Certificate of Analysis

Work Order: 096156

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		67
Date Submitted		Oct 09, 2007
Report Comprises		Pages 1 to 11
		(Inclusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days: 67 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 25 L0-150N	1	8	20	0.1	810	<1	690	13	55	131
Area 25 L0-125N	4	95	<10	<0.1	610	<1	620	32	107	22
Area 25 L0-100N	9	15	<10	0.1	980	<1	490	7	232	118
Area 25 L0-75N	8	22	<10	<0.1	500	<1	460	24	78	63
Area 25 L0-50N	10	6	<10	0.2	870	<1	540	3	7	67
Area 25 L0-25N	7	8	<10	1.0	910	<1	480	3	31	18
Area 25 L0-0N	8	50	<10	0.1	1670	<1	520	9	182	25
Area 25 L0- 25S	2	154	10	<0.1	1060	4	710	75	128	713
Area 25 L0- 50S	3	274	20	<0.1	450	<1	20	15	69	70
Area 25 L0- 75S	4	>300	20	<0.1	1040	2	50	22	102	179
Area 25 L0-100S	4	>300	40	<0.1	730	1	30	15	94	67
Area 25 L0-125S	3	231	<10	<0.1	1240	<1	220	85	189	63
Area 25 L0-150S	5	>300	20	<0.1	450	<1	10	14	44	69
Area 25 L100W-150N	2	22	20	<0.1	240	<1	580	5	35	16
Area 25 L100W-125N	2	41	30	<0.1	230	<1	700	9	23	21
Area 25 L100W-100N	2	62	20	<0.1	240	<1	630	15	41	19
Area 25 L100W-75N	1	31	40	<0.1	190	<1	560	5	22	19
Area 25 L100W-50N	2	54	30	<0.1	240	<1	690	14	31	14
Area 25 L100W-25N	2	55	30	<0.1	310	<1	680	27	55	37
Area 25 L100W-0N	4	174	30	<0.1	410	<1	670	35	75	93
Area 25 L100W- 25S	<1	287	10	<0.1	250	<1	20	7	25	100
Area 25 L100W- 50S	2	169	20	<0.1	580	<1	510	61	430	178
Area 25 L100W- 75S	5	20	<10	0.1	1440	<1	500	5	194	53
Area 25 L100W-100S	9	26	<10	0.1	1010	<1	610	7	107	12
Area 25 L100W-125S	9	23	<10	0.2	1030	<1	540	14	286	118
Area 25 L100W-150S	12	31	<10	0.1	990	<1	510	5	164	24
Area 25 L200W-150N	2	5	<10	<0.1	460	<1	930	7	18	30
Area 25 L200W-125N	2	4	20	<0.1	370	<1	870	5	11	26
Area 25 L200W-100N	1	2	10	<0.1	400	<1	920	4	7	17
Area 25 L200W-75N	3	68	<10	<0.1	340	<1	660	25	38	37
Area 25 L200W-50N	2	>300	30	<0.1	1080	3	230	39	319	157
Area 25 L200W-25N	<1	136	<10	<0.1	440	2	280	73	120	200
Area 25 L200W-0N	2	>300	10	<0.1	850	2	240	82	367	323
Area 25 L200W- 25S	1	>300	20	<0.1	990	<1	30	7	58	81
Area 25 L200W- 50S	27	48	<10	0.4	420	<1	400	7	85	20
Area 25 L200W- 75S	2	60	10	<0.1	960	9	560	114	233	148
Area 25 L200W-100S	19	15	<10	0.2	1050	<1	500	13	108	117
Area 25 L200W-125S	16	41	<10	0.2	1550	<1	400	9	113	43
Area 25 L200W-150S	<1	>300	<10	<0.1	1270	<1	40	6	14	67
Area 25 L300W-150N	1	3	<10	<0.1	320	<1	740	4	8	25
Area 25 L300W-125N	2	10	20	<0.1	370	<1	970	9	8	44
Area 25 L300W-100N	1	32	20	<0.1	400	<1	790	8	16	83
Area 25 L300W-75N	6	221	10	0.1	250	<1	<10	14	536	156
Area 25 L300W-50N	<1	240	20	<0.1	560	3	20	39	36	154
Area 25 L300W-25N	5	>300	10	<0.1	460	<1	<10	7	31	116
Area 25 L300W-0N	11	>300	10	<0.1	680	<1	20	13	46	316
Area 25 L300W- 25S	6	>300	50	0.1	670	1	10	17	122	305
Area 25 L300W- 50S	1	236	30	<0.1	510	<1	30	8	27	85

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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 25 L300W- 75S	10	138	10	0.2	290	<1	290	12	168	96
Area 25 L300W-100S	27	33	<10	0.2	660	<1	460	15	155	69
Area 25 L300W-125S	2	>300	20	<0.1	1460	6	80	55	48	172
Area 25 L300W-150S	4	66	10	<0.1	1170	<1	330	12	1330	118
Area 25 L400W-150N	4	>300	20	<0.1	1040	<1	30	13	443	65
Area 25 L400W-125N	19	75	<10	0.1	1060	<1	920	21	259	53
Area 25 L400W-100N	1	9	<10	<0.1	250	<1	560	24	5	12
Area 25 L400W-75N	5	85	20	<0.1	480	<1	330	7	279	95
Area 25 L400W-50N	3	37	10	<0.1	540	<1	1210	87	20	52
Area 25 L400W-25N	6	286	10	<0.1	390	<1	30	8	45	91
Area 25 L400W-0N	8	164	50	<0.1	530	<1	100	21	43	89
Area 25 L400W- 25S	6	268	<10	<0.1	750	<1	10	15	54	93
Area 25 L400W- 50S	13	181	<10	<0.1	390	<1	70	6	205	96
Area 25 L400W- 75S	4	252	<10	<0.1	480	<1	10	14	20	140
Area 25 L400W-100S	5	254	20	<0.1	550	<1	40	12	83	69
Area 25 L400W-125S	9	224	10	<0.1	720	<1	10	9	327	88
Area 25 L400W-150S	8	15	<10	0.2	600	<1	350	10	210	87
Area 25 L300W-0N-A	3	>300	40	<0.1	2760	9	110	38	199	278
Area 25 L100W-150N-A	4	>300	40	<0.1	2330	5	80	24	173	290
*Dup Area 25 L0-150N	2	10	10	<0.1	620	<1	620	16	43	92
*Dup Area 25 L0-150S	5	>300	20	<0.1	430	<1	20	13	38	67
*Dup Area 25 L100W-125S	12	22	<10	0.2	830	<1	470	11	220	157
*Dup Area 25 L200W-100S	20	10	<10	0.1	840	<1	420	13	81	110
*Dup Area 25 L300W- 75S	11	133	10	0.2	340	<1	270	12	163	114
*Dup Area 25 L400W- 50S	17	187	20	<0.1	490	<1	70	5	212	102
*Std MMISRM14	19	46	20	38.3	50	<1	260	8	13	50
*Std MMISRM14	21	41	30	40.2	80	<1	270	8	13	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 25 L0-150N	<100	150	1	0.7	0.7	40	2	30	<5	64
Area 25 L0-125N	<100	590	10	5.8	2.7	236	12	41	<5	47
Area 25 L0-100N	<100	1570	19	11.1	4.3	28	22	77	<5	54
Area 25 L0-75N	<100	3800	13	8.5	2.7	34	14	40	12	52
Area 25 L0-50N	<100	270	8	5.7	1.4	3	8	2	21	98
Area 25 L0-25N	<100	400	9	3.8	3.0	4	15	19	8	83
Area 25 L0-0N	<100	670	42	23.6	11.4	11	55	99	<5	67
Area 25 L0- 25S	<100	880	45	26.8	8.7	71	50	53	<5	57
Area 25 L0- 50S	<100	210	10	5.8	2.2	159	9	24	13	8
Area 25 L0- 75S	200	440	13	9.3	2.2	227	11	39	15	15
Area 25 L0-100S	300	150	9	4.7	2.5	307	10	42	27	13
Area 25 L0-125S	<100	470	42	27.1	6.0	97	29	32	9	44
Area 25 L0-150S	<100	230	7	4.6	1.6	117	6	21	6	4
Area 25 L100W-150N	<100	180	4	2.2	1.2	41	6	22	<5	66
Area 25 L100W-125N	<100	170	8	4.4	1.9	36	9	19	<5	89
Area 25 L100W-100N	<100	240	11	6.3	2.8	57	14	32	<5	64
Area 25 L100W-75N	<100	190	7	3.9	2.0	35	9	22	<5	69
Area 25 L100W-50N	<100	270	11	6.4	2.8	70	14	28	<5	73
Area 25 L100W-25N	<100	510	13	7.3	3.4	122	16	38	<5	68
Area 25 L100W-0N	<100	2160	18	11.1	3.9	183	20	32	<5	47
Area 25 L100W- 25S	<100	140	5	4.6	0.8	163	3	11	6	6
Area 25 L100W- 50S	<100	310	33	15.0	12.4	95	51	163	7	40
Area 25 L100W- 75S	<100	940	20	9.4	6.2	11	30	61	<5	49
Area 25 L100W-100S	<100	720	19	9.3	6.5	9	31	54	<5	48
Area 25 L100W-125S	<100	1220	15	7.6	4.6	8	24	74	<5	56
Area 25 L100W-150S	<100	340	25	13.2	6.3	8	33	64	<5	79
Area 25 L200W-150N	<100	100	2	1.3	<0.5	6	3	6	<5	69
Area 25 L200W-125N	<100	50	2	1.0	<0.5	5	2	4	<5	51
Area 25 L200W-100N	<100	70	1	0.7	<0.5	7	2	3	<5	28
Area 25 L200W-75N	<100	330	7	4.0	1.7	227	8	20	<5	48
Area 25 L200W-50N	200	150	23	11.8	8.3	293	31	117	19	24
Area 25 L200W-25N	<100	240	18	10.4	4.5	94	20	41	6	43
Area 25 L200W-0N	<100	550	50	25.3	14.3	172	64	142	12	34
Area 25 L200W- 25S	200	200	4	3.7	0.9	211	4	20	26	18
Area 25 L200W- 50S	<100	11500	31	16.1	13.1	5	61	138	<5	12
Area 25 L200W- 75S	<100	290	23	12.1	6.5	48	32	129	10	71
Area 25 L200W-100S	<100	3150	34	19.3	7.6	9	41	76	14	79
Area 25 L200W-125S	<100	2370	32	18.5	8.8	6	44	71	<5	58
Area 25 L200W-150S	<100	40	1	1.3	<0.5	129	1	8	13	18
Area 25 L300W-150N	<100	210	<1	<0.5	<0.5	9	1	5	<5	50
Area 25 L300W-125N	<100	310	3	2.2	0.7	8	4	4	<5	71
Area 25 L300W-100N	<100	400	3	1.9	0.8	30	4	9	<5	39
Area 25 L300W-75N	<100	2550	132	81.2	26.2	41	131	251	<5	2
Area 25 L300W-50N	100	290	8	5.9	1.3	156	6	17	7	9
Area 25 L300W-25N	100	450	5	3.5	1.0	99	4	15	<5	3
Area 25 L300W-0N	200	1150	8	5.5	1.2	169	6	15	8	7
Area 25 L300W- 25S	400	310	10	6.3	2.5	323	11	41	42	10
Area 25 L300W- 50S	100	170	2	1.5	<0.5	328	2	10	9	20

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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 25 L300W- 75S	<100	470	18	8.6	6.8	38	30	87	<5	14
Area 25 L300W-100S	<100	1120	20	9.0	7.8	8	38	87	<5	39
Area 25 L300W-125S	<100	250	2	2.3	0.6	359	2	28	5	29
Area 25 L300W-150S	<100	500	62	29.4	21.6	73	95	304	8	60
Area 25 L400W-150N	100	80	19	10.2	6.0	185	24	101	14	12
Area 25 L400W-125N	<100	990	17	7.2	7.1	15	32	78	<5	98
Area 25 L400W-100N	<100	50	1	0.6	<0.5	4	2	2	<5	37
Area 25 L400W-75N	<100	640	16	7.2	5.6	51	28	92	5	15
Area 25 L400W-50N	<100	220	4	2.1	1.2	12	6	11	<5	52
Area 25 L400W-25N	<100	160	6	3.9	1.3	96	5	16	8	4
Area 25 L400W-0N	300	560	6	3.5	1.4	164	6	19	10	25
Area 25 L400W- 25S	<100	70	11	7.3	2.0	102	8	22	7	4
Area 25 L400W- 50S	200	400	12	4.8	4.8	46	16	76	<5	21
Area 25 L400W- 75S	<100	130	6	4.1	0.9	114	4	10	7	9
Area 25 L400W-100S	100	100	6	3.5	1.1	178	5	17	14	12
Area 25 L400W-125S	100	200	32	15.2	11.9	51	44	146	5	3
Area 25 L400W-150S	<100	2790	15	7.0	5.6	41	27	79	6	45
Area 25 L300W-0N-A	500	590	18	9.2	5.1	433	21	80	31	19
Area 25 L100W-150N-A	500	740	18	8.8	4.9	433	21	73	30	14
*Dup Area 25 L0-150N	<100	110	1	0.8	<0.5	34	1	44	<5	66
*Dup Area 25 L0-150S	<100	220	7	4.5	1.5	123	5	20	7	5
*Dup Area 25 L100W-125S	<100	1580	10	5.8	3.2	8	16	58	<5	56
*Dup Area 25 L200W-100S	<100	4340	25	17.1	5.5	7	31	56	20	82
*Dup Area 25 L300W- 75S	<100	520	17	8.5	5.6	38	26	80	<5	13
*Dup Area 25 L400W- 50S	200	440	11	4.3	4.3	49	15	84	<5	21
*Std MMISRM14	<100	820	2	0.7	0.8	3	4	3	<5	35
*Std MMISRM14	<100	790	2	0.6	0.7	3	3	3	<5	44
*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 25 L0-150N	7	0.6	16	259	790	<1	5	<1	47	<1
Area 25 L0-125N	17	1.2	46	274	40	<1	12	<1	12	<1
Area 25 L0-100N	<5	<0.5	89	140	120	<1	23	<1	28	<1
Area 25 L0-75N	6	<0.5	47	359	170	<1	12	<1	22	<1
Area 25 L0-50N	<5	<0.5	9	52	70	<1	2	<1	<5	<1
Area 25 L0-25N	<5	<0.5	44	89	20	<1	8	<1	16	<1
Area 25 L0-0N	<5	<0.5	164	205	110	<1	36	<1	69	<1
Area 25 L0- 25S	<5	0.5	118	445	1270	<1	25	<1	90	<1
Area 25 L0- 50S	<5	15.4	32	223	320	<1	8	<1	189	<1
Area 25 L0- 75S	<5	13.0	40	330	320	<1	11	<1	215	<1
Area 25 L0-100S	6	31.1	39	265	350	<1	11	<1	127	1
Area 25 L0-125S	<5	0.7	76	420	700	<1	16	<1	155	<1
Area 25 L0-150S	<5	2.6	21	152	70	<1	6	<1	123	<1
Area 25 L100W-150N	8	<0.5	23	95	40	<1	6	<1	8	<1
Area 25 L100W-125N	7	<0.5	28	111	40	<1	6	<1	10	<1
Area 25 L100W-100N	9	<0.5	48	124	50	<1	11	<1	6	<1
Area 25 L100W-75N	8	<0.5	30	92	30	<1	7	<1	6	<1
Area 25 L100W-50N	6	<0.5	44	127	40	<1	10	<1	7	<1
Area 25 L100W-25N	10	0.5	55	135	70	<1	13	<1	5	<1
Area 25 L100W-0N	7	0.6	55	225	70	<1	12	<1	7	<1
Area 25 L100W- 25S	<5	7.7	10	178	70	<1	3	<1	36	<1
Area 25 L100W- 50S	<5	3.7	244	432	680	<1	59	<1	112	<1
Area 25 L100W- 75S	<5	<0.5	100	135	70	<1	22	<1	49	<1
Area 25 L100W-100S	<5	<0.5	101	215	70	<1	21	<1	87	<1
Area 25 L100W-125S	<5	<0.5	95	495	50	<1	22	<1	34	<1
Area 25 L100W-150S	<5	<0.5	96	161	60	<1	21	<1	98	<1
Area 25 L200W-150N	<5	<0.5	8	95	40	<1	2	<1	7	<1
Area 25 L200W-125N	<5	<0.5	5	77	60	<1	1	<1	8	<1
Area 25 L200W-100N	<5	<0.5	3	68	40	<1	1	<1	9	<1
Area 25 L200W-75N	10	<0.5	27	136	60	<1	7	<1	9	<1
Area 25 L200W-50N	8	20.7	154	248	650	<1	38	<1	166	<1
Area 25 L200W-25N	<5	3.3	68	201	740	<1	16	<1	98	<1
Area 25 L200W-0N	6	5.2	248	352	910	<1	59	<1	155	<1
Area 25 L200W- 25S	<5	13.0	17	176	60	<1	5	<1	115	<1
Area 25 L200W- 50S	<5	<0.5	256	442	20	1	53	<1	86	<1
Area 25 L200W- 75S	<5	1.6	153	254	3900	<1	40	<1	107	<1
Area 25 L200W-100S	<5	<0.5	111	355	120	<1	24	<1	40	<1
Area 25 L200W-125S	<5	<0.5	143	282	70	<1	30	<1	120	<1
Area 25 L200W-150S	<5	2.3	7	145	10	<1	2	<1	84	<1
Area 25 L300W-150N	6	<0.5	4	129	120	<1	1	<1	11	<1
Area 25 L300W-125N	6	<0.5	8	223	30	<1	2	<1	7	<1
Area 25 L300W-100N	6	<0.5	12	199	40	<1	3	<1	10	1
Area 25 L300W-75N	<5	0.7	528	301	110	<1	120	<1	69	<1
Area 25 L300W-50N	<5	13.4	19	347	1360	<1	5	<1	24	<1
Area 25 L300W-25N	<5	2.6	13	258	100	<1	4	<1	115	<1
Area 25 L300W-0N	<5	4.0	17	362	60	<1	5	<1	180	<1
Area 25 L300W- 25S	9	31.3	41	296	270	<1	11	<1	238	1
Area 25 L300W- 50S	<5	9.3	8	347	150	<1	2	<1	15	<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 25 L300W- 75S	<5	2.9	123	213	120	<1	29	<1	109	<1
Area 25 L300W-100S	<5	<0.5	151	783	40	<1	32	<1	68	<1
Area 25 L300W-125S	6	14.0	16	543	410	<1	6	<1	301	1
Area 25 L300W-150S	<5	8.9	449	217	350	<1	109	<1	78	<1
Area 25 L400W-150N	6	9.8	119	268	170	<1	31	<1	116	<1
Area 25 L400W-125N	<5	<0.5	141	534	50	<1	30	<1	80	<1
Area 25 L400W-100N	<5	<0.5	4	252	210	<1	1	<1	41	<1
Area 25 L400W-75N	<5	3.0	124	210	70	<1	30	<1	81	<1
Area 25 L400W-50N	<5	<0.5	18	491	720	<1	4	<1	23	<1
Area 25 L400W-25N	<5	5.1	18	292	140	<1	5	<1	109	<1
Area 25 L400W-0N	5	6.7	24	188	70	<1	6	<1	583	<1
Area 25 L400W- 25S	<5	6.5	28	367	260	<1	7	<1	105	<1
Area 25 L400W- 50S	<5	64.4	76	345	60	<1	21	<1	71	<1
Area 25 L400W- 75S	<5	7.2	12	574	220	<1	3	<1	141	<1
Area 25 L400W-100S	5	14.0	18	428	410	<1	5	<1	182	<1
Area 25 L400W-125S	<5	5.1	198	156	220	<1	49	<1	206	<1
Area 25 L400W-150S	<5	<0.5	126	349	40	<1	28	<1	16	<1
Area 25 L300W-0N-A	9	35.5	88	584	2230	<1	23	<1	169	2
Area 25 L100W-150N-A	8	31.0	80	586	1190	<1	21	<1	165	2
*Dup Area 25 L0-150N	<5	<0.5	12	198	670	<1	<1	<1	44	<1
*Dup Area 25 L0-150S	<5	3.3	19	142	70	<1	5	<1	123	<1
*Dup Area 25 L100W-125S	6	<0.5	70	561	40	<1	17	<1	47	<1
*Dup Area 25 L200W-100S	<5	<0.5	83	356	190	<1	18	<1	34	<1
*Dup Area 25 L300W- 75S	<5	3.1	105	221	120	<1	25	<1	108	<1
*Dup Area 25 L400W- 50S	<5	60.6	77	343	70	<1	22	<1	86	<1
*Std MMISRM14	44	<0.5	11	297	100	47	2	<1	276	<1
*Std MMISRM14	44	<0.5	10	255	100	44	2	<1	316	<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 25 L0-150N	<5	3	<1	660	<1	<1	10	2.5	48	<0.5
Area 25 L0-125N	10	10	<1	470	<1	2	<10	6.2	202	<0.5
Area 25 L0-100N	11	18	<1	540	<1	3	<10	7.6	6	<0.5
Area 25 L0-75N	11	11	<1	430	<1	2	<10	3.0	20	<0.5
Area 25 L0-50N	<5	4	<1	690	<1	1	<10	1.7	<3	<0.5
Area 25 L0-25N	<5	12	<1	480	<1	2	<10	4.0	4	<0.5
Area 25 L0-0N	8	42	<1	590	<1	8	<10	6.4	6	<0.5
Area 25 L0- 25S	25	35	<1	660	<1	8	<10	4.1	250	<0.5
Area 25 L0- 50S	30	8	2	30	1	2	<10	9.2	6340	<0.5
Area 25 L0- 75S	33	9	2	150	<1	2	<10	13.8	4650	0.6
Area 25 L0-100S	50	9	6	100	2	2	<10	14.8	10900	0.6
Area 25 L0-125S	42	21	<1	670	<1	6	<10	35.6	153	0.6
Area 25 L0-150S	23	5	<1	80	<1	1	<10	5.3	821	<0.5
Area 25 L100W-150N	<5	5	<1	610	<1	<1	<10	1.0	22	<0.5
Area 25 L100W-125N	<5	7	<1	740	<1	1	<10	0.8	18	<0.5
Area 25 L100W-100N	<5	12	<1	610	<1	2	<10	1.1	26	<0.5
Area 25 L100W-75N	<5	8	<1	610	<1	1	<10	0.5	17	<0.5
Area 25 L100W-50N	<5	10	<1	650	<1	2	<10	1.1	33	<0.5
Area 25 L100W-25N	6	14	<1	620	<1	2	<10	2.2	57	<0.5
Area 25 L100W-0N	25	15	<1	580	<1	3	<10	3.5	181	<0.5
Area 25 L100W- 25S	29	3	<1	110	<1	<1	<10	7.6	2530	<0.5
Area 25 L100W- 50S	26	51	<1	390	<1	7	<10	14.9	1210	<0.5
Area 25 L100W- 75S	7	25	<1	450	<1	4	<10	17.5	10	<0.5
Area 25 L100W-100S	<5	27	<1	480	<1	4	<10	5.9	4	<0.5
Area 25 L100W-125S	<5	21	<1	690	<1	3	<10	4.2	4	<0.5
Area 25 L100W-150S	5	25	<1	800	<1	5	<10	6.9	6	<0.5
Area 25 L200W-150N	<5	2	<1	650	<1	<1	<10	<0.5	22	<0.5
Area 25 L200W-125N	<5	2	<1	540	<1	<1	<10	<0.5	21	<0.5
Area 25 L200W-100N	<5	1	<1	550	<1	<1	<10	<0.5	39	<0.5
Area 25 L200W-75N	7	7	<1	590	<1	1	<10	1.7	93	<0.5
Area 25 L200W-50N	52	31	4	550	<1	5	<10	32.7	6880	0.6
Area 25 L200W-25N	18	17	<1	480	<1	3	<10	11.2	1000	<0.5
Area 25 L200W-0N	59	56	<1	310	<1	9	<10	21.8	1900	<0.5
Area 25 L200W- 25S	39	3	1	120	<1	<1	<10	11.6	4900	<0.5
Area 25 L200W- 50S	11	56	<1	230	<1	7	<10	2.0	12	<0.5
Area 25 L200W- 75S	22	30	<1	700	<1	5	<10	18.1	313	1.4
Area 25 L200W-100S	7	30	<1	530	<1	6	<10	4.3	<3	<0.5
Area 25 L200W-125S	14	35	<1	440	<1	6	<10	1.6	6	1.1
Area 25 L200W-150S	13	1	<1	260	<1	<1	<10	4.6	445	<0.5
Area 25 L300W-150N	<5	1	<1	430	<1	<1	<10	<0.5	22	<0.5
Area 25 L300W-125N	<5	3	<1	560	<1	<1	<10	<0.5	19	<0.5
Area 25 L300W-100N	<5	3	<1	430	<1	<1	<10	<0.5	25	<0.5
Area 25 L300W-75N	84	104	<1	<10	<1	22	<10	14.1	170	<0.5
Area 25 L300W-50N	47	5	3	60	<1	1	<10	9.1	6950	<0.5
Area 25 L300W-25N	20	3	<1	10	<1	<1	<10	5.6	857	<0.5
Area 25 L300W-0N	20	5	<1	80	<1	1	<10	7.9	1970	<0.5
Area 25 L300W- 25S	61	10	4	70	3	2	<10	33.4	10500	0.9
Area 25 L300W- 50S	16	2	1	140	<1	<1	<10	8.0	4120	<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 25 L300W- 75S	14	27	<1	250	<1	4	<10	11.3	701	<0.5
Area 25 L300W-100S	<5	36	<1	370	<1	5	<10	6.1	18	0.6
Area 25 L300W-125S	88	3	4	390	<1	<1	<10	17.6	10100	1.4
Area 25 L300W-150S	38	93	<1	540	<1	13	<10	39.9	2140	<0.5
Area 25 L400W-150N	34	24	<1	130	<1	4	<10	19.8	2360	<0.5
Area 25 L400W-125N	5	32	<1	790	<1	4	<10	4.7	49	<0.5
Area 25 L400W-100N	<5	1	<1	400	<1	<1	<10	<0.5	22	<0.5
Area 25 L400W-75N	13	27	<1	180	<1	4	<10	13.0	1010	<0.5
Area 25 L400W-50N	5	5	<1	640	<1	<1	<10	2.0	92	<0.5
Area 25 L400W-25N	19	4	<1	70	<1	<1	<10	10.5	1610	<0.5
Area 25 L400W-0N	39	6	2	50	<1	1	<10	5.7	9780	0.7
Area 25 L400W- 25S	31	7	<1	40	<1	2	<10	8.3	2360	<0.5
Area 25 L400W- 50S	28	17	<1	80	2	3	<10	16.1	3780	<0.5
Area 25 L400W- 75S	21	3	1	70	<1	<1	<10	6.4	2690	<0.5
Area 25 L400W-100S	28	4	2	170	<1	<1	<10	17.4	4020	0.5
Area 25 L400W-125S	61	43	<1	20	<1	7	<10	16.8	1520	<0.5
Area 25 L400W-150S	10	26	<1	300	<1	3	<10	11.1	94	<0.5
Area 25 L300W-0N-A	84	19	7	320	2	3	<10	34.7	11600	1.3
Area 25 L100W-150N-A	78	19	5	270	2	3	<10	33.7	10400	1.1
*Dup Area 25 L0-150N	<5	<1	<1	520	<1	<1	<10	1.6	52	<0.5
*Dup Area 25 L0-150S	23	4	<1	70	<1	1	<10	5.4	979	<0.5
*Dup Area 25 L100W-125S	5	NVL	<1	680	<1	1	<10	4.3	4	<0.5
*Dup Area 25 L200W-100S	8	21	<1	530	<1	4	<10	3.4	7	<0.5
*Dup Area 25 L300W- 75S	15	23	<1	230	<1	4	<10	11.5	788	<0.5
*Dup Area 25 L400W- 50S	28	16	<1	100	2	2	<10	19.1	3830	<0.5
*Std MMISRM14	6	3	<1	500	<1	<1	<10	16.1	<3	<0.5
*Std MMISRM14	7	3	<1	550	<1	<1	<10	15.1	<3	<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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Final : 096156 Order: Project: Penh

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 25 L0-150N	<1	2	8	<1	1350	<5
Area 25 L0-125N	4	<1	61	5	410	11
Area 25 L0-100N	10	<1	84	9	60	14
Area 25 L0-75N	36	<1	70	7	120	13
Area 25 L0-50N	1	<1	37	4	70	<5
Area 25 L0-25N	4	<1	47	2	20	<5
Area 25 L0-0N	15	<1	194	19	500	11
Area 25 L0- 25S	4	<1	274	24	1170	9
Area 25 L0- 50S	4	1	51	5	430	39
Area 25 L0- 75S	4	1	73	9	1080	43
Area 25 L0-100S	4	2	42	4	760	77
Area 25 L0-125S	10	<1	222	22	3040	20
Area 25 L0-150S	2	<1	37	5	300	14
Area 25 L100W-150N	1	<1	27	2	550	<5
Area 25 L100W-125N	1	<1	50	4	800	<5
Area 25 L100W-100N	3	<1	69	5	570	6
Area 25 L100W-75N	2	<1	46	3	770	<5
Area 25 L100W-50N	4	<1	71	5	570	6
Area 25 L100W-25N	11	<1	82	6	920	11
Area 25 L100W-0N	9	<1	119	9	270	8
Area 25 L100W- 25S	2	<1	26	5	330	18
Area 25 L100W- 50S	6	<1	163	12	1910	24
Area 25 L100W- 75S	4	<1	91	7	80	17
Area 25 L100W-100S	10	<1	95	7	40	7
Area 25 L100W-125S	16	<1	69	6	70	10
Area 25 L100W-150S	11	<1	109	10	<20	10
Area 25 L200W-150N	<1	<1	12	<1	390	<5
Area 25 L200W-125N	<1	<1	11	<1	310	<5
Area 25 L200W-100N	<1	<1	7	<1	1060	<5
Area 25 L200W-75N	2	<1	45	3	360	8
Area 25 L200W-50N	6	1	114	10	1070	85
Area 25 L200W-25N	2	<1	99	9	210	18
Area 25 L200W-0N	3	<1	268	19	2920	36
Area 25 L200W- 25S	4	<1	22	5	250	51
Area 25 L200W- 50S	5	<1	217	15	30	<5
Area 25 L200W- 75S	4	1	125	11	8540	33
Area 25 L200W-100S	8	<1	160	15	130	10
Area 25 L200W-125S	12	<1	177	15	100	6
Area 25 L200W-150S	1	<1	7	2	40	14
Area 25 L300W-150N	<1	<1	<5	<1	570	<5
Area 25 L300W-125N	<1	<1	21	2	500	<5
Area 25 L300W-100N	<1	<1	21	2	960	<5
Area 25 L300W-75N	14	<1	950	75	240	20
Area 25 L300W-50N	3	1	46	6	420	36
Area 25 L300W-25N	3	<1	23	4	250	18
Area 25 L300W-0N	4	<1	43	5	300	23
Area 25 L300W- 25S	9	3	49	5	210	127
Area 25 L300W- 50S	2	<1	10	2	550	26

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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 25 L300W- 75S	5	<1	99	6	60	19
Area 25 L300W-100S	18	<1	116	6	30	8
Area 25 L300W-125S	5	2	13	4	4040	60
Area 25 L300W-150S	8	<1	280	23	190	90
Area 25 L400W-150N	6	1	97	9	100	53
Area 25 L400W-125N	11	<1	89	5	90	7
Area 25 L400W-100N	1	<1	8	<1	430	<5
Area 25 L400W-75N	6	<1	81	6	110	24
Area 25 L400W-50N	5	<1	27	2	190	<5
Area 25 L400W-25N	4	<1	27	4	130	26
Area 25 L400W-0N	1	1	30	5	1540	25
Area 25 L400W- 25S	4	<1	64	6	140	27
Area 25 L400W- 50S	4	<1	47	3	80	149
Area 25 L400W- 75S	3	<1	30	4	270	24
Area 25 L400W-100S	4	1	31	3	120	52
Area 25 L400W-125S	8	<1	155	12	40	44
Area 25 L400W-150S	8	<1	84	6	70	12
Area 25 L300W-0N-A	8	3	89	7	610	119
Area 25 L100W-150N-A	8	2	83	8	490	118
*Dup Area 25 L0-150N	<1	<1	6	<1	1430	<5
*Dup Area 25 L0-150S	2	<1	35	4	280	15
*Dup Area 25 L100W-125S	22	<1	49	4	30	11
*Dup Area 25 L200W-100S	6	<1	136	14	170	10
*Dup Area 25 L300W- 75S	6	<1	94	6	80	20
*Dup Area 25 L400W- 50S	5	2	45	3	120	159
*Std MMISRM14	34	<1	8	<1	380	9
*Std MMISRM14	31	<1	8	<1	330	12
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5

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