



ALS Canada Ltd.
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 www.alsglobal.com/geochemistry

To: PLAINVIEW GEOSCIENCE
 105 GRANITE ST
 WHITEHORSE YT Y1A 2V8

Page: 1
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2023
 This copy reported on
 15-SEP-2023
 Account: GEOPLAIN

CERTIFICATE WH23247722

Project: Big Ray

This report is for 25 samples of Soil submitted to our lab in Whitehorse, YT, Canada on 30-AUG-2023.

The following have access to data associated with this certificate:

CHRIS ARSENAULT		
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	36 Element Aqua Regia ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS WH23247722

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ST067851		0.45	0.005	0.2	2.27	9	10	130	0.6	5	0.35	<0.5	12	47	41	3.51
ST067852		0.20	0.005	<0.2	2.74	11	10	140	0.7	2	0.24	<0.5	12	45	29	3.63
ST067853		0.33	0.004	0.3	2.05	6	<10	140	0.8	4	0.50	<0.5	11	51	41	3.04
ST067854		0.34	0.001	0.4	2.75	8	10	210	1.2	<2	0.79	<0.5	11	36	38	3.25
ST067855		0.27	0.003	<0.2	3.04	11	10	120	0.7	<2	0.21	<0.5	11	37	22	3.58
ST067856		0.34	0.004	<0.2	2.34	7	10	120	0.5	<2	0.28	<0.5	11	35	18	3.11
ST067857		0.20	0.006	0.2	3.06	12	10	100	0.7	<2	0.17	<0.5	11	38	22	3.75
ST067858		0.51	0.007	0.2	2.18	7	10	190	0.8	2	0.43	<0.5	13	51	88	3.51
ST067859		0.39	0.008	<0.2	2.32	6	10	190	0.7	2	0.52	<0.5	15	54	63	3.65
ST067860		0.52	0.005	0.4	2.25	9	10	280	0.9	2	0.63	<0.5	15	53	105	3.82
ST067861		0.51	0.007	0.6	2.55	15	10	410	1.7	3	0.74	0.7	24	66	270	5.25
ST067862		0.62	0.004	0.7	2.14	15	10	250	1.3	<2	0.60	1.1	20	89	255	4.51
ST067863		0.64	0.003	0.6	2.77	10	10	510	1.9	3	0.80	0.8	22	66	164	5.74
ST067864		0.62	0.008	0.3	2.05	7	<10	170	0.8	3	0.43	0.6	15	50	86	3.42
ST067865		0.55	0.004	<0.2	2.55	9	10	170	0.8	<2	0.23	<0.5	13	55	37	3.46
ST067866		0.54	0.004	0.6	2.28	6	<10	210	0.9	5	0.44	0.5	12	59	140	3.37
ST067867		0.57	0.003	0.6	2.47	7	<10	210	0.9	7	0.44	<0.5	15	73	112	3.67
ST067868		0.55	0.003	0.3	2.77	10	10	200	0.8	2	0.30	0.6	15	59	61	3.98
ST067869		0.53	0.002	<0.2	2.92	11	10	190	0.7	2	0.21	<0.5	11	47	25	3.65
ST067870		0.50	0.006	0.2	2.98	32	10	180	0.9	<2	0.36	<0.5	15	58	46	3.74
ST067871		0.45	0.002	<0.2	3.36	12	10	140	0.8	<2	0.21	<0.5	13	44	23	3.58
ST067872		0.43	0.003	<0.2	2.86	10	10	130	0.7	<2	0.22	<0.5	11	39	17	3.48
ST067873		0.46	0.014	<0.2	2.48	9	<10	110	0.6	<2	0.18	<0.5	11	37	19	3.45
ST067874		0.50	0.008	<0.2	2.23	9	10	120	0.5	<2	0.18	<0.5	9	34	17	3.74
A0570935		0.86	0.003	0.7	2.25	7	<10	120	1.0	2	1.22	<0.5	8	24	35	2.70



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CERTIFICATE OF ANALYSIS WH23247722

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		10	1	0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	2	1
ST067851		10	<1	0.09	10	20	0.75	464	8	0.02	30	770	16	0.02	<2	5
ST067852		10	<1	0.08	10	20	0.69	383	6	0.02	31	500	16	0.02	<2	5
ST067853		10	<1	0.09	10	20	0.68	563	7	0.02	29	890	11	0.02	<2	5
ST067854		10	<1	0.07	20	20	0.60	652	7	0.02	24	980	17	0.06	<2	4
ST067855		10	<1	0.07	10	20	0.50	504	2	0.02	27	970	26	0.06	<2	4
ST067856		10	<1	0.05	10	10	0.54	372	1	0.02	26	500	12	0.02	<2	4
ST067857		10	<1	0.06	10	20	0.49	576	2	0.02	23	910	21	0.07	<2	3
ST067858		10	<1	0.13	10	20	0.77	524	30	0.02	35	900	14	0.02	<2	5
ST067859		10	<1	0.19	10	20	0.93	645	6	0.03	38	1370	9	0.02	<2	6
ST067860		10	<1	0.14	20	20	0.92	649	15	0.02	43	1450	13	0.02	<2	9
ST067861		10	<1	0.24	20	30	1.06	1170	34	0.02	84	1600	22	0.02	<2	9
ST067862		10	<1	0.09	20	20	0.81	935	46	0.02	85	1380	18	0.04	2	6
ST067863		10	<1	0.35	40	30	1.27	1180	12	0.01	64	1940	22	0.02	2	9
ST067864		10	<1	0.11	10	20	0.83	607	3	0.02	42	1220	23	0.01	<2	5
ST067865		10	<1	0.12	10	20	0.87	518	1	0.02	34	550	8	0.01	<2	6
ST067866		10	<1	0.13	10	20	0.88	455	5	0.02	40	1060	18	0.02	<2	6
ST067867		10	<1	0.17	10	30	1.09	642	5	0.02	48	970	61	0.01	2	6
ST067868		10	<1	0.10	10	30	0.80	553	8	0.02	46	970	23	0.02	<2	5
ST067869		10	<1	0.06	10	20	0.61	343	3	0.02	28	330	11	0.01	2	5
ST067870		10	<1	0.08	10	30	0.85	497	4	0.02	40	880	12	0.01	<2	5
ST067871		10	<1	0.07	10	20	0.61	345	2	0.02	30	450	10	0.01	<2	5
ST067872		10	<1	0.05	10	20	0.61	394	2	0.02	26	470	13	0.02	2	4
ST067873		10	<1	0.05	10	20	0.53	383	5	0.01	26	430	34	0.03	<2	3
ST067874		10	<1	0.04	10	20	0.43	303	2	0.01	19	380	14	0.02	<2	3
A0570935		10	<1	0.08	30	30	0.50	360	10	0.02	16	870	12	0.07	<2	4

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Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr	Th	Ti	Tl	U	V	W	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		1	20	0.01	10	10	1	10	2
ST067851		25	<20	0.15	<10	<10	97	<10	65
ST067852		20	<20	0.13	<10	<10	90	<10	63
ST067853		38	<20	0.08	<10	<10	75	<10	68
ST067854		62	<20	0.08	<10	<10	73	<10	73
ST067855		19	<20	0.10	<10	<10	79	<10	60
ST067856		23	<20	0.13	<10	<10	79	<10	52
ST067857		17	<20	0.09	<10	<10	78	<10	75
ST067858		25	<20	0.15	<10	<10	103	10	72
ST067859		28	<20	0.19	<10	<10	92	10	78
ST067860		41	<20	0.15	<10	<10	97	30	88
ST067861		35	<20	0.12	<10	<10	157	40	126
ST067862		29	<20	0.09	<10	<10	147	20	107
ST067863		39	<20	0.10	<10	<10	149	10	138
ST067864		22	<20	0.13	<10	<10	97	20	78
ST067865		17	<20	0.14	<10	<10	98	<10	66
ST067866		27	<20	0.14	<10	<10	101	10	77
ST067867		29	<20	0.15	<10	<10	107	30	95
ST067868		20	<20	0.13	<10	<10	102	<10	85
ST067869		20	<20	0.12	<10	<10	88	<10	56
ST067870		24	<20	0.14	<10	<10	91	<10	69
ST067871		18	<20	0.12	<10	<10	74	<10	56
ST067872		20	<20	0.11	<10	<10	75	<10	58
ST067873		16	<20	0.10	<10	<10	75	<10	66
ST067874		19	<20	0.11	<10	<10	91	<10	55
A0570935		92	<20	0.05	<10	60	51	<10	62

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