	0.11	0.77	0.91	0.04
WTM05-02	94811	20	21	1	<1	<10	<1	19	8	10	24.6	13.2	<2	<2	<0.5	0.06	0.57	0.59	0.04
WTM05-02	94812	21	22	1	<1	<10	<1	20	10	10	48.9	9.5	<2	<2	<0.5	0.05	0.69	0.57	0.03
WTM05-02	94813	22	23	1	<1	<10	<1	36	19	18	128	16.9	<2	<2	<0.5	0.07	1.57	1.61	0.04
WTM05-02	94814	23	24	1	<1	<10	<1	33	18	17	148	26.9	<2	<2	<0.5	0.08	0.9	1.19	0.03
WTM05-02	94815	24	25	1	<1	<10	<1	24	12	13	87	12	<2	<2	<0.5	0.08	0.44	0.68	0.03
WTM05-02	94816	25	26	1	<1	<10	<1	18	11	13	129	14.1	<2	<2	<0.5	0.06	0.52	0.64	0.03
WTM05-02	94708	37.70	38.70	1	3	<10	<1	58	17	27	109	28.1	<2	<2	<0.5	0.14	1.64	1.41	0.02
WTM05-02	94709	38.70	39.70	1	5	<10	<1	54	31	48	65.6	49.1	<2	<2	1.1	0.06	3.09	2.67	0.02
WTM05-02	94710	41.60	42.50	0.9	4	<10	<1	142	17	41	105	22.6	<2	<2	<0.5	0.07	1.8	1.52	<0.01
WTM05-02	94711	67.00	67.80	0.8	5	<10	<1	104	27	62	127	64	<2	<2	<0.5	0.24	1.46	2.36	0.04
WTM05-02	94712	72.90	74.00	1.1	11	<10	<1	152	22	55	70.4	114	<2	9	0.6	0.05	3.07	4.07	0.05
WTM05-02	94713	74.00	75.05	1.05	5	<10	<1	156	24	64	117	88.7	<2	3	0.5	0.14	3.24	3.99	<0.01
WTM05-02	94714	75.05	76.00	0.95	4	<10	1	**362**	29	**203**	33	69.8	<2	5	<0.5	0.06	3.41	2.35	0.12
WTM05-02	94715	76.00	77.10	1.1	5	<10	<1	87	18	23	33.2	87.6	<2	3	0.5	0.08	2.06	1.91	0.18
WTM05-02	94716	77.10	78.10	1	3	<10	<1	45	18	18	19.3	125	<2	7	0.6	0.08	1.72	1.92	0.22
WTM05-02	94717	92.00	93.00	1	3	<10	<1	107	21	26	41	34.3	<2	<2	<0.5	0.13	1.39	1.49	0.02
WTM05-02	94718	93.00	94.10	1.1	2	<10	<1	101	19	24	44.8	35.1	<2	<2	<0.5	0.15	1.31	1.53	0.02
WTM05-02	94719	95.80	97.00	1.2	<1	<10	<1	116	25	28	37.2	68.9	<2	3	<0.5	0.16	1.59	1.97	0.02
WTM05-02	94720	97.00	97.90	0.9	2	<10	2	**618**	35	**296**	315	**2950**	<2	39	<0.5	0.01	3.5	2.81	0.01
WTM05-02	94721	97.90	98.60	0.7	4	<10	<1	81	28	102	173	**1990**	<2	41	<0.5	0.02	0.29	0.68	0.02
WTM05-02	94722	98.60	99.20	0.6	4	<10	2	77	28	76	148	**2600**	<2	29	<0.5	0.04	0.37	0.83	0.04
WTM05-02	94723	99.20	99.75	0.55	8	<10	<1	85	32	85	**268**	**2280**	<2	20	<0.5	0.09	0.45	1.13	0.03
WTM05-02	94724	99.75	100.55	0.8	3	<10	<1	79	24	60	96.1	**984**	<2	11	<0.5	0.06	0.48	0.99	0.05
WTM05-02	94725	100.55	101.00	0.45	3	<10	<1	90	34	84	153	**669**	<2	14	<0.5	0.05	0.29	0.78	0.03
WTM05-02	94726	101.00	102.00	1	<1	<10	<1	92	15	33	41.5	**883**	<2	9	<0.5	0.07	0.27	1.02	0.06
WTM05-02	94727	102.00	102.95	0.95	<1	<10	<1	120	25	88	142	**710**	<2	22	<0.5	0.04	0.7	1.33	0.04
WTM05-02	94728	118.00	119.00	1	**34**	<10	<1	67	24	52	130	**518**	<2	8	<0.5	0.02	0.28	0.91	0.04
WTM05-02	94729	119.00	120.05	1.05	<1	<10	<1	57	31	23	68.7	134	<2	3	<0.5	0.11	2.27	2.33	0.03
WTM05-02	94730	129.90	130.90	1	<1	<10	3	326	23	93	176	64.1	<2	<2	<0.5	0.09	1.84	1.68	0.02
WTM05-02	94731	146.20	147.15	0.95	<1	<10	2	**642**	**57**	**310**	181	**709**	<2	5	<0.5	0.03	3.36	2.69	0.03
WTM05-02	94732	147.15	148.10	0.95	2	<10	<1	261	63	**211**	**421**	**856**	<2	8	<0.5	0.05	1.83	1.75	0.04
WTM05-02	94733	148.10	148.70	0.6	2	<10	<1	126	13	41	67	276	<2	10	1.2	0.05	1.01	1.02	0.04
WTM05-02	94734	148.70	149.90	1.2	3	<10	<1	171	46	176	**221**	**2620**	<2	12	0.5	0.09	1.14	1.47	0.03
WTM05-02	94735	149.90	150.95	1.05	4	<10	4	**577**	48	**239**	**241**	**343**	<2	6	<0.5	0.04	2.94	2.2	0.03
WTM05-02	94736	150.95	151.40	0.45	2	<10	4	**583**	**50**	**223**	70.9	187	<2	5	<0.5	0.04	3.03	2.33	0.02

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-02	94737	157.35	158.50	1.15	<1	<10	2	335	29	200	75.2	72.2	<2	<2	<0.5	0.08	2.09	1.57	0.02
WTM05-02	94738	169.35	169.80	0.45	4	<10	4	1220	44	561	31.8	30.4	<2	<2	<0.5	<0.01	3.5	2.08	<0.01
WTM05-02	94739	169.80	170.90	1.1	<1	<10	<1	1600	66	1220	64.4	70.3	<2	<2	<0.5	<0.01	3.02	1.53	<0.01
WTM05-02	94740	170.90	171.90	1	3	<10	<1	82	13	42	62.7	699	<2	5	<0.5	0.05	1.1	1.21	0.04
WTM05-02	94741	173.35	174.05	0.7	6	<10	3	136	34	118	117	1220	<2	6	<0.5	0.22	1.06	1.7	0.03
WTM05-02	94742	174.05	174.75	0.7	<1	10	18	388	42	253	106	87.8	<2	3	<0.5	0.06	1.91	1.46	0.02
WTM05-02	94743	212.60	213.25	0.65	<1	<10	<1	99	24	84	83.6	255	<2	6	<0.5	0.09	0.96	1.52	0.04
WTM05-02	94744	213.25	213.90	0.65	20	<10	<1	57	24	58	137	199	<2	14	<0.5	0.03	0.53	0.93	<0.01
WTM05-02	94745	213.90	214.05	0.15	<1	<10	<1	99	9	25	56.6	97.8	<2	5	<0.5	<0.01	0.78	0.75	<0.01
WTM05-02	94746	214.05	214.60	0.55	<1	<10	<1	114	8	23	46.2	62.4	<2	3	<0.5	<0.01	0.32	0.12	<0.01
WTM05-02	94747	214.60	215.50	0.9	<1	<10	<1	116	4	15	11.4	5.1	<2	<2	<0.5	<0.01	0.11	0.07	<0.01
WTM05-02	94748	215.50	216.30	0.8	7	<10	<1	86	28	67	146	31.6	<2	11	<0.5	<0.01	0.27	0.26	<0.01
WTM05-02	94749	216.30	216.65	0.35	<1	<10	6	81	29	71	157	31.7	<2	12	<0.5	<0.01	0.27	0.26	<0.01
WTM05-02	94750	216.65	217.70	1.05	<1	<10	<1	918	41	384	8.3	157	<2	<2	<0.5	0.03	3.98	2.82	0.02
WTM05-02	94751	217.70	218.65	0.95	<1	<10	<1	104	13	34	40.9	132	<2	2	<0.5	0.07	0.61	0.82	0.04
WTM05-02	94752	219.70	220.50	0.8	<1	<10	6	94	12	37	41.3	185	<2	4	<0.5	0.04	0.43	0.57	0.04
WTM05-02	94753	268.15	268.85	0.7	1	<10	3	600	39	427	18.7	59	<2	<2	<0.5	<0.01	5.87	2.48	0.03
WTM05-02	94754	276.00	277.20	1.2	<1	<10	16	474	42	873	35.8	10.9	<2	<2	<0.5	<0.01	3.76	0.78	<0.01
WTM05-03	94755	24	25	1	<1	<10	4	894	48	928	75.3	30.4	<2	<2	1	<0.01	4.14	1.65	<0.01
WTM05-03	94756	25	26	1	<1	<10	4	160	36	125	125	98	<2	<2	<0.5	0.28	1.12	2.43	0.03
WTM05-03	94757	26	27	1	<1	<10	5	130	38	101	106	80.8	<2	<2	<0.5	0.26	1.33	2.93	0.03
WTM05-03	94758	27	28	1	<1	<10	4	200	29	117	109	55.9	<2	<2	<0.5	0.32	1.25	2.92	0.02
WTM05-03	94759	45	46	1	<1	<10	<1	168	24	93	93.8	34.3	<2	<2	<0.5	0.21	1.48	2.43	0.02
WTM05-03	94760	56	57	1	2	<10	<1	136	18	70	95.3	25.6	<2	<2	<0.5	0.11	1.21	1.33	0.02
WTM05-03	94761	66	67	1	<1	<10	<1	104	16	67	75.4	19.5	<2	<2	<0.5	0.05	0.85	0.96	0.02
WTM05-03	94762	78	79	1	<1	<10	<1	87	13	51	108	18.2	<2	<2	<0.5	0.07	0.96	1.33	0.02
WTM05-03	94763	95	96	1	3	<10	<1	67	31	49	85.6	45.3	<2	<2	<0.5	0.06	0.95	1.33	0.07
WTM05-03	94764	102	103	1	2	<10	<1	104	21	77	95.8	21.1	<2	<2	<0.5	0.08	1	1.26	0.02
WTM05-03	94765	108	109	1	15	<10	<1	86	28	45	75.9	51	<2	<2	<0.5	0.08	1.11	1.69	0.04
WTM05-03	94766	109	110	1	757	<10	<1	74	31	50	132	48	<2	<2	<0.5	0.06	1.08	1.49	0.05
WTM05-03	94767	110	111	1	7	<10	<1	127	32	62	117	49.3	<2	<2	<0.5	0.05	1.27	1.74	0.05
WTM05-03	94768	111	112.4	1.4	9	<10	<1	130	33	69	102	63.4	<2	<2	<0.5	0.08	1.71	2.84	0.05
WTM05-03	94769	112.4	113.05	0.65	182	<10	<1	59	56	96	115	8.7	<2	11	<0.5	0.04	2.27	1.24	0.05
WTM05-03	94770	113.05	114	0.95	16	<10	6	700	48	503	85	138	<2	4	<0.5	0.02	4.36	2.67	0.02
WTM05-03	94771	129	130	1	21	<10	<1	119	23	24	40.9	41.1	<2	<2	<0.5	0.04	2.23	2.23	0.02
WTM05-03	94772	138.3	139.5	1.2	<1	<10	1	42	53	89	219	233	<2	9	<0.5	0.02	0.27	0.54	0.03
WTM05-03	94773	139.5	141	1.5	<1	<10	1	55	29	87	154	853	<2	6	<0.5	0.02	0.35	0.55	0.03
WTM05-03	94774	141	142	1	<1	<10	<1	94	35	48	108	420	<2	17	<0.5	0.02	1.01	1.24	0.03
WTM05-03	94775	142	143	1	<1	<10	<1	58	15	25	49.2	165	<2	6	<0.5	0.02	0.23	0.57	0.05
WTM05-03	94776	143	144	1	<1	<10	<1	51	20	37	63.7	254	<2	6	<0.5	0.02	0.4	0.75	0.08
WTM05-03	94777	164	165	1	<1	<10	<1	115	18	37	76.7	63.6	<2	<2	<0.5	0.04	0.82	0.95	0.04
WTM05-03	94778	171	172	1	<1	<10	<1	207	14	36	57.5	30.7	<2	<2	<0.5	0.05	1.35	1.45	0.02
WTM05-03	94779	172	173	1	<1	<10	<1	158	14	31	43.8	29.2	<2	<2	<0.5	0.04	1.23	1.28	0.01
WTM05-03	94780	173	174	1	<1	<10	<1	100	13	33	75.8	16.8	<2	<2	<0.5	0.05	0.69	0.72	0.02
WTM05-03	94781	198	199	1	2	10	13	82	26	111	60.5	36.6	<2	<2	<0.5	0.28	1.34	2.93	0.02
WTM05-04	94782	38	39	1	<1	<10	4	1240	86	1040	<0.5	20.8	<2	<2	<0.5	<0.01	15	0.56	<0.01
WTM05-04	94783	51	52	1	<1	<10	<1	1120	86	1140	<0.5	23.6	<2	<2	<0.5	<0.01	>15	0.54	<0.01
WTM05-04	94784	63	64	1	<1	<10	4	929	92	1090	<0.5	19.1	<2	<2	0.6	<0.01	>15	0.5	<0.01

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-04	94785	83	84	1	<1	<10	4	1440	75	1110	<0.5	12.1	<2	<2	<0.5	<0.01	14.9	0.56	<0.01
WTM05-04	94786	96	97	1	<1	10	4	1180	98	1270	<0.5	18	<2	<2	<0.5	<0.01	>15	0.52	<0.01
WTM05-04	94787	108	109	1	<1	<10	3	610	87	1160	<0.5	18.6	<2	<2	<0.5	<0.01	>15	0.44	<0.01
WTM05-04	94788	116	117	1	<1	<10	3	730	84	1100	0.7	16.7	<2	<2	<0.5	<0.01	>15	0.5	<0.01
WTM05-04	94789	129	130	1	<1	10	6	1620	61	919	<0.5	8.2	<2	<2	<0.5	<0.01	>15	0.62	<0.01
WTM05-04	94790	141	142	1	<1	10	4	1160	84	1130	<0.5	14.4	<2	<2	<0.5	<0.01	>15	0.63	<0.01
WTM05-04	94791	152	153	1	<1	<10	3	1230	66	1130	<0.5	16.8	<2	<2	<0.5	<0.01	>15	0.55	<0.01
WTM05-05	94792	21	22	1	<1	<10	7	1230	84	1070	21.1	21.3	<2	<2	<0.5	0.02	11.6	1.09	0.01
WTM05-05	94793	42	43	1	<1	<10	8	555	82	1120	<0.5	18.2	<2	<2	<0.5	<0.01	13.8	0.63	<0.01
WTM05-05	94794	57	58	1	<1	<10	7	1080	80	872	26.8	15.1	<2	<2	<0.5	<0.01	10	0.82	<0.01
WTM05-05	94795	69	70	1	<1	<10	5	1290	76	768	14.8	16.1	<2	<2	<0.5	<0.01	9.81	0.82	<0.01
WTM05-05	94796	77	78	1	<1	<10	8	905	55	1010	<0.5	11.7	<2	<2	<0.5	<0.01	10.4	0.73	<0.01
WTM05-05	94797	90	91	1	<1	<10	6	1050	80	869	26.3	16.7	<2	<2	<0.5	<0.01	10.5	0.83	<0.01
WTM05-05	94798	110	111	1	<1	<10	5	1320	93	1080	<0.5	32.6	<2	<2	<0.5	<0.01	>15	0.69	<0.01
WTM05-05	94799	126	127	1	<1	<10	3	1530	77	938	<0.5	19.3	<2	<2	<0.5	<0.01	13.2	0.68	<0.01
WTM05-05	94800	143	144	1	<1	<10	6	1410	54	1000	<0.5	14.7	<2	<2	<0.5	<0.01	>15	0.63	<0.01
WTM05-05	94801	156	157	1	<1	<10	3	1440	76	1140	<0.5	17.7	<2	<2	<0.5	<0.01	>15	0.69	<0.01
WTM05-05	95688	157	158	1	1	<10	3	1180	91	1270	<0.5	16.3	<2	<2	<0.5	<0.01	>15	0.67	<0.01
WTM05-05	95689	158	159	1	1	<10	3	1200	90	1290	<0.5	16	<2	2	<0.5	<0.01	>15	0.64	<0.01
WTM05-05	95690	159	160	1	1	<10	3	1130	97	1310	<0.5	16.3	<2	<2	<0.5	<0.01	>15	0.69	<0.01
WTM05-05	95691	160	161	1	1	<10	3	1230	90	1220	<0.5	13.5	<2	<2	<0.5	<0.01	15	0.62	<0.01
WTM05-05	95692	161	162	1	1	<10	3	1220	88	1240	<0.5	10.4	<2	<2	<0.5	<0.01	15	0.59	<0.01
WTM05-05	95693	162	163	1	1	<10	3	1290	76	1220	<0.5	10.7	<2	<2	<0.5	<0.01	14.2	0.65	<0.01
WTM05-05	95694	163	164	1	2	<10	2	1480	63	1340	<0.5	10.9	<2	<2	<0.5	<0.01	14.6	0.62	<0.01
WTM05-05	95695	164	165	1	2	<10	3	2040	496	1450	6.7	13.4	<2	<2	<0.5	<0.01	13.4	0.7	<0.01
WTM05-05	95696	165	166	1	1	<10	3	1890	642	1380	11.5	14.2	<2	<2	<0.5	<0.01	12.1	0.72	<0.01
WTM05-05	95697	166	167	1	1	<10	3	1880	416	1200	6.7	13.6	<2	<2	<0.5	<0.01	12.2	0.64	<0.01
WTM05-05	95698	167	168	1	1	<10	2	2050	110	1240	<0.5	14.9	<2	<2	<0.5	<0.01	14.7	0.71	<0.01
WTM05-05	94802	168	169	1	<1	<10	3	1570	41	1050	<0.5	11.8	<2	<2	<0.5	<0.01	14	0.57	<0.01
WTM05-05	95699	169	170	1	1	<10	3	1370	162	1220	<0.5	8.7	<2	<2	<0.5	<0.01	11.7	0.51	<0.01
WTM05-05	95700	170	170.7	0.7	1	<10	3	1630	96	1240	3.1	14.7	<2	5	3.9	<0.01	13.7	0.67	<0.01
WTM05-05	94803	182	183	1	<1	<10	4	1660	58	1070	<0.5	9.7	<2	<2	<0.5	<0.01	13.3	0.55	<0.01
WTM05-05	94804	204	205	1	<1	<10	3	1450	81	1180	<0.5	19.8	<2	<2	<0.5	<0.01	>15	0.51	<0.01
WTM05-05	94805	216	217	1	<1	<10	2	1310	81	1110	<0.5	17	<2	<2	<0.5	<0.01	>15	0.52	<0.01
WTM05-05	94806	237	238	1	1	<10	2	619	60	563	28	9.3	<2	<2	<0.5	<0.01	8.61	0.48	<0.01
WTM05-06	94817	116.2	117	0.8	7	<10	<1	87	14	48	99.2	33.6	<2	<2	<0.5	0.06	0.76	1.24	0.05
WTM05-06	94818	117	118	1	7	<10	<1	71	20	44	124	31.3	<2	<2	<0.5	0.06	0.66	1.04	0.07
WTM05-06	94819	118	118.65	0.65	1	<10	<1	59	10	30	70.7	36.7	<2	<2	<0.5	0.06	0.58	1.11	0.04
WTM05-06	94820	118.65	119.35	0.7	4	<10	<1	57	14	44	75.1	23.8	<2	<2	<0.5	0.06	0.56	1.15	0.03
WTM05-06	94821	119.35	120	0.65	28	<10	<1	17	34	74	296	9.9	<2	<2	<0.5	0.01	0.21	0.13	0.01
WTM05-06	94822	120	121	1	5	<10	<1	22	26	50	221	7	<2	<2	<0.5	0.01	0.09	0.23	0.02
WTM05-06	94823	121	122.1	1.1	6	<10	<1	23	25	60	269	8.5	<2	<2	<0.5	0.02	0.11	0.28	0.02
WTM05-06	94824	122.1	122.8	0.7	9	<10	<1	33	26	48	151	14.8	<2	<2	<0.5	0.05	0.36	0.82	0.03
WTM05-06	94825	122.8	123.6	0.8	13	<10	<1	32	25	42	137	18.6	<2	<2	<0.5	0.08	0.36	0.88	0.03
WTM05-06	94826	123.6	124.3	0.7	3	<10	<1	65	9	35	20.2	30.1	<2	<2	<0.5	0.07	0.85	1.78	0.04
WTM05-06	94827	124.3	125	0.7	8	<10	<1	52	8	36	64	24.7	<2	<2	<0.5	0.09	0.55	1.26	0.04
WTM05-06	94828	125	126	1	4	<10	<1	37	10	35	78.3	30.8	<2	<2	<0.5	0.05	0.53	1.02	0.04
WTM05-06	94829	126	126.5	0.5	<1	<10	<1	94	17	65	<0.5	59.5	<2	<2	<0.5	0.04	1.49	2.41	0.06

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-06	94830	126.5	127	0.5	<1	<10	<1	65	15	26	1.9	44.3	<2	4	0.7	0.03	1.07	1.4	0.05
WTM05-06	94831	127	128	1	<1	<10	<1	58	4	7	<0.5	31.1	<2	<2	<0.5	0.04	0.39	0.79	0.02
WTM05-06	94832	128	129	1	<1	<10	<1	45	14	30	30.9	34.1	<2	<2	<0.5	0.05	0.82	1.37	0.05
WTM05-06	94833	129	130	1	1	<10	<1	62	12	37	48.8	17.9	<2	<2	<0.5	0.08	0.53	1.1	0.04
WTM05-06	94834	130	131	1	**45**	<10	<1	64	11	21	31.3	29.2	<2	2	<0.5	0.08	0.85	1.64	0.05
WTM05-06	94835	131	132.05	1.05	4	<10	<1	80	20	46	48.3	30.7	<2	<2	<0.5	0.1	0.82	1.5	0.05
WTM05-06	94836	143.15	143.8	0.65	6	<10	<1	68	10	47	118	28.1	<2	<2	<0.5	0.05	0.76	1.33	0.06
WTM05-06	94837	143.8	144.5	0.7	**49**	<10	<1	14	18	100	**740**	12.9	<2	<2	<0.5	<0.01	0.84	0.06	<0.01
WTM05-06	94838	144.5	145.2	0.7	9	<10	<1	18	14	87	**348**	16.7	<2	<2	<0.5	<0.01	0.13	0.05	0.01
WTM05-06	94839	145.2	145.75	0.55	**23**	<10	<1	15	23	109	**490**	12.6	<2	<2	<0.5	<0.01	0.1	0.04	0.01
WTM05-06	94840	145.75	146.45	0.7	8	<10	3	44	15	42	62.5	7	<2	<2	<0.5	0.02	0.18	0.35	0.02
WTM05-06	94841	146.45	147	0.55	2	<10	6	46	25	56	92	18.2	<2	<2	<0.5	0.03	0.38	0.58	0.04
WTM05-06	94842	147	148	1	<1	10	**10**	59	12	30	25.9	16.4	<2	<2	<0.5	0.02	0.39	0.63	0.02
WTM05-06	94843	169.75	170.5	0.75	<1	10	9	70	12	30	11.7	32.4	<2	<2	<0.5	0.06	0.75	1.06	0.04
WTM05-06	94844	170.5	171.15	0.65	7	<10	1	80	48	85	**402**	88.6	<2	4	<0.5	0.07	1.35	1.89	0.03
WTM05-06	94845	171.15	172	0.85	<1	<10	3	199	27	94	50.9	56.1	<2	<2	<0.5	0.04	2.07	2.72	0.04
WTM05-06	94846	172	172.8	0.8	<1	<10	8	117	23	101	18.4	32.7	<2	<2	<0.5	0.05	1.21	1.54	0.03
WTM05-06	94847	172.8	173.6	0.8	<1	<10	4	160	24	92	42.4	86.2	<2	<2	<0.5	0.06	1.24	1.87	0.06
WTM05-06	94848	173.6	174.7	1.1	<1	<10	3	140	25	128	8.7	81.2	<2	<2	<0.5	0.02	2.29	1.18	0.03
WTM05-06	94849	174.7	175.5	0.8	<1	<10	4	130	22	62	31.3	57.4	<2	<2	<0.5	0.05	1.69	1.81	0.03
WTM05-06	94850	175.5	176	0.5	<1	<10	6	189	31	97	61.5	81.6	<2	<2	<0.5	0.03	2.94	3.12	0.03
WTM05-06	94851	176	177	1	<1	<10	4	159	22	64	59.7	56.8	<2	<2	<0.5	0.04	1.62	1.8	0.05
WTM05-06	94852	186	187	1	<1	<10	<1	86	12	34	15.9	43.5	<2	<2	<0.5	0.06	0.96	1.36	0.06
WTM05-06	94853	187	188.2	1.2	<1	<10	<1	96	18	51	120	45.7	<2	<2	<0.5	0.06	1.16	1.63	0.06
WTM05-06	94854	188.2	189.15	0.95	<1	<10	<1	48	18	29	48.4	53.2	<2	<2	<0.5	0.03	1.2	0.73	0.06
WTM05-06	94855	220.7	221.2	0.5	1	<10	<1	181	19	108	6.2	26.6	<2	<2	<0.5	0.04	1.34	1.54	0.04
WTM05-06	94856	221.2	221.4	0.2	1	<10	<1	43	**50**	86	195	25.2	<2	<2	<0.5	0.05	0.45	0.89	0.04
WTM05-06	94857	221.4	222	0.6	<1	10	**11**	116	8	29	20.9	7.9	<2	<2	<0.5	0.05	0.32	0.6	0.02
WTM05-07	**94858**	49.5	50	0.5	2	<10	<1	86	32	66	52.1	14.8	<2	<2	<0.5	0.05	0.44	0.93	0.05
WTM05-07	**94859**	244.7	245.6	0.9	14	<10	<1	22	8	83	382	19.2	<2	<2	<0.5	0.09	0.31	0.57	0.01
WTM05-07	**94860**	245.6	246.1	0.5	<1	<10	<1	25	14	16	2.9	36.8	<2	<2	<0.5	0.07	0.96	1.81	0.07
WTM05-07	**94861**	246.1	246.9	0.8	<1	<10	<1	47	5	5	10.4	25.8	<2	<2	<0.5	0.04	0.36	1.04	0.02
WTM05-07	**94862**	246.9	247.7	0.8	<1	<10	<1	36	11	39	112	42.3	<2	<2	<0.5	0.12	0.82	1.68	0.03
WTM05-07	**94863**	247.7	248.2	0.5	<1	<10	<1	50	13	39	88.6	57.5	<2	<2	<0.5	0.08	0.88	1.78	0.03
WTM05-07	**94864**	248.2	249.5	1.3	<1	<10	<1	57	12	33	24.3	26.6	<2	<2	<0.5	0.05	0.5	1.2	0.03
WTM05-07	**94865**	249.5	250.25	0.75	<1	<10	<1	71	22	47	33.1	50.2	<2	<2	<0.5	0.05	0.92	1.95	0.04
WTM05-07	**94866**	250.25	251	0.75	<1	<10	<1	59	14	34	49	42.3	<2	<2	<0.5	0.04	0.6	1.4	0.03
WTM05-07	**94867**	251	251.6	0.6	<1	<10	<1	80	12	31	14.4	43.8	<2	<2	<0.5	0.05	0.69	1.37	0.04
WTM05-07	**94868**	251.6	253	1.4	<1	<10	<1	53	12	26	29.9	50.2	<2	<2	<0.5	0.06	0.79	1.31	0.07
WTM05-07	**94869**	253	253.8	0.8	1	<10	<1	87	14	45	50.5	38	<2	<2	<0.5	0.07	0.96	1.3	0.04
WTM05-07	**94870**	253.8	254.35	0.55	7	<10	<1	65	10	28	42.6	41	<2	<2	<0.5	0.07	0.64	1.08	0.04
WTM05-07	**94871**	254.35	254.7	0.35	2	<10	<1	90	15	40	56.5	43.4	<2	<2	0.5	0.08	1.09	1.36	0.05
WTM05-08	94872	56	56.9	0.9	<1	<10	<1	73	2	7	2.8	15.5	<2	<2	<0.5	0.07	0.33	0.63	0.05
WTM05-08	94873	63.4	64.4	1	<1	<10	<1	31	10	12	10.4	47.1	<2	<2	<0.5	0.08	1.23	1.9	0.29
WTM05-08	94874	66.3	67.4	1.1	7	<10	<1	105	7	16	42.3	36.8	<2	<2	<0.5	0.08	0.64	1.09	0.04
WTM05-08	94875	67.4	68.6	1.2	15	<10	<1	29	15	15	117	43.8	<2	<2	<0.5	0.07	0.83	1.34	0.19
WTM05-08	94876	70.2	71	0.8	8	<10	<1	87	10	12	53.4	46.1	<2	<2	<0.5	0.07	0.9	1.48	0.11
WTM05-08	94877	80.3	81.35	1.05	4	<10	<1	52	16	18	108	35.3	<2	<2	<0.5	0.08	0.68	1.27	0.11

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-09	**94926**	196.1	197.3	1.2	2	<10	<1	8	27	24	30.4	28.7	<2	<2	<0.5	0.12	0.74	1.48	<0.01
WTM05-10	94927	11.5	12.7	1.2	3	<10	<1	15	14	6	49.4	43	<2	<2	<0.5	0.13	0.43	1.11	0.28
WTM05-10	94928	12.7	13.9	1.2	3	<10	<1	13	18	10	72.7	47.8	<2	<2	<0.5	0.11	0.54	1.17	0.34
WTM05-10	94929	13.9	14.9	1	2	<10	<1	23	18	15	67.3	50	<2	<2	<0.5	0.12	0.55	1.25	0.21
WTM05-10	94930	21	22	1	2	<10	<1	8	14	9	62.3	34.5	<2	<2	<0.5	0.12	0.16	0.73	0.18
WTM05-10	94931	25.1	26.1	1	2	<10	2	28	14	17	34.8	40.9	<2	<2	<0.5	0.05	0.7	1.32	0.24
WTM05-10	94932	26.1	27.2	1.1	2	<10	2	22	14	11	30.1	44.5	<2	<2	<0.5	0.06	0.64	1.31	0.31
WTM05-10	94933	27.2	28.3	1.1	2	<10	2	30	15	10	25.8	52.2	<2	<2	<0.5	0.05	0.7	1.52	0.26
WTM05-10	94934	28.3	29.2	0.9	1	<10	<1	26	27	15	84.2	86.9	<2	<2	<0.5	0.08	1.61	2.81	0.32
WTM05-10	94935	29.2	30	0.8	2	<10	<1	36	25	20	114	100	<2	<2	<0.5	0.07	1.93	3.1	0.28
WTM05-10	94936	30	31	1	<1	<10	<1	40	13	15	27.7	49.3	<2	<2	<0.5	0.1	0.75	1.45	0.18
WTM05-10	94937	31	32	1	1	<10	<1	43	22	14	60.3	62.1	<2	<2	<0.5	0.07	1.15	1.89	0.22
WTM05-10	94938	32	33.1	1.1	1	<10	<1	44	14	11	36.2	48.5	<2	<2	<0.5	0.07	0.93	1.55	0.17
WTM05-10	94939	39.5	40.6	1.1	4	<10	2	27	25	21	**247**	42.5	<2	<2	<0.5	0.04	0.46	0.9	0.23
WTM05-10	94940	56	57	1	3	<10	3	15	9	5	19.5	48.8	<2	<2	<0.5	0.05	0.45	1.04	0.31
WTM05-10	94941	67.8	68.7	0.9	8	<10	3	19	9	4	53.8	30.6	<2	<2	<0.5	0.03	0.25	0.62	0.29
WTM05-10	94942	71.7	72.7	1	**238**	<10	3	54	16	26	47.8	63.1	<2	<2	<0.5	0.03	0.88	1.68	0.16
WTM05-10	94943	72.7	73.7	1	6	<10	2	16	11	10	17.3	49.6	<2	<2	<0.5	0.04	0.63	1.33	0.25
WTM05-10	94944	73.7	74.7	1	8	<10	<1	56	15	18	180	47.6	<2	<2	<0.5	0.14	0.52	1.21	0.15
WTM05-10	94945	89	90	1	4	<10	9	84	6	10	58	15.7	<2	<2	<0.5	0.13	0.26	0.7	0.14
WTM05-10	94946	106.7	107.8	1.1	<1	<10	5	43	18	11	98	33.5	<2	<2	<0.5	0.12	0.43	0.89	0.17
WTM05-10	94947	107.8	108.8	1	2	<10	6	138	25	102	134	44.4	<2	<2	<0.5	0.2	0.87	2.76	0.02
WTM05-10	94948	108.8	109.9	1.1	<1	<10	5	109	26	86	77	58.8	<2	<2	<0.5	0.08	1.88	2.51	0.02
WTM05-10	94949	110.1	111	0.9	<1	<10	5	92	33	94	95.7	69.7	<2	<2	<0.5	0.08	1.47	1.88	0.04
WTM05-10	94950	111	111.6	0.6	8	<10	2	73	39	81	104	109	<2	2	<0.5	0.05	2.2	2.42	0.06
WTM05-10	94951	117	118	1	<1	<10	<1	49	14	21	84.6	23.6	<2	<2	<0.5	0.08	0.5	0.92	0.14
WTM05-10	94952	118	119	1	<1	<10	<1	41	7	14	48.7	22	<2	<2	<0.5	0.1	0.36	0.59	0.13
WTM05-10	94953	133	134.15	1.15	6	<10	<1	58	36	26	**344**	34.9	<2	<2	<0.5	0.12	0.71	1.28	0.15
WTM05-10	94954	134.15	135.3	1.15	<1	<10	<1	35	29	14	**386**	19.8	<2	<2	<0.5	0.07	0.63	1.01	0.13
WTM05-10	94955	141.8	142.6	0.8	<1	<10	6	109	10	60	21.7	16.4	<2	<2	<0.5	0.26	0.51	2.18	<0.01
WTM05-10	94956	142.6	143.6	1	12	<10	3	61	**70**	98	**521**	19.2	<2	<2	<0.5	0.17	0.51	1.45	<0.01
WTM05-10	94957	143.6	144.5	0.9	**25**	<10	<1	27	48	48	**472**	22.1	<2	<2	<0.5	0.34	0.38	2.84	0.03
WTM05-10	94958	144.5	145.7	1.2	1	<10	**14**	40	13	22	30.2	19.3	<2	<2	<0.5	0.44	0.22	3.09	0.11
WTM05-10	94959	145.7	146.7	1	3	<10	<1	51	10	5	83.6	35.1	<2	<2	<0.5	0.08	0.73	1.25	0.05
WTM05-10	94960	146.7	147.4	0.7	2	<10	<1	98	5	4	3.4	30.9	<2	<2	<0.5	0.05	0.49	0.84	0.04
WTM05-10	94961	147.4	148.4	1	8	<10	<1	42	13	10	5.2	39.7	<2	<2	<0.5	0.09	1.11	1.58	0.11
WTM05-10	94962	148.4	149.55	1.15	3	<10	<1	52	13	12	30.1	35.5	<2	<2	<0.5	0.09	0.99	1.46	0.13
WTM05-10	94963	152.1	153	0.9	<1	<10	<1	49	7	6	33.4	18.5	<2	<2	<0.5	0.08	0.5	0.73	0.02
WTM05-10	94964	153	154	1	4	<10	<1	60	17	28	48.7	38.6	<2	<2	<0.5	0.09	1.11	1.29	0.14
WTM05-10	94965	154	155	1	<1	<10	<1	44	26	39	97.9	38.8	<2	<2	<0.5	0.1	1.03	1.14	0.15
WTM05-10	94966	155	156.25	1.25	<1	<10	<1	50	27	41	86.1	54.2	<2	<2	<0.5	0.06	3.41	2.58	0.15
WTM05-10	94967	**156.25**	157.5	1.25	<1	<10	2	**556**	38	117	86	83.2	<2	<2	1.1	0.03	4.98	3.54	0.2
WTM05-10	94968	157.5	158	0.5	<1	<10	2	**407**	27	164	3.5	61.6	<2	<2	0.6	0.02	4.52	1.93	0.09
WTM05-10	94969	158	159.1	1.1	<1	<10	2	**1180**	41	171	2.2	107	<2	<2	1	0.02	6.59	3.58	0.2
WTM05-10	94970	159.1	160.1	1	<1	<10	2	**1210**	42	174	2.2	108	<2	<2	0.9	0.02	6.85	3.74	0.21
WTM05-10	94971	160.1	**161.2**	1.1	<1	<10	<1	**545**	40	**237**	7.2	88.9	<2	<2	0.7	0.02	5.03	2.78	0.17
WTM05-10	94972	163	164	1	2	<10	<1	49	21	37	71.1	19.9	<2	<2	<0.5	0.08	0.41	0.62	0.14
WTM05-10	94973	164	165	1	7	<10	<1	48	25	41	83.1	14.3	<2	<2	<0.5	0.07	0.29	0.49	0.14

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-10	94974	165	166	1	7	<10	<1	44	21	35	118	25.9	<2	<2	<0.5	0.11	0.44	0.7	0.13
WTM05-10	94975	166	167	1	12	<10	<1	44	10	7	21.4	49.3	<2	<2	<0.5	0.11	0.51	1.13	0.18
WTM05-10	94976	167	167.5	0.5	3	<10	<1	36	8	6	9.9	47.6	<2	<2	<0.5	0.11	0.54	1.11	0.15
WTM05-10	94977	170.4	171	0.6	3	<10	<1	38	19	14	26.3	84.2	<2	<2	<0.5	0.04	1.4	2.12	0.18
WTM05-10	94978	**173.3**	174.2	0.9	**30**	<10	<1	52	32	67	**763**	45.5	<2	2	<0.5	0.07	0.44	1.03	0.07
WTM05-10	94979	174.2	175.1	0.9	13	<10	<1	46	17	26	**215**	53.8	<2	<2	<0.5	0.08	0.48	0.85	0.14
WTM05-10	94980	175.8	176.5	0.7	**34**	<10	<1	40	31	54	**512**	59.4	<2	<2	<0.5	0.06	0.65	0.86	0.08
WTM05-10	94981	176.5	**177.3**	0.8	11	<10	<1	46	16	23	**222**	43.6	<2	<2	<0.5	0.06	0.46	0.69	0.13
WTM05-10	94982	177.3	178.4	1.1	3	<10	<1	50	11	10	26.6	55.8	<2	<2	<0.5	0.11	0.66	1.19	0.18
WTM05-10	94983	178.4	179.5	1.1	4	<10	<1	60	12	25	46.1	51.3	<2	<2	<0.5	0.07	0.88	1.27	0.08
WTM05-10	94984	179.5	180	0.5	9	<10	<1	57	10	10	146	27	<2	<2	<0.5	0.05	0.44	0.7	0.04
WTM05-10	94985	184.25	185	0.75	13	<10	5	78	23	70	**274**	17	<2	<2	<0.5	0.08	0.57	0.94	0.01
WTM05-10	94986	187.6	188.6	1	7	<10	<1	46	33	22	**238**	13.3	<2	<2	<0.5	0.09	0.31	0.65	0.12
WTM05-10	94987	188.6	189.7	1.1	14	<10	2	64	21	40	109	19.4	<2	<2	<0.5	0.08	0.59	1	0.08
WTM05-10	94988	204.2	204.8	0.6	4	<10	<1	49	21	21	78.5	34.9	<2	<2	<0.5	0.13	0.56	1.15	0.14
WTM05-10	94989	208	209	1	5	<10	<1	56	49	4	**249**	9.8	<2	<2	<0.5	0.1	0.3	0.6	0.24
WTM05-11	**94990**	12.5	13.5	1	4	<10	<1	82	23	42	124	47.4	<2	<2	<0.5	0.08	1.01	1.57	0.07
WTM05-11	**94991**	29.9	30.45	0.55	<1	<10	<1	106	24	61	56.6	45.6	<2	<2	<0.5	0.02	1.84	1.96	0.09
WTM05-11	**94992**	94.3	95	0.7	14	<10	<1	79	**63**	114	**640**	36.6	<2	<2	<0.5	0.1	0.94	1.51	0.07
WTM05-11	**94993**	95	95.5	0.5	**181**	<10	<1	61	25	51	**214**	56.3	<2	<2	<0.5	0.05	0.6	1.13	0.09
WTM05-11	**94994**	109.5	110	0.5	4	<10	<1	104	10	15	4.5	29.6	<2	<2	<0.5	0.06	1.04	1.55	0.05
WTM05-11	**94995**	112.25	113	0.75	4	<10	<1	105	13	42	17.1	37.1	<2	<2	<0.5	0.04	1.62	1.86	0.02
WTM05-11	**94996**	**140.15**	141	0.85	8	<10	9	349	38	**400**	96.1	44.5	<2	<2	<0.5	0.02	3.12	2.42	<0.01
WTM05-11	**94997**	141	142	1	8	<10	12	470	42	**470**	50.7	47.2	<2	<2	<0.5	<0.01	3.46	2.5	<0.01
WTM05-11	**94998**	142	143	1	**44**	<10	11	488	**54**	**555**	**249**	36.2	<2	<2	<0.5	0.01	4.02	2.47	<0.01
WTM05-11	**94999**	143	144	1	9	<10	11	442	45	**481**	50.2	27.2	<2	<2	<0.5	<0.01	3.08	1.87	<0.01
WTM05-11	**95000**	144	145	1	8	<10	12	**577**	**51**	**562**	27.3	36.1	<2	<2	<0.5	<0.01	4.11	2.43	<0.01
WTM05-11	**95551**	145	146	1	7	<10	13	**621**	**69**	**789**	129	27.4	<2	<2	<0.5	<0.01	4.62	1.76	<0.01
WTM05-11	**95552**	146	147	1	10	<10	12	**607**	**65**	**744**	94.7	33.2	<2	<2	<0.5	<0.01	5.38	2.14	<0.01
WTM05-11	**95553**	147	148.1	1.1	**25**	<10	12	**572**	40	**454**	107	28.8	<2	<2	<0.5	<0.01	3.18	1.55	<0.01
WTM05-11	**95554**	148.1	148.5	0.4	4	<10	3	19	**94**	**225**	1.5	150	<2	<2	<0.5	0.01	8.34	7.6	0.03
WTM05-11	**95555**	148.5	149.1	0.6	3	<10	3	75	20	66	1.8	35.5	<2	<2	<0.5	0.09	1.7	1.53	0.03
WTM05-11	**95556**	149.1	150	0.9	**37**	<10	**18**	**417**	**65**	**513**	102	76.8	<2	<2	<0.5	<0.01	4.95	3.92	0.01
WTM05-11	**95557**	150	150.8	0.8	**38**	<10	**19**	**437**	**59**	**552**	212	54.4	<2	<2	<0.5	<0.01	4.97	3.35	0.01
WTM05-11	**95558**	150.8	152	1.2	**47**	20	**37**	**772**	**68**	**744**	**361**	36.8	<2	<2	<0.5	<0.01	4.82	1.96	<0.01
WTM05-11	**95559**	152	153	1	12	10	**31**	**498**	**63**	**709**	151	28.5	<2	<2	<0.5	<0.01	4.17	1.58	<0.01
WTM05-11	**95560**	153	154	1	8	<10	**28**	**477**	**60**	**568**	105	25.7	<2	<2	<0.5	<0.01	4.17	1.42	<0.01
WTM05-11	**95561**	154	155	1	3	<10	**24**	**449**	**60**	**576**	64.7	24.2	<2	<2	<0.5	<0.01	4.22	1.42	<0.01
WTM05-11	**95562**	155	156	1	3	<10	**24**	**618**	**65**	**635**	54	28.1	<2	<2	<0.5	<0.01	5	1.81	<0.01
WTM05-11	**95563**	156	157	1	2	<10	**26**	**583**	**69**	**737**	81.5	24.2	<2	<2	<0.5	<0.01	4.38	1.64	<0.01
WTM05-11	**95564**	157	157.6	0.6	3	<10	**21**	**767**	**63**	**700**	96.9	34.6	<2	<2	<0.5	<0.01	5.33	1.91	<0.01
WTM05-11	**95565**	157.6	158.35	0.75	9	<10	**20**	**745**	**50**	**511**	97	169	<2	24	<0.5	<0.01	3.16	1.71	<0.01
WTM05-11	**95566**	158.35	**158.9**	0.55	9	<10	**14**	**519**	39	**356**	119	60.3	<2	<2	<0.5	0.01	3.54	2.54	0.02
WTM05-11	**95567**	169.45	169.9	0.45	2	<10	3	111	11	26	38	17.3	<2	4	1.4	0.08	0.66	0.95	0.02
WTM05-11	**95568**	180	181.2	1.2	5	<10	3	97	16	65	80.8	22.4	<2	<2	<0.5	0.07	1.14	1.4	0.02
WTM05-11	**95569**	181.2	182	0.8	15	<10	**24**	**835**	55	**707**	**299**	57.6	<2	<2	<0.5	0.01	3.12	2.55	<0.01
WTM05-11	**95570**	182	183	1	8	<10	7	65	24	130	215	51.6	<2	<2	<0.5	0.09	1.06	1.37	0.12
WTM05-11	**95571**	183	183.65	0.65	2	<10	2	78	15	27	30.3	43	<2	<2	<0.5	0.1	1.14	1.5	0.12

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-11	**95572**	183.65	184.4	0.75	2	<10	3	61	10	27	15	34.7	<2	<2	<0.5	0.1	0.89	1.06	0.13
WTM05-11	**95573**	184.4	185.45	1.05	4	<10	2	41	23	13	79.9	53.5	<2	<2	<0.5	0.09	1.2	1.61	0.35
WTM05-11	**95574**	185.45	186	0.55	3	<10	3	43	31	28	142	61.6	<2	<2	<0.5	0.09	1.23	1.93	0.37
WTM05-11	**95575**	203	204	1	2	<10	2	39	18	9	55.6	41.4	<2	<2	<0.5	0.14	0.69	1.27	0.29
WTM05-11	**95576**	217.3	218.4	1.1	3	<10	2	36	23	13	73.7	62.7	<2	<2	<0.5	0.12	0.93	1.38	0.22
WTM05-11	**95577**	231	232	1	2	<10	3	24	14	7	8.6	44.9	<2	<2	<0.5	0.16	0.74	1.09	0.32
WTM05-12	95585	21	22	1	8	<10	<1	89	14	141	74.5	14.2	<2	<2	<0.5	0.38	1.39	5.36	<0.01
WTM05-12	95586	22	23	1	8	<10	<1	69	19	258	**212**	12.1	<2	<2	<0.5	0.39	1.21	5.25	<0.01
WTM05-12	95587	23	24	1	3	<10	<1	39	11	73	**254**	9.5	<2	<2	<0.5	0.44	0.98	5.62	<0.01
WTM05-12	95588	24	25	1	2	<10	2	107	10	74	49.2	10.2	<2	<2	<0.5	0.38	1.07	5.51	<0.01
WTM05-12	95589	**25**	26	1	6	10	**15**	99	37	**666**	**282**	9.9	<2	<2	<0.5	0.34	0.93	4.94	<0.01
WTM05-12	95590	26	27	1	9	<10	**12**	142	30	**329**	**289**	17.2	<2	2	<0.5	0.19	1.59	3.69	<0.01
WTM05-12	95591	27	28	1	7	<10	3	221	43	**439**	**262**	27.6	<2	3	<0.5	0.29	2.81	5.77	0.01
WTM05-12	95592	28	29	1	3	<10	3	91	17	176	123	10.4	<2	<2	<0.5	0.15	0.95	2.6	<0.01
WTM05-12	95593	29	30	1	**98**	<10	8	101	63	**1020**	**3170**	21.7	<2	<2	<0.5	0.23	0.78	3.33	0.02
WTM05-12	95594	30	31	1	**26**	<10	4	62	24	**499**	**556**	7.3	<2	<2	<0.5	0.21	0.57	2.96	<0.01
WTM05-12	95595	31	32	1	3	<10	2	131	11	86	41.1	11.5	<2	<2	<0.5	0.51	1.47	5.23	<0.01
WTM05-12	95596	32	33	1	4	<10	3	203	23	194	104	20.6	<2	<2	<0.5	0.33	2.67	4.68	<0.01
WTM05-12	95597	33	34	1	3	<10	2	100	13	91	49.1	12.1	<2	<2	<0.5	0.48	1.58	5.2	<0.01
WTM05-12	95598	34	35	1	9	<10	10	86	27	**404**	**407**	11.9	<2	<2	<0.5	0.58	1.44	6.02	<0.01
WTM05-12	95599	35	36	1	3	<10	3	79	14	92	65.1	11.4	<2	<2	<0.5	0.43	1.51	4.69	<0.01
WTM05-12	95600	36	37	1	3	<10	3	89	18	98	55	14.4	<2	<2	<0.5	0.25	1.66	3.58	<0.01
WTM05-12	95601	37	38	1	3	<10	3	85	14	108	60.9	11.2	<2	<2	<0.5	0.55	1.49	5.69	<0.01
WTM05-12	95602	38	39	1	3	<10	3	75	13	96	43.2	9.3	<2	<2	<0.5	0.56	1.38	5.86	<0.01
WTM05-12	95603	39	40	1	3	<10	3	136	12	85	25.1	7.9	<2	<2	<0.5	0.52	1.55	5.68	<0.01
WTM05-12	95604	40	41	1	4	10	**14**	401	27	251	94.7	12	<2	<2	<0.5	0.14	2.98	3.28	<0.01
WTM05-12	95605	41	42	1	4	10	**13**	381	18	156	53.6	11.8	<2	<2	<0.5	0.19	2.51	3.24	0.01
WTM05-12	95606	**42**	43	1	8	10	**15**	**747**	36	**368**	193	18.8	<2	<2	<0.5	0.04	4.32	3.46	<0.01
WTM05-12	95607	43	44	1	**20**	20	**21**	**867**	45	**689**	**588**	16.5	<2	<2	<0.5	0.02	3.94	3.13	0.01
WTM05-12	95608	44	45	1	**26**	20	**41**	**1050**	73	**1500**	**1010**	9.2	<2	<2	<0.5	<0.01	2.66	1.82	<0.01
WTM05-12	95609	45	46	1	9	<10	4	279	18	175	104	15.1	<2	<2	<0.5	0.18	2.67	3.52	<0.01
WTM05-12	95610	46	47	1	9	<10	6	240	18	165	158	13.4	<2	<2	<0.5	0.19	2.15	3.58	<0.01
WTM05-12	95611	47	48	1	7	<10	9	456	27	**321**	53.5	17.6	<2	<2	<0.5	0.05	3.57	2.96	<0.01
WTM05-12	95612	48	49	1	**82**	20	**37**	**945**	71	**1600**	**1570**	13.7	<2	<2	<0.5	<0.01	4.47	3.29	0.01
WTM05-12	95613	49	50	1	13	30	**35**	**1790**	48	**913**	**376**	7.9	<2	<2	<0.5	<0.01	3.18	1.96	0.01
WTM05-12	95614	50	51	1	6	20	**31**	**1160**	41	**671**	159	5.4	<2	<2	<0.5	<0.01	2.64	1.32	0.01
WTM05-12	95615	51	52	1	7	10	**22**	**1020**	34	**472**	171	3.4	<2	<2	<0.5	<0.01	2.44	1.09	<0.01
WTM05-12	95616	52	**52.8**	0.8	5	10	**20**	**1080**	22	**256**	98.2	3.8	<2	<2	<0.5	<0.01	2.15	1.18	<0.01
WTM05-12	95617	52.8	53.75	0.95	2	<10	2	98	5	13	17.9	12.7	<2	<2	<0.5	0.05	0.61	0.82	0.03
WTM05-12	95618	66	67	1	15	10	30	**862**	20	195	**227**	4.1	<2	<2	<0.5	<0.01	1.77	0.98	<0.01
WTM05-12	95619	69.3	70	0.7	**105**	<10	4	54	11	28	93	18.8	<2	<2	<0.5	0.05	1.55	1.76	0.02
WTM05-12	95620	70	71	1	3	<10	2	39	6	13	6.9	11.9	<2	<2	<0.5	0.05	0.82	1.03	0.03
WTM05-12	95621	71	72.1	1.1	2	<10	3	43	9	18	4.3	18.3	<2	<2	<0.5	0.04	0.92	1.19	0.05
WTM05-12	95622	72.1	73	0.9	15	20	31	**918**	33	**402**	235	13.8	<2	2	<0.5	<0.01	2.42	1.32	0.01
WTM05-12	95623	86	87	1	6	<10	3	133	27	146	77.2	35.8	<2	<2	<0.5	0.02	2.44	2.56	<0.01
WTM05-12	95624	98	99	1	5	<10	7	**799**	57	**454**	146	41.2	<2	<2	<0.5	0.01	3.38	2.53	<0.01
WTM05-12	95625	111	111.9	0.9	2	<10	3	166	19	87	23	30.3	<2	<2	<0.5	0.15	2.07	2.47	<0.01
WTM05-12	95626	120	121	1	5	<10	3	216	20	102	82	25.9	<2	<2	<0.5	0.26	2.14	3	<0.01

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-12	95627	128	129.1	1.1	3	<10	3	95	8	16	20.9	13	<2	<2	<0.5	0.05	0.68	0.88	0.06
WTM05-12	95628	137	138	1	6	10	12	465	39	**309**	55.1	51.5	<2	<2	<0.5	0.03	3.5	2.8	<0.01
WTM05-12	95629	138	139	1	9	<10	13	**652**	50	**392**	157	59.2	<2	<2	<0.5	0.01	4.14	3.26	<0.01
WTM05-12	95630	145	146	1	15	<10	2	52	40	72	99.7	47.8	<2	<2	<0.5	0.09	1.36	1.45	<0.01
WTM05-12	95631	150	151	1	4	<10	3	36	47	71	194	46.1	<2	<2	<0.5	0.08	0.9	1.11	0.02
WTM05-12	95632	151	151.8	0.8	3	<10	3	45	38	54	99.3	42.8	<2	2	<0.5	0.09	0.65	0.92	0.02
WTM05-12	95633	164.5	165.5	1	3	<10	2	39	39	27	111	47	<2	<2	<0.5	0.12	0.55	0.92	0.02
WTM05-12	95634	170	171	1	3	<10	2	35	31	22	85.8	46.7	<2	<2	<0.5	0.08	0.63	0.9	0.03
WTM05-12	95635	171	172	1	3	<10	2	39	37	35	133	39.3	<2	<2	<0.5	0.11	0.62	1	0.02
WTM05-12	95636	176	177	1	2	<10	2	32	28	26	81.3	34	<2	<2	<0.5	0.13	0.49	0.86	<0.01
WTM05-12	95637	186.3	187	0.7	3	<10	2	45	26	42	42.9	41.8	<2	<2	<0.5	0.08	1.39	1.59	<0.01
WTM05-12	95638	206	207	1	3	<10	4	123	22	89	61.9	32.8	<2	<2	<0.5	0.19	1.26	1.97	<0.01
WTM05-12	95639	217.9	218.9	1	3	<10	3	121	34	82	101	27.5	<2	<2	<0.5	0.12	0.92	1.29	0.01
WTM05-12a	**95578**	66.5	67.5	1	2	<10	7	86	20	82	51.3	23.7	<2	<2	<0.5	0.14	1.44	1.88	<0.01
WTM05-12a	**95579**	71	72	1	2	<10	5	77	21	84	42.6	21.6	<2	<2	<0.5	0.15	1.5	1.84	<0.01
WTM05-12a	**95580**	76.45	76.9	0.45	12	<10	3	87	12	13	186	28	<2	3	<0.5	0.05	0.51	0.82	0.03
WTM05-12a	**95581**	83.3	83.9	0.6	3	<10	3	73	22	37	150	20.7	<2	2	<0.5	0.06	0.74	1.1	0.03
WTM05-12a	**95582**	83.9	85	1.1	5	<10	4	86	21	64	127	24.9	<2	<2	<0.5	0.11	1.41	1.69	<0.01
WTM05-12a	**95583**	87	88	1	5	<10	3	86	39	106	**231**	34.8	<2	<2	<0.5	0.07	1.26	1.54	0.02
WTM05-12a	**95584**	92.2	92.7	0.5	**35**	<10	3	110	18	38	**311**	25.5	<2	<2	<0.5	0.05	1.05	1.34	0.03
WTM05-13	95640	65	66	1	3	<10	2	67	9	26	9.3	21.3	<2	<2	<0.5	0.15	0.98	1.58	<0.01
WTM05-13	95641	66	67	1	7	<10	12	255	29	**246**	166	41.9	<2	<2	<0.5	0.04	2.12	1.97	0.08
WTM05-13	95642	67	68	1	**22**	<10	13	275	28	193	**217**	52.5	<2	<2	<0.5	0.03	2.38	2.47	0.07
WTM05-13	95643	68	69	1	3	<10	3	76	10	29	47.6	25.1	<2	<2	<0.5	0.07	0.9	0.93	0.14
WTM05-13	95644	69	70	1	3	<10	3	79	18	28	75.4	52.8	<2	4	<0.5	0.08	1.45	1.62	0.14
WTM05-13	95645	70	71	1	2	<10	2	52	20	75	8	53.3	<2	<2	<0.5	0.11	2.02	2.66	0.02
WTM05-13	95646	71	72	1	10	<10	7	207	25	144	25	58.6	<2	<2	<0.5	0.05	2.32	2.69	0.03
WTM05-13	95647	**72**	72.75	0.75	9	<10	**20**	352	27	**321**	110	37.1	<2	<2	<0.5	0.05	1.94	2.09	0.02
WTM05-13	95648	72.75	73.2	0.45	**36**	**30**	**99**	323	80	**1820**	**581**	71.5	<2	5	<0.5	0.06	1.78	1.92	0.03
WTM05-13	95649	73.2	**74**	0.8	**22**	20	**62**	**551**	58	**1150**	**496**	38	<2	<2	<0.5	0.06	1.9	1.92	0.04
WTM05-13	95650	74	75.2	1.2	6	<10	9	65	12	68	65.7	44.1	<2	<2	<0.5	0.07	0.97	1.24	0.07
WTM05-13	95651	75.2	75.95	0.75	7	<10	5	58	13	44	81.8	47.5	<2	<2	<0.5	0.06	1.06	1.34	0.05
WTM05-13	95652	75.95	**77**	1.05	**24**	20	**41**	62	23	**554**	**417**	71.1	<2	<2	<0.5	0.06	1.33	1.79	0.11
WTM05-13	95653	77	78	1	5	<10	2	65	18	71	101	71.6	<2	<2	<0.5	0.11	1.64	2.16	0.12
WTM05-13	95654	78	79.2	1.2	13	<10	12	92	17	179	204	62.6	<2	<2	<0.5	0.1	1.11	1.53	0.09
WTM05-13	95655	79.2	80	0.8	3	<10	4	84	14	56	43.4	36.3	<2	<2	<0.5	0.08	0.81	1.06	0.04
WTM05-13	95656	80	80.9	0.9	3	<10	14	114	19	142	96.5	51.4	<2	<2	<0.5	0.1	1	1.34	0.05
WTM05-13	95657	89.4	90	0.6	4	<10	3	106	19	11	**200**	49.4	<2	2	<0.5	0.1	0.95	2.01	0.09
WTM05-13	95658	90	91.1	1.1	5	<10	2	113	13	28	45.5	59	<2	4	<0.5	0.09	0.97	1.53	0.08
WTM05-13	95659	91.1	92	0.9	3	<10	3	115	13	56	59.1	31.8	<2	<2	<0.5	0.12	1.15	1.49	0.04
WTM05-13	95660	92	93	1	3	<10	3	79	11	29	51.9	36.9	<2	<2	<0.5	0.07	0.81	1.12	0.06
WTM05-13	95661	93	93.4	0.4	3	<10	3	90	11	28	34.7	41.2	<2	<2	<0.5	0.07	0.89	1.27	0.06
WTM05-13	95662	107	108	1	3	<10	3	105	7	6	12.3	38.3	<2	<2	<0.5	0.07	0.64	1.15	0.09
WTM05-13	95663	117	118	1	2	<10	3	77	6	5	6.8	50.7	<2	<2	<0.5	0.09	0.47	1.07	0.09
WTM05-13	95664	138.2	139	0.8	4	<10	3	24	17	49	62.4	56.3	<2	2	1.9	0.11	1.19	1.51	0.08
WTM05-13	95665	139	140	1	5	<10	3	22	20	87	83.2	55.9	<2	<2	<0.5	0.15	1.35	1.75	0.05
WTM05-13	95666	**146**	147	1	4	<10	9	**762**	30	**271**	43.5	48.4	<2	<2	<0.5	0.02	3.02	2.65	0.01
WTM05-13	95667	147	148	1	8	<10	14	**1340**	46	**484**	177	47.8	<2	<2	<0.5	0.02	4.01	3.36	0.01

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-13	95668	148	149	1	9	<10	11	1380	46	454	178	38.7	<2	2	<0.5	0.01	3.91	3.07	0.02
WTM05-13	95669	149	150	1	12	10	25	1290	71	1300	1010	26.2	<2	<2	<0.5	<0.01	3.34	2.67	0.01
WTM05-13	95670	150	151.1	1.1	2	<10	4	928	39	447	117	38.9	<2	<2	<0.5	<0.01	3.33	2.87	0.01
WTM05-13	95671	160.6	161.7	1.1	4	<10	2	37	14	25	128	28.2	<2	<2	<0.5	0.06	0.64	1.06	0.06
WTM05-13	95672	161.7	162.75	1.05	6	<10	2	44	25	28	286	34.2	<2	<2	<0.5	0.07	0.65	1.1	0.06
WTM05-13	95673	162.75	164	1.25	4	<10	2	71	19	46	201	46.5	<2	<2	<0.5	0.11	0.81	1.42	0.08
WTM05-13	95674	164	165	1	3	<10	2	110	14	68	35.7	71.7	<2	<2	<0.5	0.07	1.25	1.82	0.14
WTM05-13	95675	165	166	1	22	20	41	177	25	311	198	54.5	<2	<2	<0.5	0.08	1.16	1.88	0.08
WTM05-13	95676	166	166.85	0.85	2	<10	3	45	10	15	23.3	32.9	<2	5	4.1	0.07	0.57	1.1	0.07
WTM05-13	95677	175.9	176.9	1	3	<10	2	78	17	68	17.3	37.4	<2	<2	<0.5	0.05	1.57	1.92	0.05
WTM05-13	95678	186	187	1	1	<10	1	65	13	54	35.9	35.3	<2	<2	<0.5	0.09	0.98	1.59	0.05
WTM05-13	95679	197	198	1	6	<10	3	92	20	103	112	27.5	<2	2	<0.5	0.12	0.96	1.7	0.04
WTM05-13	95680	204.4	205.4	1	2	<10	3	80	17	103	38.5	24.9	<2	<2	<0.5	0.05	1.17	1.63	0.03
WTM05-13	95681	214.85	216	1.15	3	<10	<1	103	21	134	56.9	34.7	<2	<2	<0.5	0.33	1.63	3.07	0.01
WTM05-13	95682	216	217	1	2	<10	2	82	14	69	65.1	20.3	<2	<2	<0.5	0.06	0.81	1.12	0.02
WTM05-13	95683	217	218	1	3	<10	2	76	19	92	113	26.2	<2	<2	<0.5	0.06	0.91	1.23	0.03
WTM05-13	95684	218	219	1	6	<10	2	129	17	71	58.2	43	<2	<2	<0.5	0.05	1.3	1.7	0.02
WTM05-13	95685	219	219.75	0.75	2	<10	2	181	15	79	18.2	49.1	<2	<2	<0.5	0.04	1.65	1.99	0.02
WTM05-13	95686	219.75	220.5	0.75	2	<10	2	105	12	70	27.6	24.6	<2	<2	<0.5	0.13	1.09	1.86	0.01
WTM05-13	95687	220.5	221.5	1	2	<10	2	73	9	38	40.5	18.6	<2	<2	<0.5	0.08	0.53	1.11	0.04
WTM05-14	95701	38.85	39.45	0.6	2	<10	2	22	24	31	28.5	69.1	<2	<2	<0.5	0.07	1.69	2.49	0.27
WTM05-14	95702	39.45	40.75	1.3	6	<10	2	37	27	35	49.1	78.1	<2	<2	<0.5	0.04	1.75	2.91	0.24
WTM05-14	95703	85.5	86.7	1.2	2	<10	3	268	32	70	65.3	67.3	<2	<2	<0.5	0.07	2.65	2.64	0.15
WTM05-14	95704	86.7	87.3	0.6	1	<10	2	90	7	28	1.6	17.4	<2	<2	<0.5	<0.01	0.59	0.75	<0.01
WTM05-14	95705	87.3	88	0.7	1	<10	2	15	11	25	7.2	28.9	<2	<2	<0.5	<0.01	1.06	0.85	0.02
WTM05-14	95706	88	88.6	0.6	1	<10	5	355	38	225	<0.5	87.3	<2	2	<0.5	0.01	4.69	2.92	0.19
WTM05-14	95707	88.6	89.25	0.65	2	<10	4	818	39	240	7.3	88.1	<2	2	0.5	0.02	5.85	3.36	0.16
WTM05-14	95708	89.25	90.2	0.95	1	<10	2	85	13	49	2.8	35.3	<2	<2	<0.5	<0.01	1.33	1.74	0.07
WTM05-14	95709	90.2	91	0.8	1	<10	2	239	27	106	<0.5	78.3	<2	<2	<0.5	0.01	2.86	4.04	0.01
WTM05-14	95710	121.5	122.5	1	3	<10	2	20	15	16	20.6	46.2	<2	<2	<0.5	0.05	0.37	0.72	0.3
WTM05-14	95711	122.5	123.25	0.75	2	<10	2	14	13	17	9	116	<2	<2	<0.5	0.03	0.4	0.81	0.37
WTM05-14	95712	123.25	124.25	1	15	<10	3	28	44	37	208	73.8	<2	<2	<0.5	0.03	0.78	1.31	0.04
WTM05-14	95713	124.25	124.8	0.55	2	<10	3	41	4	7	16.1	25.1	<2	3	<0.5	0.02	0.32	0.68	0.03
WTM05-14	95714	124.8	125.2	0.4	14	<10	2	29	68	62	410	62	<2	<2	<0.5	0.03	0.44	0.91	0.09
WTM05-14	95715	125.2	125.6	0.4	9	<10	2	23	34	14	236	114	<2	<2	<0.5	0.03	0.26	0.91	0.21
WTM05-14	95716	125.6	126	0.4	19	<10	3	24	53	85	1180	84.2	<2	<2	<0.5	0.02	0.31	0.72	0.03
WTM05-14	95717	126	127	1	12	<10	3	23	44	47	295	53.7	<2	2	<0.5	0.03	0.4	0.83	0.03
WTM05-14	95718	127	128	1	5	<10	2	35	27	32	175	37.5	<2	<2	<0.5	0.05	0.47	0.96	0.03
WTM05-14	95719	128	129	1	18	<10	3	27	43	48	500	41.3	<2	<2	<0.5	0.04	0.22	0.63	0.05
WTM05-14	95720	129	129.75	0.75	3	<10	3	79	30	204	74.9	62.3	<2	3	<0.5	0.06	3.13	1.16	0.17
WTM05-14	95721	129.75	131	1.25	14	<10	2	24	14	36	281	35.2	<2	<2	<0.5	0.03	0.3	0.68	0.02
WTM05-14	95722	131	132	1	49	<10	2	28	42	51	407	26.4	<2	2	<0.5	0.04	0.29	0.76	0.03
WTM05-14	95723	132	133	1	17	<10	3	24	14	71	760	26.4	<2	<2	<0.5	0.03	0.26	0.68	0.03
WTM05-14	95724	133	134	1	41	<10	4	25	74	92	894	32.2	<2	<2	<0.5	0.03	0.15	0.47	0.02
WTM05-14	95725	134	135	1	32	<10	2	27	58	79	584	28.1	<2	<2	<0.5	0.03	0.19	0.55	0.03
WTM05-14	95726	135	136	1	15	<10	2	38	36	52	354	20.2	<2	<2	<0.5	0.05	0.16	0.52	0.03
WTM05-14	95727	136	136.6	0.6	11	<10	2	32	20	32	258	32.9	<2	2	<0.5	0.1	0.36	0.94	0.03
WTM05-14	95728	136.6	137.35	0.75	2	<10	2	12	3	5	14.9	47.1	<2	<2	<0.5	0.11	0.57	1.51	0.33

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-14	95729	137.35	138	0.65	1	<10	2	31	7	8	5.7	24.1	<2	<2	<0.5	0.06	0.19	0.62	0.25
WTM05-14	95730	138	139.2	1.2	2	<10	2	33	9	8	10.1	30.1	<2	<2	<0.5	0.08	0.23	0.79	0.32
WTM05-14	95731	139.2	140.4	1.2	1	<10	2	46	9	25	19.6	30.3	<2	<2	<0.5	0.13	0.63	1.27	0.11
WTM05-14	95732	140.4	140.8	0.4	3	<10	2	23	9	7	45.7	33.2	<2	<2	<0.5	0.05	0.48	1.11	0.32
WTM05-14	95733	140.8	141.15	0.35	1	<10	3	82	7	21	7.2	26.6	<2	<2	<0.5	0.06	0.54	0.91	0.11
WTM05-14	95734	141.15	142	0.85	2	<10	2	11	9	7	11.3	40.1	<2	<2	<0.5	0.12	0.48	1.34	0.3
WTM05-14	95735	142	143	1	3	<10	2	19	15	21	68.7	35.7	<2	<2	<0.5	0.04	0.43	0.94	0.26
WTM05-14	95736	143	144	1	3	<10	2	41	9	28	34.9	31.2	<2	<2	<0.5	0.05	0.53	1.13	0.04
WTM05-14	95737	144	145	1	3	<10	2	26	13	35	61.2	33.7	<2	<2	<0.5	0.1	0.54	1.21	0.05
WTM05-14	95738	145	146	1	4	<10	3	38	19	41	62.7	30.9	<2	<2	<0.5	0.09	0.35	1.17	0.05
WTM05-14	95739	146	147	1	2	<10	2	68	5	26	9	19.2	<2	<2	<0.5	0.17	0.16	1.36	0.04
WTM05-14	95740	147	148	1	6	<10	2	37	19	47	101	17.1	<2	<2	<0.5	0.15	0.11	1.41	0.03
WTM05-14	95741	148	149	1	13	<10	2	44	19	49	103	25.1	<2	<2	<0.5	0.15	0.34	1.55	0.04
WTM05-14	95742	149	150	1	7	<10	3	42	32	54	103	14.4	<2	<2	<0.5	0.14	0.19	1.12	0.05
WTM05-14	95743	150	151	1	5	<10	2	52	14	44	119	15.8	<2	<2	<0.5	0.12	0.23	0.95	0.04
WTM05-14	95744	151	152.1	1.1	9	<10	3	28	35	75	151	17.4	<2	<2	<0.5	0.06	0.4	0.94	0.04
WTM05-14	95745	152.1	153	0.9	2	<10	4	62	20	69	112	26.2	<2	<2	<0.5	0.1	0.44	0.93	0.03
WTM05-14	95746	153	154	1	3	<10	4	57	17	73	94.2	25.6	<2	<2	<0.5	0.07	0.64	1.17	0.03
WTM05-14	95747	154	155	1	3	<10	4	76	27	109	68	31.5	<2	<2	<0.5	0.04	1.38	2.39	0.02
WTM05-14	95748	155	156	1	6	<10	2	27	19	24	44.6	52.8	<2	<2	<0.5	0.02	0.81	1.62	0.24
WTM05-14	95749	156	157	1	**98**	<10	3	28	25	23	174	39.6	<2	<2	<0.5	0.08	0.52	1.2	0.25
WTM05-14	95750	157	158	1	**73**	<10	3	24	23	22	179	35	<2	<2	<0.5	0.05	0.5	1.11	0.23
WTM05-14	95751	158	159	1	3	<10	3	31	10	1	33.1	21.9	<2	<2	<0.5	0.07	0.42	0.94	0.21
WTM05-14	95752	159	160	1	6	<10	2	20	11	<1	51.8	16.9	<2	<2	<0.5	0.04	0.36	0.71	0.19
WTM05-14	95753	160	161	1	5	<10	3	37	14	3	59.3	20.3	<2	<2	<0.5	0.06	0.38	0.78	0.17
WTM05-14	95754	161	162	1	4	<10	2	7	18	2	84.3	23.1	<2	<2	<0.5	0.09	0.5	1.04	0.21
WTM05-14	95755	162	162.8	0.8	3	<10	2	66	14	3	61.1	22.7	<2	<2	<0.5	0.09	0.51	1	0.19
WTM05-14	95756	162.8	163.4	0.6	3	<10	2	59	18	15	59.5	29.1	<2	<2	<0.5	0.05	0.95	1.52	0.16
WTM05-14	95757	163.4	164	0.6	3	<10	3	71	12	27	18.2	59.2	<2	<2	<0.5	0.1	0.88	1.83	0.09
WTM05-14	95758	164	165	1	3	<10	3	67	10	27	16.6	42.5	<2	<2	<0.5	0.06	0.75	1.48	0.06
WTM05-14	95759	165	166	1	3	<10	2	72	11	14	8.2	34.9	<2	<2	<0.5	0.11	0.65	1.44	0.21
WTM05-14	95760	166	167	1	3	<10	3	53	8	11	8.2	27.7	<2	<2	<0.5	0.08	0.32	0.8	0.23
WTM05-14	95761	167	167.55	0.55	2	<10	2	60	9	6	8.3	43.8	<2	<2	<0.5	0.1	0.49	1.11	0.22
WTM05-14	95762	167.55	168.3	0.75	2	<10	2	51	10	10	8	39.6	<2	<2	<0.5	0.07	0.52	1.18	0.16
WTM05-14	95763	168.3	169	0.7	12	<10	2	56	40	65	**314**	30.9	<2	<2	<0.5	0.11	0.34	1.07	0.06
WTM05-14	95764	169	170	1	6	<10	3	59	21	50	149	27.6	<2	<2	<0.5	0.1	0.28	0.94	0.05
WTM05-14	95765	170	171	1	7	<10	3	74	26	63	149	15.3	<2	<2	<0.5	0.12	0.22	1.13	0.05
WTM05-14	95766	171	172	1	6	<10	3	72	29	45	139	32.9	<2	<2	<0.5	0.15	0.3	1.26	0.09
WTM05-14	95767	172	173	1	4	<10	4	72	29	63	**262**	54.2	<2	<2	<0.5	0.12	0.89	1.96	0.08
WTM05-14	95768	173	174	1	**32**	<10	7	151	63	192	**524**	36.7	<2	2	<0.5	0.2	0.25	2.01	0.02
WTM05-14	95769	174	175	1	6	<10	8	219	28	112	184	21.5	<2	<2	<0.5	0.41	0.48	4.4	0.02
WTM05-14	95770	175	176	1	3	<10	9	184	28	132	69	12.2	<2	<2	<0.5	0.47	0.33	4.67	<0.01
WTM05-14	95771	176	177	1	3	<10	9	170	23	119	71.9	11.9	<2	<2	<0.5	0.34	0.37	3.1	0.01
WTM05-14	95772	177	178	1	3	<10	6	160	30	121	148	18	<2	<2	<0.5	0.28	0.45	2.36	0.04
WTM05-14	95773	178	179	1	1	<10	2	113	20	62	41.9	35.9	<2	<2	<0.5	0.14	0.9	2.02	0.08
WTM05-14	95774	179	180.15	1.15	1	<10	2	97	18	62	46.6	33.7	<2	<2	<0.5	0.1	0.82	1.68	0.08
WTM05-14	95775	180.15	180.4	0.25	2	<10	2	91	14	28	44.3	25.4	<2	2	<0.5	0.06	0.51	1.06	0.04
WTM05-14	95776	180.4	181	0.6	1	<10	3	111	20	71	53.3	34	<2	<2	<0.5	0.2	0.74	2.1	0.07

2005 West Timmins Diamond Drill Assay Results

Hole ID	Sample ID	from	to	Lenght	Au FAI30P 1 PPB	Pt FAI30P 10 PPB	Pd FAI30P 1 PPB	Cr ICP12B 1 PPM	Co ICP12B 1 PPM	Ni ICP12B 1 PPM	Cu ICP12B 0.5 PPM	Zn ICP12B 0.5 PPM	Ag ICP12B 2 PPM	Pb ICP12B 2 PPM	Be ICP12B 0.5 PPM	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %
WTM05-14	95777	181	181.8	0.8	2	<10	2	129	16	88	46.9	22.4	<2	<2	<0.5	0.29	0.71	2.33	0.06
WTM05-14	95778	181.8	182.3	0.5	2	<10	3	119	31	178	65.4	41	<2	7	0.7	0.17	3.91	2.18	0.3
WTM05-14	95779	182.3	183	0.7	2	<10	8	265	17	105	36.7	15.3	<2	3	<0.5	0.53	0.33	4.49	0.01
WTM05-14	95780	183	184	1	4	<10	8	266	41	173	211	19.1	<2	<2	<0.5	0.5	0.45	5.4	<0.01
WTM05-14	95781	184	185	1	3	<10	8	287	31	144	130	17.5	<2	<2	<0.5	0.61	0.51	6.64	<0.01
WTM05-14	95782	185	186	1	4	<10	10	291	26	143	125	52.2	<2	2	<0.5	0.61	0.22	6.77	<0.01
WTM05-14	95783	186	187	1	2	<10	9	249	19	110	87.4	12.9	<2	<2	<0.5	0.63	0.24	6.96	<0.01
WTM05-14	95784	187	188	1	2	<10	10	287	23	132	70.9	13.6	<2	<2	<0.5	0.62	0.37	6.82	<0.01
WTM05-14	95785	188	188.6	0.6	2	<10	10	291	21	109	59.1	20.1	<2	2	<0.5	0.53	0.57	5.81	0.01
WTM05-14	95786	188.6	189.3	0.7	3	<10	<1	79	20	74	104	146	<2	<2	<0.5	0.03	0.42	0.71	0.01
WTM05-14	95787	189.3	190	0.7	3	<10	3	231	21	85	165	56.5	<2	<2	<0.5	0.38	0.48	4.3	0.02
WTM05-14	95788	190	191	1	2	<10	8	280	22	114	106	17.9	<2	<2	<0.5	0.63	0.19	5.32	0.02
WTM05-14	95789	191	192	1	4	<10	5	360	32	123	107	44.6	<2	<2	<0.5	0.29	0.78	2.44	0.02
WTM05-14	95790	192	193	1	21	<10	<1	65	25	53	166	71.4	<2	<2	<0.5	0.07	0.4	0.8	0.03
WTM05-14	95791	193	194	1	7	<10	<1	89	11	35	69.4	33.8	<2	<2	<0.5	0.1	0.35	0.72	0.04
WTM05-14	95792	194	195	1	4	<10	<1	71	24	41	92.6	52.5	<2	<2	<0.5	0.07	0.44	0.7	0.02
WTM05-14	95793	195	196	1	<1	<10	<1	105	14	43	9.2	56.1	<2	<2	<0.5	0.11	0.88	1.1	0.03
WTM05-14	95794	196	197	1	5	<10	1	87	9	40	26.9	36.5	<2	<2	<0.5	0.07	0.39	0.68	0.02
WTM05-14	95795	197	198	1	2	<10	3	78	8	29	26.6	50.1	<2	<2	<0.5	0.09	0.49	0.96	0.02
WTM05-14	95796	198	199	1	7	<10	<1	62	8	23	91.6	39.8	<2	<2	<0.5	0.11	0.46	1.02	0.03
WTM05-14	95797	199	200	1	4	<10	<1	60	15	28	65.4	52.6	<2	<2	<0.5	0.13	0.74	1.35	0.03
WTM05-14	95798	200	201	1	5	<10	<1	65	9	18	46.4	34.6	<2	<2	<0.5	0.15	0.48	1.19	0.04
WTM05-14	95799	201	201.6	0.6	3	<10	<1	77	11	30	21.9	38.4	<2	<2	<0.5	0.21	0.63	1.46	0.04
WTM05-14	95800	201.6	202.4	0.8	4	<10	<1	51	9	20	28.8	29.4	<2	<2	<0.5	0.14	0.73	1.29	0.04
WTM05-14	94637	202.4	202.9	0.5	3	<10	<1	111	44	279	80.1	57.4	<2	5	1	0.17	5.73	1.97	0.24
WTM05-14	94638	202.9	204	1.1	8	<10	<1	50	14	20	56.6	48	<2	<2	<0.5	0.12	1.01	1.44	0.04
WTM05-14	94639	204	205	1	<1	<10	<1	34	20	12	15.8	56.9	<2	<2	<0.5	0.16	0.71	1.56	0.12
WTM05-14	94640	205	206	1	<1	<10	<1	53	14	22	18.2	41.6	<2	<2	<0.5	0.11	0.74	1.36	0.09
WTM05-14	94641	206	207	1	4	<10	<1	64	24	44	75.2	40.9	<2	<2	<0.5	0.16	0.94	1.74	0.04
WTM05-14	94642	207	208	1	4	<10	<1	72	20	46	86.2	32.2	<2	<2	<0.5	0.13	0.72	1.44	0.03
WTM05-14	94643	208	209	1	5	<10	5	54	20	21	57	34	<2	<2	<0.5	0.14	0.5	1.21	0.08
WTM05-14	94644	209	210	1	10	<10	1	53	26	39	92.5	40.7	<2	2	1.6	0.12	0.67	1.26	0.09
WTM05-14	94645	210	211	1	5	<10	<1	62	13	38	68.6	17.4	<2	<2	<0.5	0.23	0.35	1.65	0.04
WTM05-14	94646	211	212	1	13	<10	<1	72	14	40	40.9	15.3	<2	<2	<0.5	0.31	0.15	2.04	0.04
WTM05-14	94647	212	213	1	36	<10	<1	74	11	39	96.8	12.6	<2	<2	<0.5	0.31	0.18	2.19	0.04
WTM05-14	94648	213	214	1	20	<10	<1	76	13	41	89.6	12.3	<2	<2	<0.5	0.33	0.18	2.49	0.04
WTM05-14	94649	214	215	1	7	<10	<1	88	17	51	96.1	13.8	<2	<2	<0.5	0.26	0.23	1.64	0.04
WTM05-14	94650	215	216	1	3	<10	<1	81	9	34	58.4	15.3	<2	<2	<0.5	0.15	0.3	1.02	0.04

APPENDIX 8

IOS Petrographic Study

PETROGRAPHIC STUDY OF THREE SAMPLES OF ULTRAMAFIC LAMPROPHYRE

WEST TIMMINS PROJECT

Presented to
Mr. Michel LEBLANC, P.Geo
for
PACIFIC NORTHWEST CAPITAL CORP.

by
Lucie TREMBLAY, P. Geo.
Revised and translated
by
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IOS Services Géoscientifiques Inc.

Your number project:
Our number project: 580

Chicoutimi

30 January 2006

PETROGRAPHIC STUDY OF THREE SAMPLES OF ULTRAMAFIC LAMPROPHYRE
WEST TIMMINS PROJECT

INTRODUCTION

A set of three drill core samples, taken from two different drill holes, has been submitted to IOS Services Géoscientifiques inc. for a petrographic study. Samples were extracted from three different dykes of lamprophyric rocks within the 'West Timmins' project.

The scope of the study is to determine if these samples show affinities with kimberlitic rock.

SUMMARY OF OBSERVATIONS

Samples, submitted by Mr Leblanc, project geologist, were BQ drill core decimetric in length, taken from lamprophyric dykes and chosen with the author after examination of the core. According to Mr Leblanc, these dykes are introduced in an ultramafic body and show sharp contact with their host.

Dyke material is ultramafic, brecciate or fragmental, scattered with abundant centrimetric rounded to sub angular whitish peridotitic fragments set in a dark and fine grain serpentine and carbonate rich soft matrix. Fragments are similar in composition, olivine or serpentine dominated, coarse grained with visible reaction rims. Since host rock samples were not available to the author, no comparison between xenolite and host material is possible. However, coarseness of the material suggests a mantellic origin. Matrix is loaded with rounded serpentinized olivine macrocrysts, but no typical kimberlitic indicator minerals are visible. Such macrocrysts are definitely not from host rock. Carbonate segregations are visible locally. Matrix is made of fine grain phlogopite, diopside, olivine, spinels, perovskite, apatite and carbonate. Traces of sulphides as well as zircon, ilmenite and rutile were noted. Typical textures such as idiomorphic microphenocrystic olivines, carbonate segregations, atoll spinels, neck-lace spinels, madupidic phlogopites and mantled tetraferriphlogopites are present. Outline of mineral composition is listed in ***table 1.***

Xenolites

Two of the three samples contain abundant ultramafic xenolites. These are dominantly dunite, but harzburgite and

TABLE 1: SUMMARY OF MINERAL PHASES OBSERVED IN WEST-TIMMINS DYKES

	WTM-05-05 (174.2m)		WTM-05-04 (135.3m)		WTM-05-04 (78.9m)	
Xenolithe	**50**		**60**		**---**	
Dunite		38				
Pyroxenite		12				
Harburgite				60		
Segregation	**8**		**<1**		**25**	
Carbonate		5		<1		
Calcite						±17
Serpentine		2				
Talc		1				
Sulfate?		0,5				
Diopside?		tr				± tr
Zeolite						±4
Clay						±4
Ilmenite						tr
Apatite						tr
Macrocryst	**<1**		**6**		**---**	
Talc after OL?		<tr				
Serpentinized OL				6		
Red Chromite				tr		tr
Microphenocryst	**20**		**6**		**53**	
Olivine				tr		37
Phlogopite *		15				16
Pseudomorphosed OL		5		6		
Matrix	**9**		**13**		**16**	
Phlogopite				6		3
Diopside		5		5		7
Spinel		2		1,5		3
Perovskite		1		0,5		1,5
Ilmenite		1				0,5
Apatite		tr		tr		tr
Sulfurs		tr		tr		0,5
Zircon				tr		
Rutile						0,5
Mesostasis	**11**		**14**		**6**	
Carbonate		6		6		4
Serpentine-talc±chlorite		5		8		2
Total	**98**		**99**		**100**	

pyroxenite are noted. Relicts of orange garnet are suspected in harzburgite fragment as very corroded and resorbed grain. A few chromite xenocrysts are also noted. No chromium diopsides were noted.

Olivine

Olivine is ubiquitous, either as rounded to euhedral macrocrysts or as rounded to euhedral microphenocryst, scattered in matrix. Olivine is partly to totally altered into serpentine. Monticellite is not noted.

Phlogopite

Phlogopite is rather abundant in these rocks; the association of witch with olivine suggest the lamprophyric nature. It is either as flaky microphenocrysts and/or fine grain matrix felt, either poikilitic, madupidic or as mantled flakes. Strong zoning is noted in one sample, terminated by typical red tetraferriphlogopite rims. Various other minerals can be embedded as chadacrysts, such as olivine, spinels, perovskite. No macrocrystals books are noted.

Diopside

Diopside has been noted as a matrix phase in every sample, either as idiomorphic prisms, brownish or slightly zoned, as relict minerals, suspected as very tiny acicular bundles or as microcrystic felts with chlorite.

Spinels

Spinels are abundant in every sample as small crystals disseminated in matrix. Typical textures such as atoll or egg-shell are present, as well as neck-lace idiomorphic gains around olivine macrocrysts.

Perovskite

Perovskite is noted in most samples as small idiomorphic grains, similar in habit to spinels.

Ilmenite

Ilmenite is noted as matrix phase either as platy idiomorphic grains, xenomorphic grains or typical spongy altered grains. It is noted either isolated or in complex association with spinel, either mantled or cored by this mineral.

Rutile

Rutile is present as traces within the matrix of one sample. Very tiny rutile needles are noted in serpentinized olivine macrocrystals.

Apatite

Apatite has been noticed as small prisms, isolated or as radiated aggregates, either in association with carbonates or within talc-serpentine mesostasis.

Carbonate segregations

Carbonate segregations are noted in two samples. In one of them, carbonate develop combs, dog-teeth or dendritic textures indicative of cavity filling, along with what seems to be zeolite spar and clay felt.

DISCUSSION

Present samples shows similarities with both melnoïtes (also known as ultramafic lamprophyre, and more specifically aïllikite) as well as *bona fide* hypabyssal kimberlite (type I kimberlite). Characteristics of these rock types are listed in ***table 2***. Texturally, these shall be described as heterolitic segregated lamprophyric breccias.

These Timmins samples are very similar to what is described in Le Tac Township, Québec, an area which underwent sporadic diamond exploration in past 15 years, and currently under re-evaluation. The Le Tac swarm of dikes and diatreme are reknown as difficult to classify, and spurred controversy in regard of their affinity: *bona fides* kimberlite, lamprophyre, aïllikite, orangeïte. A recent study by the author indicates cross-cutting dikes with respectively kimberlitic and lamprophyric affinities. The Le Tac swarm is even mentioned in N.M.S Rock (1991) book on lamprophyre as

TABLE 2: SUMMARY OF PETROGRAPHIC FEATURES OF DIFFERENT TYPE OF ULTRAMAFIC ALCALINE ROCK (AFTER MITCHELL, 1995) AND COMPARISON WITH SAMPLES STUDIED

	Kimberlite	Melnoite	Orangeite	Lamproïte	Samples WTM05
Olivine (Macrocryst)	Abundant	Rare to abundant, rounded	Common to rare	Rare	Present
Olivine (Groundmass)	Common	Common, idiomorphic	Minor	Common (dog-tooths)	Commun
Monticellite	Common	Present	Absent	Absent	Not observed
Mica (Macrocryst)	Minor	Present	Common	Common	Not observed
Mica (Phenocryst)	Rare	Present	Common		Abundant
Mica (Matrice)	Common, Phlogopite-kinoshitalite	Al-Biotite	Common, phlogopite-tetraferriphlogopite, poikilitic plates	Common, Madupitic, Ti-Tetraferriphlogopite	
Spinel	Trend 1	Trend 2			
-Atoll	Very common	? Present		Rare	Commun
-Necklace	Present	? Present			Present
Perovskite	Sr, REE-poor	Sr, REE-poor	Rare, Sr, REE-rich	Rare, Sr, REE-rich	
Diopside	Absent	Comon, Al and Ti-rich	Common, Al and Ti-poor	Common, Al and Ti-poor	Common
Apatite	Sr, REE-poor	Sr, REE-poor	Sr, REE-rich	Common, Sr, REE-rich	
-Skeletal	Rare	Present			Present
Calcite	Abundant	Present to abundant	Common	Absent	abundant in WTM-05-4
Mn-Ilménite	Rare	Rare	Common	Very rare	

example of transitional material between kimberlite and ultramafic lamprophyre, and as part of his argument to link those two groups. The controversy is still under debate.

Detailed classification of these rocks will require extensive mineralogical work along with microprobe analysis upon matrix mineral and complex interpretation. It is not obvious to the author that a clear answer will be obtained, and that ambiguous conclusion is likely. Such work shall be postponed.

Whatsoever the nature of these dyke, classification is academic purpose. The true question is whether these rocks are worth for diamond exploration. In author's opinion, these rocks are close enough to a kimberlite to worth evaluating them for their diamond potential. Else than olivine macrocryst, mantle derived xenocysts are apparently seldom in them, just as Le Tac dykes. However, although very limited diamonds were founds up to now in Le Tac, diamond indicator minerals are present, and justify to pursue exploration efforts. The abundance of olivine macrocryst as well as abundance of ultramafic xenoliths is a strong indication that magma from Timmins dyke was capable to carry their load of mantellic fragments up to surface.

Considering that core has not been drilled using bits made with certified synthetic yellow diamond, the present samples shall not be submitted to caustic fusion to evaluate their diamond content. New samples will need to be acquired through either excavation or large diameter drilling.

It is recommended although that available sample being submitted for a study of their macrocristal content. Mantle derived minerals *("kimberlitic indicator minerals")* shall be extracted from rock with conventional attrition method, selected and analyzed. Chemical signature of these mineral can be use to evaluate the diamond potential of the dykes and establish the presence of the diamond window in the mantle. Such work, for the three dikes available, can be estimated at $3000.

Lucie TREMBLAY, P.Geo.

Réjean Girard, P. Geo.

PETROGRAPHIC STUDY OF THREE SAMPLES OF ULTRAMAFIC LAMPROPHYRE
WEST TIMMINS PROJECT

SAMPLE: #1
DDH: WTM05-05
DEPTH: 174.2m

LITHOFACIES: ULTRAMAFIC LAMPROPHYRE OR PHLOGOPITE-DIOPSIDE MELNOITE

MEGASCOPIC DESCRIPTION

The sample is a section of 24cm of half diamond BQ core. Rock is massive but loaded with ultramafic xenoliths. These are made of abundant zoned pale greenish anhedral fragments (40%), millimetre to centimetre in size, rimmed by alteration halo, rounded, amoeboid, or oblong in shape to rectangular or angular shape. Fine grain matrix is dark greyish green color composed mainly by serpentine and brown mica.

Fragments appear to be more abundant in center of the dyke, a phenomenon called "*Bagnol effect*" which is caused by dynamic laminar flow in the dyke. Two types of clusters seem present.

Matrix reacts very weakly to hydrochloric acid and moderately to hand magnet.

A thin polished section was manufactured in the sample.

MINERALOGY

MINERAL	%	Size	TEXTURE
Xenolith	***50***		
Dunite	38	5-15mm	Rounded fragment
Pyroxenite	12	30mm	Resorbed, corroded
Segregation	**8**	**1-3mm**	**Rounded to irregular**
Carbonate	5	≤0.40mm	Spathique
Serpentine	2	0.03mm	Felt
Talc	1	0.03mm	Felt
Sulfate?	0.5	≤0.25mm	Anhedral
Diopside?	tr	≤0.10mm	Relict
Macrocryst?	**1**	**1.5mm**	**Euhedral**
Talc	1	0.01mm	After OL?
Microphenocryst	***20***		
Phlogopite	15	0.2-1.2mm	Flakes, poikilitic
Olivine	5	1-2mm	Pseudomorphosed by ST

Matrix	***10***		
Diopside	5	.05-0.2mm	Prismatic
Spinel	2	≤0.05mm	Euhedral, zoned
Perovskite	1	≤0.06mm	Subrounded
Ilmenite	1	0.1mm	Platy, spongy
Apatite	tr	0.05mm	Fibrous, prismatic
Pyrite	tr	≤0.01mm	Subhedral,
Mesostasis	***11***		
Carbonate	6	0.20mm	Intergranular, spathic
Serpentine	3	0.03mm	Felt
Talc	2	0.03mm	Felt

OBSERVATION AND INTERPRETATION

XENOLITHS

Abundant xenoliths (≈50%) of dunite and pyroxenite are presents, millimetre to centimetre in size. Dunitic xenoliths are dominant, rounded, crackled and resorbed, composed of granular olivine (1-4mm) partly serpentinised, trace of intergranular red spinel, plus some pyroxene or amphibole. These fragments show an alteration halo made of a core of fresh olivine followed by serpentine and rimmed by talc.

The sole pyroxenite xenolith present is websteritic in composition, oblong shaped and strongly resorbed. Its border is partly assimilated or digested by matrix material. It is maded of orthopyroxene, clinopyroxene (diallage) and olivine in a coarse granular xenomorphic texture.

SEGREGATIONS

Segregations of carbonate are present (10%), millimetre in size, rounded to irregular in shape, with no sharp border with the surrounding matrix. These are composed of carbonate, serpentine and talc, with some dubious brown xenomorphic grain suspected as sulphate. Traces of relic diopsides are also present.

MACROCRYST

No relict macrocrystic olivine was directly observed. However, pseudomorphs (1%, <1,5 mm) suggestive of olivine crystal are noticed, replaced by talc felt or serpentine.

MICROPHENOCRYST

Phlogopite

Phlogopite is present as well defined flakes dominantly poikilitic. It is orange color, weakly zoned, with a pale green phlogopite rim. It is locally interfoliated by carbonate and weakly altered by chlorite. Spinel inclusions and pseudomorphs of talc-serpentine after olivine are hosted.

Phlogopite flakes are locally deformed and folded around carbonate segregations. No phlogopite macrocryst or *"books"* are present.

Olivine

Microphenocrysts of olivine are inferred by talc-serpentine pseudomorphes set within the matrix or as chadacrysts in poikilitic phlogopite.

MATRIX

Matrix is fine grain, rather homogeneous, strongly altered by micritic and spathic carbonate. It is made of relics prismatic diopside, spinels, traces of apatite, set in a mesostasis of talc-serpentine plus carbonate. Traces of sulphides are present. Diopside forms aggregates of prismatic grains, strongly altered by brown and cloudy phase or by carbonate. Apatite is prismatic or fibrous embeded inside carbonate mesostase and partly replaced by this latter.

Oxides are ubiquitous in the matrix, as spinels, perovskite, ilmenite and rutile. Spinels are dominantly homogeneous euhedral grains, although some are zoned or in egg-shell texture. Atoll and neck-lace textures seem not present in this sample. Ilmenite is platy in shape or anhedral and spongy. It is noted either as isolated grain or in complex association with spinel. Fine and isolated aggregate of rutile are present.

Sulphides (pyrite, chalcopyrite and others) are present in trace as fine disseminations in the matrix and impregnations in the talc-serpentine-carbonate blebs.

Photo 1: View of sample WTM05-05(#1) showing rounded peridotitic xenoliths with alteration rim in a phlogopite-serpentine rich matrix (NL, field of view: 20.4mm).

Photo 2: View showing rectangular and rounded xenoliths rimmed by alteration halo (NL, field of view: 20.4mm).

Photo 3: Xenoliths of dunite (left) and pyroxenite (right) rounded and resorbed (CP, Field of view: 20.4mm).

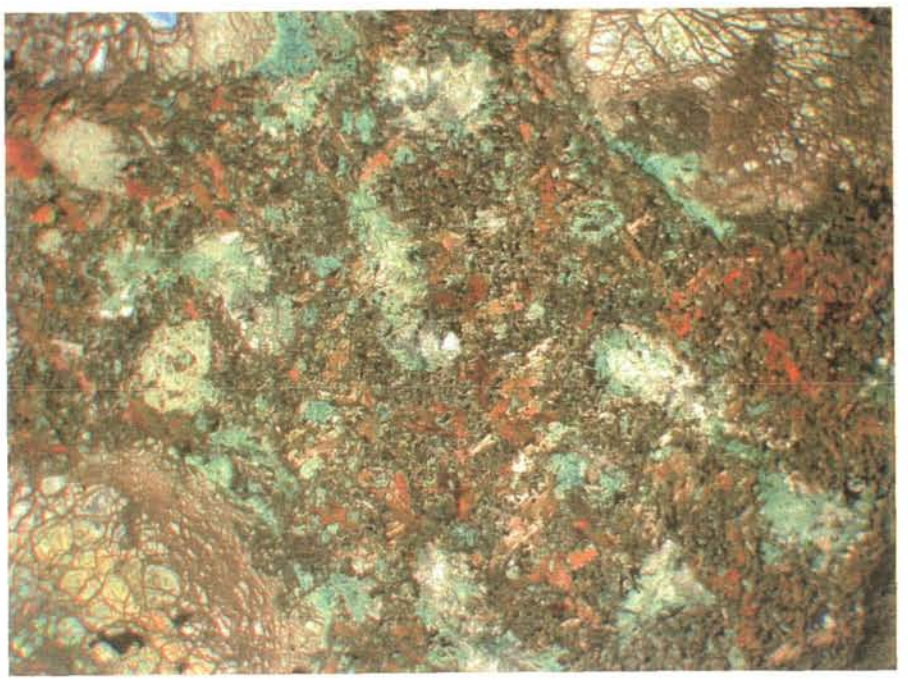

Photo 4: View showing segregations of carbonate-talc-serpentine in a matrix rich phlogopite (orange). We also notice the alteration rim of dunitic fragment (bottom left) (PL, Field of view: 14.8mm).

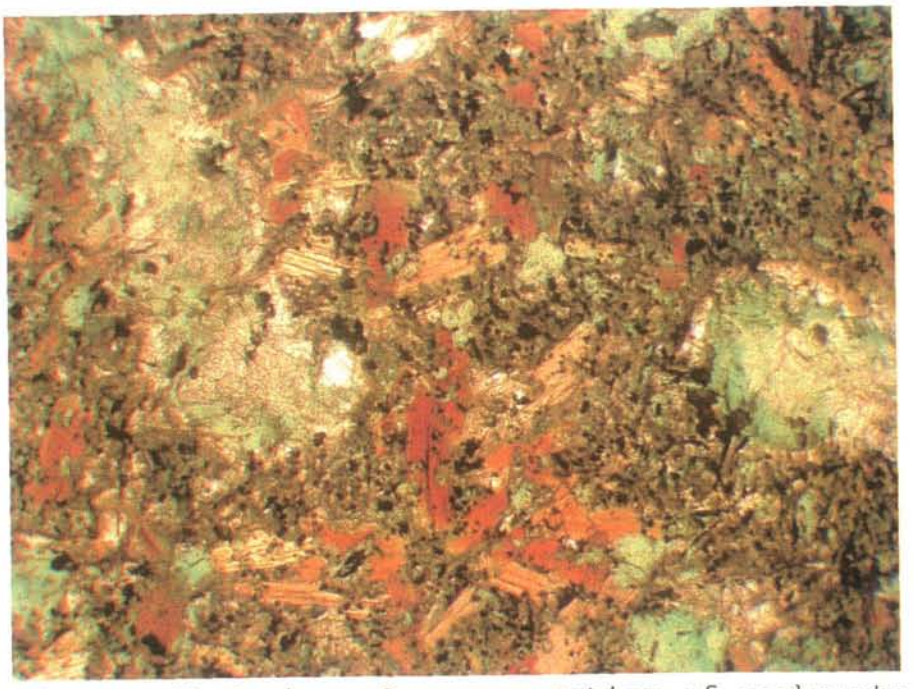

Photo 5: Detailed view of a segregation of carbonate-talc-serpentine in the matrix rich in phlogopite, diopside and oxides (PL, Field of view: 5.4mm).

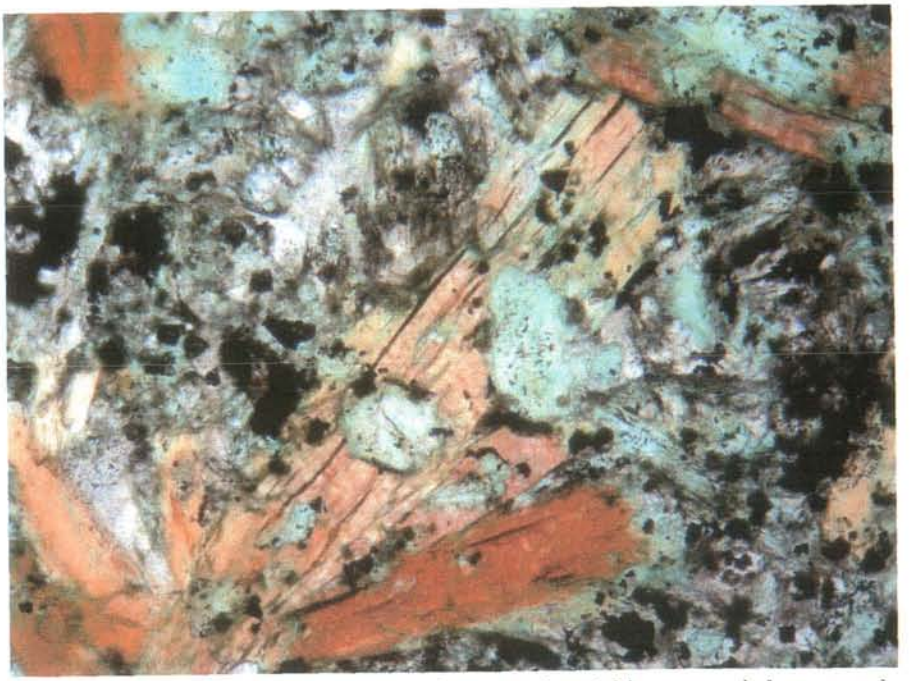

Photo 6: Poikilitic phlogopite embedding oxides and pseudomorphosed olivine chadacrysts? (PL, Field of view: 1.4mm).

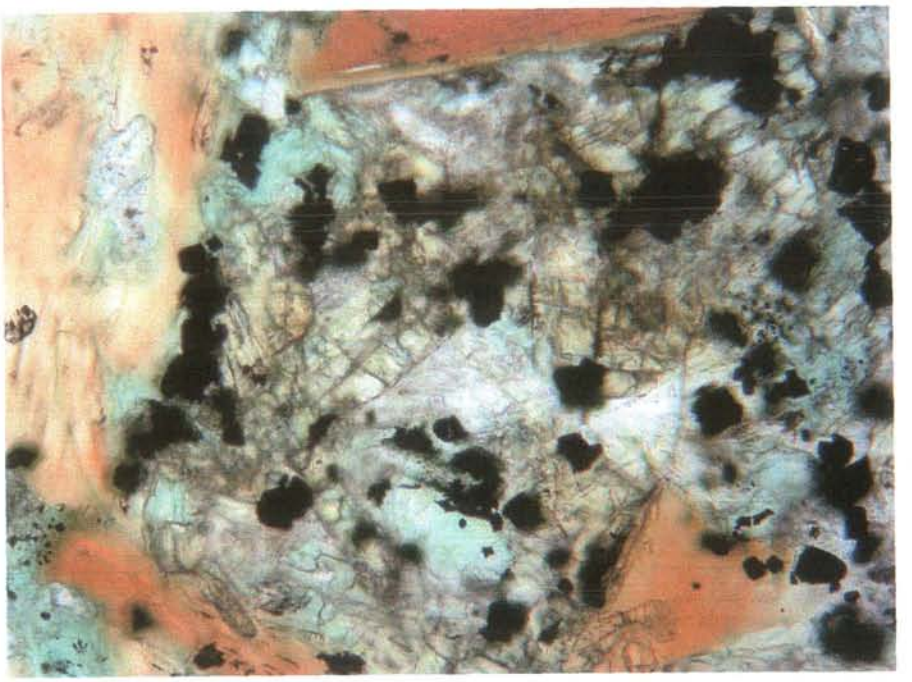

Photo 7: View showing prismatic diopside and euhedral spinel in the matrix enclosed by spathic carbonate. Notice the mantled phlogopite (top of photo)(PL, Field of view: 0.7mm).

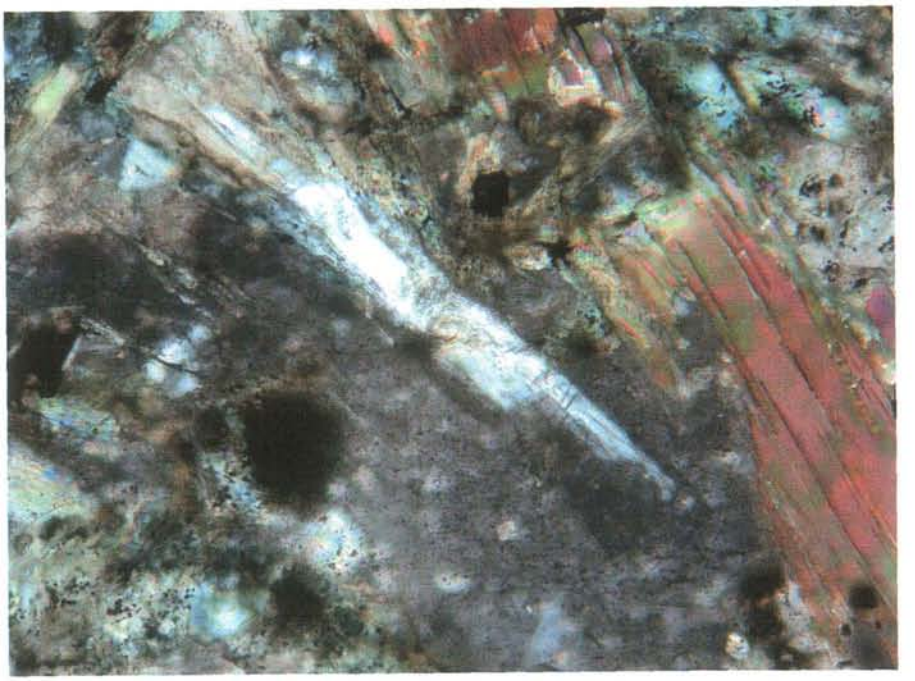

Photo 8: Fibrous apatite embedded by spathic carbonate (CP, Field of view: 0.7mm).

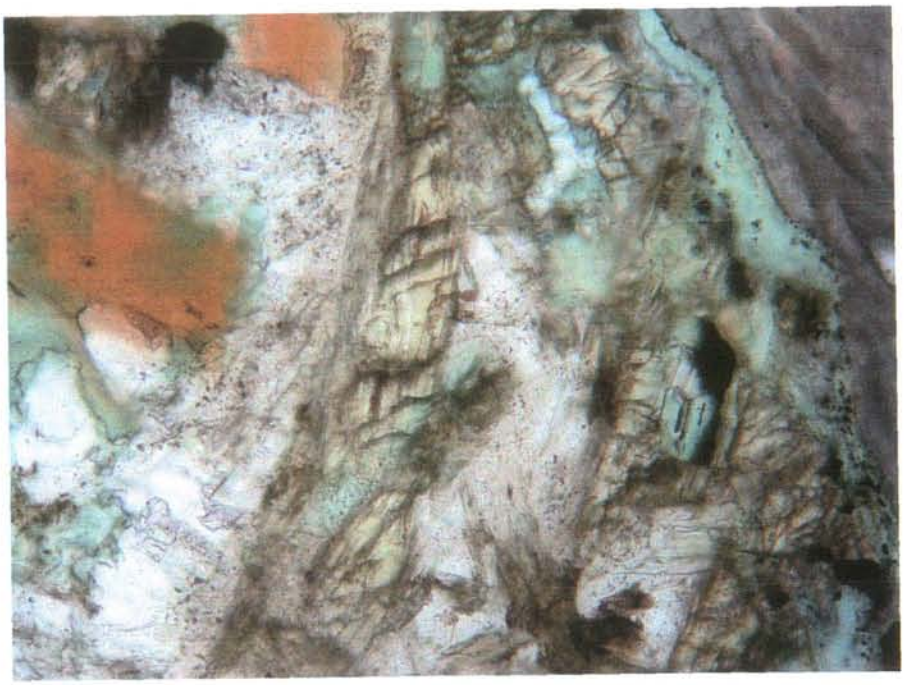

Photo 9: Relics of diopside strongly replaced by spathic carbonate (PL, Field of view: 0.7mm).

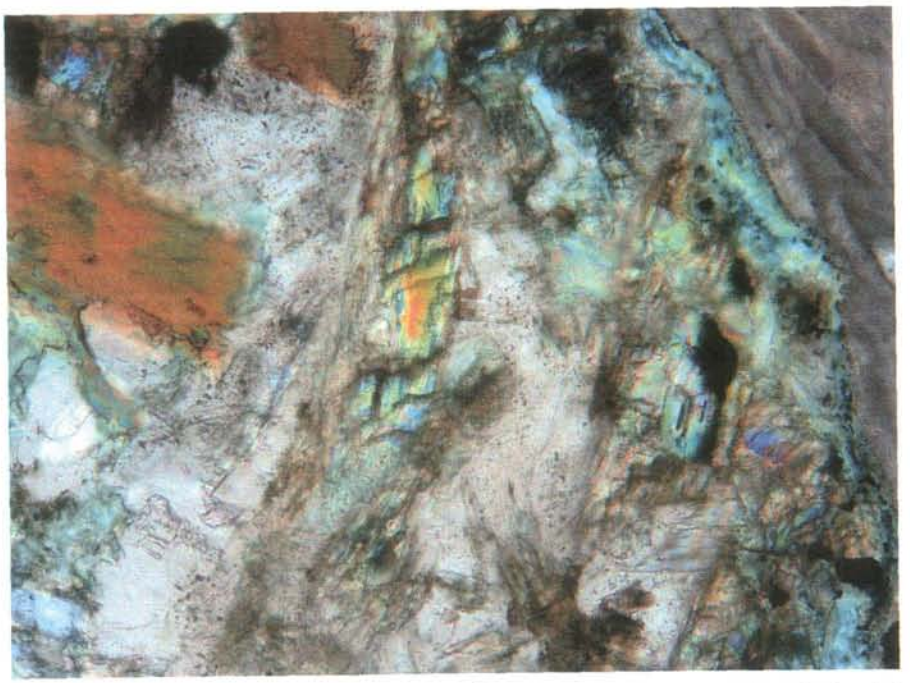

Photo 10: Same view as photo 9 under crossed nicholls (CP, Field of view: 0.7mm).

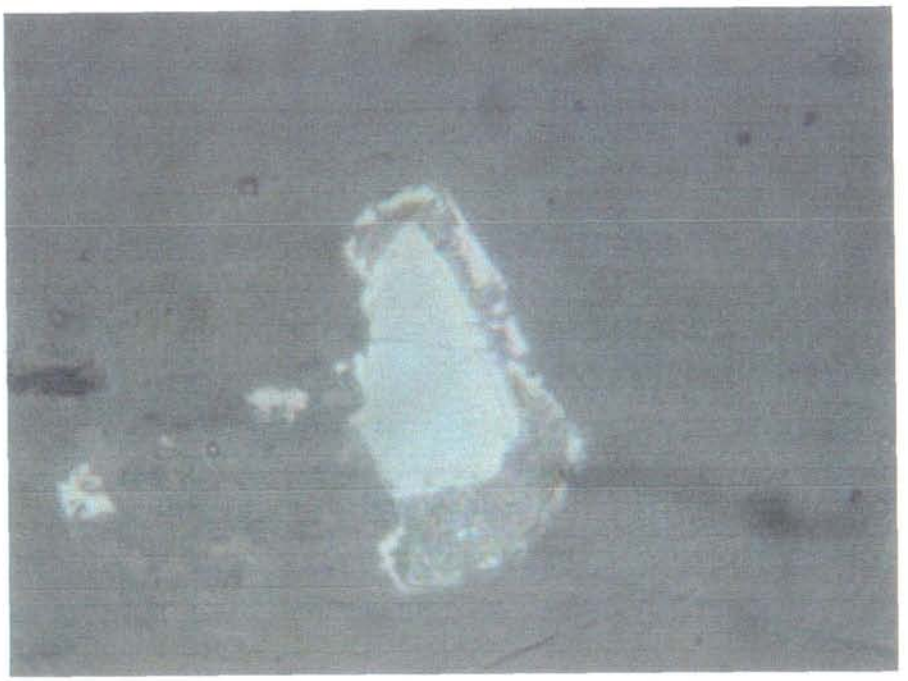

Photo 11: View showing an atoll spinel with a zoned core indicated by lower brightness (RL, Field of view: 0.1mm).

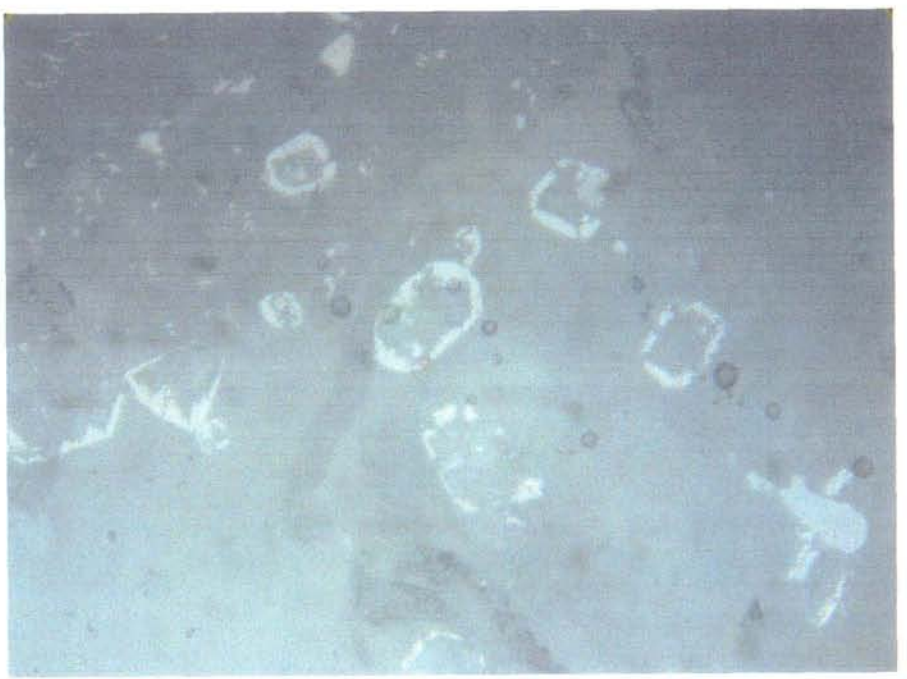

Photo 12: Egg shell texture spinel in the matrix (RL, Field of view 0.28mm).

SAMPLE: #2
DDH: WTM05-4
DEPTH: 135.3m

LITHOFACIES: ULTRAMAFIC LAMPROPHYRE OR PHLOGOPITE-DIOPSIDE MELNOITE

MEGASCOPIC DESCRIPTION

Sample WTM05-04 is a section of 27cm of half diamond core (calibre 4.7cm). Rock is dark green, heterogeneous, fragmental and massive, made of rounded or oval fragments, centimetre in size (7-8cm), outlined by a sharp border in contact with a fine grain matrix. Some fragments contain rounded relicts of yellow olivine, millimetre in size set in a fine grain and soft matrix. Some fragments also contain pink rounded grains suspected as garnet. Others are devoid of visible grains and seem to be similar to matrix.

Matrix is darker than the fragments with a more brownish tint. It reacts very weakly to hydrochloric acid. Both clusters and matrix react moderately to hand magnet.

Two thin polished sections were manufactured in this sample, both of which intersected matrix and different fragments.

MINERALOGY

MINERAL	%	Size	TEXTURE
Xenolith	***60***	***cm***	***Rounded, resorbed***
Harburgite	**60**	**cm**	**Granular**
Olivine	6	≤5mm	Relict granular
Opx	10	≤7mm	Granular, deformed
Serpentine	43	≤0.05mm	Fibrous, after OL
Spinel?	tr	≤0.3mm	Intergranular
Magnetite	0.5		Secondary
Pyrite	tr	≤0.01mm	Impregnation
Carbonate	tr	≤0.01mm	Micritic in fracture
Garnet?		≤0.13mm	Resorbed, relict
Segregation	**1**	≤1.5mm	Rounded
Carbonate	1		Spathic
Macrocryst	**6**	**0.5-2mm**	**Rounded to euhedral**
Serpentine	5		Alter OL
Olivine	1		Relict

Microphenocryst	***6***	***0.1-0.5mm***	***Subhedral***
Serpentine-talc	6		Alter OL
Olivine	tr		Relict
Matrix	***13***		
Phlogopite	6	≤2.5mm	Madupitic, poikilitic
Diopside	5	0.2mm	Prismatic, relict, fibrous
Carbonate	0.8	0.1mm	Euhedral or pseudomorph
Apatite	tr	0.5mm	Fibrous, prismatic
Zircon	tr	0.025mm	Granular
Chromite	tr	≤0.1mm	Fragmental, zoned
Spinels	1.5	≤0.025mm	Hypidiomorphic, zoned
Perovskite	0.5	≤0.2mm	Euhedral
Sulfures	tr	≤0.025mm	Anhedral
Mesostasis	**14**		
Carbonate	6		Micritic and spathic
Talc-serpentine ±Chlorite	8	0.025mm	Alter PH, felt

OBSERVATION AND INTERPRETATION

XENOLITH

Xenoliths are very abundant (≈60%), centimetre in diameter, rounded and resorbed. Those observed in thin sections are harzbugitic composition, made of serpentinized olivine, orthopyroxene, spinel, secondary magnetite and traces of sulphides. Olivine is partly altered by antigorite and chrysotile. Deformation is expressed as bent cleavages in pyroxene.

Relicts of granular and strongly resorbed phase suspected as garnet is present. These show peculiar texture made of microgranular aggregate of anhedral grains of mineral with a strong refringence. At their margin, coarser grains show an orange brownish color and isotropic habit, suggestive of garnet.

SEGREGATIONS

Rare rounded carbonate segregations are present, smaller then 1.5mm.

MACROCRYST (>0.5mm)

Olivine

Macrocryst of olivine replaced by serpentine (antigorite and chrysotile) are presents, up to 4mm in size. These are rounded to subhedral, rarely euhedral. Relicts of olivine are present locally, as well as talc and carbonate alteration.

MICROPHENOCRYST (0.1-0.5mm)

Microphenocrysts of olivine are present with the same habit than macrocryst, either euhedral or rounded, and seem to form a continuum with the latter. They are totally replaced by serpentine and talc. They are also found as chadacrysts in phlogopite.

MATRIX

Matrix is made of poikilitic and madupitic phlogopite, prismatic diopside, euhedral to subhedral spinels, perovskite, in a mesostasis of green chlorite, micritic and microspathic carbonate. Traces of apatite, zircon and sulphides are present.

Phlogopite forms large of poikilitic flakes (2.5mm) and madupitic aggregates loaded with inclusions of spinels and serpentinized olivine. No zonation is observed. Alteration by green chlorite and interfoliation of carbonate are developed.

Diopside is abundant as isolated and aggregate of prismatic grains. It is variably altered by a brown and dusty phase, cause of a cloudy aspect to matrix. Diopside is also suspected as very tiny acicular bundles or as microcrystic felts in association with chlorite.

Mesostasis is made of green felty phases composed of a mixture of serpentine, talc and ± chlorite and also by micritic and spathic carbonate. Spathic carbonate is also observed as euhedral crystal inside the felty green mesostasis.

Apatite forms prismatic isolated crystal and locally squelettic aggregate, usually associated with carbonate.

Oxides phases include red chromite, spinels, perovskite and rutile. Red chromites are scarce, fragmental, anhedral,

isolated, coarser than matrix spinels and suspected as xenocryst. Spinels are ubiquitous, euhedral to subhedral, usually zoned. Atoll textures are present as well as necklace texture characterized by euhedral spinel surrounding olivine macrocrysts. Perovskite is clearly identified, as brown euhedral crystal, with the same habit than spinels, an average size of 0.05mm and a maximum of 0.2mm.

Rutile forms tiny aggregates in the matrix. Secondary magnetite is associated to serpentinisation.

Sulphides are very small, either as fine impregnations in serpentinized olivine or as disseminations into matrix. At least four mineral were distinguished, the more abundant being millerite[1].

[1] Considering the smallness of the grains, their meaninglessness and inherent identification difficulty, the author did not persist in to accurately identify these phases.

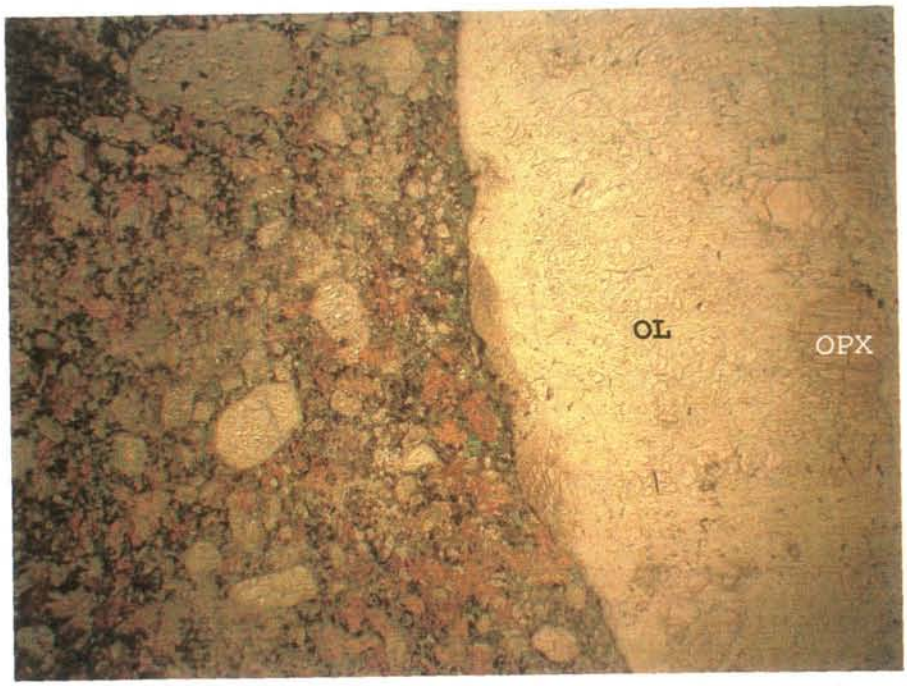

Photo 13: View of a large rounded harzburgitic xenolith (right) made of serpentinized olivine (OL) and orthopyroxene (OPX). Notice macrocrystic olivine set in matrix rich in madupitic phlogopite (PL, field of view: 20.4mm).

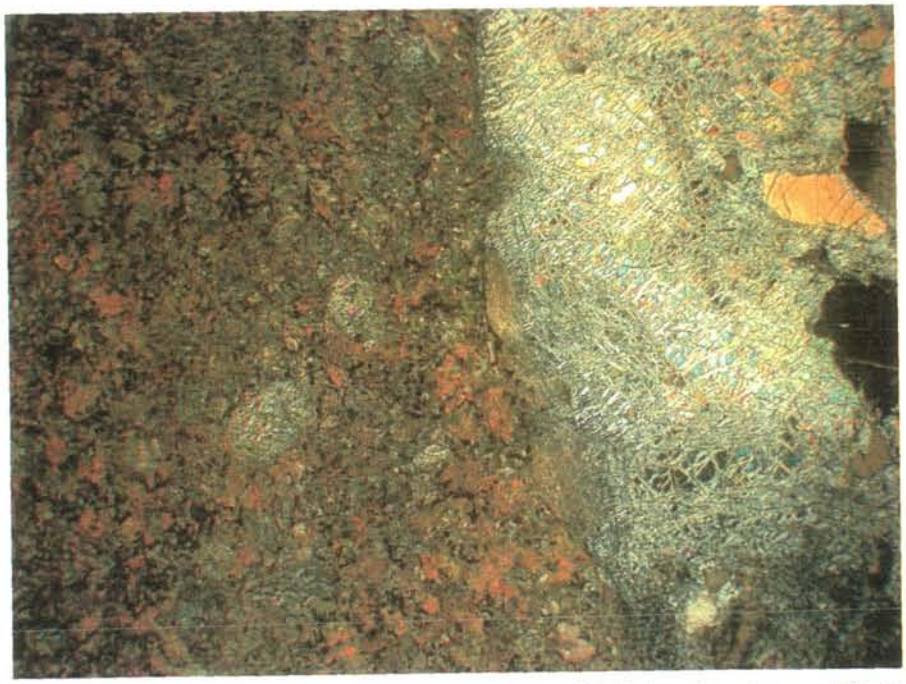

Photo 14: Same view as previous (CP, field of view: 20.4mm).

Photo 15: View of a harzburgitic xenolith made of serpentized olivine, orthopyroxene and resorbed (opaque) grains suspected as garnet (PL, field of view: 20.4mm).

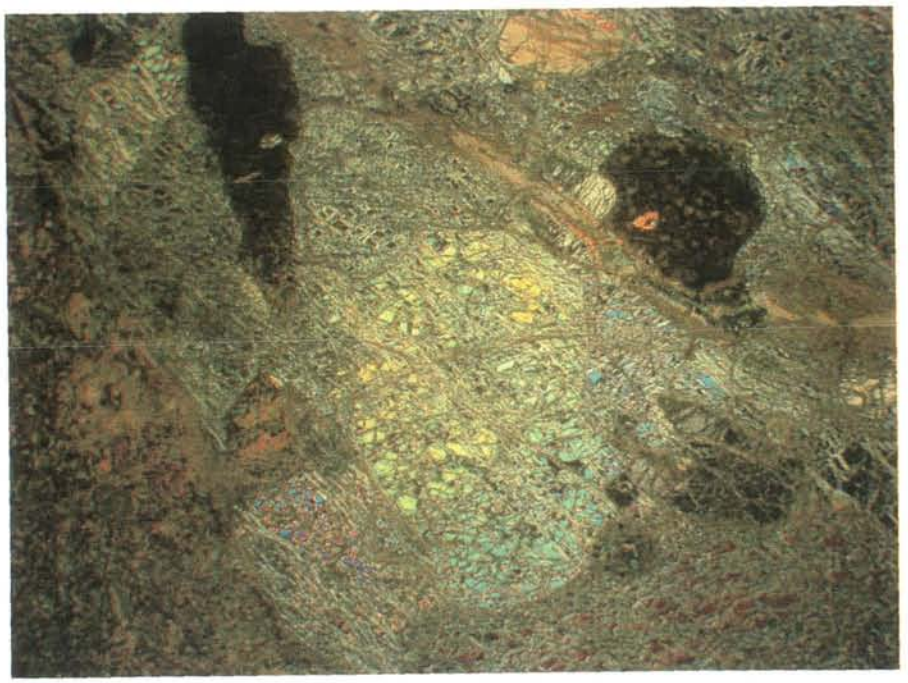

Photo 16: Same view as previous (CP, field of view: 20.4mm).

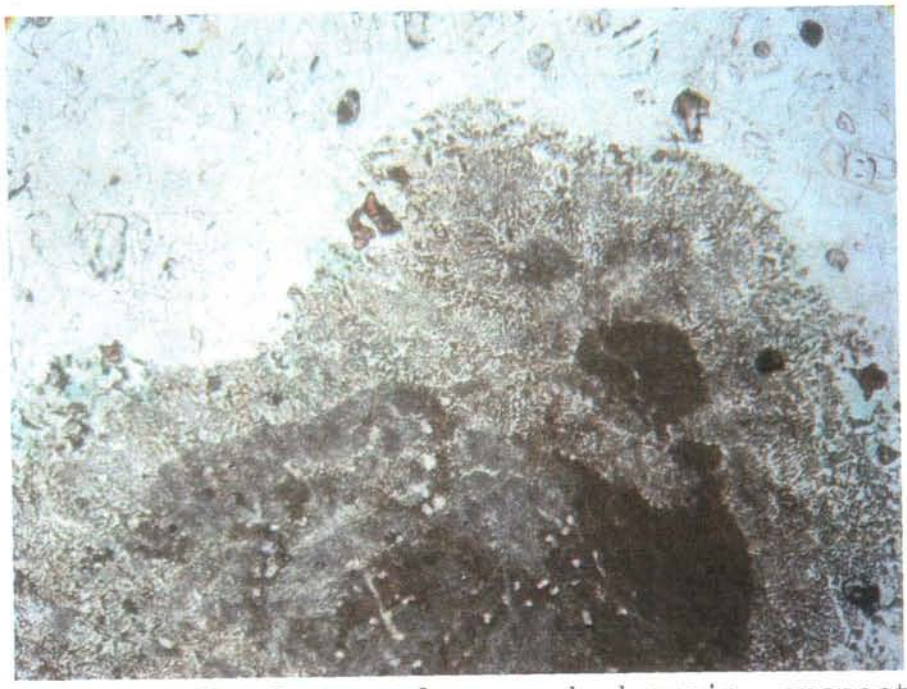

Photo 17: Detail of strongly resorbed grain, suspected as garnet, formed by very fine aggregate of anhedral grain (PL, field of view: 2.8mm).

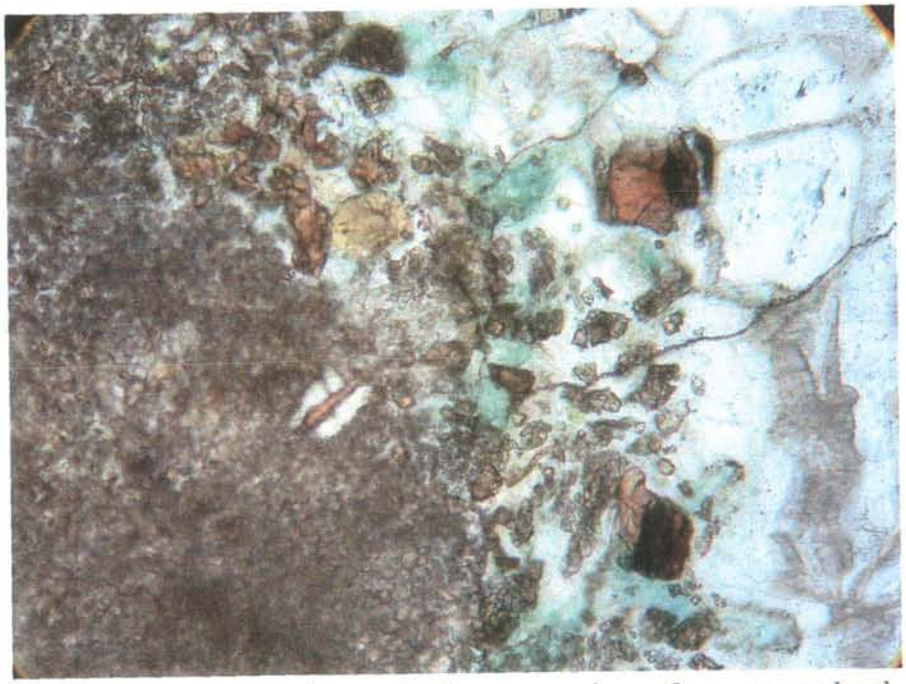

Photo 18: Detailed view of the margin of a resorbed grain, including coarse anhedral isotropic grain of dark orange color suspected as relict garnet (PL, field of view: 0.7mm).

Photo 19: View of anhedral to subhedral serpentinized olivine macrocrysts (PL, field of view: 8.7mm).

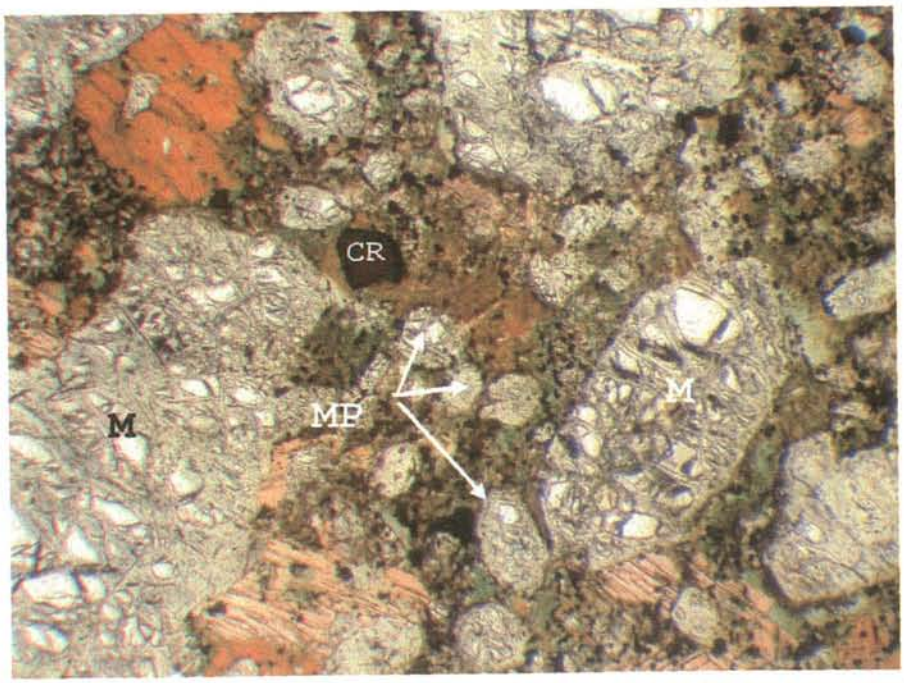

Photo 20: View of macrocrysts (M) and microphenocrysts (MP) of serpentinized olivine with either euhedral or subhedral habit. An isolated anhedral red chromite (CR) is visible, interpreted as microxenocryst set in the matrix (PL, field of view: 3.7mm).

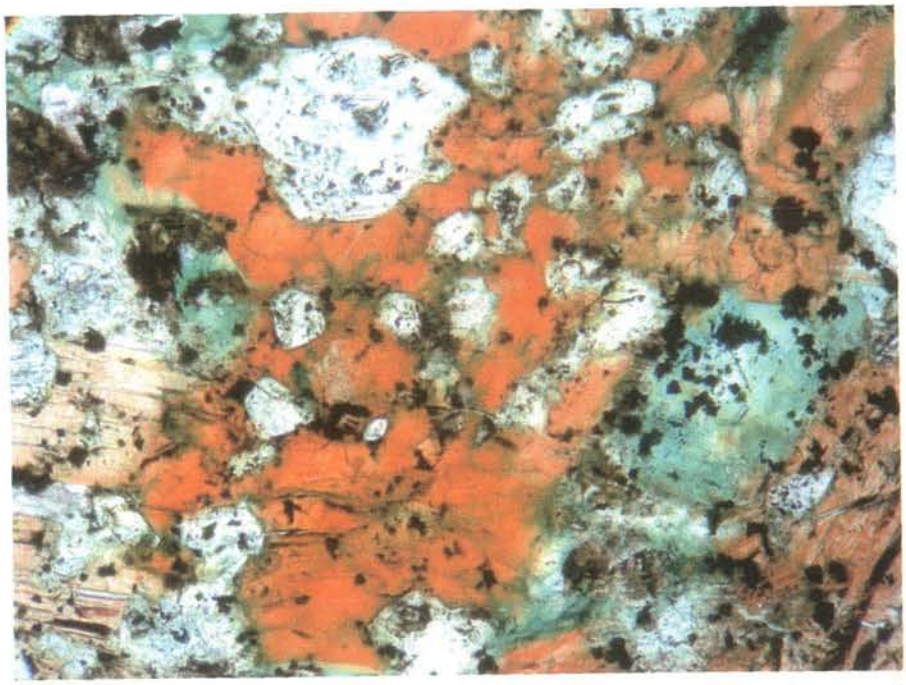

Photo 21: Madupidic phlogopite enclosing pseudomorph of serpentinised olivine (white) chadacrysts and fine spinels (opaque) (PL, field of view: 1.4mm).

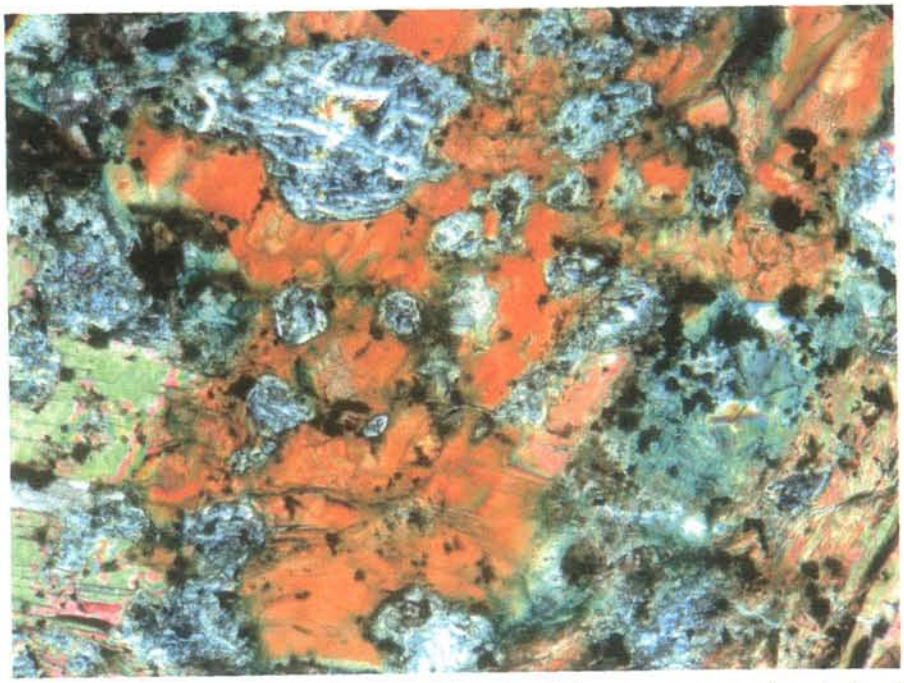

Photo 22: Same view as previous under crossed nicholls (CP, field of view: 1.4mm).

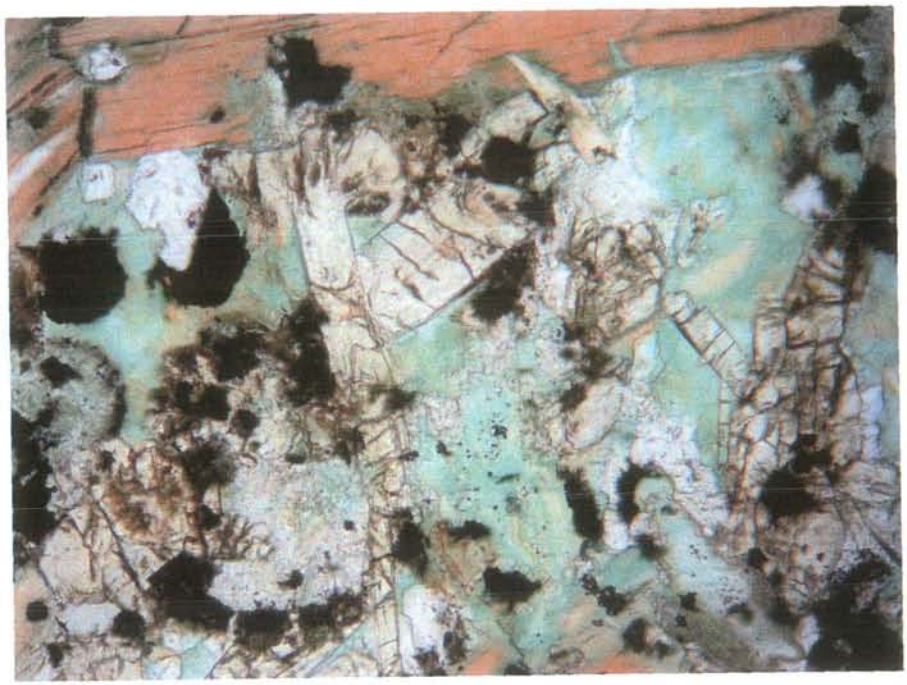

Photo 23: View of the matrix showing fresh euhedral diopsides and spinels in a green felty mesostasis of serpentine-talc (PL, field of view: 0.7mm).

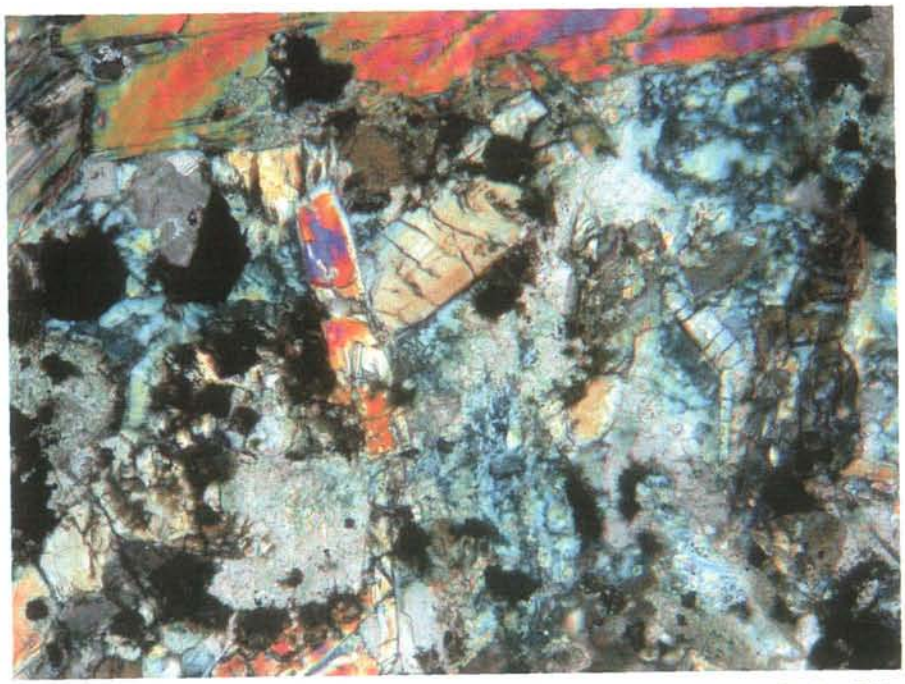

Photo 24: Same view as previous under cross nicholls (CP, field of view: 0.7mm).

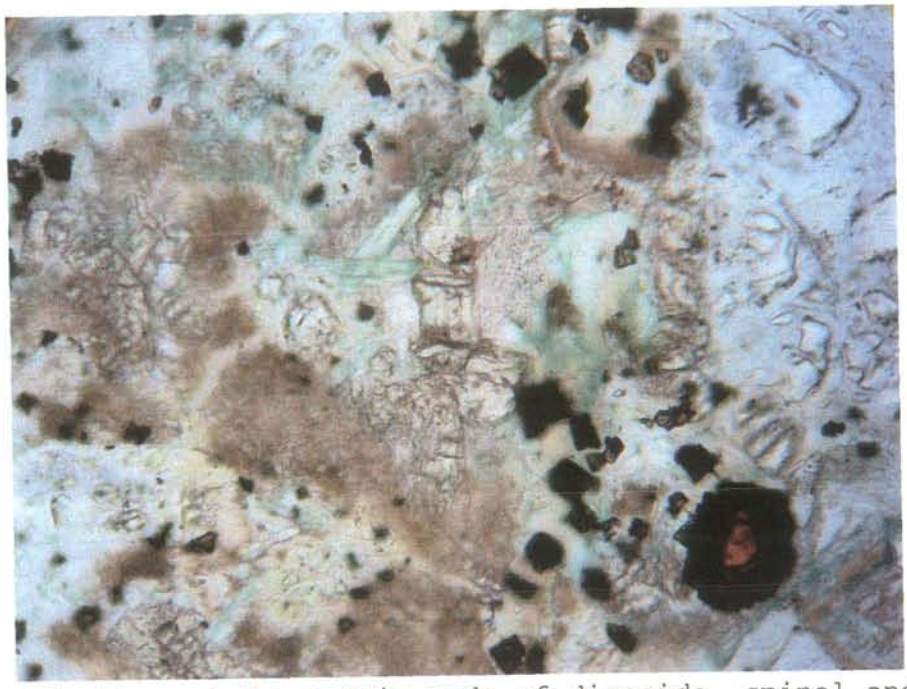

Photo 25: View of the matrix made of diopside, spinel and perovskite, in a carbonate, talc and serpentine mesostasis. An isolated red chromite is present in the right bottom corner (PL, field of view: 0.7mm).

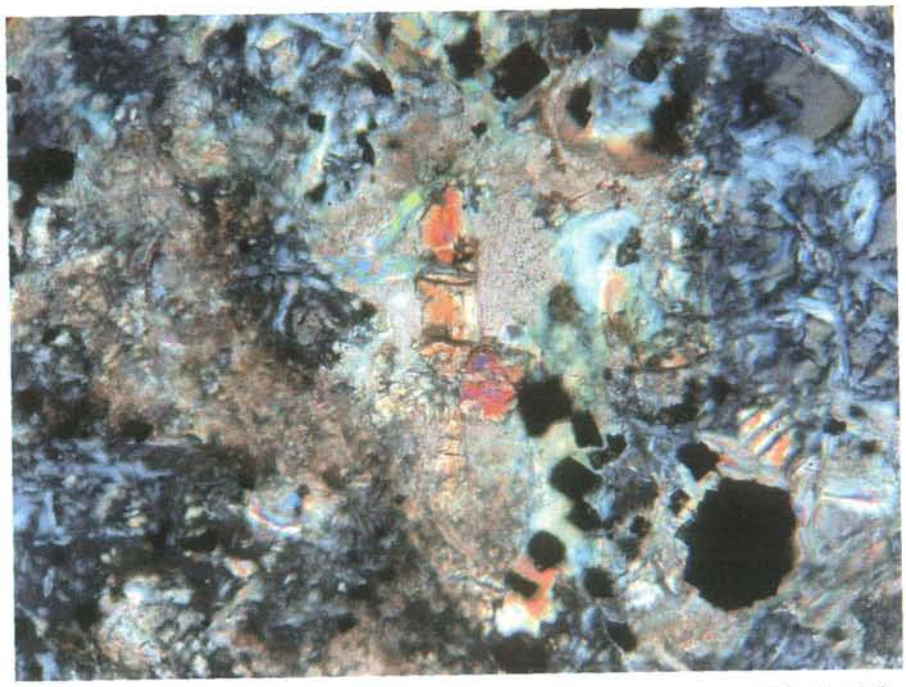

Photo 26: Same view as previous under cross Nicholls (CP, field of view: 0.7mm).

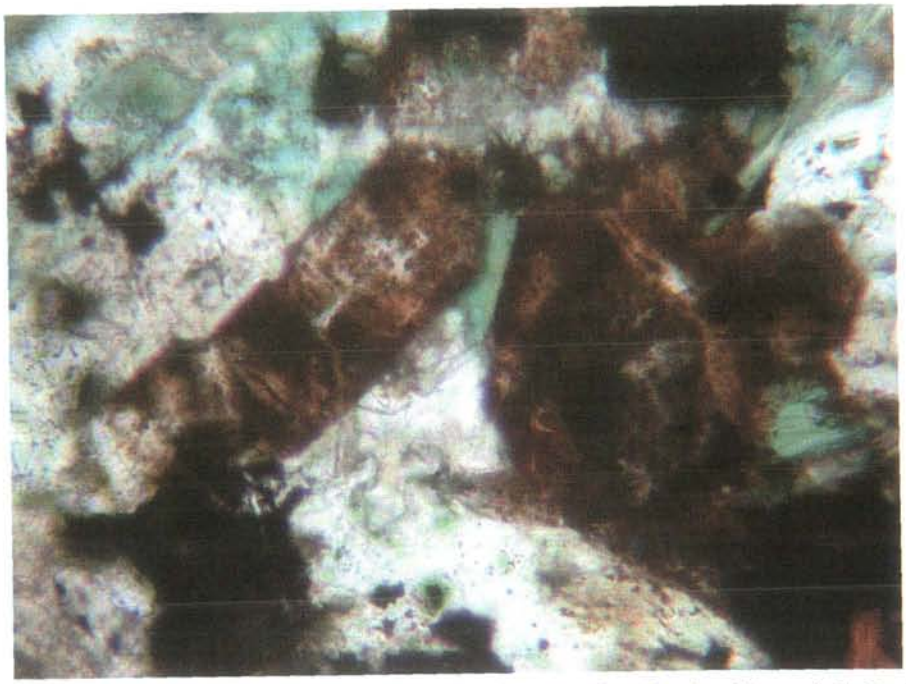

Photo 27: Brown alteration of relict euhedral diopside? in a carbonate mesostasis. The green phase is believed to be a mixture of serpentine, talc and chlorite (PL, field of view: 0.35mm).

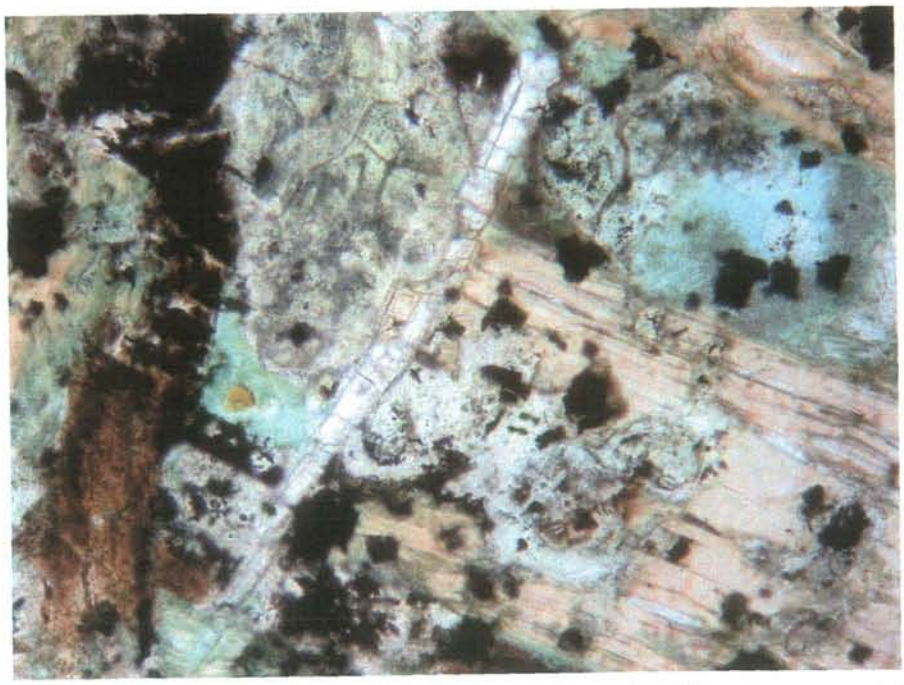

Photo 28: View of a slender crystal of fibrous apatite (PL, field of view: 0.7mm).

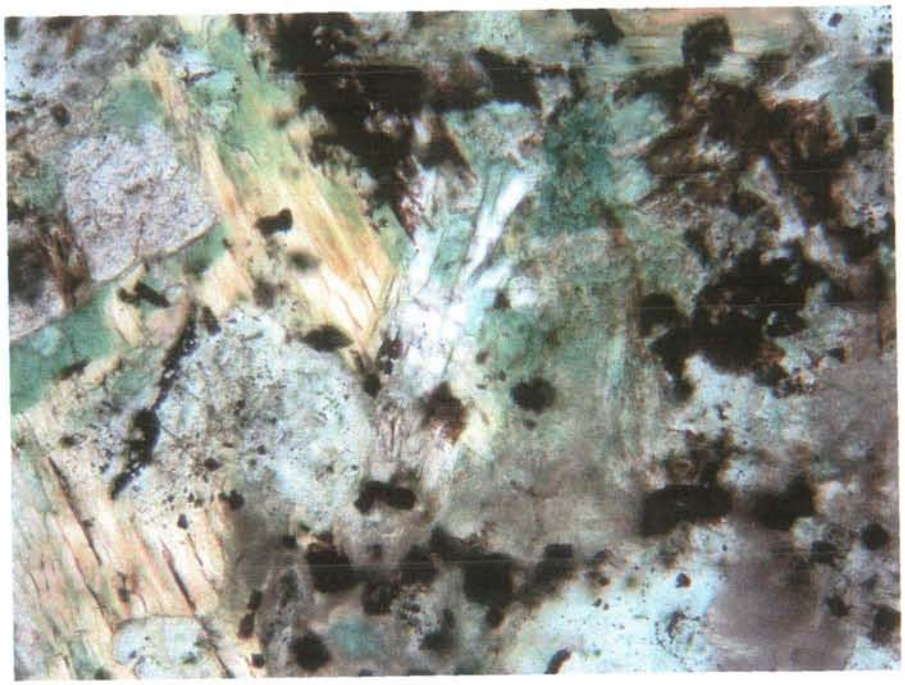

Photo 29: View centered on radiating splays of apatite in carbonate-serpentine (PL, field of view: 0.7mm).

Photo 30: Euhedral and dog's-teeth crystals of carbonate in a green felty mesostase (PL, field of view: 0.28mm).

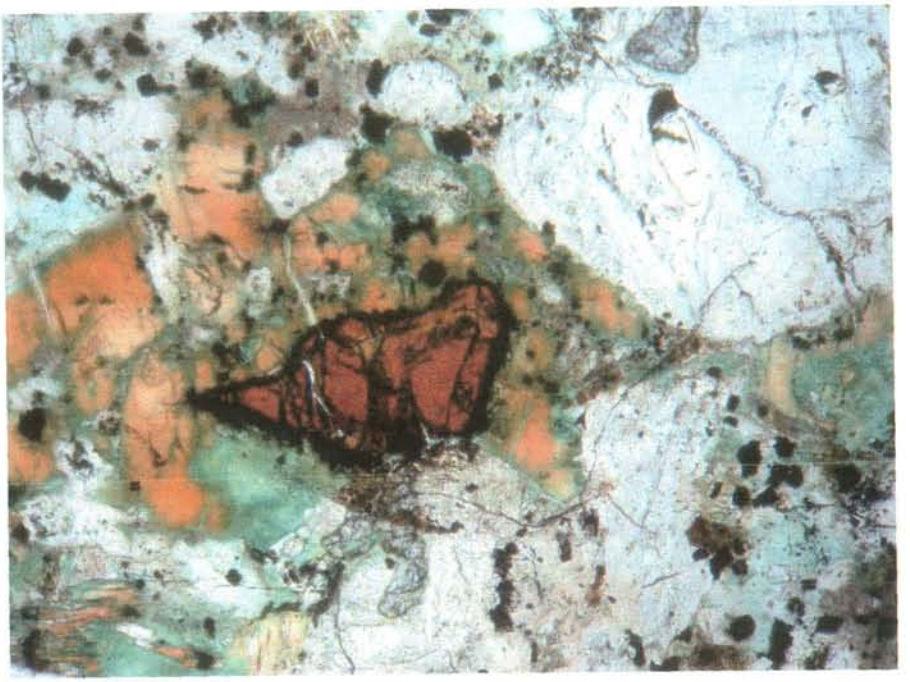

Photo 31: Fragment of red chromite embedded in a poikilitic phlogopite partly altered by a green mineral (PL, field of view: 1.4mm).

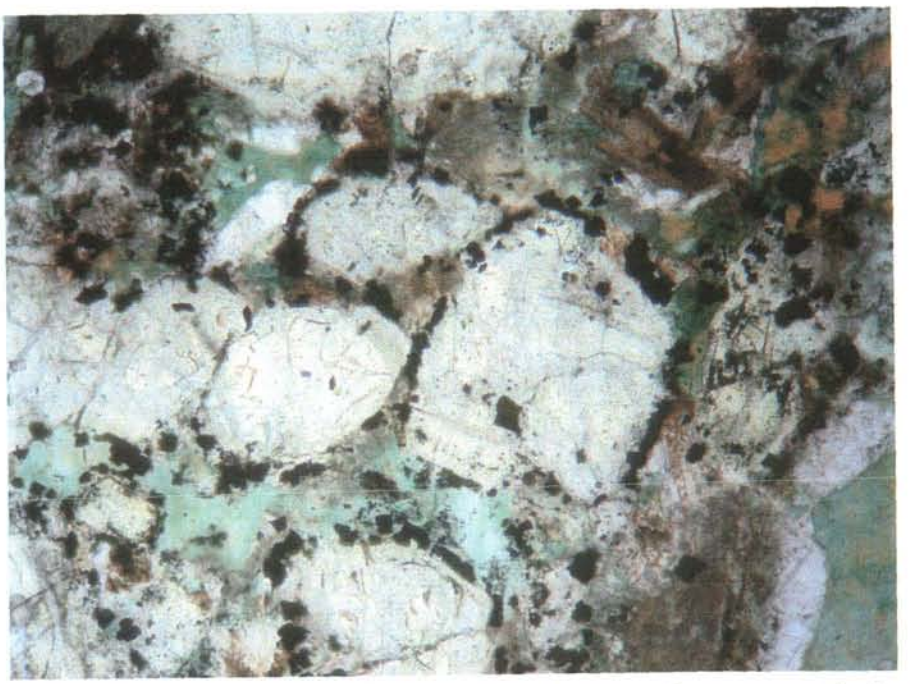

Photo 32: Necklace spinel aligned around serpentinized olivine (PL, field of view: 1.4mm).

Photo 33: Fragment of isolated zoned spinel suspected as microxenocryst chromite (RL, field of view: 0.28mm).

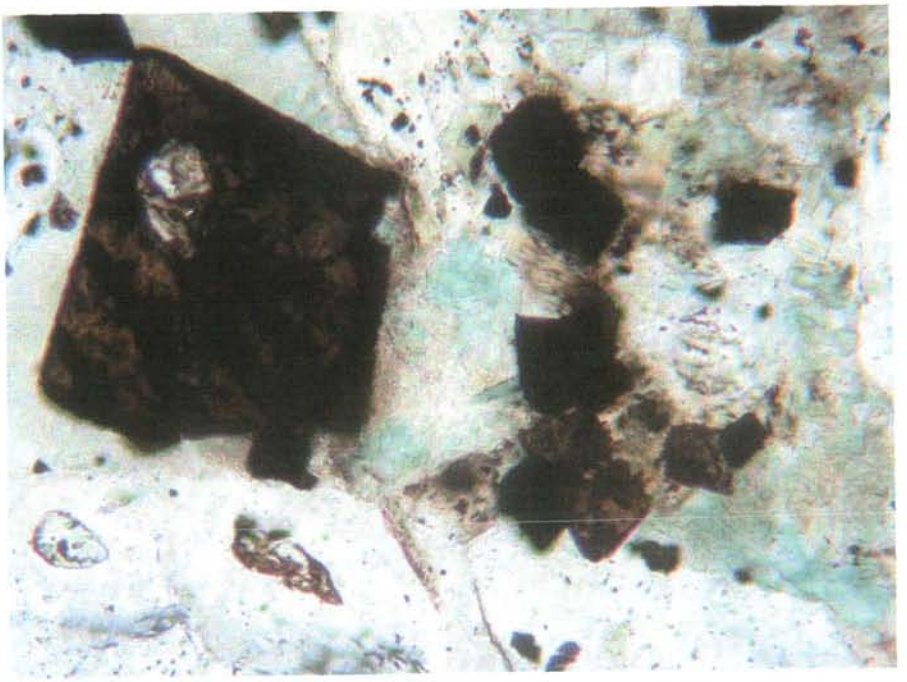

Photo 34: View of euhedral brown perovskite in a carbonate rich matrix (PL, field of view: 0.34mm).

Photo 35: View of typical atoll spinels with a nucleus of zoned spinel of contrasting composition as indicated by its darker core (RL, field of view: 0.28mm).

SAMPLE: #3
DDH: WTM05-4
DEPTH: 78.9m

LITHOFACIES: PHLOGOPITE-DIOPSIDE-CALCITE MELNOITE

MEGASCOPIC DESCRIPTION

This sample is a section of 21 cm of half BQ diamond core. Rock is dark grey, massive but fragmental, consisting of white rounded fragments (1-10mm) in a fine grain dark grey matrix. Some larger fragments are irregular in shape and composed of serpentine and calcite. A variegated aspect is observed on the saw surface of the sample.

A fine fracture filled by calcite is present. Hand magnet and hydrochloric acid reacts vigorously upon both fragment and matrix.

MINERALOGY

MINERAL	%	Size	TEXTURE
Segregations	***25%***	***1-11mm***	***Rounded to irregular***
Calcite	±17	≤4mm	Dendritic or drusic
Zeolite	± 4	≤0.5mm	Granular euhedral
Clay	± 4	≤2mm	Felt, void fillings
Diopside?	tr	≤0.5mm	Prismatic
Apatite	tr	≤0.2mm	Prismatic
Ilmenite	tr	0.2mm	Euhedral
Microphenocryst	***53%***		
Olivine	9	0.2-2mm	Euhedral to anhedral
Serpentine	28	≤0.1mm	After Olivine
Phlogopite	16	0.2-1mm	Zoned, euhedral
Matrix	***16%***		
Diopside	7	.05-0.6mm	Prismatic, aggregate
Phlogopite	3	0.1mm	Intergranular
Apatite	tr	≤0.3mm	Euhedral, aggregate
Spinelle	3	≤0.05mm	Zoned, Atoll, Neck-lace
Perovskite	1.5	≤0.05mm	Euhedral
Chromite red	tr	0.3mm	Fragmental, anhedral, zoned
Rutile	0.5	≤0.05mm	Spongy
Ilmenite	0.5	0.05mm	Euhedral
Sulphides	0.5	≤0.05mm	Dissemination, impregnations

Mesostasis	***6%***		
Calcite	4	0.15mm	Spathic intergranular
Talc-Serp.	2	0.02mm	Felty zone

OBSERVATION AND INTERPRETATION

SEGREGATIONS

Segregations are abundant, rounded to oval in shape, millimetre in size, wrapped by flakes of phlogopite. These segregations are mainly filled by carbonate (calcite) along with zeolite[2] spar and clay felts in the largest segregations. Trace of ilmenite and relicts of diopside are also seen locally. Calcite is characterised by comb like, dog-teeth or dendritic texture indicative of drusic habit or cavity filling.

MICROPHENOCRYST

Olivine

Olivine microphenocrysts are abundant, generally of euhedral or subhedral habit with an average size of 0.5mm (0.2-2mm). Occasional rounded anhedral grains are present. Olivine is either fresh or totally serpentinized. Serpentinization forms centimetre to millimetre zones, which induce a marbled aspect to the hand specimen.

Phlogopite

Phlogopite microphenocrysts are abundant, as well defined euhedral flakes of 0.4mm set in the matrix. They are strongly zoned, characterised by a pale hay core mantelled by a red rim of tetraferriphlogopite.

MATRIX

Matrix is made of very fine crystalline diopside, phlogopite, spinels, perovskite, apatite, sulphides and traces of fragmental red chromite. They are interlocked by an intergranular mesostasis of spathic carbonate and felty green chlorite, this latter being less abundant than other samples therefore.

[2] Optical identification only. May also be a feldspatoids or other similar unusual phase.

Diopside is abundant, as brown prismatic crystals either isolated or in aggregate habit. Crystal sizes range from 0.05mm to 0.6mm with an average of 0.15mm. Some are distinctly zoned, characterized by a darker core. Intergranular phlogopite is also observed, unzoned. Prismatic apatite is present as isolated crystals or as more fibrous agregates. Intergranular felty green mesostasis is made of very fine felty or radiated flakes of pleochroic green mineral. These are also present in the margin of segregations.

Spinels are abundant and ubiquitous, euhedral to subhedral, zoned and with typical atoll and neck-lace textures. Perovskite is clearly identified as euhedral brown grains with the similar habit to spinels. Spongy ilmenite is observed as rims upon spinel.

Traces of red chromite are seen, as isolated fragmented grains, larger than matrix spinels with 0.1-0.3 mm diameter. They are interpreted as xenocryst.

Sulphides are present as dissemination within the matrix and as very fine impregnations in serpentinized olivine. Pyrrhotite, chalcopyrite, pentlandite are the main phases identified, along with traces of unidentified minerals.

This sample is distinctive from the others on the lack of xenolith. Segregation filled by calcite are abundant. Inverse relation between fragments and segregation abundance is usual. Matrix is fresher more crystalline than the other samples, dominated by microphenocrystic olivine, diopside and spinels. Mesostasis of carbonate (calcite) and talc-serpentine is less ubiquitous. Spinels develop typical atoll and neck-lace texture. Phlogopite is strongly zoned by red tetraferriphlogopite.

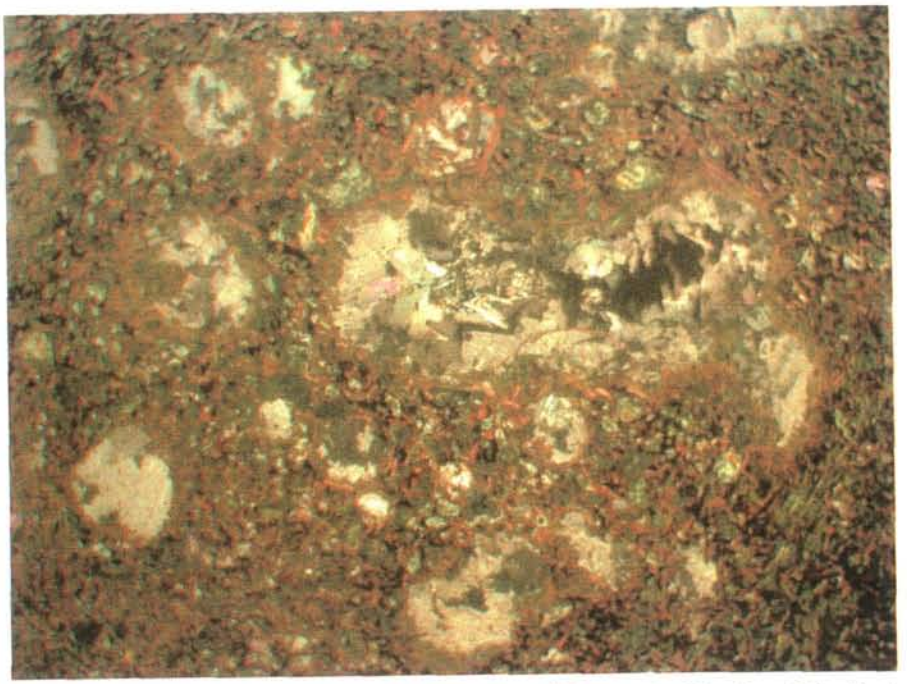

Photo 36: General view of sample #3 (WTM05-4, 78.9m) showing rounded to amoeboid segregations filled by dendritic carbonate (CP, Field of view: 20.4mm).

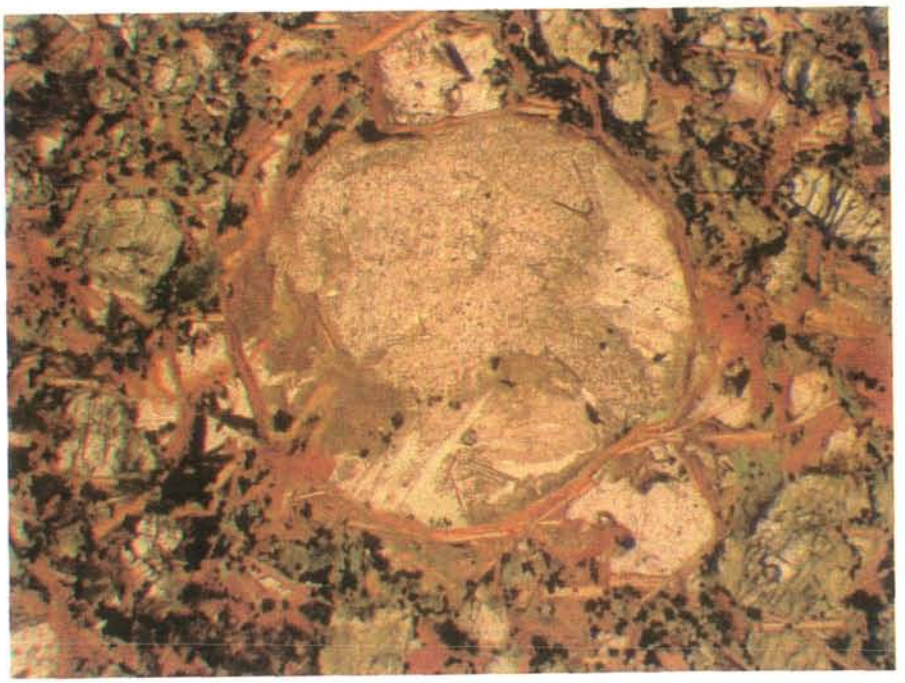

Photo 37: Detail view of a rounded carbonate segregation wrapped by phlogopite crystals (PL, Field of view: 3.7mm).

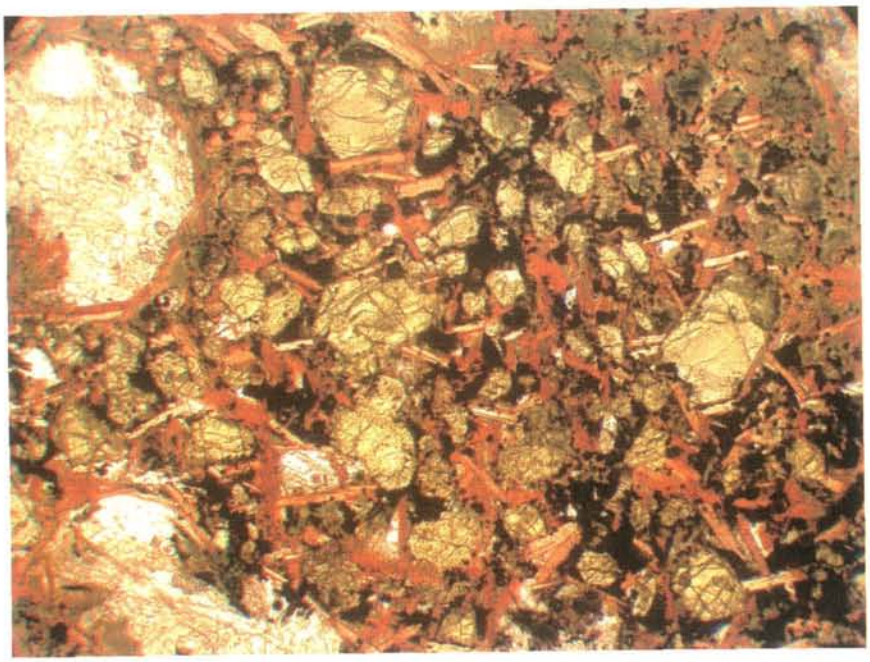

Photo 38: View with abundant microphenocrysts of serpentinised olivine (yellow-green), phlogopite (orange) and oxides (opaque) (PL, Field of view: 5.4mm).

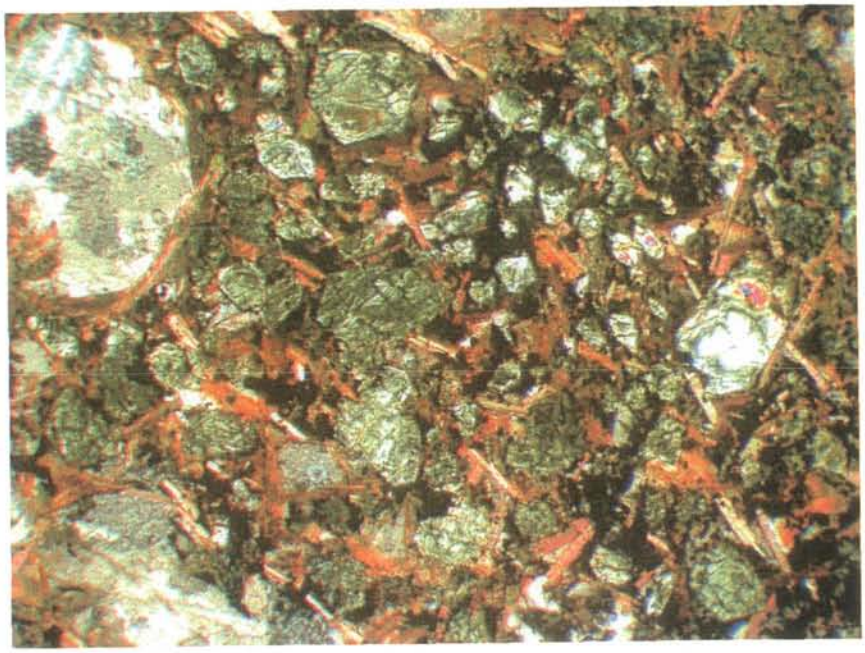

Photo 39: Same view as previous under cross nicholls (CP, field of view:5.4mm).

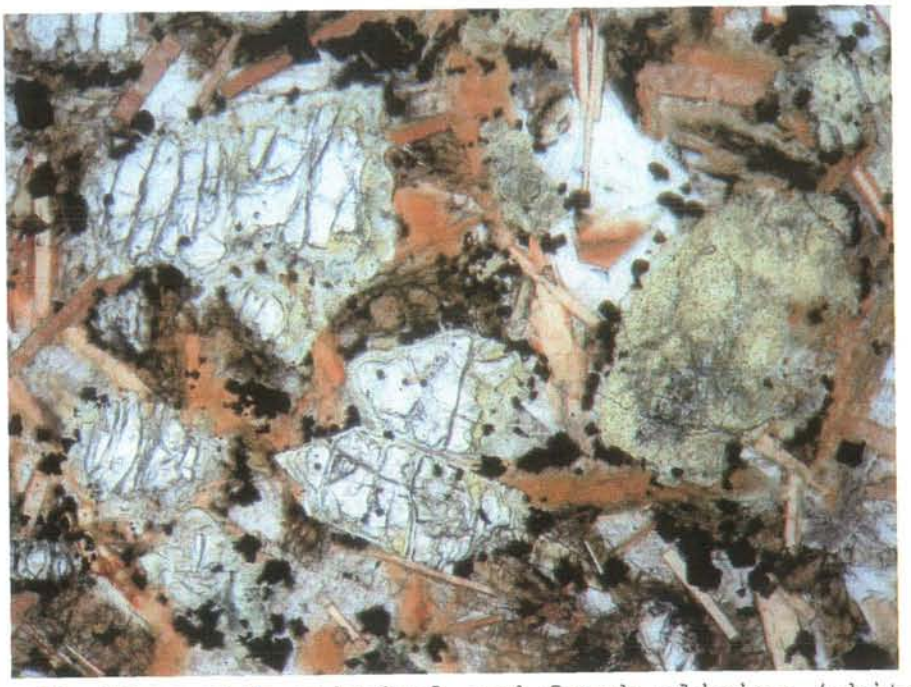

Photo 40: View with euhedral and fresh olivine (white) and subhedral serpentinised olivine (yellow-green), zoned phlogopite, brown diopside, fine euhedral spinel and spathic intergranular carbonate (PL, field of view: 1.4mm).

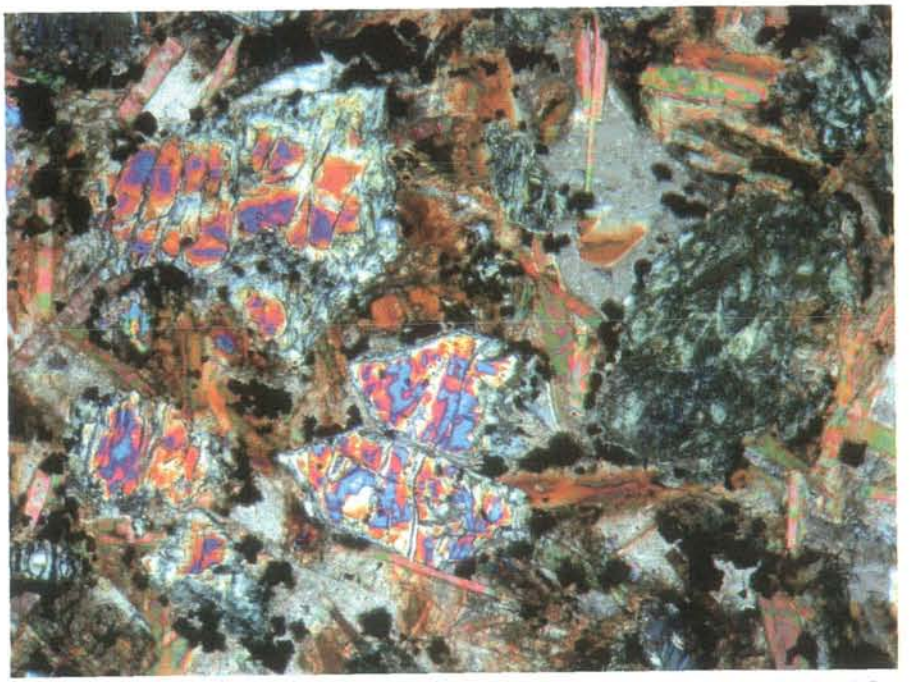

Photo 41: Same view as previous under cross nicholls(CP, field of view: 1.4mm).

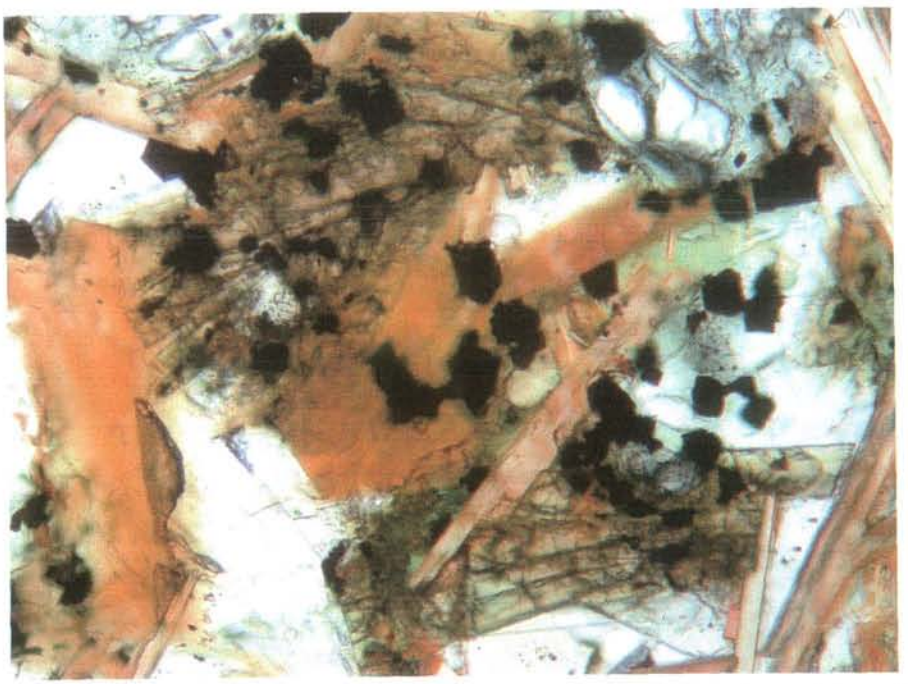

Photo 42: Detail view of an aggregate of prismatic diopside (brownish) embedding oxides (opaque) and interlocked with phlogopite in a carbonate matrix (PL, field of view: 0.7mm).

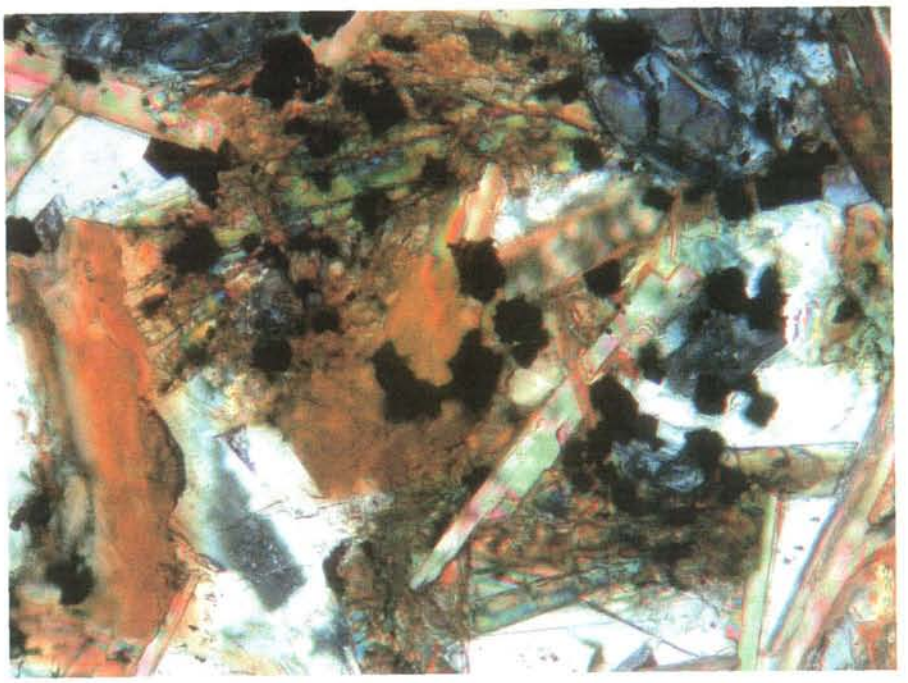

Photo 43: Same view as previous under cross nicholls (CP, field of view: 0.7mm).

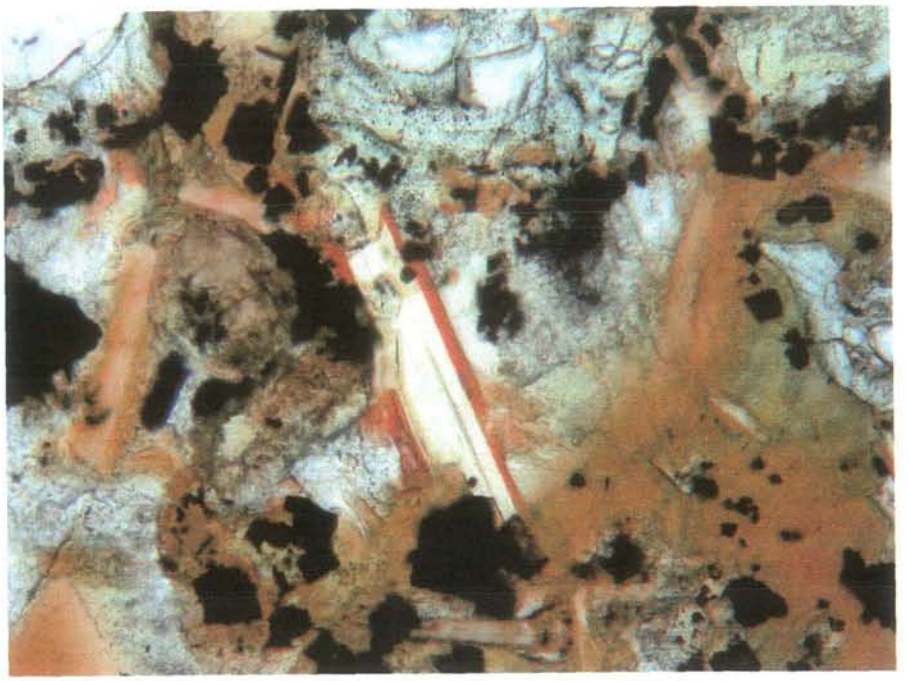

Photo 44: View centered on a strongly zoned euhedral phlogopite mantled by red edge of tetraferriphlogopite (PL, field of view 0.7mm).

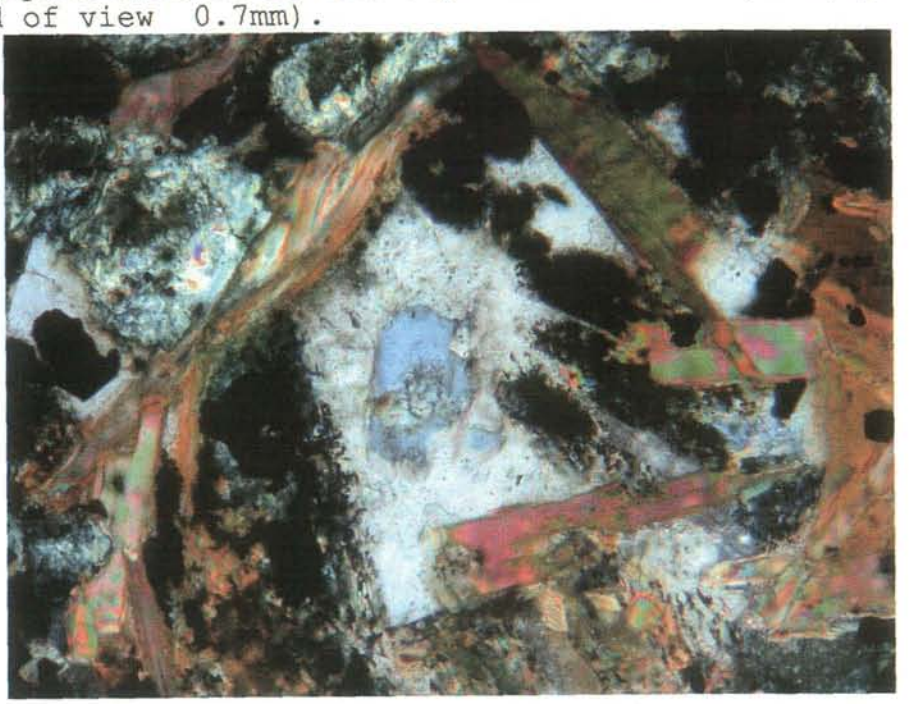

Photo 45: View centered on a prism of apatite enclosed in microspathic carbonate (CP, field of view: 0.7mm).

Photo 46: Aggregate of colorless prismatic radiating apatite (white) (PL, field of view: 0.7mm).

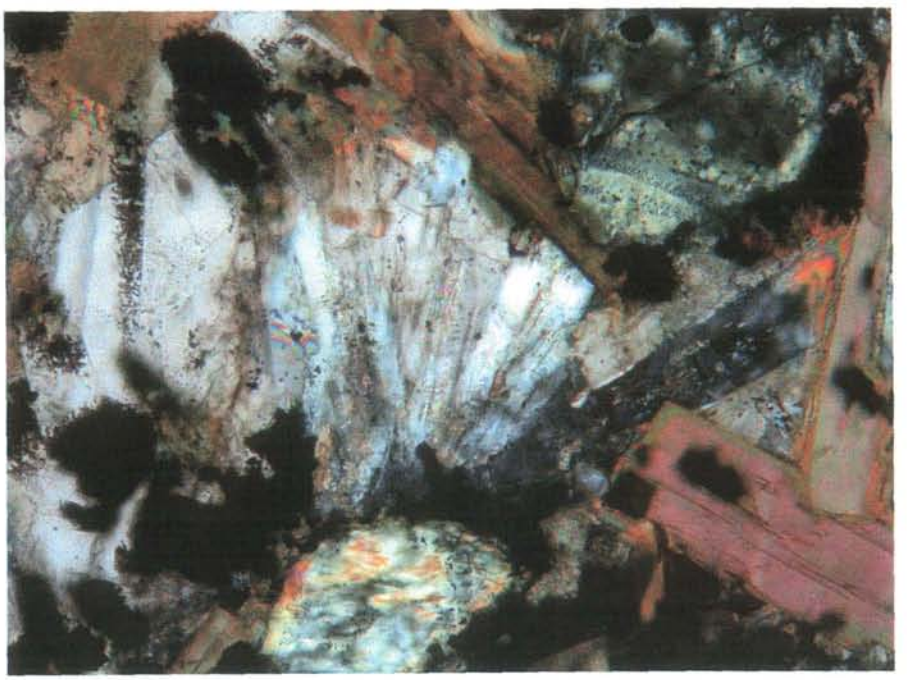

Photo 47: Same view as previous under cross nicholls (CP, field of view: 0.7mm).

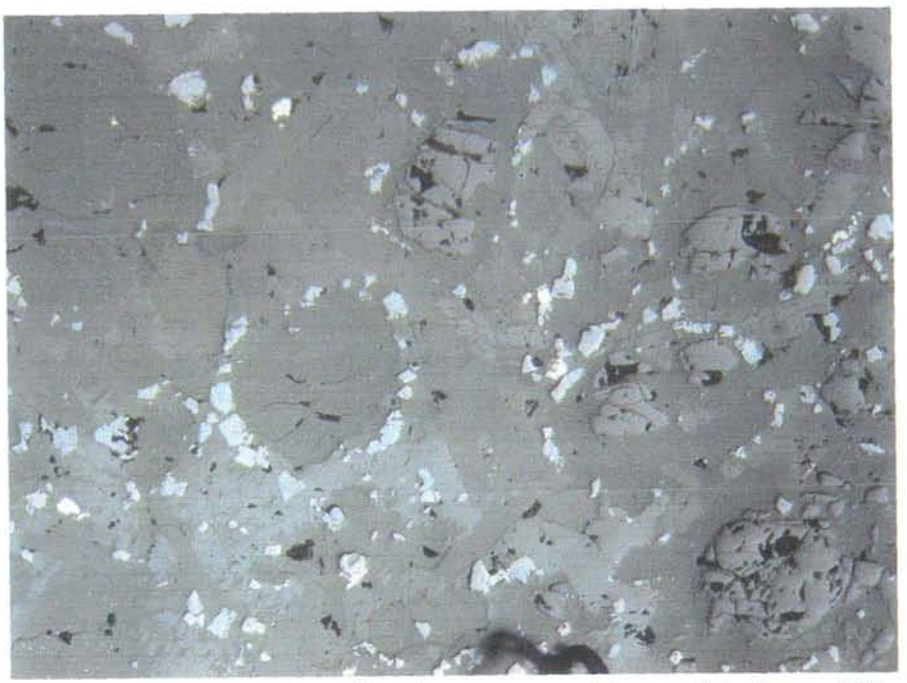

Photo 48: Neck-laced spinel surrounding olivine (RL, field of view: 1.4mm).

Photo 49: Atoll spinels made of a dark and zoned core of spinel (likely chromite) with lighter rim of different composition (likely titanomagnetite) (RL, field of view: 0.28mm).