2.39948

SOIL SAMPLING

on

Claim 3011003

4-Corners Area, Kamiskotia Project

of

Claim Post Resources Inc.
55 University Ave, Suite 1010, Toronto, M5J 2H7

by Hermann Daxl, M.Sc. Minex

23 Dec 2008

ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

PROVINCIAL MINING RECORDER'S OFFICE

Mining Land Tenure Map

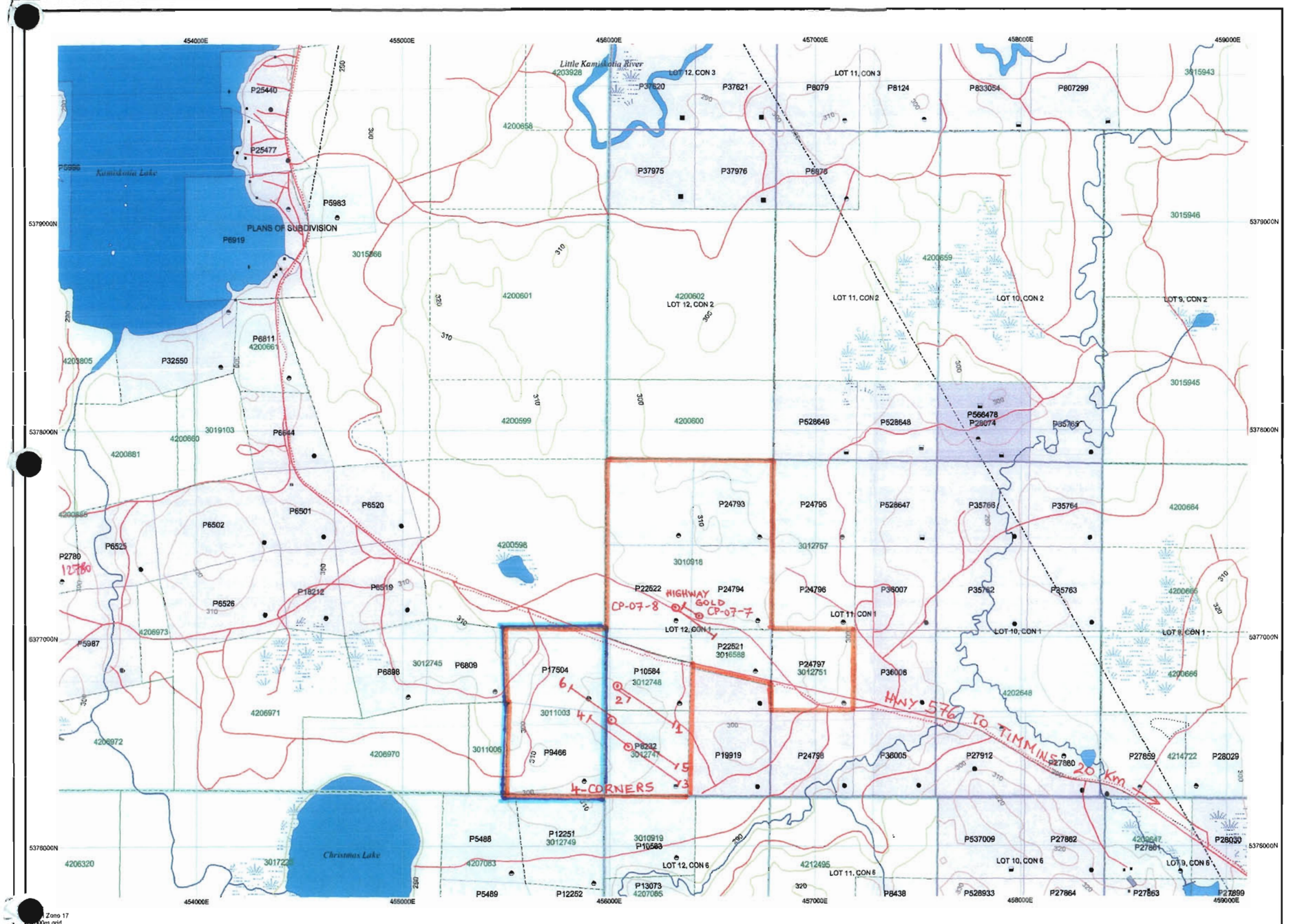
Date / Time of Issue: Tue Jun 05 13:56:42 EDT 2007

TOWNSHIP / AREA
JAMIESON

PLAN
G-3986

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Porcupine
Land Titles/Registry Division	COCHRANE
Ministry of Natural Resources District	TIMMINS



Zone 17
1000m grid

TOPOGRAPHIC

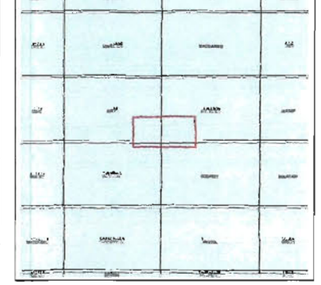
- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Location of Occupation
- Uses Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- Land Use Permit
- Order in Council (Not open for staking)
- Water Power Lease Agreement
- 1234567 Mining Claim
- 1234567 Filed Only Mining Claim



LAND TENURE WITHDRAWALS

- 1234 Areas Withdrawn from Disposition

Mining Acts Withdrawal Types
- Wsm Surface And Mining Rights Withdrawn
- Ws Surface Rights Only Withdrawn
- Wm Mining Rights Only Withdrawn

Order in Council Withdrawal Types
- W-s/m Surface And Mining Rights Withdrawn
- W-s Surface Rights Only Withdrawn
- W-m Mining Rights Only Withdrawn

- Ns IMPORTANT NOTICES

Scale 1:20000

300m 0m 900m

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
3297	Wsm	Jan 1, 2001	PROPOSED SURFACE RIGHTS DISPOSITION UNDER P.L.A. NOTICE RECEIVED MARCH 7, 1991
3305	Wsm	Jan 1, 2001	M.N.R. RESERVE
W-P-61/00	Wsm	Dec 7, 2000	Sec.35 W-P-61/00 07/12/2000 M&S 195150
W.P. 6/97	Wsm	Apr 26, 1997	MINING AND SURFACE RIGHTS WITHDRAWN UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990 ORDER NO. W.P. 6/97 NER DATED APR 28/97

LOCATION AND CLAIMS MAP
4-CORNERS AND HIGHWAY GOLD AREAS
ORIENTATION SOIL SAMPLING 2006-2008
SOIL SAMPLING 2008 - CLAIM 3011003

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 5779
Fax: 1 (877) 670-1444

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

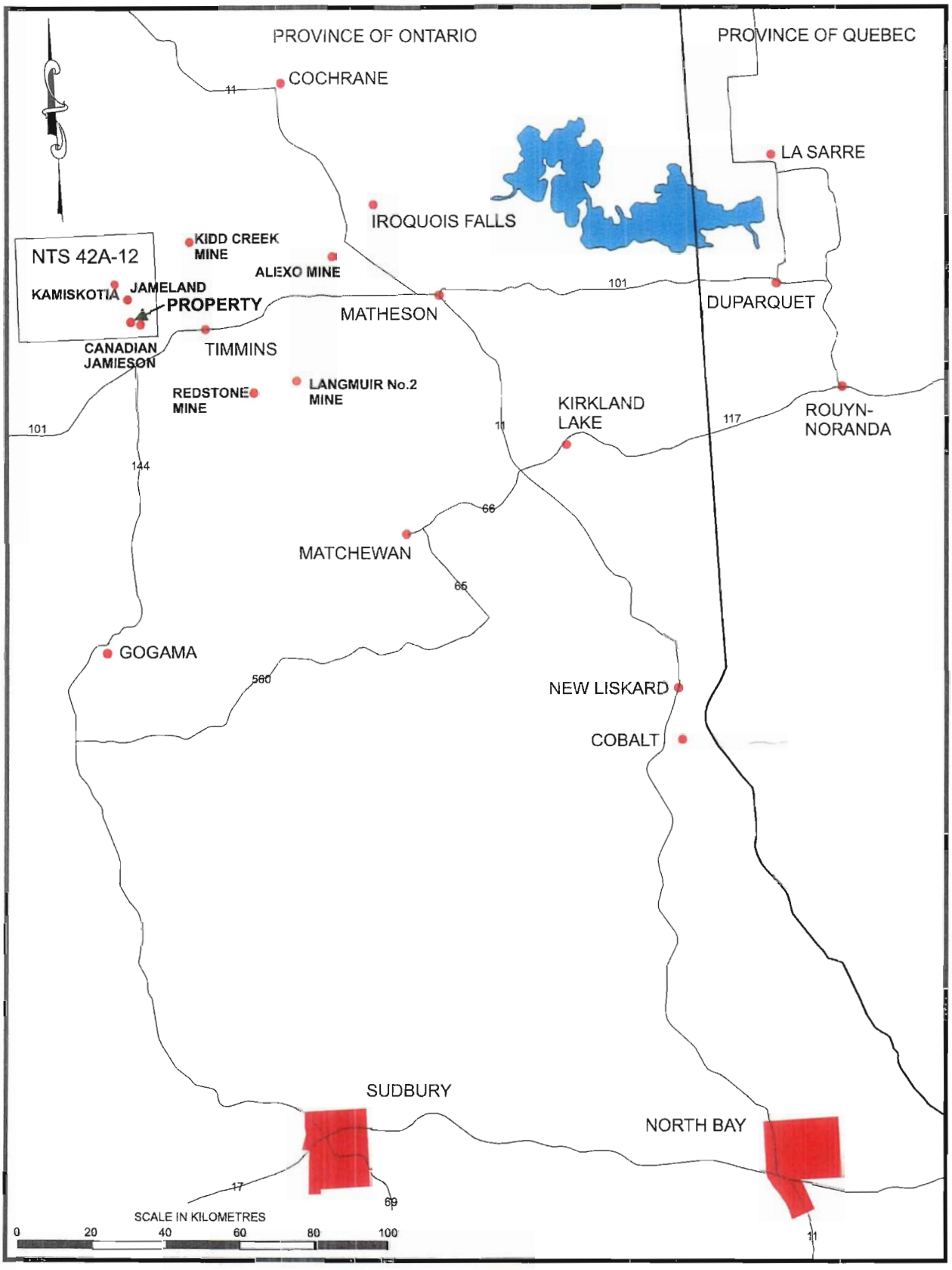


Figure 3: Property Location Map and the Current and Past Producing Base Metal Mines in the Timmins Area, Ontario.

LOCATION MAP by K. JENSEN

Introduction

The present conventional soil sampling is a west-ward continuation of assessment work filed under T-5751, 2.38979. It covers mining claim 3011003 held by Claim Post Resources Inc., which lies in the most southeast corner of Robb Township, south from Kamiskotia Highway 576, 3 km east from Kamiskotia Lake. Please refer to the attached location map, claim map, and sample maps.

The goal was to locate the uphole part of the gold-bearing quartz-sphalerite vein intersected in DDH CP-06-4 downhole from a fault (T-5615, 2.36775). The weak but extensive new Zn-Cd soil anomaly parallels one possible direction of it.

Generally the previous procedures were followed but the 91 samples and 8 controls were sieved to <200 micron (<80 Tyler mesh) for better concentration of adsorped mobile elements. They were collected from 7 Nov to 18 Nov 2008. All work including drying and sieving was done by the author. The analyses were done by Actlabs with aqua regia, ICP/MS, Ultratrace 1, on 0.5g aliquots.

The area lies in the regional Kamiskotia Gabbroic Complex, reportedly a tholeiitic intrusive overlain by the Kamiskotia Volcanic Complex of basalt and rhyolite. The hummocky area is covered by a variably mixed mature forest and thin overburden of mostly clay, which is often varved. Samples were also taken in the treeless swamps with alders, where often packed clay could be reached below <120cm deep swamp humus. More orientation work is recommended regarding black clay at the interface, or swamp humus.

Results

The finer <200 micron sieving with a plastic coffee filter, versus <300 micron, resulted in higher values for many elements of the 5 test samples chosen from the previous orientation survey, due to better elimination of sand grains. A 50 micron metal sieve could be tried if it does not contaminate, to further reduce such dilution. No high values were discovered, but the plots of cadmium and zinc, and separately gold, show three fairly cohesive anomalies.

Gold values between 0.5 and 10 ppb were very erratic previously, possibly due to gold-bearing quartz grains, because nuggets in the 0.5g aliquots would result in much higher values. Possibly also the readings are vague at these levels and were not reported this time. Gold-only values were intersected in DDH CP-06-5, and in CP-06-1 (T-5529, 2.35168) at a MAG extreme (T5428, 2.33081) like that at normal sample 597.

Values other than gold were quite repeatable as per six duplicate analyses. No sample mix-ups are apparent according to matching sample fizz by 10% HCl and Ca-values, and according to sand content versus intensity of colour and the respective low versus high Fe-values. Black clay from swamps is not enriched in Fe, but probably in carbon.

Enriched samples below a leached horizon were preferred, and in their absence the 15 cm just below the humus were sampled. The clay at the interface below the swamp humus seems to be enriched blue to green. Any influence of incorporated humus at the black transition needs to be tested, as well as any enrichment at various depths in the humus. Humus is very slow to dry at room temperature, and may also require different analytical procedures, and data evaluation as a separate population.

Uranium is somewhat anomalous <5.8 ppm in clay from swamps including sample 586, versus a background near 1 ppm elsewhere.

Please refer to the maps with sample locations and values of ZnCdAuAgPb, the list of sample descriptions, and the lab certificates.

Values of anomalous samples (in ppm, AuAg in ppb, Fe in %):

Sample	Zn	Cd	Au	Ag	Pb	Th	Cu	Fe
502	20	0.04	24	25	4.6	3	12	1.4
503	18	0.06	32	27	5.9	4	9	1.6
508	14	0.04	0	156	3.1	2	10	0.9
511	18	0	0	0	11.7	4	7	1.0
516	31	0.09	15	12	7.7	4	35	3.0
520	71	0.08	0	9	12.3	4	18	3.6
533	52	0.05	0	180	9.9	6	14	2.5
534	69	0.27	0	61	9.8	9	28	2.4
535	68	0.35	0	59	10.1	8	26	2.3
538	88	0.47	0	57	10.1	8	18	2.9
544	66	0.09	0	45	11.9	6	17	3.8
550	62	0.04	0	28	8.7	6	17	2.6
555	54	0.22	0	44	8.3	6	31	2.0
564	60	0.22	0	49	8.4	6	12	1.7
565	32	0.10	16	26	6.9	3	8	1.3
566	56	0.13	30	50	10.1	6	17	2.7
567	48	0.03	2	103	10.3	7	28	2.8
576	88	0.04	0	58	17.5	15	43	4.9
580	52	0.03	17	34	10.7	8	27	3.0
585	83	0.16	0	30	8.1	7	16	1.8
587	60	0.44	0	48	9.0	7	46	1.8
Normal	<100	<0.20	<10.0	<100	<20.0	<12.0	<30	<4.5

Conclusions and Recommendations

The subtle but extensive zinc-cadmium anomaly agrees with one direction of quartz-sphalerite vein ZnV3 in DDH CP-06-4, estimated then at 123/77 or 110/65 from drilling. The 200m southwesterly shift on surface

and its size could be better explained by a parallel larger system than by overlap of the fault estimated at 155/70.

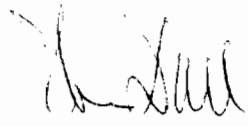
The two local gold anomalies may reflect gold-only mineralization as intersected only 200m away in DDH CP-06-1 and CP-06-5. Gold in samples 502, 503, 516, could possibly also be due to zoning in the gold-bearing ZnV3, or to gold-bearing quartz-chalcopyrite veins as intersected only 70m away in DDH CP-06-6. A rusty outcrop among them at NAD83-455935E- 5376615N still needs to be investigated. Gold-anomalous samples 565 and 566 are adjacent east of the zinc-cadmium anomaly.

The ZnCd-anomalous area was also observed in overlapping previous samples, however, not all samples are anomalous, even if nearby. The present spacing of about 50m should not miss a mine, but fill-in samples are recommended before drilling. It was not done this time due to frost.

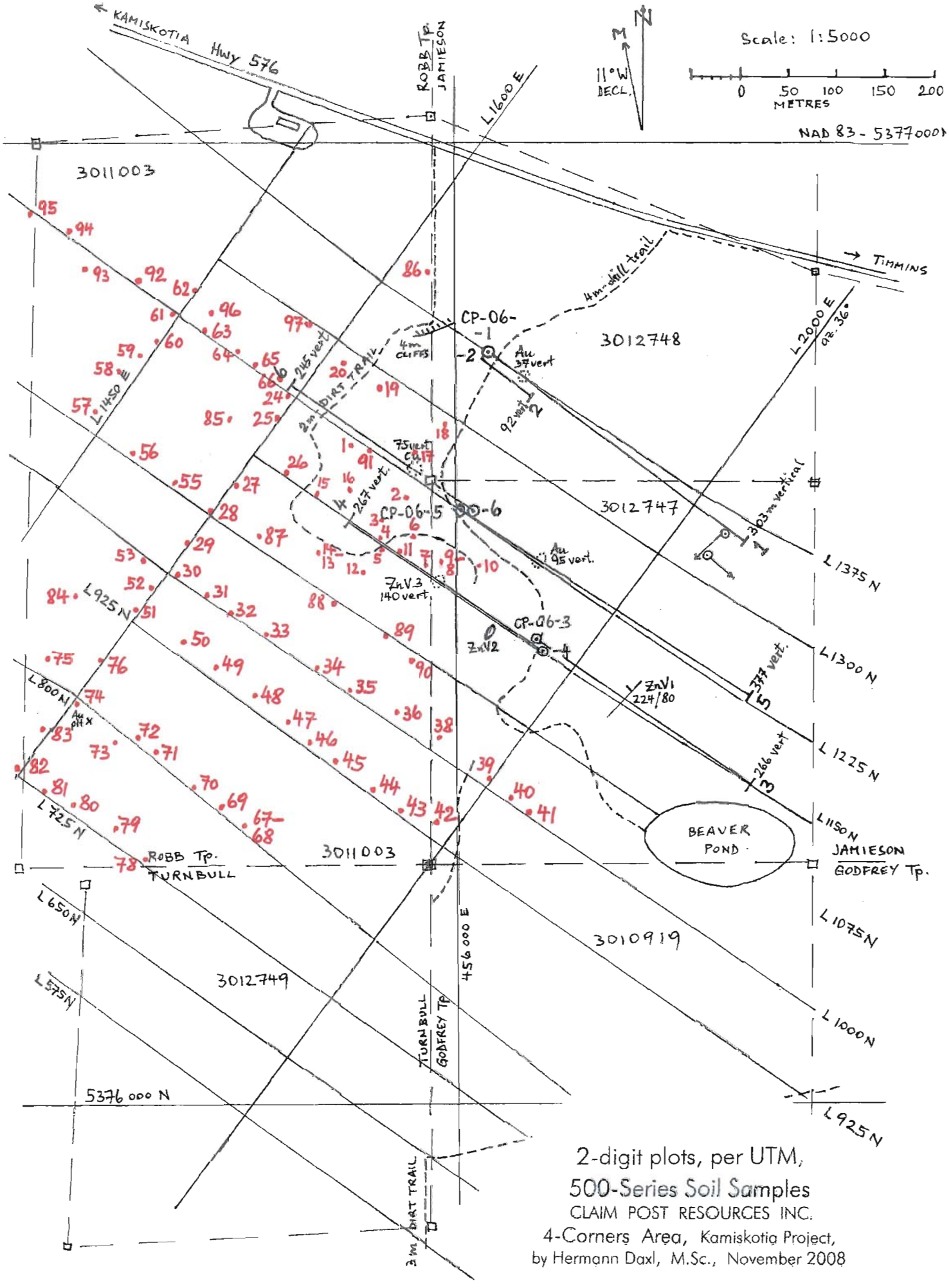
The possibility that zinc-cadmium from the known veins spread out and collected in the swamp humus and its black interface with underlying packed clay, needs to be pursued. The main concern is whether the black clay is enriched from the swamp rather than from below. This can be done during infill sampling. All anomalous samples come from such environment but not all such samples are anomalous. For that, drainage direction of the swamp needs to be established, and the various levels of swamp humus, the black to blue-green clay interface, and the deeper clay of original color need to be sampled at anomalous spots. To answer this question drilling may be necessary anyway, and can be done here where at least a thick gold-bearing quartz-sphalerite vein is known nearby.

However, the probable continuation under the swamp of the Zn-Au system must not be ruled out by any absence of any anomaly.

Respectfully submitted,



23 Dec 2008 Hermann Daxl, M.Sc.Minex



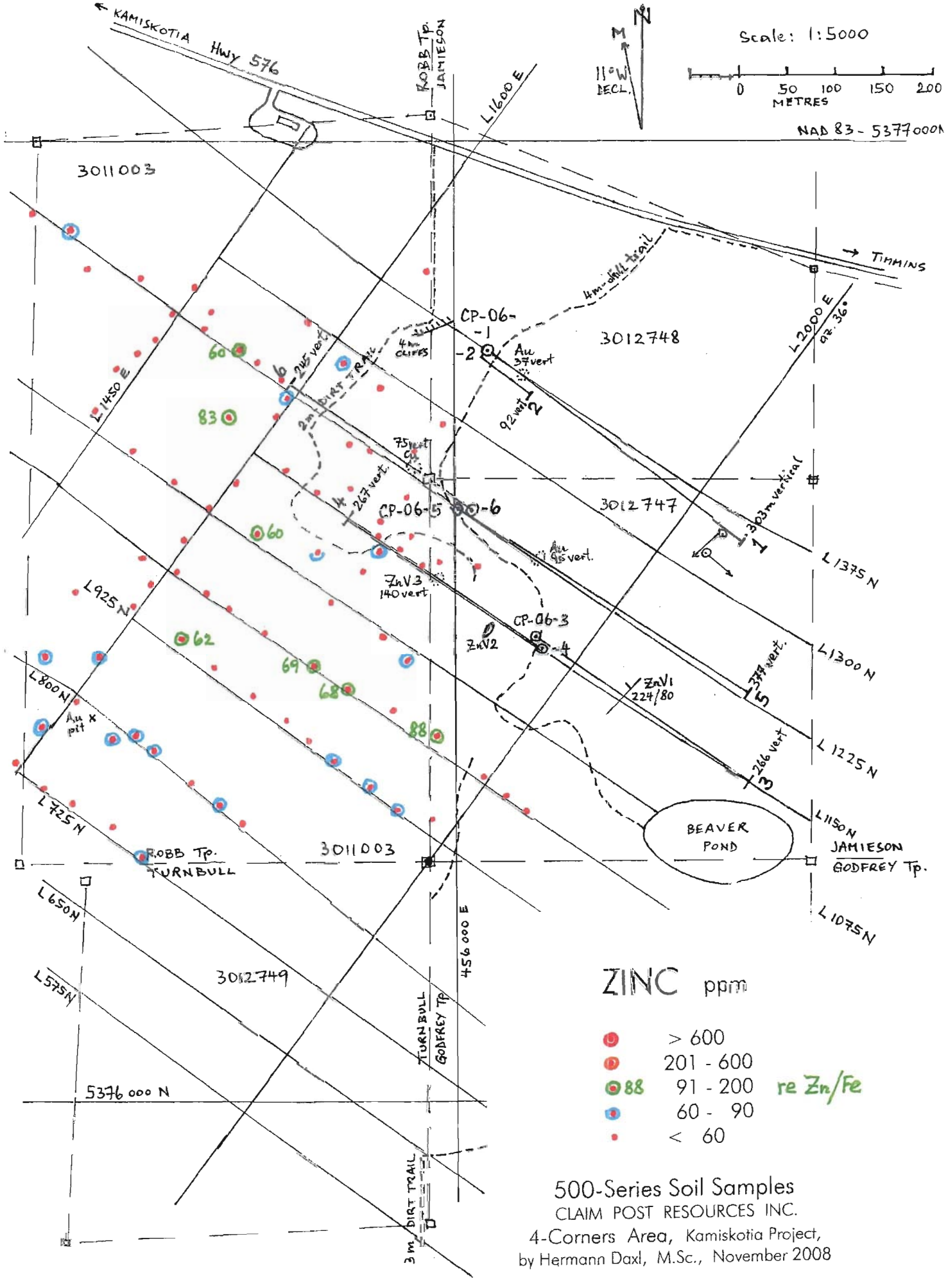
2-digit plots, per UTM,

500-Series Soil Samples

CLAIM POST RESOURCES INC.

4-Corners Area, Kamiskotia Project,

by Hermann Daxl, M.Sc., November 2008

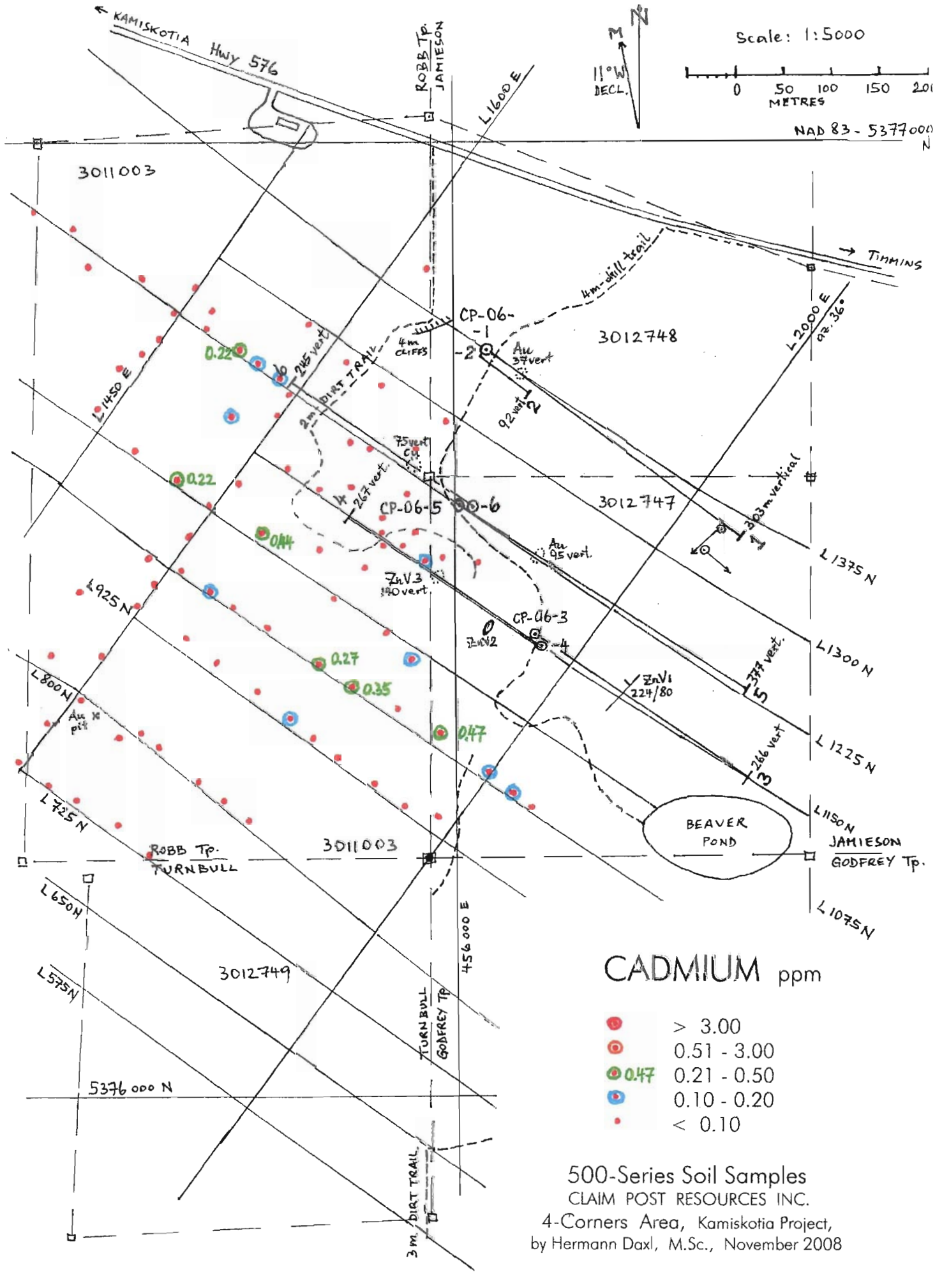


500-Series Soil Samples

CLAIM POST RESOURCES INC.

4-Corners Area, Kamiskotia Project,

by Hermann Daxl, M.Sc., November 2008



CADMIUM ppm

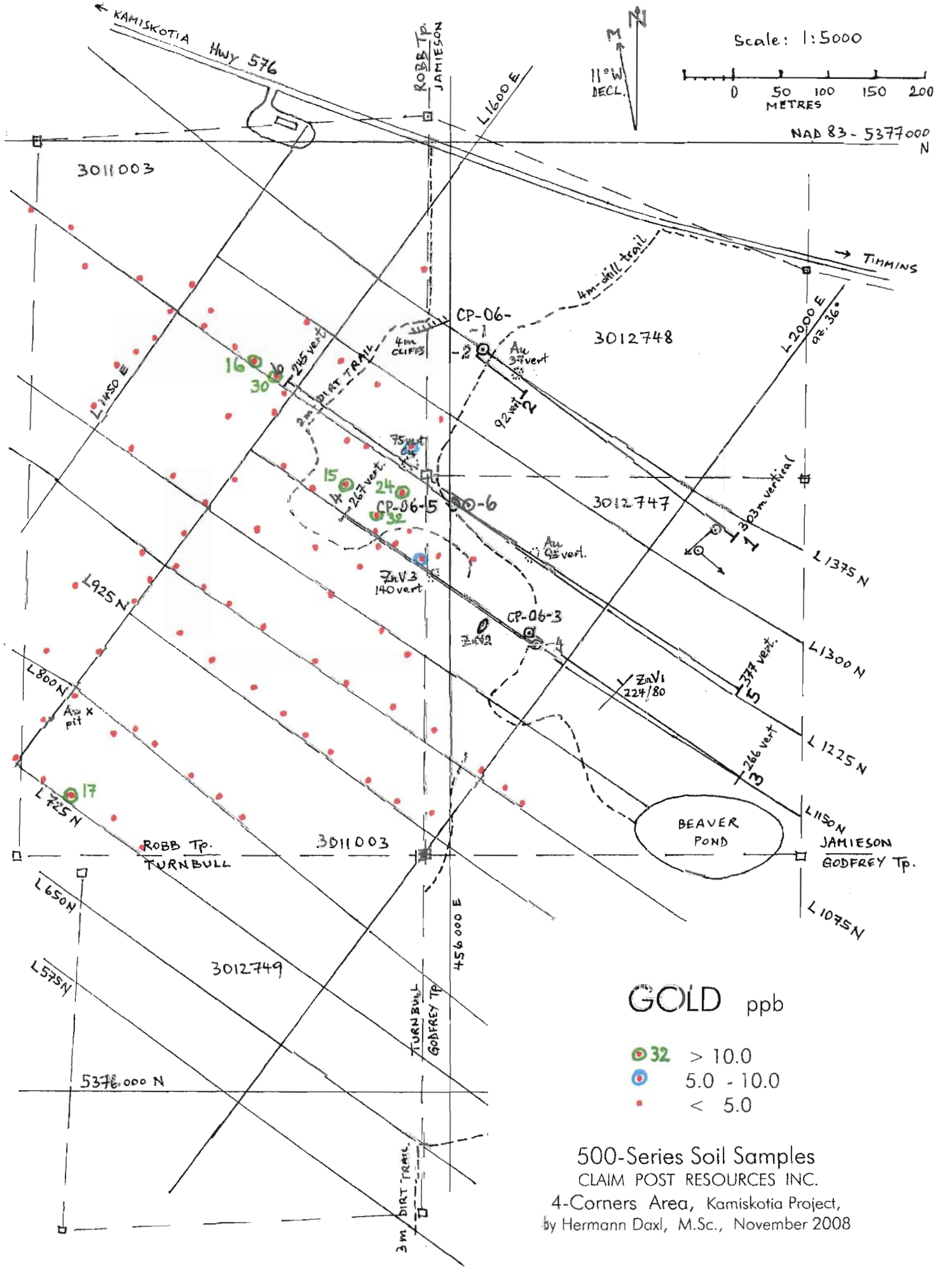
	> 3.00
	0.51 - 3.00
0.47	0.21 - 0.50
	0.10 - 0.20
	< 0.10

500-Series Soil Samples

CLAIM POST RESOURCES INC.

4-Corners Area, Kamiskotia Project,

by Hermann Daxl, M.Sc., November 2008



GOLD ppb

32 > 10.0

5.0 - 10.0

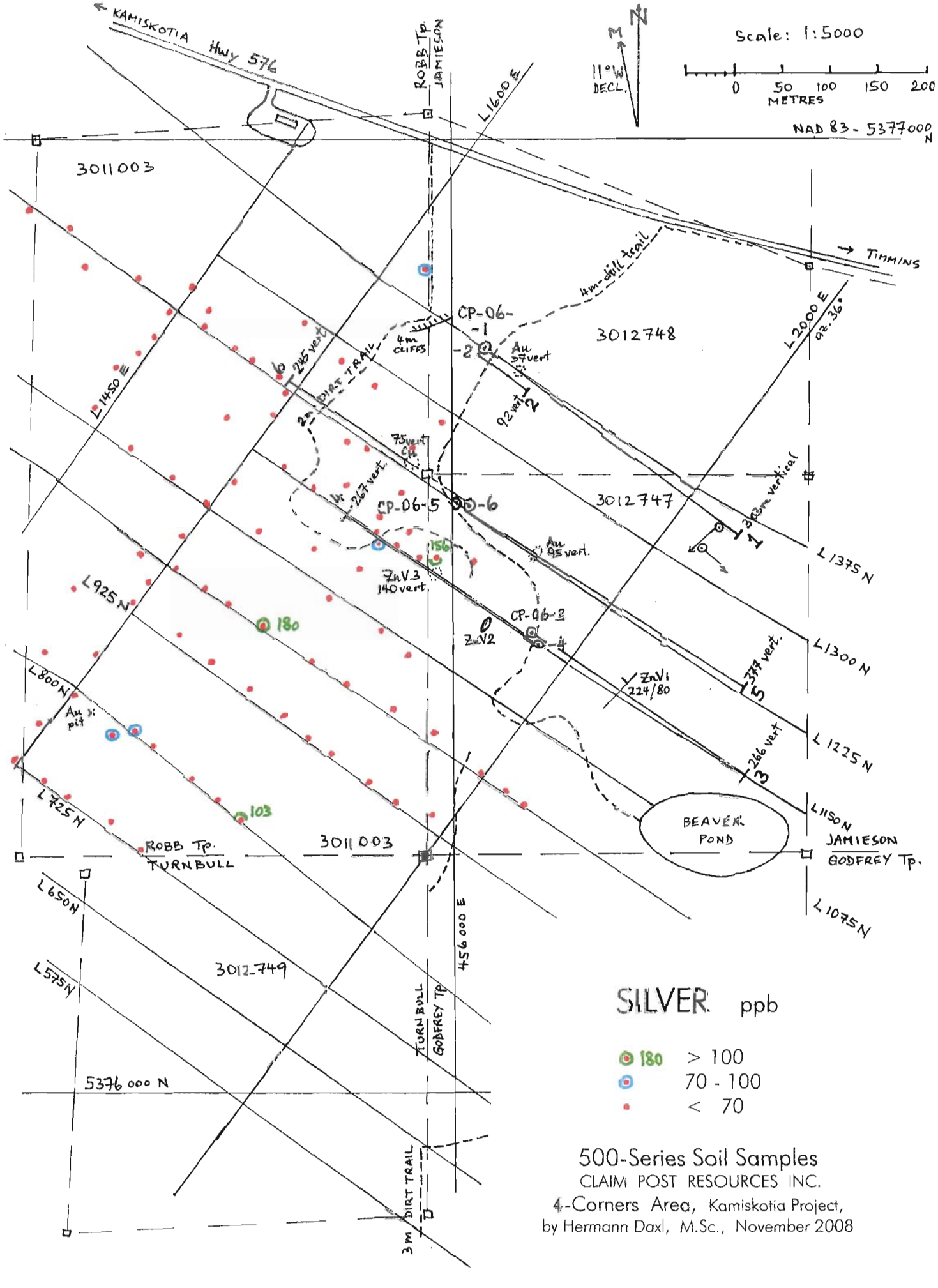
< 5.0

500-Series Soil Samples

CLAIM POST RESOURCES INC.

4-Corners Area, Kamiskotia Project,

by Hermann Daxl, M.Sc., November 2008



SILVER ppb

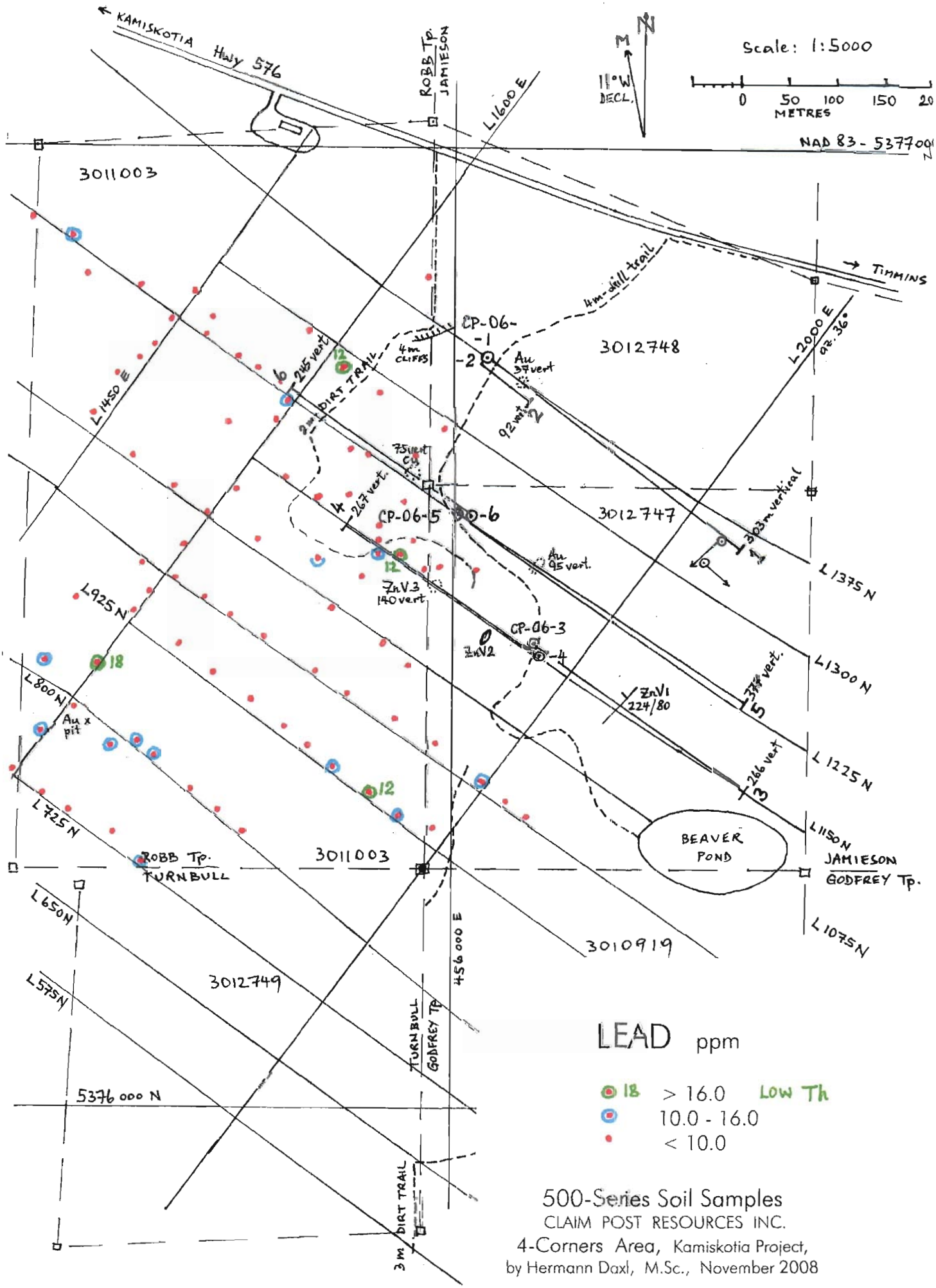
180	> 100
	70 - 100
	< 70

500-Series Soil Samples

CLAIM POST RESOURCES INC.

4-Corners Area, Kamiskotia Project,

by Hermann Daxl, M.Sc., November 2008


KAMISKOTIA Hwy 576
ROBB Tp.
JAMIESON
L1600 E
NAD 83 - 537700
Scale: 1:5000
0 50 100 150 20
METRES
11°W DECL.
3011003
TIMMINS
4m drill trail
CP-06-1
-2
Au 37 vert
3012748
L2000 E
092.36°
4m CLIFFS
2m DIRT TRAIL
245 vert
12
6
L1450 E
92 vert
75 vert
CP
267 vert.
4
CP-06-5
CP-06-6
3012747
303m vertical
Au 95 vert.
12
ZnV3
140 vert
L1375 N
L925 N
CP-06-3
ZnV2
-4
18
L800 N
Au x pit
ZnV1
224/80
37m vert.
5
L1300 N
L1225 N
266 vert
3
12
L725 N
L1150 N
BEAVER POND
ROBB Tp.
TURNBULL
3011003
JAMIESON
GODFREY Tp.
L650 N
L1075 N
3010919
456 000 E
3012749
L575 N
TURNBULL
GODFREY Tp
5376 000 N
3m DIRT TRAIL
LEAD ppm
18 > 16.0 Low Th
10.0 - 16.0
< 10.0
500-Series Soil Samples
CLAIM POST RESOURCES INC.
4-Corners Area, Kamiskotia Project,
by Hermann Daxl, M.Sc., November 2008

SOIL SAMPLES from CLAIM 3011003 by DAXL - NOV 2008 - Page 1 OF 4

GRID	#	CLAY SILT SAND C T D	MAG % 1-5	FIZ # 1-5	COLOUR HUE IF SO	DRY PALE-LIGHT MEDIUM-DARK P L M D	GRITTY LOW-HIGH L M H	HUMUS cm ON TOP	LEACHED cm ON TOP	SAMPLE cm	CHECK BELOW cm	UTM NAD 83 045...E-537...N
1220N - 1675E	501	D	0	0	—	L	H		0	✓		5889E - 6682N
	502	T	0	0	—	M	M		✓	yellow		5950 - 6630
	503	T	2	0	brown	D	M	5	5	10	15	5925 - 6608
	504	TD	3	0	—	M	H		0	✓		5918 - 6589
	505	C D	1	5	brown	M D	M		0	✓		5925 - 6574
	506	C D	0	0	—	M	M		0	blue		5956 - 6592
1155N - 1807E	507	TD	3	0	yell brown	D	H		15	brown		5968 - 6559
	508	TD	5	5	—	P	H		0	at 120 down		5987 - 6562
	509	C	0	2	—	L	L		0	50		up same hole
	510	CT	0	0	—	M	M	✓	0	20		6025 - 6559
1150N - 1780E	511	TD	0	0	—	M	H		0	✓		5938 - 6566
	512	C	0	0	pinkish	M	M		0	✓		5903 - 6553
	513	C	0	0	pinkish	M	M		0	env top at 60		5856 - 6574
	514	TD	0	0	—	L	H	✓	0	at 15		up same hole
1150N - 1675E	515	D	0	0	—	M	H	5	5	10	✓	5848 - 6633
	516	TD	0	0	brown	D	H	15	5	10		5890 - 6639
	517	D	0	0	brown	M	X	5	10	20	✓	5957 - 6675
	518	TG	0	0	—	M	H	10	bare 5	✓		5990 - 6705
	519	TD	0	0	yell	L	H		0	env. 5 at 50		5925 - 6743
	520	C	0	0	—	L	L	10	0	✓		5884 - 6764
	521	C	2	0	pink brown	M	H					KAMLAKE 708
	522	D	4	0	red brown	D	X					KAMLAKE 706
	523	G	3	0	red brown	D	X					KAMLAKE 707
1225N - 1600E	524	C	0	0	gray	M	L	15	0			5828 - 6739
1187N - 1600E	525	C	0	2	green	M	L	100	0	green 10		5817 - 6709
1150N - 1640E	526	C D	0	0	gray	L D	M	60	0			5826 - 6655
1110N - 1600E	527	C	0	0	blue green	M	L	70	0	green 10		5771 - 6644
1075N - 1600E	528	C	0	0	pinkish	M	L	10	0	brown		5747 - 6614
1028N - 1600E	529	C	0	0	gray	M	L	10	0	brown		5728 - 6584
1000N - 1610E	530	C	0	0	brown	M+D	L	60	0	blue	yell	5710 - 6551

GRID	#	CLAY SILT SAND C T D	MAG % 1-5	FIZ # 1-5	COLOUR HUE IF SO	DRY PALE-LIGHT MEDIUM-DARK P L M D	GRITTY LOW-HIGH L M H	HUMUS cm ON TOP	LEACHED cm ON TOP	SAMPLE cm	CHECK BELOW cm	UTM NAD 83 045...E - 537....N
1000N - 1644E	531	C	0	1	gray	L D	L	100	0	20	✓	5741 - 6533
1000N - 1675E	532	C	0	2	green	L	L	100	0	green		5765 - 6510
1000N - 1725E	533	C	0	2	gray yell	M D	L	60	0	green 10		5804 - 6485
1000N - 1785E	534	C	0	0	black green	M D	L	100	0	black 5		5851 - 6451
1000N - 1825E	535	C	0	1	gray black	D	L	70	0	black 5		5890 - 6435
1000N - 1880E	536	C	0	1	gray	L	L	70	0	green 5	yell.	5936 - 6406
	537	TD	0	0	yell br.	L M	M					TEST 437
1000N - 1940E	538	C	0	1	yell brown	L D	L	90	0	green 5	yell	5982 - 6380
1000N - 1995E	539	C dries v. hard	0	0	yell-gray	L D	L	80	0	green 5		6034 - 6337
1000N - 2025E	540	C	0	0	gray	L D	M	50	0	green 10		6052 - 6320
1000N - 2050E	541	CT	0	0	fair bit brown	M	M	50	sand 10	beige 10		6071 - 6304
925N - 1970E	542	TD	0	0	yell brown	L	H	10	sand 15	yell 10		5975 - 6296
925N - 1935E	543	C D	0	0	brown	M D	H	10	20	brown 20		5942 - 6307
925N - 1905E	544	C	0	0	brown	M	H	20	0	brown 20		5912 - 6328
925N - 1860E	545	C dries v. hard	0	0	brown spots	M	L	10	0	at 15 + 35		5876 - 6359
925N - 1825E	546	CT	0	5	—	L 5m to outcrop	M	10	0	at 10-30	blue streaks	5850 - 6378
925N - 1790E	547	C	0	0	yell + gray	M D	L	20	swamp wet	green 5		5828 - 6401
925N - 1746E	548	D	0	0	brown	M	H	15	dry	sand 10		5792 - 6427
925N - 1696E	549	T			brown	L M	M	10	0	10		5750 - 6456
925N - 1650E	550	CT	0	0	—	M	M	10	0	10		5718 - 6484
925N - 1600E	551	CT	0	0	yell + brown	M	H	10	0	at 15+40		5667 - 6518
960N - 1600E	552	CT	0	0	gray	L D	M	30	0	swamp edge	✓	5685 - 6540
1000N - 1560E	553	C	0	1	gray brown	M D	L	20	0	blue 20		5675 - 6569
	554	D	0	0	red brown	M D	H					TEST 424
1075N - 1550E	555	C	0	0	green gray	L D	0	110	0	black 10		5710 - 6650
1075N - 1500E	556	TD	0	0	brown	D	H	10	15	brown 10		5668 - 6680
1075N - 1450E	557	CTD	0	0	brown	D	H	10	20D 20C	brown at 50		5629 - 6716
1135N - 1450E	558	fine D	0	0	brown	M	H	10	10	brown 10	beige	5654 - 6760
1165N - 1450E	559	fine D	0	0	brown	M	H	10	10	brown 10		5674 - 6778
1190N - 1450E	560	fine D	1	0	brown	M	H	10	20	brown 10		5695 - 6793

GRID	#	CLAY SILT SAND C T D	MAG % 1-5	FIZZ # 1-5	COLOUR HUE IF SO	DRY PALE-LIGHT MEDIUM-DARK P L M D	GRITTY LOW-HIGH L M H	HUMUS cm ON TOP	LEACHED cm ON TOP	SAMPLE cm	CHECK BELOW cm	UTM NAD83 045....E - 537....N
1225N - 1450E	561	CT	0	0	brown	L D	H	10	20	20	✓	5709 - 6821
1260N - 1450E	562	TD	0	0	—	L	H	10	10	brown 25		5733 - 6846
1225N - 1485E	563	CT	0	0	gray brown	L D	H	10	sand 30	brown 20	brown 15 D	5741 - 6805
1225N - 1525E	564	C	0	1	green gray	M X	L	40	wet	blue 25		5780 - 6778
1225N - 1545E	565	C	0	0	yell gray	L D	L	5	edge swamp	black 15	beige 25	5794 - 6766
1230N - 1575E	566	C	0	1	gray	M D	L	10	0	black 20	✓yell	5819 - 6760
800N - 1810E	567	CTD	0	0	—	M	H	10	brown 10 D	brown 20		5777 - 6290
800N - 1811E	568	D	0	0	brown	D	X	10	10	15	✓beige	1m beside
800N - 1785E	569	C	0	0	yell black	L D	L	10	W. edge of swamp	green 15	yell	5756 - 6310
800N - 1747E	570	CT	0	0	brown	L M	M	10	0	brown 20		5727 - 6331
800N - 1700E	571	C	0	0	brown	D	L	5	5	brown 25		5689 - 6367
800N - 1678E	572	C	0	0	brown	D	L	10	10	brown 30	✓yell	5666 - 6381
790N - 1650E	573	C	0	0	brown	D	L	20	5	brown 25	✓varv	5647 - 6377
795N - 1600E	574	CTD	0	0	brown	P D	H	30	0	20	✓varv	5609 - 6417
800N - 1550E	575	C	0	0	brown	D	L	20	20	brown 30		5577 - 6461
890N - 1600E	576	C	0	0	brown	M D	L	20	0	20		5634 - 6464
	577	T	0	0	buff	M	LM					TEST 477
725N - 1750E	578	C	0	5	brown	M D	L	20	W edge of swamp	80 to brown	soft	5679 - 6257
725N - 1710E	579	CT	0	1	gray brown	M	H	20	N edge of swamp	30		5646 - 6286
725N - 1657E	580	CT	0	0	yell brown	L D	H	20	0	25		5603 - 6313
725N - 1620E	581	CT	0	0	brown	L D	H	15	gray 15 D	brown 15		5575 - 6324
743N - 1590E	582	CT	0	4	brown	L D	H	10	0	brown 25		5546 - 6352
790N - 1600E	583	C dries v. hard	0	1	brown	D	L	10	0	brown 25	✓beige	5573 - 6389
	584	TD	0	0	—	M	H	20	5 D	15	✓beige	5608 - 6529
	585	C	0	0	gray brown	M D	L	100	0	✓		5769 - 6711
on TPL.	586	C	0	0	green black	M D	L	120	0	green 5		5970 - 6864
1075N - 1650E	587	C	0	0	green black	M D	L	120	0	black-green 5		5797 - 6591
1060N - 1760E	588	C	0	0	yell brown	M	H	10	wet 35 C	brown 15		5873 - 6519
1050N - 1825E	589	C	0	0	brown gray	L M	H	10	0	black 15	beige	5927 - 6486
1045N - 1870E	590	C	0	0	brown gray	M D	H	10	0	15		5954 - 6460

GRID	#	CLAY SILT SAND C T D	MAG % 1-5	FIZZ # 1-5	COLOUR HUE IF SO	DRY PALE-LIGHT MEDIUM-DARK P L M D	GRITTY LOW-HIGH L M H	HUMUS cm ON TOP	LEACHED cm ON TOP	SAMPLE cm	CHECK BELOW cm	UTM NAD 83 045....E - 537....N
1225N - 1700E	591	D	0	0	pinkish	L	H	10	5	brown 25	✓ beige	5912 - 6678
1218N - 1400E	592	D	0	0	—	M	H	10	0	enrich 10	beige 25	5673 - 6858
1200N - 1350E	593	D	0	0	pinkish	L	H	10	10	brown 10	beige 25	5620 - 6870
1225N - 1315E	594	TD	0	0	pinkish	M	H	5	0	brown 15 + 20C	20D	5603 - 6912
1225N - 1262E	595	fineD	0	0	pinkish	M	H	5	5	brown 20	beige 15	5561 - 6935
	596	TD	0	0	brown	MD	M	10	0	brown 10	beige 25	5753 - 6821
1296N - 1566E	597	D	0	0	—	L	H	10	0	tan 10	beige 25	5847 - 6817
	598	CT	0	0	—	M	M					TEST 447
	599	C	0	0	pink	LM	L					TEST 409

G = gravel < 7mm
X = Extreme

TESTS from CP-07-SOIL.

>20 cm humus in swamps, sampled interface and <15 cm below.
Sampled under leached soil, under humus if none leached, or enriched lower.
Bottle - crushed to release fines, not to crush sand grains. Often enriched.
Plastic sieved < 80 mesh ≈ 200 µm, also the tests.
Analyzed by aqua regia lead, ICP/MS, Ultratrace 1.
Humus was not sampled this time, so all can be considered glacio-lacustrine, mostly packed, often varved, clay with local beach sands, some very mature.
UTM as well as GRID all measured in the field. Plots per UTM.
No magnetite in 597 although it is on extreme MAG anomaly.

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 26-Nov-08
Invoice No.: A08-8224
Invoice Date: 04-Dec-08
Your Reference: CP-08-SOIL

CLAIM POST RESOURCES INC
39-630 RIVERPARK ROAD
TIMMINS ON P4P 1B4
Canada

ATTN: Herman Daxl

CERTIFICATE OF ANALYSIS

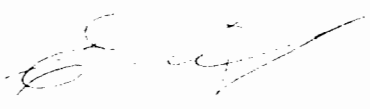
99 ~~Pulp~~ SOIL samples were submitted for analysis. B-HORIZON SOILS, OFTEN ENRICHED, <80 mesh = ~200 µm.

The following analytical package was requested: Code UT-1-0.5g Aqua Regia ICP/MS
0.5 g aliquots from ~200 g homogenized.

REPORT **A08-8224**

Notes:
Assays are recommended for values >10,000 for Cu and Au.

CERTIFIED BY :



Elitsa Hrischeva. Ph.D.
Quality Control

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by aqua regia - ICP/MS

Activation Laboratories Ltd. **Report: A08-8224**

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
501	4.8	0.2	2	0.027	0.21	0.65	0.03	< 0.02	0.35	2.0	20	18.5	113	0.85	3.8	11.6	7.94	13.6	2.29	< 0.1	0.5	0.6	5.1	16.8
502	9.6	0.3	5	0.031	0.30	1.25	0.06	< 0.02	0.39	3.3	28	28.3	118	1.40	5.9	19.5	12.4	20.3	4.50	0.1	1.4	1.4	7.3	20.4
503	11.6	0.4	4	0.027	0.22	1.63	0.04	< 0.02	0.29	2.9	29	23.3	108	1.62	8.9	19.0	8.75	17.5	3.72	< 0.1	0.9	1.1	5.9	14.4
504	12.7	0.3	5	0.029	0.33	1.43	0.07	< 0.02	0.40	3.5	32	34.0	155	1.43	6.8	21.5	8.74	36.7	4.27	< 0.1	< 0.1	0.6	12.3	17.9
505	41.4	1.0	21	0.053	1.49	3.19	0.48	< 0.02	2.95	9.8	68	81.3	574	4.02	17.1	44.8	31.3	70.8	11.3	0.1	1.2	1.0	60.0	44.3
506	9.1	0.4	4	0.029	0.29	0.89	0.05	< 0.02	0.48	3.7	25	26.6	193	1.18	5.4	13.2	6.74	24.7	3.25	< 0.1	< 0.1	0.5	8.4	19.5
507	11.7	0.5	4	0.023	0.20	2.01	0.05	< 0.02	0.22	2.7	42	31.7	84	2.18	4.4	13.4	6.88	30.7	6.66	< 0.1	1.4	0.7	8.0	11.7
508	5.5	0.3	9	0.038	1.88	0.56	0.05	< 0.02	5.72	2.5	21	19.1	203	0.90	4.0	10.9	9.53	14.2	1.95	< 0.1	0.3	0.4	6.6	43.0
509	26.6	0.7	9	0.045	0.84	2.53	0.20	< 0.02	0.68	7.8	55	64.1	436	2.75	11.4	32.3	17.5	49.4	8.32	0.1	0.6	0.4	27.6	33.7
510	10.2	0.3	5	0.034	0.35	1.12	0.08	< 0.02	0.53	4.3	31	31.0	279	1.42	6.0	14.7	7.27	21.4	3.73	0.1	0.4	0.5	11.4	24.1
511	7.1	0.1	8	0.032	0.30	0.91	0.05	< 0.02	0.52	2.9	22	23.3	109	0.98	4.5	13.5	6.51	17.8	2.94	< 0.1	< 0.1	0.4	6.6	20.2
512	29.4	0.7	14	0.043	0.88	2.39	0.29	< 0.02	0.71	6.8	51	55.9	421	2.78	11.0	29.5	13.7	48.0	7.54	0.1	0.6	0.6	40.3	26.9
513	39.0	1.3	20	0.052	1.14	3.45	0.43	< 0.02	0.83	10.9	74	81.5	745	4.16	18.5	47.8	40.7	71.6	11.6	0.1	1.6	0.6	49.4	33.8
514	10.3	0.2	4	0.027	0.29	0.87	0.06	< 0.02	0.28	2.5	27	24.2	112	1.02	4.4	12.7	4.91	19.5	4.00	< 0.1	0.1	0.4	11.3	15.6
515	7.7	0.2	3	0.022	0.13	1.21	0.03	< 0.02	0.18	1.9	25	18.9	57	0.97	3.5	9.3	7.13	13.1	4.57	< 0.1	3.0	0.3	3.8	11.1
516	18.0	0.4	3	0.023	0.31	3.74	0.04	< 0.02	0.15	7.5	73	50.9	89	2.99	5.4	15.1	35.1	30.7	9.90	< 0.1	2.1	1.1	6.5	9.3
517	26.2	0.8	5	0.025	0.50	2.79	0.07	< 0.02	0.30	5.3	116	74.0	221	5.32	11.9	40.0	42.3	43.6	16.4	0.1	2.8	0.9	12.8	12.9
518	18.3	0.3	4	0.028	0.33	1.80	0.05	< 0.02	0.29	3.8	32	34.0	113	1.50	10.0	29.6	12.7	21.6	5.35	< 0.1	< 0.1	0.5	7.5	16.5
519	6.5	0.2	3	0.023	0.17	1.25	0.03	< 0.02	0.24	2.6	19	19.4	66	0.84	2.7	9.1	8.77	12.5	2.68	< 0.1	0.6	0.6	3.7	11.5
520	36.3	0.6	10	0.042	1.09	2.66	0.27	< 0.02	0.45	6.5	78	78.6	507	3.56	17.6	40.5	18.0	71.4	12.8	< 0.1	0.2	0.4	58.0	29.0
521 = 708	50.8	1.6	19	0.051	1.27	4.10	0.51	< 0.02	0.93	11.9	80	95.1	631	4.83	19.6	55.1	40.4	79.0	13.4	0.1	2.0	0.7	63.6	37.3
522 = 706 KAMLAKS	22.7	0.8	10	0.031	0.50	2.41	0.14	< 0.02	0.43	4.4	67	60.8	432	3.25	16.4	55.0	25.9	35.3	6.44	0.1	3.4	0.5	23.8	18.9
523 = 707	30.7	0.7	11	0.027	0.49	2.92	0.15	< 0.02	0.43	4.1	87	71.7	208	4.24	14.2	43.7	14.8	41.7	8.17	0.1	3.2	0.8	25.6	19.3
524	40.0	1.0	15	0.039	1.12	3.26	0.38	< 0.02	0.80	8.4	64	67.3	456	3.56	14.5	41.1	23.7	67.7	10.1	0.1	1.2	0.8	59.6	34.6
525	22.2	0.7	13	0.040	2.17	1.54	0.21	< 0.02	3.65	5.5	44	42.2	256	2.06	9.8	26.3	17.1	41.0	5.55	0.1	0.6	0.6	22.8	34.2
526	23.2	0.6	9	0.035	0.55	1.80	0.15	< 0.02	0.61	5.4	41	42.1	156	1.97	8.9	22.9	15.4	34.2	5.99	0.1	0.4	0.6	20.4	24.7
527	24.8	0.6	10	0.038	0.92	1.86	0.20	< 0.02	1.02	6.1	48	46.7	220	2.05	10.4	27.4	12.3	46.2	6.60	0.1	< 0.1	0.3	20.2	30.3
528	25.0	0.6	8	0.040	0.63	1.95	0.16	< 0.02	0.57	5.3	44	43.1	277	2.06	8.4	22.8	10.5	36.6	6.79	0.1	0.3	0.4	26.2	28.1
529	15.3	0.5	7	0.035	0.44	1.31	0.12	< 0.02	0.53	4.2	32	31.3	187	1.54	6.7	15.8	6.03	35.4	4.94	0.1	< 0.1	0.3	23.2	25.5
530	35.6	0.9	14	0.040	0.80	2.49	0.24	< 0.02	0.85	7.4	58	56.0	217	2.71	10.2	30.1	23.9	57.1	8.73	0.1	0.4	0.8	31.3	33.3
531	22.5	0.6	13	0.036	1.44	1.69	0.21	< 0.02	2.40	5.3	44	44.5	296	2.10	10.1	24.3	18.3	51.0	5.99	0.1	1.0	0.5	25.1	32.2
532	19.5	0.5	11	0.039	1.38	1.56	0.21	< 0.02	1.95	5.6	41	41.9	216	1.93	9.0	25.9	14.4	40.5	5.74	0.1	< 0.1	0.6	24.9	31.4
533	22.5	0.7	12	0.038	0.67	1.85	0.24	< 0.02	0.64	5.9	47	47.2	269	2.45	10.1	24.9	13.5	52.3	6.50	0.1	2.7	0.6	29.1	27.8
534	35.7	0.8	14	0.039	0.81	2.30	0.26	< 0.02	1.04	6.7	53	55.4	272	2.44	12.7	35.4	28.4	68.9	7.97	0.1	2.6	1.3	30.6	37.1
535	36.3	0.8	12	0.037	0.76	2.37	0.26	< 0.02	1.01	6.4	51	52.0	237	2.33	10.8	31.0	25.8	67.9	7.61	0.1	1.3	1.1	31.2	35.1
536	19.7	0.6	11	0.036	0.60	1.61	0.23	< 0.02	0.59	5.0	41	41.3	193	1.92	8.7	22.6	14.1	42.1	5.39	0.1	0.4	0.5	25.7	27.6
537 = TEST 437	13.5	0.5	4	0.026	0.30	1.56	0.06	< 0.02	0.24	3.4	38	28.9	123	1.86	5.4	17.7	12.8	41.0	5.58	< 0.1	1.3	0.7	10.0	16.3
538	35.5	0.7	13	0.038	0.77	2.37	0.25	< 0.02	0.83	6.5	52	53.6	254	2.86	11.3	27.6	17.8	87.7	7.55	0.1	0.7	0.8	34.2	34.3
539	37.5	0.8	12	0.037	0.77	2.45	0.25	< 0.02	0.90	7.0	59	55.9	254	2.75	12.0	29.7	17.0	60.6	8.78	0.1	1.2	0.8	31.4	31.9
540	38.9	0.9	12	0.034	0.73	2.34	0.22	< 0.02	0.94	6.4	58	50.7	215	2.49	9.0	29.0	28.4	47.4	8.15	0.1	0.7	1.2	24.5	29.3
541	29.3	0.8	18	0.040	0.83	2.46	0.33	< 0.02	0.68	6.6	54	56.4	352	2.78	10.4	30.9	23.5	50.7	7.57	0.1	1.2	0.5	36.2	27.9
542	5.2	0.1	3	0.025	0.16	0.70	0.03	< 0.02	0.29	1.9	13	14.3	77	0.63	2.7	8.5	6.36	12.8	2.00	< 0.1	0.2	0.5	3.5	12.6
543	49.7	1.5	23	0.044	1.16	3.99	0.49	< 0.02	0.78	11.4	77	88.8	486	4.26	16.8	55.1	48.0	72.5	11.9	0.1	2.0	0.8	52.0	34.1
544	35.4	0.8	12	0.033	0.81	3.02	0.24	< 0.02	0.61	6.0	71	60.8	1150	3.81	31.0	32.3	17.2	66.4	9.26	0.1	< 0.1	0.6	42.1	29.6
545	45.0	1.3	19	0.049	1.32	3.48	0.43	< 0.02	0.84	9.6	75	77.7	677	4.01	18.2	47.0	27.8	78.3	11.8	0.1	1.4	0.6	59.9	33.9
546	15.1	0.3	8	0.039	1.23	1.35	0.12	< 0.02	2.71	4.5	37	37.8	660	1.76	9.2	19.0	12.0	32.3	4.51	0.1	0.1	0.5	17.8	35.6
547	20.6	0.6	10	0.031	0.56	2.06	0.20	< 0.02	0.58	5.3	42	45.8	172	2.12	8.4	24.0	25.5	53.5	6.76	0.1	< 0.1	0.4	23.8	23.2
548	13.1	0.2	5	0.024	0.28	1.22	0.08	< 0.02	0.19	2.3	28	23.8	90	1.18	4.4	14.6	4.30	24.6	5.02	< 0.1	0.3	0.3	11.3	11.9
549	8.0	0.2	4	0.025	0.20	0.82	0.06	< 0.02	0.20	2.0	23	16.9	78	0.79	2.8	7.2	2.41	18.6	3.61	< 0.1	< 0.1	0.2	13.2	14.1
550	29.9	0.8	8	0.038	0.87	2.40	0.19	< 0.02	0.62	6.6	54	52.4	448	2.64	11.5	33.3	17.1	61.5	8.02	0.1	2.4	0.5	37.8	28.7
551	18.0	0.6	10	0.033	0.53	1.69	0.18	< 0.02	0.45	4.9	40	40.1	241	1.83	6.9	21.4	14.7	33.0	6.27	0.1	2.3	0.7	25.2	22.5
552	25.6	0.7	13	0.045	1.38	1.93	0.26	< 0.02	1.99	5.9	46	47.2	322	2.34	9.4	25.6	14.6	44.9	6.55	0.1	1.2	0.5	33.6	34.2

by aqua regia – ICP/MS

Activation Laboratories Ltd. **Report: A08-8224**

Analyte Symbol		Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol		ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit		0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method		AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
553		22.8	0.5	9	0.033	0.57	1.77	0.17	< 0.02	0.69	5.3	37	39.5	185	1.82	7.9	21.9	8.52	48.0	5.94	0.1	0.9	1.0	24.6	27.7
554	= TEST 424	19.9	1.4	6	0.033	0.29	5.53	0.05	< 0.02	0.36	4.1	67	56.1	98	4.88	8.5	21.3	12.2	25.8	13.4	0.1	2.9	1.2	6.9	22.6
555		28.3	0.6	12	0.038	1.06	1.95	0.20	< 0.02	1.52	5.8	50	48.3	212	1.98	10.3	28.4	30.8	53.5	6.72	0.1	1.9	1.2	19.7	33.6
556		8.1	0.3	9	0.023	0.18	0.91	0.05	< 0.02	0.26	1.9	16	19.6	78	0.66	2.6	7.9	2.42	10.3	2.86	0.1	0.4	0.7	5.8	13.6
557		37.8	1.2	18	0.045	0.98	3.14	0.37	< 0.02	0.66	8.5	61	72.4	406	3.23	12.3	42.3	31.5	53.9	9.99	0.1	1.7	0.6	42.2	27.8
558		9.8	0.3	5	0.024	0.22	1.04	0.06	< 0.02	0.32	2.2	23	19.4	102	0.98	3.7	10.8	6.22	15.3	2.96	0.1	0.4	0.5	8.1	15.8
559		8.4	0.3	4	0.024	0.21	0.84	0.05	< 0.02	0.32	2.0	20	19.0	88	0.83	3.1	10.0	3.37	11.1	2.81	0.1	0.4	0.6	6.7	15.1
560		9.8	0.3	5	0.024	0.24	0.98	0.07	< 0.02	0.29	2.0	21	19.9	94	0.88	3.5	10.9	4.22	14.7	3.31	< 0.1	0.1	0.3	8.9	14.3
561		28.0	1.0	13	0.040	0.76	2.49	0.27	< 0.02	0.55	7.5	50	56.0	380	2.56	9.9	34.8	25.4	46.8	8.15	0.1	1.3	0.4	30.4	26.1
562		8.5	0.2	4	0.024	0.22	0.91	0.06	< 0.02	0.26	2.0	22	18.6	103	0.86	3.6	8.8	3.06	14.8	3.42	< 0.1	0.3	0.6	8.9	14.2
563		21.3	0.9	13	0.036	0.71	1.94	0.23	< 0.02	0.94	6.0	45	51.2	286	2.31	8.0	26.1	18.6	36.5	6.15	0.1	0.9	0.6	26.0	26.7
564		21.7	0.6	10	0.032	0.55	1.81	0.18	< 0.02	0.82	4.9	37	41.9	217	1.72	8.8	20.9	11.5	60.2	5.92	0.1	< 0.1	1.0	26.1	31.6
565		15.0	0.5	5	0.029	0.40	1.21	0.11	< 0.02	0.47	3.4	29	29.8	419	1.26	7.9	15.6	7.84	32.3	4.73	0.1	< 0.1	1.1	20.6	22.5
566		33.3	0.7	12	0.038	0.83	2.52	0.28	< 0.02	0.84	6.0	56	52.4	297	2.72	11.6	29.8	17.2	56.4	8.28	0.1	0.5	1.0	43.6	33.6
567		29.3	0.9	12	0.039	0.77	2.49	0.25	< 0.02	0.54	7.1	61	57.2	310	2.80	14.1	34.7	28.2	48.0	9.81	0.1	1.2	1.1	28.6	25.4
568		23.3	0.9	8	0.029	0.49	2.60	0.15	< 0.02	0.35	4.8	49	40.0	154	2.63	11.2	27.2	33.1	43.4	7.48	0.1	0.8	1.2	16.9	15.4
569		38.5	0.7	11	0.035	0.80	2.41	0.25	< 0.02	0.69	6.4	56	51.3	571	2.73	14.3	32.9	18.1	65.0	7.91	0.1	0.2	0.9	26.3	29.7
570		23.3	0.8	11	0.035	0.61	1.95	0.23	< 0.02	0.53	5.3	44	43.6	263	2.12	8.1	24.3	17.0	36.1	5.98	0.1	0.9	0.9	27.0	24.7
571		47.2	1.4	20	0.051	1.25	3.54	0.47	< 0.02	0.72	9.7	73	75.8	642	3.86	17.2	48.3	29.8	72.3	12.4	0.1	1.8	0.7	58.2	33.1
572		41.6	1.2	19	0.043	1.11	3.16	0.42	< 0.02	0.78	8.4	66	67.5	494	3.38	14.8	42.7	28.4	66.2	10.9	0.1	1.2	0.6	52.7	33.0
573		54.0	1.8	23	0.051	1.41	3.94	0.58	< 0.02	0.88	10.5	83	87.3	612	4.45	18.9	52.5	35.1	89.1	12.2	0.1	2.0	0.9	65.2	37.5
574		10.0	0.4	6	0.033	0.94	0.82	0.05	< 0.02	1.71	4.5	23	20.8	104	0.97	4.4	12.9	29.6	22.2	2.37	0.1	< 0.1	0.8	6.7	23.3
575		45.6	1.4	26	0.047	1.19	3.49	0.52	< 0.02	0.76	9.2	77	76.6	615	4.16	17.1	47.0	35.9	73.0	10.8	0.1	2.6	0.8	54.1	35.7
576		56.8	1.6	23	0.056	1.47	4.84	0.55	0.02	0.84	12.2	90	99.4	597	4.92	21.5	57.9	43.0	87.5	14.6	0.1	1.5	0.7	64.8	37.4
577	= TEST 477	21.2	0.6	5	0.023	0.32	1.90	0.07	< 0.02	0.26	3.3	59	57.8	154	3.68	9.4	28.9	17.0	42.0	9.44	0.1	1.3	1.1	11.0	14.5
578		39.8	1.1	21	0.056	1.86	2.70	0.44	< 0.02	4.24	8.0	67	66.4	723	3.39	15.8	43.0	30.9	66.8	9.51	0.1	2.0	0.7	49.7	57.2
579		22.2	0.7	9	0.033	0.59	1.68	0.21	< 0.02	0.52	4.8	41	41.7	334	1.98	9.9	23.6	10.1	39.3	6.12	0.1	2.3	0.5	34.4	23.3
580		33.0	0.9	16	0.043	1.18	2.47	0.36	< 0.02	1.40	7.3	59	59.7	434	2.96	11.9	35.2	26.7	51.7	8.44	0.1	3.4	0.8	38.4	31.9
581		33.2	1.1	14	0.043	0.96	2.57	0.35	< 0.02	0.80	7.0	53	54.6	375	2.79	10.7	33.1	23.0	51.7	7.85	0.1	2.8	0.7	38.3	29.3
582		33.2	0.9	16	0.045	1.39	2.53	0.38	< 0.02	2.24	7.4	56	59.7	461	2.97	12.2	36.2	27.8	55.7	8.71	0.1	2.1	0.7	38.4	36.8
583		50.1	1.5	23	0.056	1.32	3.64	0.54	< 0.02	0.78	10.1	77	81.5	582	4.19	17.6	52.5	35.7	75.1	12.7	0.1	2.9	1.1	58.0	36.3
584		8.7	0.5	4	0.023	0.24	0.92	0.07	< 0.02	0.24	2.1	21	19.6	92	0.87	3.6	10.1	4.14	16.7	3.42	< 0.1	0.6	0.4	10.5	13.3
585		29.7	0.7	10	0.039	0.66	1.98	0.20	< 0.02	0.91	5.2	39	42.7	196	1.81	9.1	25.7	16.3	82.9	6.48	0.1	0.3	0.9	18.7	32.2
586		36.8	0.8	10	0.037	0.75	2.20	0.22	< 0.02	0.87	6.1	47	47.1	211	1.90	9.9	30.5	35.5	46.5	7.65	0.1	0.8	1.1	20.8	32.6
587		31.1	0.7	11	0.032	0.65	2.02	0.21	< 0.02	0.81	5.8	46	47.5	174	1.80	9.5	26.7	46.4	60.3	6.67	0.1	1.5	1.2	17.9	31.0
588		29.5	1.0	14	0.039	0.84	2.24	0.34	< 0.02	0.66	6.5	54	57.0	376	2.69	13.2	32.5	15.9	50.5	7.68	0.1	1.1	0.6	40.5	28.8
589		23.2	0.8	10	0.035	0.67	1.85	0.22	< 0.02	0.57	5.3	42	42.2	271	2.12	8.4	23.8	15.0	43.3	6.15	0.1	0.9	0.7	31.8	25.2
590		29.6	0.9	12	0.038	0.86	2.25	0.28	< 0.02	0.70	6.6	52	51.9	383	2.59	11.3	31.5	20.5	65.9	7.61	0.1	0.9	0.8	37.3	28.8
591		8.9	0.4	3	0.023	0.20	0.83	0.03	< 0.02	0.22	2.0	23	18.1	74	0.80	3.6	11.3	6.36	13.6	3.52	< 0.1	< 0.1	0.3	4.1	12.5
592		12.7	0.3	3	0.025	0.26	0.84	0.03	< 0.02	0.44	2.4	24	27.0	109	1.16	5.1	14.8	11.5	26.6	2.20	0.1	0.4	0.8	4.2	15.0
593		5.7	0.2	5	0.020	0.14	0.81	0.04	< 0.02	0.14	1.8	35	15.0	56	0.75	2.0	7.7	4.14	10.7	6.75	0.1	0.4	0.6	5.5	11.2
594		62.7	1.3	17	0.038	1.16	4.65	0.40	< 0.02	0.47	8.0	97	82.3	532	4.49	16.8	46.8	21.7	71.9	16.4	0.1	1.7	0.9	62.9	25.3
595		12.7	0.4	4	0.023	0.24	1.29	0.05	< 0.02	0.25	2.2	24	18.8	87	0.98	4.8	11.9	4.86	15.6	4.48	0.1	< 0.1	0.5	8.4	14.9
596		17.9	0.2	6	0.025	0.31	1.38	0.09	< 0.02	0.45	2.6	33	25.3	287	1.28	11.2	13.1	4.15	34.3	5.34	< 0.1	< 0.1	0.5	14.5	17.6
597		7.8	0.3	3	0.027	0.21	0.92	0.04	< 0.02	0.34	2.5	20	17.5	87	0.84	4.0	11.2	8.05	16.0	2.86	0.1	< 0.1	0.4	5.7	17.2
598	= TEST 447	11.8	0.6	8	0.032	0.41	1.22	0.07	< 0.02	0.51	4.4	31	33.6	180	1.38	6.5	22.8	13.7	287	4.02	0.1	< 0.1	0.5	8.0	20.0
599	= TEST 409	32.5	1.1	14	0.047	0.96	3.13	0.31	< 0.02	0.88	9.0	59	71.0	413	3.07	12.4	40.5	35.9	352	9.52	0.1	0.8	0.8	31.0	36.4

by aqua regia - ICP/MS

Activation Laboratories Ltd. **Report: A08-8224**

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
501	5.95	1.9	1.1	0.02	0.008	< 0.01	< 0.02	0.27	0.11	0.08	0.40	23.9	16.9	38.9	4.3	15.5	2.8	0.4	1.9	0.2	1.40	0.3	0.6	0.1
502	5.58	5.1	2.1	0.40	0.025	0.04	< 0.02	0.44	0.12	0.05	0.60	49.1	16.6	33.8	4.0	14.7	2.6	0.4	1.8	0.2	1.20	0.2	0.6	0.1
503	5.33	3.0	1.8	0.14	0.027	0.06	< 0.02	0.35	0.09	0.06	0.50	43.0	14.8	32.3	3.7	13.7	2.5	0.4	1.7	0.2	1.20	0.2	0.6	0.1
504	6.93	3.0	1.6	< 0.01	0.067	0.02	< 0.02	0.50	0.04	0.04	0.90	68.5	21.2	44.4	5.1	18.6	3.2	0.5	2.2	0.3	1.50	0.3	0.7	0.1
505	14.8	17.8	0.3	0.03	0.097	0.06	0.02	1.07	0.18	0.06	3.00	179	41.4	79.5	9.6	34.7	5.8	0.9	4.1	0.5	3.00	0.5	1.4	0.2
506	8.65	2.2	1.1	< 0.01	0.013	0.02	< 0.02	0.42	0.02	0.05	0.70	39.0	24.5	49.8	5.9	21.7	3.9	0.6	2.7	0.4	2.00	0.4	0.9	0.1
507	3.96	2.9	2.2	0.27	0.016	0.12	< 0.02	0.43	0.04	0.04	0.70	38.3	13.3	27.5	3.2	11.4	2.0	0.3	1.4	0.2	0.900	0.2	0.4	0.1
508	6.90	8.4	0.5	< 0.01	0.156	0.04	< 0.02	0.28	0.02	< 0.02	0.40	29.9	18.0	37.1	4.4	16.5	2.9	0.5	2.1	0.3	1.50	0.3	0.7	0.1
509	11.3	9.0	0.8	< 0.01	0.019	0.02	< 0.02	0.84	0.05	< 0.02	1.80	130	29.4	55.2	7.1	25.6	4.5	0.8	3.2	0.4	2.40	0.4	1.2	0.2
510	9.58	5.5	1.3	< 0.01	0.025	0.04	< 0.02	0.54	< 0.02	0.05	0.70	48.6	26.2	51.5	6.5	23.6	4.2	0.7	3.0	0.4	2.10	0.4	0.9	0.1
511	5.81	2.4	1.2	< 0.01	< 0.002	< 0.01	< 0.02	0.31	< 0.02	< 0.02	0.60	35.2	16.0	34.2	4.0	14.7	2.6	0.4	1.9	0.2	1.20	0.2	0.6	0.1
512	9.78	8.5	1.0	< 0.01	0.031	0.02	< 0.02	0.76	0.06	< 0.02	1.90	109	27.3	58.0	6.6	23.8	4.1	0.6	3.0	0.4	2.10	0.4	1.0	0.1
513	19.5	20.3	0.3	< 0.01	0.053	0.02	0.02	1.10	0.16	< 0.02	2.90	157	53.8	100.0	12.6	44.4	7.5	1.3	5.4	0.7	3.90	0.7	1.9	0.3
514	3.81	4.5	1.4	< 0.01	0.006	0.02	< 0.02	0.42	< 0.02	0.04	0.70	32.1	15.2	31.1	3.5	12.4	2.1	0.3	1.3	0.2	0.900	0.1	0.4	< 0.1
515	3.34	2.4	1.4	0.08	< 0.002	0.02	< 0.02	0.33	< 0.02	0.04	0.50	26.7	14.1	28.5	3.3	11.6	2.0	0.3	1.4	0.2	0.800	0.1	0.3	< 0.1
516	6.23	5.7	2.6	0.41	0.012	0.09	0.02	0.58	0.06	< 0.02	1.00	33.8	15.4	29.2	3.4	12.4	2.4	0.5	1.9	0.3	1.50	0.3	0.7	0.1
517	6.30	3.4	2.6	1.04	0.069	0.07	0.04	0.66	0.06	0.04	1.20	51.8	14.4	33.4	3.5	13.0	2.5	0.5	1.8	0.2	1.50	0.3	0.7	0.1
518	5.55	4.0	1.8	0.02	< 0.002	0.05	< 0.02	0.49	< 0.02	< 0.02	0.80	51.7	16.8	35.2	4.1	14.9	2.7	0.4	1.8	0.2	1.30	0.2	0.6	0.1
519	4.61	1.7	1.3	< 0.01	< 0.002	< 0.01	< 0.02	0.23	< 0.02	< 0.02	0.40	24.2	12.6	26.1	3.0	11.2	2.1	0.4	1.5	0.2	1.10	0.2	0.5	0.1
520	4.12	6.1	2.1	0.14	0.009	0.08	< 0.02	0.99	0.04	0.02	2.60	96.8	16.0	36.4	3.4	11.9	2.0	0.3	1.4	0.2	0.900	0.2	0.4	0.1
521 = 708	20.9	20.4	0.4	< 0.01	0.114	0.03	0.02	1.21	0.12	0.02	3.20	211	57.7	97.6	13.1	46.2	7.8	1.3	5.5	0.7	4.00	0.7	2.0	0.3
522 = 706 KAMLAKE	9.84	3.8	1.6	0.37	0.026	0.04	< 0.02	0.41	0.03	0.05	1.50	68.3	27.9	116	7.0	25.8	4.8	0.7	3.5	0.4	2.30	0.4	1.0	0.1
523 = 707	6.87	3.6	2.5	0.47	0.165	0.09	< 0.02	0.58	0.07	< 0.02	1.30	79.3	28.9	67.6	7.0	23.8	4.0	0.4	2.6	0.3	1.60	0.3	0.7	0.1
524	13.6	7.1	1.9	< 0.01	0.051	0.07	< 0.02	0.93	0.06	< 0.02	2.60	141	38.3	73.4	9.1	32.1	5.5	1.0	4.1	0.5	2.90	0.5	1.4	0.2
525	9.86	13.0	0.5	< 0.01	0.033	0.05	< 0.02	0.63	0.07	0.06	1.30	80.1	27.7	57.1	6.4	23.9	4.1	0.7	2.9	0.4	2.10	0.4	1.0	0.1
526	9.82	5.1	1.5	< 0.01	0.033	0.05	< 0.02	0.59	0.02	< 0.02	1.20	85.0	28.4	59.7	6.7	24.5	4.3	0.7	3.0	0.4	2.10	0.4	0.9	0.1
527	10.6	10.7	1.0	< 0.01	0.043	0.04	< 0.02	0.69	0.07	< 0.02	1.35	90.1	29.0	59.7	7.1	25.4	4.5	0.8	3.3	0.4	2.30	0.4	1.1	0.2
528	9.14	3.9	1.5	< 0.01	0.032	0.03	< 0.02	0.68	0.02	0.03	1.40	76.7	27.4	53.6	6.5	22.9	4.0	0.6	2.8	0.3	2.00	0.4	0.9	0.1
529	7.98	3.7	1.5	< 0.01	0.019	0.02	< 0.02	0.55	< 0.02	< 0.02	1.10	58.2	24.5	52.5	5.9	21.0	3.7	0.6	2.6	0.3	1.80	0.3	0.8	0.1
530	16.0	6.4	2.1	< 0.01	0.067	0.07	< 0.02	0.77	0.05	0.02	1.90	118	41.4	73.0	9.6	34.4	6.1	1.0	4.3	0.5	3.20	0.6	1.6	0.2
531	11.8	7.9	1.5	< 0.01	0.042	0.10	< 0.02	0.63	0.04	0.03	1.40	82.9	32.4	61.6	7.5	27.5	4.8	0.7	3.3	0.4	2.40	0.4	1.1	0.2
532	10.3	12.6	0.8	< 0.01	0.038	0.04	< 0.02	0.60	0.04	< 0.02	1.30	77.3	27.3	56.9	6.5	23.3	4.3	0.7	3.0	0.4	2.20	0.4	1.1	0.2
533	10.3	10.4	1.0	< 0.01	0.180	0.05	< 0.02	0.64	0.04	< 0.02	1.60	90.9	27.9	58.4	6.8	24.2	4.4	0.7	3.0	0.4	2.30	0.4	1.1	0.2
534	15.9	12.1	2.4	< 0.01	0.061	0.27	< 0.02	0.63	0.06	< 0.02	1.60	106	44.2	83.0	9.4	33.8	5.7	0.9	4.1	0.5	3.00	0.5	1.4	0.2
535	13.8	10.3	2.3	< 0.01	0.059	0.35	< 0.02	0.65	0.05	< 0.02	1.60	110	37.5	66.3	8.5	30.5	5.3	0.9	3.9	0.5	2.70	0.5	1.4	0.2
536	9.80	10.7	1.1	< 0.01	0.026	0.06	< 0.02	0.61	0.04	0.06	1.40	85.3	26.3	53.3	6.4	23.2	4.1	0.6	2.9	0.4	2.10	0.4	1.0	0.1
537 = TEST 437	4.98	4.0	1.8	0.13	0.131	0.11	< 0.02	0.46	< 0.02	0.08	0.80	42.5	14.2	30.9	3.4	12.3	2.2	0.3	1.5	0.2	1.10	0.2	0.5	0.1
538	12.9	6.7	2.1	0.02	0.057	0.47	< 0.02	0.78	0.03	0.03	1.80	120	33.7	59.8	7.9	28.6	5.0	0.8	3.5	0.5	2.60	0.5	1.3	0.2
539	13.8	7.9	2.3	0.13	0.058	0.13	< 0.02	0.83	0.05	0.06	1.80	128	37.7	72.0	8.6	31.0	5.4	0.9	3.9	0.5	2.80	0.5	1.4	0.2
540	13.4	8.3	2.5	0.09	0.061	0.13	< 0.02	0.75	0.06	0.05	1.55	128	36.3	65.1	8.4	30.3	5.3	0.9	3.8	0.4	2.80	0.5	1.3	0.2
541	11.8	14.5	0.6	< 0.01	0.036	0.02	< 0.02	0.82	0.06	0.02	2.00	123	32.0	59.5	7.9	27.7	4.9	0.8	3.4	0.4	2.50	0.4	1.2	0.2
542	4.91	2.6	1.1	< 0.01	< 0.002	0.03	< 0.02	0.22	< 0.02	< 0.02	0.30	26.7	14.3	29.4	3.4	12.6	2.3	0.3	1.6	0.2	1.10	0.2	0.5	0.1
543	21.9	21.8	0.3	< 0.01	0.048	0.02	0.02	1.16	0.13	0.02	3.30	210	55.2	78.2	13.2	47.1	8.2	1.4	5.8	0.8	4.20	0.8	2.1	0.3
544	7.55	2.7	1.4	0.40	0.045	0.09	< 0.02	0.87	0.03	0.04	2.50	126	21.9	46.9	5.2	18.3	3.3	0.5	2.3	0.3	1.60	0.3	0.8	0.1
545	14.1	10.2	1.1	< 0.01	0.042	0.08	0.02	0.98	0.09	< 0.02	2.80	158	38.5	78.9	9.1	32.0	5.7	1.0	4.0	0.5	3.00	0.5	1.4	0.2
546	8.83	6.3	0.6	< 0.01	0.012	0.05	< 0.02	0.53	< 0.02	0.05	0.90	66.0	22.8	45.9	5.3	19.8	3.4	0.6	2.5	0.3	1.80	0.3	0.9	0.1
547	11.5	6.7	1.6	< 0.01	0.019	0.11	< 0.02	0.63	0.03	< 0.02	1.50	93.2	30.0	57.5	7.3	26.6	4.7	0.7	3.3	0.4	2.40	0.4	1.1	0.2
548	3.75	3.2	1.5	< 0.01	< 0.002	0.01	< 0.02	0.44	< 0.02	< 0.02	0.90	40.5	14.1	29.0	3.3	11.3	2.0	0.3	1.3	0.2	0.900	0.1	0.4	< 0.1
549	3.71	1.8	1.2	< 0.01	< 0.002	0.01	< 0.02	0.38	< 0.02	0.03	0.80	28.8	14.9	30.6	3.4	11.9	2.0	0.3	1.3	0.2	0.800	0.1	0.4	< 0.1
550	10.1	3.4	1.7	< 0.01	0.028	0.04	< 0.02	0.65	0.03	0.02	1.80	86.3	30.8	57.3	7.1	25.4	4.5	0.7	3.0	0.4	2.20	0.4	1.0	0.1
551	9.71	6.8	1.4	< 0.01	0.009	0.02	< 0.02	0.62	0.02	0.06	1.40	71.4	28.4	51.3	6.6	23.6	4.0	0.6	2.8	0.4	2.00	0.4	1.0	0.1
552	12.3	6.6	1.4	< 0.01	0.033	0.04	< 0.02	0.70	0.04	0.02	1.60	101	32.4	59.8	7.7	27.3	4.9	0.8	3.5	0.4	2.60	0.5	1.3	0.2

by aqua regia - ICP/MS

Activation Laboratories Ltd. **Report: A08-8224**

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
553	9.82	7.1	2.0	< 0.01	0.029	0.06	< 0.02	0.58	< 0.02	0.04	1.40	83.7	28.2	60.4	6.7	23.6	4.2	0.7	2.9	0.4	2.10	0.4	1.0	0.1
554 = TEST 424	5.68	5.4	3.2	0.74	0.163	0.32	0.02	0.50	< 0.02	0.03	0.65	60.5	12.5	40.4	3.0	10.8	2.2	0.5	1.6	0.2	1.40	0.2	0.6	0.1
555	12.8	11.7	2.4	< 0.01	0.044	0.22	< 0.02	0.66	0.06	0.08	1.50	97.1	32.6	63.6	7.5	26.6	4.7	0.8	3.3	0.4	2.50	0.4	1.2	0.2
556	5.15	1.9	1.5	< 0.01	0.013	< 0.01	< 0.02	0.27	< 0.02	< 0.02	0.50	25.6	20.7	42.1	4.9	17.8	3.1	0.3	2.1	0.2	1.30	0.2	0.5	0.1
557	17.2	15.8	0.4	< 0.01	0.033	0.01	< 0.02	0.88	0.07	0.03	2.70	173	44.2	66.6	10.1	36.3	6.3	1.0	4.5	0.6	3.30	0.6	1.6	0.2
558	6.76	1.9	1.3	< 0.01	0.007	0.01	< 0.02	0.32	< 0.02	0.04	0.60	32.8	27.7	55.7	6.7	23.2	4.0	0.5	2.7	0.3	1.60	0.3	0.7	0.1
559	5.97	2.0	1.2	< 0.01	< 0.002	< 0.01	< 0.02	0.28	< 0.02	0.04	0.50	28.6	25.2	50.9	6.1	21.5	3.7	0.4	2.4	0.3	1.40	0.2	0.6	0.1
560	5.75	2.0	1.2	< 0.01	0.002	0.02	< 0.02	0.30	< 0.02	0.04	0.60	32.0	22.3	44.9	5.2	18.4	3.2	0.4	2.1	0.2	1.30	0.2	0.5	0.1
561	15.2	10.4	0.4	< 0.01	0.018	0.01	< 0.02	0.71	0.05	0.03	2.10	124	39.8	63.7	9.2	33.1	5.9	1.0	4.1	0.5	3.10	0.6	1.5	0.2
562	4.32	2.6	1.4	< 0.01	< 0.002	0.01	< 0.02	0.36	< 0.02	0.03	0.60	27.9	16.8	34.4	4.0	14.1	2.4	0.3	1.6	0.2	1.00	0.2	0.4	0.1
563	13.4	12.4	0.4	< 0.01	0.018	0.02	< 0.02	0.63	0.02	0.09	1.70	99.8	34.7	61.2	8.3	30.6	5.4	0.8	3.8	0.5	2.70	0.5	1.3	0.2
564	9.93	4.1	1.9	< 0.01	0.049	0.22	< 0.02	0.61	0.02	0.02	1.60	90.8	26.3	56.5	6.3	22.9	4.1	0.6	2.9	0.4	2.10	0.4	1.0	0.1
565	7.98	2.0	1.3	0.04	0.026	0.10	< 0.02	0.54	0.11	0.09	1.10	62.3	22.6	47.7	5.4	19.7	3.5	0.5	2.4	0.3	1.80	0.3	0.9	0.1
566	10.1	5.2	1.9	< 0.01	0.050	0.13	< 0.02	0.69	0.09	0.07	1.90	104	29.6	58.1	6.9	24.3	4.3	0.7	3.0	0.4	2.10	0.4	1.0	0.1
567	9.27	11.9	0.9	0.09	0.103	0.03	< 0.02	0.78	0.11	0.08	1.90	112	26.6	66.6	6.4	23.0	4.1	0.7	2.8	0.4	2.00	0.4	1.0	0.2
568	6.37	6.1	2.0	0.35	0.010	0.07	< 0.02	0.53	0.07	0.08	1.40	67.7	18.7	36.0	4.1	14.8	2.7	0.4	2.0	0.3	1.40	0.3	0.7	0.1
569	11.7	7.5	1.7	0.01	0.032	0.09	< 0.02	0.73	0.06	0.08	1.70	127	29.7	58.6	7.1	26.0	4.4	0.8	3.3	0.4	2.40	0.4	1.2	0.2
570	11.9	9.4	0.8	< 0.01	0.029	0.04	< 0.02	0.64	0.06	0.05	1.50	90.8	32.7	59.4	7.7	27.5	4.8	0.8	3.4	0.4	2.40	0.4	1.2	0.2
571	14.6	17.7	0.5	< 0.01	0.049	0.03	0.02	1.05	0.14	0.06	3.00	169	40.0	81.4	9.2	32.5	5.7	1.0	4.0	0.5	2.90	0.5	1.4	0.2
572	12.9	14.3	0.8	0.01	0.088	0.03	0.02	1.03	0.13	0.14	2.80	164	36.3	69.4	8.3	29.3	5.0	0.8	3.6	0.5	2.60	0.5	1.3	0.2
573	17.2	17.6	0.7	0.01	0.084	0.06	0.02	1.12	0.15	0.07	3.40	201	48.5	85.6	11.1	39.1	6.5	1.1	4.7	0.6	3.50	0.6	1.8	0.2
574	12.0	2.8	1.0	< 0.01	0.054	0.03	< 0.02	0.33	< 0.02	0.12	0.50	35.6	26.0	44.5	6.1	23.2	4.2	0.8	3.2	0.4	2.30	0.4	1.1	0.2
575	15.4	18.7	0.2	0.02	0.050	0.04	0.02	0.98	0.16	0.10	3.00	174	43.9	79.9	10.3	36.4	6.4	1.0	4.6	0.6	3.20	0.6	1.6	0.2
576	17.8	21.9	0.4	0.01	0.058	0.04	0.03	1.28	0.14	0.08	3.70	244	48.6	90.9	11.1	40.0	6.8	1.2	4.9	0.6	3.60	0.6	1.8	0.2
577 = TEST 477	6.11	3.9	2.3	0.40	0.041	0.30	< 0.02	0.50	0.05	0.09	1.00	47.4	17.8	37.9	4.2	15.2	2.8	0.4	2.0	0.3	1.45	0.3	0.6	0.1
578	14.3	13.8	0.2	0.02	0.042	0.09	< 0.02	0.82	0.14	0.07	2.50	148	40.8	77.2	9.1	33.0	5.7	0.9	4.0	0.5	2.80	0.5	1.4	0.2
579	9.48	4.6	1.0	< 0.01	0.025	0.04	< 0.02	0.56	0.03	0.08	1.50	85.5	27.9	58.3	6.6	23.5	4.1	0.6	3.0	0.4	2.00	0.4	1.0	0.1
580	13.5	15.1	0.2	< 0.01	0.034	0.03	< 0.02	0.74	0.11	0.04	2.20	124	37.7	67.0	8.7	30.8	5.3	0.8	3.8	0.5	2.60	0.5	1.3	0.2
581	13.2	10.3	0.3	< 0.01	0.035	0.03	< 0.02	0.72	0.07	0.12	2.20	130	35.2	62.2	8.2	29.0	5.2	0.8	3.6	0.5	2.60	0.5	1.3	0.2
582	13.2	12.0	0.3	< 0.01	0.037	0.05	< 0.02	0.74	0.10	0.15	2.30	132	38.2	66.1	8.8	31.5	5.4	0.9	3.9	0.5	2.70	0.5	1.3	0.2
583	16.2	19.6	0.3	< 0.01	0.055	0.05	0.02	0.99	0.14	0.13	3.10	172	45.2	79.6	10.3	36.3	6.2	1.0	4.4	0.6	3.20	0.6	1.6	0.2
584	4.73	2.6	1.3	< 0.01	< 0.002	0.02	< 0.02	0.36	< 0.02	0.07	0.70	33.2	18.0	36.4	4.1	14.7	2.6	0.3	1.8	0.2	1.10	0.2	0.5	0.1
585	9.68	7.8	2.2	< 0.01	0.030	0.16	< 0.02	0.56	0.04	0.04	1.60	91.6	26.2	51.8	6.1	22.4	3.8	0.6	2.8	0.4	2.00	0.4	0.9	0.1
586	14.2	7.1	2.2	< 0.01	0.078	0.09	< 0.02	0.63	0.07	0.02	1.50	105	36.3	66.9	8.2	29.1	5.1	0.8	3.6	0.5	2.60	0.5	1.3	0.2
587	14.3	9.3	2.2	< 0.01	0.048	0.44	< 0.02	0.64	0.08	0.05	1.50	96.8	35.8	66.2	7.9	29.1	5.1	0.8	3.7	0.5	2.70	0.5	1.3	0.2
588	11.4	9.8	0.9	< 0.01	0.016	0.04	< 0.02	0.76	0.06	0.06	2.00	108	31.6	66.5	7.6	27.1	4.7	0.7	3.3	0.4	2.30	0.4	1.1	0.2
589	10.4	6.3	1.3	< 0.01	0.030	0.06	< 0.02	0.57	0.04	0.06	1.50	80.9	30.2	57.1	7.2	25.3	4.3	0.7	3.1	0.4	2.10	0.4	1.0	0.1
590	11.5	6.5	1.2	< 0.01	0.031	0.17	< 0.02	0.65	0.05	0.10	1.90	111	31.6	57.8	7.4	26.0	4.6	0.8	3.4	0.4	2.40	0.4	1.1	0.1
591	3.59	3.3	1.3	< 0.01	< 0.002	0.01	< 0.02	0.34	< 0.02	0.05	0.50	23.8	12.5	26.0	3.0	10.5	1.8	0.3	1.2	0.2	0.750	0.1	0.4	< 0.1
592	7.73	1.1	0.9	< 0.01	0.032	0.07	< 0.02	0.28	< 0.02	0.06	0.40	26.1	24.4	49.7	6.0	21.4	3.7	0.5	2.6	0.3	1.60	0.3	0.7	0.1
593	3.30	2.7	1.6	0.11	0.003	0.05	< 0.02	0.57	< 0.02	0.06	0.40	22.4	19.0	38.2	4.4	15.3	2.6	0.2	1.6	0.2	0.800	0.1	0.3	< 0.1
594	8.64	10.2	1.8	0.59	0.054	0.06	0.02	1.10	0.08	0.06	3.70	149	30.2	59.5	6.9	24.1	4.2	0.6	2.8	0.3	1.80	0.3	0.8	0.1
595	5.01	3.0	1.5	< 0.01	0.012	0.05	< 0.02	0.45	< 0.02	0.08	0.70	41.4	21.5	43.6	5.0	17.6	3.0	0.3	1.9	0.2	1.10	0.2	0.5	0.1
596	4.67	1.1	1.2	0.01	0.031	0.08	< 0.02	0.48	< 0.02	0.10	1.20	67.7	15.6	33.1	3.6	13.2	2.3	0.3	1.6	0.2	1.00	0.2	0.5	0.1
597	6.80	2.8	1.2	< 0.01	0.004	0.04	< 0.02	0.31	< 0.02	0.08	0.50	28.8	19.1	37.7	4.7	17.0	3.0	0.4	2.1	0.3	1.40	0.2	0.7	0.1
598 = TEST 447	9.89	5.1	0.3	< 0.01	0.023	0.65	< 0.02	0.40	< 0.02	0.07	0.70	54.5	25.0	45.0	5.9	21.7	3.8	0.6	2.8	0.4	1.90	0.3	0.9	0.1
599 = TEST 409	16.4	15.9	0.3	< 0.01	0.070	2.62	< 0.02	0.91	0.06	0.09	2.10	132	41.2	65.8	9.7	35.0	6.1	1.1	4.4	0.6	3.20	0.6	1.5	0.2

by aqua regia - ICP/MS

Report: A08-8224

Activation Laboratories Ltd.

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
501	0.5	0.1	< 0.1	< 0.05	< 0.1	0.003	< 0.5	0.05	2.85	2.0	0.6
502	0.4	< 0.1	0.1	< 0.05	< 0.1	0.004	24.2	0.11	4.59	3.2	0.6
503	0.4	< 0.1	0.1	< 0.05	< 0.1	0.004	31.7	0.08	5.89	3.5	0.6
504	0.5	0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	0.09	4.83	3.8	0.8
505	1.1	0.1	0.2	< 0.05	< 0.1	0.004	< 0.5	0.33	12.6	9.3	1.1
506	0.7	0.1	< 0.1	< 0.05	< 0.1	0.007	< 0.5	0.08	4.17	4.8	0.8
507	0.3	< 0.1	0.1	< 0.05	< 0.1	0.003	6.0	0.07	6.65	5.2	0.6
508	0.5	0.1	0.2	< 0.05	< 0.1	0.002	< 0.5	0.08	3.06	2.3	0.6
509	0.9	0.1	0.1	< 0.05	< 0.1	0.001	< 0.5	0.19	9.05	7.0	0.9
510	0.8	0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.09	4.84	5.1	0.8
511	0.5	0.1	< 0.1	< 0.05	< 0.1	0.003	< 0.5	0.06	11.7	3.8	0.6
512	0.7	0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.19	9.28	7.9	0.9
513	1.5	0.2	0.3	< 0.05	< 0.1	0.002	< 0.5	0.32	15.0	12.6	1.0
514	0.3	< 0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.07	4.56	3.9	0.5
515	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.003	1.9	0.05	5.47	4.0	0.5
516	0.5	0.1	0.1	< 0.05	< 0.1	0.001	14.8	0.08	7.69	4.0	0.7
517	0.6	0.1	0.1	< 0.05	< 0.1	0.001	7.3	0.09	8.89	4.1	0.8
518	0.4	< 0.1	0.1	< 0.05	< 0.1	0.004	< 0.5	0.07	5.26	3.8	0.8
519	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.05	2.74	3.0	0.4
520	0.3	< 0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.21	12.3	4.1	0.6
521 = 708 } KAMLAKE	1.5	0.1	0.2	< 0.05	< 0.1	< 0.001	< 0.5	0.35	14.1	12.8	1.1
522 = 706 } KAMLAKE	0.7	0.1	< 0.1	< 0.05	< 0.1	0.003	1.2	0.15	12.8	9.3	1.2
523 = 707 } KAMLAKE	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.11	12.3	11.6	1.2
524	1.0	0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.24	11.6	8.9	1.3
525	0.8	0.1	0.3	< 0.05	< 0.1	0.004	< 0.5	0.14	8.10	5.2	0.8
526	0.7	0.1	0.1	< 0.05	< 0.1	0.001	< 0.5	0.12	7.37	6.0	0.6
527	0.8	0.1	0.2	< 0.05	< 0.1	0.002	< 0.5	0.16	9.04	6.7	1.1
528	0.7	0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	0.14	7.89	6.4	0.9
529	0.6	0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.11	7.13	5.6	1.0
530	1.2	0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.20	10.6	8.6	5.3
531	0.9	0.1	0.1	< 0.05	< 0.1	0.004	< 0.5	0.15	8.10	6.8	0.9
532	0.8	0.1	0.2	< 0.05	< 0.1	0.002	< 0.5	0.15	7.99	5.7	0.8
533	0.8	0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.26	9.94	6.2	5.5
534	1.1	0.1	0.2	< 0.05	< 0.1	0.001	< 0.5	0.17	9.80	8.6	4.9
535	1.0	0.1	0.2	< 0.05	< 0.1	0.003	< 0.5	0.18	10.1	7.9	3.6
536	0.8	0.1	0.2	< 0.05	< 0.1	0.006	< 0.5	0.17	9.55	6.3	1.1
537 = TEST 437	0.4	< 0.1	0.1	< 0.05	< 0.1	0.004	< 0.5	0.06	12.6	4.4	0.6
538	1.0	0.1	0.1	< 0.05	< 0.1	0.005	< 0.5	0.20	10.1	8.3	1.7
539	1.0	0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.19	11.2	9.1	1.7
540	1.0	0.1	0.1	< 0.05	< 0.1	0.004	< 0.5	0.18	10.2	7.8	5.8
541	0.9	0.1	0.2	< 0.05	< 0.1	0.004	< 0.5	0.22	8.92	8.6	0.9
542	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.003	< 0.5	0.04	2.27	4.1	0.5
543	1.6	0.2	0.3	< 0.05	< 0.1	0.004	< 0.5	0.39	13.3	12.8	1.3
544	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.20	11.9	6.0	1.1
545	1.1	0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.23	14.6	11.0	1.4
546	0.7	0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.11	5.62	4.4	0.6
547	0.9	0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.17	8.14	7.4	1.0
548	0.2	< 0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.06	5.20	4.5	0.7
549	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 0.5	0.07	4.84	3.0	0.5
550	0.7	0.1	< 0.1	< 0.05	< 0.1	0.003	< 0.5	0.15	8.73	6.1	1.1
551	0.7	0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.14	8.21	6.1	0.7
552	0.9	0.1	0.1	< 0.05	< 0.1	0.002	< 0.5	0.17	8.72	7.2	0.9

by aqua regia - ICP/MS

Report: A08-8224
Activation Laboratories Ltd.

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
553	0.7	0.1	0.1	< 0.05	< 0.1	0.004	< 0.5	0.14	7.99	7.2	1.6
554 = TEST 424	0.4	< 0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.08	10.8	3.3	0.9
555	0.9	0.1	0.2	< 0.05	< 0.1	0.005	< 0.5	0.17	8.30	6.4	2.8
556	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.8	0.04	3.94	5.8	0.9
557	1.2	0.1	0.2	< 0.05	< 0.1	0.003	< 0.5	0.27	9.58	9.5	1.0
558	0.4	0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	0.05	4.75	8.2	1.0
559	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.003	< 0.5	0.05	4.18	7.1	1.0
560	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.003	< 0.5	0.06	4.20	7.2	0.8
561	1.2	0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.23	8.26	8.3	0.9
562	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 0.5	0.06	4.81	5.3	0.6
563	1.0	0.1	0.2	< 0.05	< 0.1	0.005	< 0.5	0.17	7.57	7.7	0.9
564	0.8	0.1	< 0.1	< 0.05	< 0.1	0.006	< 0.5	0.16	8.39	6.5	1.9
565	0.6	0.1	< 0.1	< 0.05	< 0.1	0.008	15.9	0.13	6.85	3.3	1.0
566	0.7	0.1	0.1	< 0.05	< 0.1	0.004	29.8	0.18	10.1	6.3	1.3
567	0.7	0.1	0.2	< 0.05	< 0.1	0.008	1.5	0.22	10.3	6.9	0.8
568	0.5	< 0.1	0.1	< 0.05	< 0.1	0.005	3.8	0.14	7.08	6.6	0.9
569	0.8	0.1	0.1	< 0.05	< 0.1	0.003	< 0.5	0.20	9.71	7.5	2.1
570	0.9	0.1	0.1	< 0.05	< 0.1	0.005	< 0.5	0.17	7.35	6.9	0.9
571	1.1	0.1	0.2	< 0.05	< 0.1	0.006	< 0.5	0.31	14.7	11.2	1.3
572	1.0	0.1	0.2	< 0.05	< 0.1	0.008	< 0.5	0.27	12.6	10.2	1.0
573	1.3	0.1	0.2	< 0.05	< 0.1	0.004	< 0.5	0.36	16.1	13.8	1.3
574	1.0	0.1	< 0.1	< 0.05	< 0.1	0.007	< 0.5	0.07	3.54	4.1	0.6
575	1.2	0.1	0.2	< 0.05	< 0.1	0.005	< 0.5	0.33	15.1	11.5	1.2
576	1.4	0.1	0.3	< 0.05	< 0.1	0.004	< 0.5	0.40	17.5	15.1	1.1
577 = TEST 477	0.5	< 0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.08	6.30	6.3	0.9
578	1.1	0.1	0.1	< 0.05	< 0.1	0.007	< 0.5	0.26	12.6	8.4	1.1
579	0.7	0.1	< 0.1	< 0.05	< 0.1	0.007	< 0.5	0.15	8.75	5.8	1.0
580	1.0	0.1	0.2	< 0.05	< 0.1	0.005	17.2	0.23	10.7	7.8	1.0
581	1.0	0.1	0.1	< 0.05	< 0.1	0.005	< 0.5	0.24	9.75	8.3	0.9
582	1.0	0.1	0.1	< 0.05	< 0.1	0.008	< 0.5	0.25	9.90	9.4	1.0
583	1.2	0.1	0.2	< 0.05	< 0.1	0.005	< 0.5	0.32	14.3	12.1	1.2
584	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.009	< 0.5	0.07	4.97	5.1	0.6
585	0.7	0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.16	8.05	7.0	3.8
586	1.0	0.1	0.1	< 0.05	< 0.1	0.004	< 0.5	0.16	9.56	7.0	3.2
587	1.1	0.1	0.1	< 0.05	< 0.1	0.008	< 0.5	0.18	8.99	7.2	5.8
588	0.9	0.1	0.1	< 0.05	< 0.1	0.008	< 0.5	0.21	9.19	8.6	0.9
589	0.8	0.1	0.1	< 0.05	< 0.1	0.009	< 0.5	0.15	7.55	7.1	1.0
590	0.9	0.1	0.1	< 0.05	< 0.1	0.008	< 0.5	0.19	9.52	8.2	1.1
591	0.3	< 0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.05	4.43	3.8	0.5
592	0.5	0.1	< 0.1	< 0.05	< 0.1	0.005	< 0.5	0.07	3.36	5.2	0.9
593	0.2	< 0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.07	7.54	6.0	0.7
594	0.6	< 0.1	0.1	< 0.05	< 0.1	0.008	< 0.5	0.30	15.3	10.9	1.3
595	0.3	< 0.1	0.1	< 0.05	< 0.1	0.006	0.6	0.06	5.92	6.7	0.8
596	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.005	< 0.5	0.10	8.29	3.5	0.7
597	0.5	0.1	< 0.1	< 0.05	< 0.1	0.007	< 0.5	0.05	3.72	3.5	0.7
598 = TEST 447	0.8	0.1	0.1	< 0.05	< 0.1	0.007	< 0.5	0.09	34.4	3.3	0.6
599 = TEST 409	1.3	0.2	0.2	< 0.05	< 0.1	0.005	< 0.5	0.26	10.4	9.5	0.9

by aqua regia - ICP/MS

Activation Laboratories Ltd. **Report: A08-8224**

Quality Control

Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	0.5	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.5
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	5.5	1.0	12	0.053	0.15	0.39	0.03	1340	0.86	1.3	75	6.8	878	23.6	8.1	42.0	1180	719	4.84		384	16.4	2.7	170
GXR-1 Cert	8.20	1.22	15.0	0.0520	0.217	3.52	0.0500	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.6		427	16.6	14.0	275
GXR-4 Meas	10.0	1.5	4	0.143	1.59	2.77	1.64	11.4	0.86	7.4	78	54.2	145	2.86	14.4	41.4	6310	67.9	11.4		93.9	6.0	106	70.7
GXR-4 Cert	11.1	1.90	4.50	0.564	1.86	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	5.60	160	221
GXR-2 Meas	46.8	1.2	21	0.158	0.48	3.32	0.64	< 0.02	0.72	5.0	45	23.9	974	1.71	8.9	18.4	87.5	545	10.8		10.4	0.6	58.6	85.2
GXR-2 Cert	54.0	1.70	42.0	0.556	0.850	16.5	1.37	0.690	0.930	6.88	52.0	36.0	1010	1.86	8.60	21.0	76.0	530	37.0		25.0	0.610	78.0	160
GXR-6 Meas	24.3	1.0	5	0.068	0.39	7.24	1.13	< 0.02	0.15	23.4	165	75.2	989	5.23	13.6	23.0	71.9	118	14.2		214	0.4	71.4	29.8
GXR-6 Cert	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	0.940	90.0	35.0
513 Orig	37.2	1.3	20	0.052	1.08	3.43	0.43	< 0.02	0.85	11.2	73	83.6	722	4.15	19.2	48.9	40.5	74.7	11.8	0.1	1.3	0.7	49.7	33.9
513 Dup	40.8	1.3	19	0.051	1.21	3.48	0.43	< 0.02	0.81	10.7	74	79.4	767	4.17	17.7	48.6	40.9	68.5	11.4	0.1	1.9	0.6	49.1	33.8
527 Orig	22.9	0.6	10	0.037	0.85	1.78	0.20	< 0.02	1.02	5.8	47	46.5	206	2.01	10.5	26.2	12.0	48.4	6.17	0.1	< 0.1	0.2	19.4	29.5
527 Dup	26.6	0.7	10	0.038	0.98	1.93	0.20	< 0.02	1.02	6.3	48	46.9	234	2.08	10.4	28.5	12.5	45.9	7.03	0.1	< 0.1	0.3	21.0	31.0
540 Orig	41.5	0.9	11	0.034	0.77	2.53	0.24	< 0.02	0.98	6.6	63	52.4	231	2.74	9.5	30.2	30.9	49.7	8.39	0.1	1.1	1.4	26.4	31.5
540 Dup	36.3	0.9	12	0.033	0.69	2.15	0.20	< 0.02	0.89	6.3	52	48.9	198	2.24	8.5	27.7	25.9	45.1	7.91	0.1	0.3	1.0	22.7	27.0
554 Orig	21.1	1.5	5	0.035	0.30	5.84	0.06	< 0.02	0.38	4.4	70	59.5	104	5.11	9.1	23.1	13.0	27.0	14.1	0.1	3.1	1.3	7.4	23.7
554 Dup	18.7	1.3	7	0.031	0.27	5.22	0.05	< 0.02	0.33	3.8	64	52.7	92	4.65	7.9	19.4	11.4	24.6	12.7	0.1	2.8	1.1	6.5	21.5
577 Orig	21.8	0.6	5	0.023	0.34	1.96	0.07	< 0.02	0.26	3.4	57	57.6	160	3.68	9.5	28.7	17.0	41.0	9.69	0.1	1.4	1.2	11.4	14.7
577 Dup	20.6	0.7	5	0.023	0.31	1.85	0.07	< 0.02	0.26	3.3	60	58.0	148	3.67	9.4	29.0	17.1	42.9	9.19	0.1	1.3	1.0	10.7	14.4
591 Orig	8.8	0.4	3	0.020	0.20	0.79	0.03	< 0.02	0.21	1.9	22	16.4	72	0.77	3.3	10.6	6.56	12.4	3.34	< 0.1	< 0.1	0.3	4.2	11.9
591 Dup	9.0	0.4	3	0.025	0.20	0.86	0.03	< 0.02	0.24	2.2	23	19.8	76	0.83	3.9	12.0	6.16	14.9	3.70	< 0.1	< 0.1	0.3	4.1	13.1
Method Blank Method Blank	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5

by aqua regia - ICP/MS

Activation Laboratories Ltd. **Report: A08-8224**

Quality Control

Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.1	0.1	0.01	0.002	0.01	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.001	0.1	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	27.6	8.2	< 0.1	16.1	30.8	2.56	0.82	22.5	88.1	12.9	2.70	170	5.6	12.6		6.87	2.5	0.5	3.5	0.7	4.60			0.4
GXR-1 Cert	32.0	38.0	0.800	18.0	31.0	3.30	0.770	54.0	122	13.0	3.00	750	7.50	17.0		18.0	2.70	0.690	4.20	0.830	4.30			0.430
GXR-4 Meas	11.9	5.7	0.1	292	3.40	0.13	0.19	4.70	3.72	0.80	2.40	43.5	49.8	93.6		37.6	6.0	1.2	4.1	0.5	2.60			0.1
GXR-4 Cert	14.0	186	10.0	310	4.00	0.860	0.270	5.60	4.80	0.970	2.80	1640	64.5	102		45.0	6.60	1.63	5.25	0.360	2.60			0.210
GXR-2 Meas	11.4	7.5	1.4	0.59	17.4	3.82	0.03	0.68	31.0	0.29	4.20	1100	22.6	47.3		18.7	3.5	0.5	2.6	0.4	2.10			0.1
GXR-2 Cert	17.0	269	11.0	2.10	17.0	4.10	0.252	1.70	49.0	0.690	5.20	2240	25.6	51.4		19.0	3.50	0.810	3.30	0.480	3.30			0.300
GXR-6 Meas	6.72	8.7	< 0.1	1.20	0.275	0.09	0.04	0.85	2.02	0.05	3.40	876	11.8	34.5		11.7	2.4	0.5	1.9	0.3	1.60			0.1
GXR-6 Cert	14.0	110	7.50	2.40	1.30	1.00	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0		13.0	2.67	0.760	2.97	0.415	2.80			0.0320
513 Orig	20.0	20.3	0.3	< 0.01	0.055	0.03	0.02	1.10	0.15	0.04	2.90	159	55.5	102	12.6	45.5	7.8	1.3	5.4	0.7	4.00	0.7	1.9	0.3
513 Dup	19.1	20.2	0.3	< 0.01	0.050	0.01	0.02	1.09	0.16	< 0.02	2.90	155	52.0	98.1	12.5	43.3	7.2	1.3	5.4	0.7	3.80	0.7	1.9	0.3
527 Orig	10.4	9.8	0.9	< 0.01	0.053	0.03	< 0.02	0.64	0.09	< 0.02	1.30	89.7	28.6	58.6	7.0	25.4	4.5	0.7	3.2	0.4	2.30	0.4	1.1	0.2
527 Dup	10.8	11.6	1.2	< 0.01	0.034	0.04	< 0.02	0.73	0.05	< 0.02	1.40	90.5	29.5	60.8	7.2	25.5	4.5	0.8	3.3	0.4	2.30	0.4	1.1	0.1
540 Orig	14.3	8.7	2.7	0.12	0.069	0.14	< 0.02	0.85	0.08	0.07	1.60	135	38.0	68.0	8.9	31.9	5.5	0.9	3.9	0.5	2.90	0.5	1.4	0.2
540 Dup	12.5	7.9	2.2	0.05	0.053	0.12	< 0.02	0.66	0.05	0.03	1.50	120	34.7	62.2	7.9	28.6	5.1	0.8	3.6	0.4	2.70	0.5	1.3	0.2
554 Orig	5.91	5.9	3.3	0.75	0.170	0.33	0.02	0.52	< 0.02	0.03	0.70	62.2	13.6	43.3	3.2	11.6	2.3	0.5	1.8	0.2	1.50	0.2	0.7	0.1
554 Dup	5.44	5.0	3.1	0.73	0.156	0.31	0.02	0.49	0.02	0.03	0.60	58.8	11.4	37.5	2.7	10.0	2.0	0.5	1.5	0.2	1.30	0.2	0.6	0.1
577 Orig	6.05	4.2	2.3	0.39	0.044	0.30	< 0.02	0.51	0.05	0.06	1.00	46.8	17.5	37.9	4.2	14.9	2.8	0.4	2.0	0.2	1.40	0.2	0.6	0.1
577 Dup	6.16	3.7	2.3	0.42	0.037	0.30	< 0.02	0.50	0.05	0.11	1.00	48.0	18.1	38.0	4.2	15.6	2.9	0.4	2.0	0.3	1.50	0.3	0.6	0.1
591 Orig	3.47	3.2	1.2	< 0.01	< 0.002	0.02	< 0.02	0.31	< 0.02	0.07	0.50	22.6	12.3	26.0	2.9	10.4	1.8	0.3	1.2	0.1	0.700	0.1	0.3	< 0.1
591 Dup	3.71	3.5	1.4	< 0.01	< 0.002	0.01	< 0.02	0.36	< 0.02	0.03	0.50	25.0	12.6	26.1	3.0	10.5	1.9	0.3	1.2	0.2	0.800	0.1	0.4	0.1
Method Blank Method Blank	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.1

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by aqua regia - ICP/MS

Activation Laboratories Ltd.

Quality Control

Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	2.1	0.2	0.1	< 0.05	134		3540	0.39	722	3.9	39.0
GXR-1 Cert	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9
GXR-4 Meas	0.8	0.1	0.1	< 0.05	11.2		474	2.84	46.7	15.7	5.5
GXR-4 Cert	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20
GXR-2 Meas	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1		52.8	0.62	640	4.3	1.7
GXR-2 Cert	2.04	0.270	8.30	0.900	1.90		36.0	1.03	690	8.80	2.90
GXR-6 Meas	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1		88.3	1.89	99.5	2.9	0.9
GXR-6 Cert	2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54
513 Orig	1.5	0.2	0.2	< 0.05	< 0.1	0.002	< 0.5	0.31	15.1	12.6	1.1
513 Dup	1.4	0.2	0.3	< 0.05	< 0.1	0.003	< 0.5	0.33	14.9	12.5	1.0
527 Orig	0.8	0.1	0.2	< 0.05	< 0.1	0.002	< 0.5	0.16	9.46	6.7	1.1
527 Dup	0.8	0.1	0.2	< 0.05	< 0.1	0.001	< 0.5	0.15	8.62	6.7	1.1
540 Orig	1.0	0.1	0.1	< 0.05	< 0.1	0.004	< 0.5	0.18	10.5	8.0	6.0
540 Dup	1.0	0.1	0.1	< 0.05	< 0.1	0.004	1.9	0.17	10.0	7.5	5.7
554 Orig	0.4	< 0.1	0.1	< 0.05	< 0.1	0.004	3.7	0.08	11.2	4.1	1.0
554 Dup	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 0.5	0.07	10.3	2.5	0.8
577 Orig	0.5	< 0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.08	6.16	6.8	0.8
577 Dup	0.5	0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.08	6.44	5.7	0.9
591 Orig	0.3	< 0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.04	3.40	3.8	0.5
591 Dup	0.3	< 0.1	0.1	< 0.05	< 0.1	0.006	< 0.5	0.05	5.45	3.7	0.5
Method Blank Method Blank	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1