Certificate of Analysis

Work Order: 096158

To: Sedex Mining Corp.
c/o Golden Chalice Resources
P.O. Box 1124
TIMMINS
ON P4N 7J3

Date: Nov 23, 2007

P.O. No.	:	Project: Penh
Project No.	:	DEFAULT
No. Of Samples		68
Date Submitted		Oct 09, 2007
Report Comprises		Pages 1 to 11
		(Inclusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days: 68 Soils

Certified By : _____

Russ Calow, B.Sc., C.Chem.
Vice President Global Geochemistry

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
Area 37 L200E-100N	8	10	<10	0.3	510	<1	510	11	150	99
Area 37 L200E-75N	6	300	10	0.1	510	<1	40	53	163	125
Area 37 L200E-50N	10	277	20	<0.1	920	1	20	13	45	83
Area 37 L200E-25N	5	>300	60	<0.1	1050	<1	20	15	132	116
Area 37 L200E-0N	4	300	10	<0.1	1380	<1	30	16	38	50
Area 37 L200E- 25S	4	296	60	0.2	1970	2	90	7	282	43
Area 37 L200E- 50S	3	298	20	<0.1	970	<1	60	8	295	17
Area 37 L200E- 75S	2	261	10	<0.1	990	<1	70	9	238	13
Area 37 L200E-100S	1	281	40	0.2	1250	<1	30	2	389	13
Area 37 L100E-150S	17	26	<10	0.1	1140	<1	530	30	123	47
Area 37 L100E-125S	6	264	<10	<0.1	2700	<1	90	14	79	51
Area 37 L100E-100S	1	290	20	<0.1	1330	2	60	26	39	80
Area 37 L100E-75S	20	17	<10	0.9	2420	<1	630	6	12	7
Area 37 L100E-50S	11	34	<10	0.4	1720	<1	640	8	44	11
Area 37 L100E-25S	6	62	<10	0.3	1250	<1	470	11	194	16
Area 37 L100E-0N	5	100	<10	<0.1	980	<1	390	38	321	25
Area 37 L100E- 25N	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
Area 37 L100E- 50N	2	135	10	0.1	890	<1	100	3	1060	101
Area 37 L100E- 75N	14	70	<10	0.3	1240	<1	450	16	371	19
Area 37 L100E-100N	9	283	<10	<0.1	1240	<1	70	21	163	36
Area 37 L100E-125N	7	243	20	<0.1	1080	1	100	26	96	196
Area 37 L100E-150N	11	>300	20	<0.1	1060	<1	60	23	58	97
Area 37 L0-150N	4	79	10	<0.1	1620	<1	150	29	41	20
Area 37 L0-125N	6	140	20	<0.1	1250	1	170	15	54	83
Area 37 L0-100N	6	>300	<10	<0.1	780	<1	30	14	69	106
Area 37 L0-75N	3	204	10	0.1	1520	<1	190	8	1230	55
Area 37 L0-50N	5	291	40	0.1	980	1	70	6	371	58
Area 37 L0-25N	5	103	<10	<0.1	1280	<1	330	31	615	22
Area 37 L0-0N	6	93	<10	<0.1	1690	<1	470	25	153	22
Area 37 L0- 25S	2	116	10	<0.1	1060	<1	280	18	661	194
Area 37 L0- 50S	13	18	<10	0.2	1450	<1	530	6	108	11
Area 37 L0- 75S	7	49	<10	0.5	1400	<1	520	11	179	8
Area 37 L0-100S	2	34	<10	<0.1	530	<1	550	42	50	40
Area 37 L0-125S	37	98	30	0.2	2720	<1	1050	82	390	296
Area 37 L0-150S	11	2	<10	1.1	4610	<1	510	5	26	50
Area 37 L100W-150N	5	139	<10	0.2	1750	<1	260	17	602	43
Area 37 L100W-125N	5	189	20	0.1	1550	<1	220	20	462	62
Area 37 L100W-100N	6	288	30	0.1	2140	<1	150	13	492	82
Area 37 L100W-75N	8	106	<10	<0.1	960	<1	370	7	627	26
Area 37 L100W-50N	10	100	<10	<0.1	910	<1	370	13	559	13
Area 37 L100W-25N	6	109	<10	<0.1	1310	<1	370	31	424	19
Area 37 L100W-0N	5	114	<10	<0.1	700	<1	120	17	263	17
Area 37 L100W- 25S	3	239	<10	<0.1	1010	1	120	38	532	71
Area 37 L100W- 50S	5	77	<10	0.3	1360	<1	470	8	323	6
Area 37 L100W- 75S	16	41	<10	0.2	890	<1	400	8	184	32
Area 37 L100W-100S	12	20	<10	0.3	1200	<1	540	5	22	9
Area 37 L100W-125S	13	41	<10	0.3	1170	<1	510	3	148	13
Area 37 L100W-150S	8	295	20	0.1	1090	<1	60	15	79	122

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
Area 37 L200W-125S	7	46	<10	0.1	810	<1	530	18	79	10
Area 37 L200W-100S	6	28	<10	0.1	790	<1	380	9	242	32
Area 37 L200W-75S	5	14	<10	0.1	750	<1	310	8	167	33
Area 37 L200W-50S	6	44	70	<0.1	830	<1	160	11	88	33
Area 37 L200W-25S	3	77	20	<0.1	1080	<1	150	13	336	60
Area 37 L200W-0N	2	136	50	0.2	1650	1	130	4	1950	268
Area 37 L200W- 25N	5	>300	40	0.1	2400	1	60	3	228	100
Area 37 L200W- 50N	4	>300	40	<0.1	2480	2	120	15	602	135
Area 37 L200W- 75N	7	>300	30	0.2	1800	2	70	10	481	123
Area 37 L200W-100N	9	289	10	0.1	880	<1	40	11	358	33
Area 37 L200W-125N	10	298	10	0.3	930	<1	50	15	244	45
Area 37 L300W-100N	5	8	<10	0.2	920	<1	340	5	178	30
Area 37 L300W-75N	3	42	90	<0.1	1030	<1	150	7	84	33
Area 37 L300W-50N	3	70	30	<0.1	990	1	160	12	365	73
Area 37 L300W-25N	2	122	40	0.1	1520	1	130	7	2070	280
Area 37 L300W-0N	3	>300	50	0.1	2950	1	80	3	300	160
Area 37 L300W- 25S	5	>300	40	<0.1	2140	2	120	13	612	152
Area 37 L300W- 50S	10	>300	20	0.1	1450	<1	50	19	397	138
Area 37 L300W- 75S	11	>300	<10	<0.1	920	<1	40	10	155	41
Area 37 L300W-100S	8	287	10	<0.1	850	<1	60	12	335	29
*Dup Area 37 L200E-100N	7	12	<10	0.1	420	<1	370	15	76	105
*Dup Area 37 L100E-75S	21	14	<10	1.0	1540	<1	470	6	17	11
*Dup Area 37 L0-100N	7	>300	10	<0.1	830	<1	30	15	62	111
*Dup Area 37 L100W-125N	5	182	20	<0.1	1480	<1	220	18	502	49
*Dup Area 37 L200W-125S	6	49	<10	<0.1	570	<1	410	19	78	11
*Dup Area 37 L300W-75N	5	47	90	0.2	1010	<1	180	11	95	38
*Std MMISRM14	18	37	10	46.9	100	<1	250	7	18	40
*Std MMISRM14	17	45	10	48.1	110	<1	250	7	17	46
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
Area 37 L200E-100N	<100	2010	15	7.8	5.0	18	25	69	23	98
Area 37 L200E-75N	<100	270	19	9.6	5.8	147	23	65	24	10
Area 37 L200E-50N	200	220	10	6.0	2.2	162	8	22	21	6
Area 37 L200E-25N	300	230	12	6.0	3.2	174	12	35	34	7
Area 37 L200E-0N	<100	270	9	4.7	1.9	93	8	15	10	5
Area 37 L200E- 25S	500	230	14	5.7	5.7	176	22	117	24	10
Area 37 L200E- 50S	300	240	19	8.0	8.2	83	30	117	7	4
Area 37 L200E- 75S	200	220	17	7.0	7.1	69	26	92	<5	4
Area 37 L200E-100S	300	200	21	8.0	9.9	109	36	158	<5	2
Area 37 L100E-150S	<100	1600	27	16.4	6.7	9	33	64	11	132
Area 37 L100E-125S	<100	160	8	4.0	2.3	56	9	26	9	21
Area 37 L100E-100S	200	170	6	3.8	1.3	226	5	21	26	16
Area 37 L100E-75S	<100	1900	11	4.9	4.6	9	17	34	<5	172
Area 37 L100E-50S	<100	440	41	21.0	11.6	10	57	97	<5	202
Area 37 L100E-25S	<100	210	33	17.5	9.5	12	45	111	5	140
Area 37 L100E-0N	<100	170	44	23.4	11.3	20	52	121	<5	107
Area 37 L100E- 25N	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
Area 37 L100E- 50N	300	130	39	17.1	17.3	50	73	361	11	43
Area 37 L100E- 75N	<100	290	65	32.9	20.4	14	94	230	<5	131
Area 37 L100E-100N	<100	210	15	6.4	4.2	52	17	48	9	19
Area 37 L100E-125N	700	160	8	4.2	2.8	155	10	42	24	32
Area 37 L100E-150N	100	160	8	4.0	2.3	96	8	28	17	12
Area 37 L0-150N	100	140	3	1.5	1.2	48	5	25	7	31
Area 37 L0-125N	300	110	3	1.7	1.3	120	5	26	19	28
Area 37 L0-100N	100	60	12	5.7	3.1	101	11	29	11	6
Area 37 L0-75N	<100	390	166	84.1	47.7	74	219	600	8	68
Area 37 L0-50N	600	140	19	8.0	7.7	143	31	180	32	18
Area 37 L0-25N	<100	130	37	17.6	12.2	24	54	158	<5	95
Area 37 L0-0N	<100	190	27	17.8	6.0	13	28	68	<5	122
Area 37 L0- 25S	200	270	43	21.0	13.7	67	66	286	14	94
Area 37 L0- 50S	<100	620	27	12.1	10.6	11	50	119	18	178
Area 37 L0- 75S	<100	370	36	18.0	11.5	12	54	115	<5	163
Area 37 L0-100S	<100	300	7	3.6	2.3	22	11	32	9	178
Area 37 L0-125S	200	6060	73	39.8	19.8	29	99	200	31	344
Area 37 L0-150S	<100	430	16	8.0	6.7	3	24	26	6	385
Area 37 L100W-150N	<100	270	73	37.4	22.5	35	101	282	<5	71
Area 37 L100W-125N	200	180	31	13.9	10.8	83	46	147	20	45
Area 37 L100W-100N	300	200	31	14.5	10.4	131	44	152	39	41
Area 37 L100W-75N	<100	440	93	46.6	28.1	34	130	392	<5	86
Area 37 L100W-50N	<100	340	83	38.4	27.1	19	124	391	<5	89
Area 37 L100W-25N	<100	200	65	40.2	14.2	17	68	169	<5	104
Area 37 L100W-0N	<100	100	34	16.8	9.2	35	40	97	<5	30
Area 37 L100W- 25S	<100	310	83	37.7	19.3	49	88	169	8	39
Area 37 L100W- 50S	<100	220	65	33.1	19.0	14	91	243	<5	103
Area 37 L100W- 75S	<100	740	41	30.0	9.2	7	47	92	<5	130
Area 37 L100W-100S	<100	390	22	15.1	5.0	6	25	40	<5	152
Area 37 L100W-125S	<100	980	34	23.7	8.3	12	42	93	<5	121
Area 37 L100W-150S	300	250	9	4.5	2.8	151	11	40	9	15

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Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
Area 37 L200W-125S	<100	280	19	11.9	4.8	9	24	50	<5	162
Area 37 L200W-100S	<100	440	16	7.2	6.4	16	30	96	9	147
Area 37 L200W-75S	<100	560	12	5.0	5.0	11	23	68	8	98
Area 37 L200W-50S	100	120	5	2.4	1.9	33	9	39	9	44
Area 37 L200W-25S	200	150	16	7.3	6.3	38	27	139	6	54
Area 37 L200W-0N	1000	320	92	38.2	35.1	108	158	989	19	57
Area 37 L200W- 25N	600	220	19	9.3	6.1	232	24	97	82	24
Area 37 L200W- 50N	500	250	26	11.5	11.0	179	44	221	78	34
Area 37 L200W- 75N	400	490	31	14.3	9.5	201	41	180	85	33
Area 37 L200W-100N	100	80	24	10.5	8.8	68	34	101	9	8
Area 37 L200W-125N	100	90	19	8.4	6.4	89	24	76	8	12
Area 37 L300W-100N	<100	1380	15	6.2	6.0	13	28	71	12	109
Area 37 L300W-75N	100	110	4	1.9	1.8	35	8	37	6	43
Area 37 L300W-50N	200	170	18	7.6	6.8	55	29	149	5	57
Area 37 L300W-25N	600	380	104	43.9	39.5	91	179	1200	10	52
Area 37 L300W-0N	800	230	20	9.4	7.1	281	27	128	67	24
Area 37 L300W- 25S	500	250	27	11.7	11.2	159	44	223	52	32
Area 37 L300W- 50S	300	520	29	12.0	8.7	160	38	166	46	22
Area 37 L300W- 75S	100	70	13	6.0	4.7	89	17	59	9	11
Area 37 L300W-100S	100	80	23	9.8	8.5	60	32	96	8	9
*Dup Area 37 L200E-100N	<100	1600	9	5.6	2.5	13	12	32	25	91
*Dup Area 37 L100E-75S	<100	1840	7	4.3	2.2	6	9	16	<5	171
*Dup Area 37 L0-100N	100	70	12	6.0	3.0	98	11	26	9	7
*Dup Area 37 L100W-125N	200	170	34	14.9	12.0	73	51	164	14	45
*Dup Area 37 L200W-125S	<100	250	16	10.1	4.1	9	20	42	<5	182
*Dup Area 37 L300W-75N	200	140	5	2.6	2.0	37	9	42	6	50
*Std MMISRM14	<100	700	2	0.7	0.8	2	4	7	<5	36
*Std MMISRM14	<100	740	2	0.8	0.8	3	4	4	<5	36
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

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Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Area 37 L200E-100N	<5	1.2	100	266	120	<1	23	<1	19	<1
Area 37 L200E-75N	6	21.4	83	352	180	<1	19	<1	125	<1
Area 37 L200E-50N	<5	18.3	28	446	490	<1	6	<1	88	<1
Area 37 L200E-25N	<5	19.6	47	368	290	<1	11	<1	113	1
Area 37 L200E-0N	<5	6.9	24	286	290	<1	5	<1	92	<1
Area 37 L200E- 25S	9	29.0	114	336	120	1	29	<1	99	<1
Area 37 L200E- 50S	6	11.0	142	209	130	1	34	<1	76	<1
Area 37 L200E- 75S	<5	7.0	117	174	140	<1	28	<1	76	<1
Area 37 L200E-100S	6	10.0	186	120	60	1	46	<1	72	<1
Area 37 L100E-150S	<5	0.7	101	1490	160	<1	21	<1	57	<1
Area 37 L100E-125S	<5	4.9	34	368	350	<1	8	<1	245	<1
Area 37 L100E-100S	<5	29.3	21	330	640	<1	5	<1	121	<1
Area 37 L100E-75S	<5	<0.5	58	848	<10	<1	11	<1	46	<1
Area 37 L100E-50S	<5	<0.5	172	421	100	<1	35	<1	94	<1
Area 37 L100E-25S	<5	<0.5	171	726	160	<1	38	<1	109	<1
Area 37 L100E-0N	<5	<0.5	187	1180	490	<1	41	<1	196	<1
Area 37 L100E- 25N	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
Area 37 L100E- 50N	<5	6.4	418	5790	100	<1	106	<1	158	<1
Area 37 L100E- 75N	<5	<0.5	348	452	200	<1	77	<1	135	<1
Area 37 L100E-100N	<5	5.6	68	317	280	<1	15	<1	147	<1
Area 37 L100E-125N	<5	20.5	45	1210	210	<1	11	<1	130	1
Area 37 L100E-150N	<5	8.0	32	896	210	<1	7	<1	244	<1
Area 37 L0-150N	<5	5.8	22	327	80	<1	6	<1	155	<1
Area 37 L0-125N	7	21.3	24	351	140	<1	6	<1	111	<1
Area 37 L0-100N	<5	9.5	43	454	190	<1	9	<1	121	<1
Area 37 L0-75N	<5	5.9	900	656	320	2	202	<1	143	<1
Area 37 L0-50N	9	32.7	171	416	110	2	45	<1	180	1
Area 37 L0-25N	<5	1.0	237	1040	220	<1	55	<1	163	<1
Area 37 L0-0N	<5	<0.5	99	1110	100	<1	22	<1	179	<1
Area 37 L0- 25S	<5	3.4	323	1460	300	<1	81	<1	113	<1
Area 37 L0- 50S	<5	<0.5	195	1920	50	<1	40	<1	74	<1
Area 37 L0- 75S	<5	<0.5	186	1100	80	<1	40	<1	137	<1
Area 37 L0-100S	<5	<0.5	43	2290	70	<1	10	<1	17	<1
Area 37 L0-125S	34	2.7	313	3590	980	<1	68	<1	71	2
Area 37 L0-150S	<5	<0.5	59	1510	20	1	10	<1	55	<1
Area 37 L100W-150N	<5	5.3	430	362	460	2	97	<1	186	<1
Area 37 L100W-125N	<5	12.2	203	442	390	2	47	<1	249	<1
Area 37 L100W-100N	<5	18.0	191	587	310	2	45	<1	278	<1
Area 37 L100W-75N	<5	0.6	539	900	190	<1	125	<1	179	<1
Area 37 L100W-50N	<5	<0.5	534	660	140	<1	125	<1	145	<1
Area 37 L100W-25N	<5	<0.5	241	1500	290	<1	54	<1	188	<1
Area 37 L100W-0N	<5	1.6	153	229	220	<1	34	<1	203	<1
Area 37 L100W- 25S	<5	3.4	316	415	540	<1	69	<1	225	<1
Area 37 L100W- 50S	<5	<0.5	337	191	100	<1	76	<1	120	<1
Area 37 L100W- 75S	<5	<0.5	141	1070	150	<1	30	<1	196	<1
Area 37 L100W-100S	<5	<0.5	68	307	80	<1	14	<1	85	<1
Area 37 L100W-125S	<5	<0.5	138	1090	110	<1	29	<1	54	<1
Area 37 L100W-150S	<5	7.7	43	349	370	<1	10	<1	131	1

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Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Area 37 L200W-125S	<5	<0.5	81	1740	110	<1	17	<1	80	<1
Area 37 L200W-100S	<5	<0.5	139	2390	80	<1	31	<1	74	<1
Area 37 L200W-75S	<5	0.5	110	2230	50	<1	23	<1	78	<1
Area 37 L200W-50S	<5	3.8	45	332	70	<1	11	<1	133	<1
Area 37 L200W-25S	<5	3.9	150	570	200	<1	38	<1	157	<1
Area 37 L200W-0N	<5	13.0	902	1030	350	3	238	<1	188	1
Area 37 L200W- 25N	7	31.9	109	797	220	3	26	<1	295	1
Area 37 L200W- 50N	7	27.5	240	751	340	2	60	<1	296	1
Area 37 L200W- 75N	<5	28.2	197	677	340	4	48	<1	327	1
Area 37 L200W-100N	<5	9.1	147	259	240	<1	33	<1	172	<1
Area 37 L200W-125N	5	8.9	100	350	290	<1	23	<1	176	<1
Area 37 L300W-100N	<5	<0.5	126	3140	30	<1	26	<1	81	<1
Area 37 L300W-75N	<5	4.5	40	287	120	<1	10	<1	120	<1
Area 37 L300W-50N	<5	4.2	164	590	280	<1	42	<1	129	<1
Area 37 L300W-25N	<5	9.3	1040	956	540	2	277	<1	185	<1
Area 37 L300W-0N	9	32.2	137	792	230	2	34	<1	309	1
Area 37 L300W- 25S	8	23.4	243	646	310	2	61	<1	307	1
Area 37 L300W- 50S	<5	17.1	184	588	250	2	46	<1	272	1
Area 37 L300W- 75S	<5	9.1	74	328	160	<1	17	<1	146	<1
Area 37 L300W-100S	<5	8.3	138	253	240	<1	31	<1	187	<1
*Dup Area 37 L200E-100N	<5	0.9	47	283	110	<1	11	<1	24	<1
*Dup Area 37 L100E-75S	<5	<0.5	25	781	10	<1	5	<1	51	<1
*Dup Area 37 L0-100N	<5	7.7	39	473	200	<1	8	<1	120	<1
*Dup Area 37 L100W-125N	<5	10.5	231	392	350	2	54	<1	247	<1
*Dup Area 37 L200W-125S	<5	<0.5	70	1760	110	<1	16	<1	95	<1
*Dup Area 37 L300W-75N	<5	4.4	48	356	90	<1	12	<1	135	<1
*Std MMISRM14	35	<0.5	14	247	100	58	3	<1	270	<1
*Std MMISRM14	36	<0.5	13	279	120	59	2	<1	277	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1

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Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Area 37 L200E-100N	<5	22	<1	460	<1	3	<10	9.7	<3	<0.5
Area 37 L200E-75N	60	20	3	60	1	4	<10	18.2	3420	<0.5
Area 37 L200E-50N	55	6	3	60	1	2	<10	8.5	6280	<0.5
Area 37 L200E-25N	66	11	3	30	1	2	<10	14.8	6340	0.5
Area 37 L200E-0N	29	6	1	120	<1	1	<10	6.5	2470	<0.5
Area 37 L200E- 25S	62	22	4	190	2	3	<10	31.1	11100	0.8
Area 37 L200E- 50S	47	30	1	90	<1	4	<10	41.3	3670	0.6
Area 37 L200E- 75S	40	26	<1	100	<1	4	<10	38.0	2000	0.6
Area 37 L200E-100S	51	37	<1	40	<1	5	<10	57.0	2500	0.7
Area 37 L100E-150S	7	25	<1	740	<1	5	<10	10.7	<3	<0.5
Area 37 L100E-125S	25	7	<1	550	<1	1	<10	14.5	1430	<0.5
Area 37 L100E-100S	61	5	6	310	2	<1	<10	12.4	11100	0.6
Area 37 L100E-75S	8	14	<1	1450	<1	2	<10	2.1	22	<0.5
Area 37 L100E-50S	13	46	<1	1040	<1	8	<10	15.8	<3	<0.5
Area 37 L100E-25S	11	40	<1	640	<1	6	<10	16.5	9	<0.5
Area 37 L100E-0N	28	45	<1	590	<1	8	<10	20.9	15	<0.5
Area 37 L100E- 25N	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
Area 37 L100E- 50N	53	73	<1	270	<1	9	<10	25.2	1780	0.7
Area 37 L100E- 75N	20	82	<1	970	<1	13	<10	22.3	9	<0.5
Area 37 L100E-100N	25	15	<1	460	<1	3	<10	18.3	1650	0.5
Area 37 L100E-125N	61	10	4	410	1	2	<10	11.2	7900	<0.5
Area 37 L100E-150N	33	8	<1	370	<1	1	<10	12.5	2130	<0.5
Area 37 L0-150N	21	4	2	590	<1	<1	<10	5.7	2120	<0.5
Area 37 L0-125N	41	5	4	720	1	<1	<10	10.0	7800	<0.5
Area 37 L0-100N	33	10	1	180	<1	2	<10	7.6	3150	<0.5
Area 37 L0-75N	146	197	<1	590	<1	32	<10	97.7	1160	0.7
Area 37 L0-50N	88	32	6	180	2	4	<10	32.1	12300	0.8
Area 37 L0-25N	29	51	<1	560	<1	7	<10	19.3	212	<0.5
Area 37 L0-0N	17	23	<1	870	<1	4	<10	6.8	3	<0.5
Area 37 L0- 25S	53	61	<1	430	<1	9	<10	41.6	713	<0.5
Area 37 L0- 50S	8	45	<1	670	<1	6	<10	8.8	<3	<0.5
Area 37 L0- 75S	8	46	<1	660	<1	7	<10	9.4	<3	<0.5
Area 37 L0-100S	<5	10	<1	580	<1	1	<10	2.4	24	<0.5
Area 37 L0-125S	29	79	<1	1600	<1	14	<10	21.2	20	1.0
Area 37 L0-150S	17	16	<1	2870	<1	3	<10	0.6	<3	<0.5
Area 37 L100W-150N	80	93	<1	750	<1	14	<10	63.0	1010	0.7
Area 37 L100W-125N	61	44	1	450	<1	6	<10	54.0	3060	0.7
Area 37 L100W-100N	86	41	2	410	<1	6	<10	56.1	4410	0.9
Area 37 L100W-75N	44	117	<1	600	<1	18	<10	27.6	72	0.5
Area 37 L100W-50N	31	114	<1	600	<1	17	<10	23.4	51	<0.5
Area 37 L100W-25N	41	55	<1	740	<1	11	<10	24.4	8	0.7
Area 37 L100W-0N	22	35	<1	310	<1	6	<10	22.7	412	<0.5
Area 37 L100W- 25S	62	74	<1	400	<1	15	<10	63.5	809	0.6
Area 37 L100W- 50S	19	78	<1	980	<1	13	<10	23.3	5	<0.5
Area 37 L100W- 75S	8	36	<1	650	<1	7	<10	7.1	<3	<0.5
Area 37 L100W-100S	7	18	<1	860	<1	4	<10	5.5	<3	<0.5
Area 37 L100W-125S	12	32	<1	880	<1	6	<10	8.8	<3	<0.5
Area 37 L100W-150S	44	10	1	220	<1	2	<10	10.1	2460	<0.5

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Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Area 37 L200W-125S	6	20	<1	640	<1	3	<10	5.2	<3	<0.5
Area 37 L200W-100S	10	29	<1	450	<1	4	<10	11.8	61	<0.5
Area 37 L200W-75S	8	22	<1	290	<1	3	<10	6.7	106	<0.5
Area 37 L200W-50S	15	8	<1	270	<1	1	<10	8.7	929	<0.5
Area 37 L200W-25S	28	27	<1	250	<1	4	<10	19.8	1020	<0.5
Area 37 L200W-0N	105	157	1	360	<1	21	<10	105	3170	0.8
Area 37 L200W- 25N	141	23	5	240	2	4	<10	38.9	9660	1.1
Area 37 L200W- 50N	135	44	5	330	2	6	<10	48.1	7560	1.3
Area 37 L200W- 75N	135	39	4	270	2	6	<10	98.7	7000	1.4
Area 37 L200W-100N	40	33	<1	110	<1	5	<10	28.6	2390	0.7
Area 37 L200W-125N	36	23	<1	140	<1	4	<10	22.1	2510	0.6
Area 37 L300W-100N	8	26	<1	320	<1	3	<10	6.3	107	0.6
Area 37 L300W-75N	12	8	<1	260	<1	<1	<10	8.1	1060	<0.5
Area 37 L300W-50N	28	29	<1	270	<1	4	<10	18.6	1110	<0.5
Area 37 L300W-25N	93	179	1	350	<1	24	<10	84.5	2260	0.6
Area 37 L300W-0N	128	27	4	260	2	4	<10	54.4	9150	1.1
Area 37 L300W- 25S	103	45	4	320	2	6	<10	40.8	6590	1.2
Area 37 L300W- 50S	88	36	2	190	<1	6	<10	68.7	4350	1.0
Area 37 L300W- 75S	32	17	<1	100	<1	3	<10	15.7	2670	0.6
Area 37 L300W-100S	37	31	<1	120	<1	5	<10	28.2	2220	0.7
*Dup Area 37 L200E-100N	<5	10	<1	370	<1	2	<10	7.2	6	<0.5
*Dup Area 37 L100E-75S	7	6	<1	1270	<1	1	<10	1.5	22	<0.5
*Dup Area 37 L0-100N	30	9	1	170	<1	2	<10	7.7	2540	<0.5
*Dup Area 37 L100W-125N	52	49	<1	430	<1	7	<10	52.5	2550	0.6
*Dup Area 37 L200W-125S	6	17	<1	580	<1	3	<10	4.4	4	<0.5
*Dup Area 37 L300W-75N	14	9	<1	300	<1	1	<10	8.9	1020	<0.5
*Std MMISRM14	7	4	<1	500	<1	<1	<10	14.5	<3	<0.5
*Std MMISRM14	8	4	<1	490	<1	<1	<10	15.4	11	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5

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Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
Area 37 L200E-100N	18	<1	86	6	30	7
Area 37 L200E-75N	5	<1	102	7	3660	63
Area 37 L200E-50N	3	1	62	5	580	47
Area 37 L200E-25N	4	2	65	5	750	68
Area 37 L200E-0N	2	<1	50	4	560	26
Area 37 L200E- 25S	10	2	60	4	460	100
Area 37 L200E- 50S	10	1	85	6	370	84
Area 37 L200E- 75S	9	<1	70	5	590	68
Area 37 L200E-100S	9	1	81	6	120	107
Area 37 L100E-150S	15	<1	141	13	260	13
Area 37 L100E-125S	2	<1	44	3	130	36
Area 37 L100E-100S	4	2	32	3	670	72
Area 37 L100E-75S	13	<1	67	3	<20	<5
Area 37 L100E-50S	12	<1	210	17	70	26
Area 37 L100E-25S	20	<1	166	14	110	29
Area 37 L100E-0N	19	<1	249	17	490	22
Area 37 L100E- 25N	<1	<1	<5	<1	<20	<5
Area 37 L100E- 50N	9	1	209	12	40	54
Area 37 L100E- 75N	17	<1	336	25	150	44
Area 37 L100E-100N	4	<1	66	4	90	40
Area 37 L100E-125N	4	2	43	3	930	61
Area 37 L100E-150N	5	<1	42	3	2750	43
Area 37 L0-150N	2	<1	17	1	5230	25
Area 37 L0-125N	3	1	19	1	740	62
Area 37 L0-100N	3	<1	62	4	90	34
Area 37 L0-75N	23	2	953	65	30	136
Area 37 L0-50N	9	2	91	6	140	133
Area 37 L0-25N	15	<1	202	12	670	26
Area 37 L0-0N	13	<1	159	14	140	10
Area 37 L0- 25S	13	<1	250	16	160	57
Area 37 L0- 50S	16	<1	153	9	<20	14
Area 37 L0- 75S	24	<1	194	13	100	17
Area 37 L0-100S	31	<1	48	3	120	6
Area 37 L0-125S	127	<1	397	32	710	46
Area 37 L0-150S	2	<1	63	6	30	7
Area 37 L100W-150N	12	<1	363	29	580	117
Area 37 L100W-125N	7	1	148	11	580	137
Area 37 L100W-100N	8	2	159	11	220	174
Area 37 L100W-75N	24	<1	546	34	40	41
Area 37 L100W-50N	21	<1	479	26	40	31
Area 37 L100W-25N	15	<1	383	30	170	25
Area 37 L100W-0N	4	<1	174	12	180	29
Area 37 L100W- 25S	11	<1	394	25	660	61
Area 37 L100W- 50S	19	<1	334	26	<20	53
Area 37 L100W- 75S	19	<1	210	25	<20	13
Area 37 L100W-100S	8	<1	103	13	30	13
Area 37 L100W-125S	29	<1	178	20	<20	16
Area 37 L100W-150S	3	<1	47	4	400	45

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Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
Area 37 L200W-125S	20	<1	104	9	130	8
Area 37 L200W-100S	15	<1	89	6	190	13
Area 37 L200W-75S	8	<1	64	4	40	11
Area 37 L200W-50S	5	<1	27	2	80	21
Area 37 L200W-25S	11	<1	80	6	90	35
Area 37 L200W-0N	16	2	437	28	100	188
Area 37 L200W- 25N	9	2	91	7	470	184
Area 37 L200W- 50N	11	2	124	9	260	179
Area 37 L200W- 75N	11	2	149	11	330	335
Area 37 L200W-100N	6	<1	120	8	360	64
Area 37 L200W-125N	5	<1	93	6	460	53
Area 37 L300W-100N	7	<1	84	5	30	13
Area 37 L300W-75N	4	<1	22	2	80	22
Area 37 L300W-50N	10	<1	84	6	140	35
Area 37 L300W-25N	15	2	528	31	90	148
Area 37 L300W-0N	11	3	93	8	610	206
Area 37 L300W- 25S	11	2	130	9	180	150
Area 37 L300W- 50S	8	1	133	9	320	208
Area 37 L300W- 75S	4	<1	67	4	160	46
Area 37 L300W-100S	5	<1	111	7	640	62
*Dup Area 37 L200E-100N	19	<1	52	5	40	5
*Dup Area 37 L100E-75S	10	<1	41	3	30	<5
*Dup Area 37 L0-100N	3	<1	63	4	100	29
*Dup Area 37 L100W-125N	7	<1	162	11	470	126
*Dup Area 37 L200W-125S	21	<1	92	8	180	9
*Dup Area 37 L300W-75N	5	<1	27	2	110	24
*Std MMISRM14	30	<1	9	<1	300	12
*Std MMISRM14	32	<1	9	<1	310	13
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5

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