



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAINY RIVER RESOURCES LTD.  
 1 RICHMOND STREET WEST  
 SUITE 701  
 TORONTO ON M5H 3W4

Page: 1  
 Finalized Date: 1-DEC-2011  
 Account: RRTPK

**CERTIFICATE TB11230380**

Project: TPK  
 P.O. No.:  
 This report is for 31 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 2-NOV-2011.  
 The following have access to data associated with this certificate:  
 RACHEL GHENT                      DARRELL HYDE                      KERRY SPARKES

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: RAINY RIVER RESOURCES LTD.  
 ATTN: KERRY SPARKES  
 1 RICHMOND STREET WEST  
 SUITE 701  
 TORONTO ON M5H 3W4

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.

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS TB11230380**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au g/t	Au g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
L753873		2.48	0.405		0.47	6.30	57.9	820	1.63	3.70	0.08	<0.02	28.1	16.0	9	19.00
L753874		1.95	0.116		0.11	7.27	150.5	1280	2.54	0.91	0.23	3.51	110.0	6.9	8	26.6
L753875		1.17	0.058		0.87	2.24	132.5	290	1.37	2.25	0.19	0.54	19.00	0.7	21	2.18
L753876		1.56	1.180		0.45	5.91	344	880	1.75	0.34	0.13	0.33	104.0	1.3	17	2.60
L753877		2.03	1.510		0.94	5.53	235	840	1.52	0.18	0.08	0.19	58.4	0.5	14	2.76
L753878		1.66	2.56		0.65	5.48	32.0	910	1.18	0.19	0.10	0.10	111.5	0.5	15	2.51
L753879		1.65	1.075		0.40	5.77	6420	1090	2.33	0.97	0.08	0.02	38.7	5.3	9	17.60
L753880		2.43	1.030		0.82	6.22	882	720	2.36	2.35	0.24	0.02	7.28	6.2	16	9.83
L753881		1.91	0.649		0.17	5.98	1530	460	5.09	0.75	0.91	0.03	15.60	7.4	11	6.63
L753882		1.49	0.163		0.47	6.29	792	460	3.13	2.54	0.74	<0.02	19.40	0.9	12	16.80
L753883		1.59	0.080		0.42	6.47	3710	1010	1.83	1.02	0.13	<0.02	29.5	4.7	9	17.45
L753884		1.50	0.018		0.08	5.35	60.6	580	2.05	0.17	0.17	0.04	262	1.7	14	8.37
L753885		1.85	0.051		0.35	6.10	315	460	2.98	0.97	0.83	0.14	89.9	9.8	13	29.2
L753886		1.33	0.133		0.06	5.52	179.5	880	1.33	0.16	0.11	0.02	66.7	2.5	17	10.65
L753887		1.91	0.429		0.39	6.29	2470	950	1.47	0.48	0.62	0.03	101.0	7.0	16	1.91
L753888		1.99	0.877		0.25	6.29	3610	980	1.64	9.35	0.93	<0.02	53.6	2.2	13	3.80
L753889		1.69	0.219		0.32	7.45	90.7	950	2.75	0.47	1.33	0.22	39.9	6.1	13	7.48
L753890		1.52	0.018		0.07	5.86	55.4	770	1.21	0.36	0.08	0.04	81.0	1.6	13	9.28
L753891		1.59	0.048		0.08	6.32	4240	1070	2.46	1.22	0.08	<0.02	7.53	14.7	8	14.55
L753892		1.68	0.178		0.25	6.54	12.2	880	2.02	6.74	0.13	<0.02	6.41	5.5	14	39.3
L753893		1.55	0.365		0.43	5.82	>10000	670	1.99	2.37	0.15	<0.02	47.1	21.9	8	16.10
L753894		1.99	0.098		0.14	5.75	248	920	1.68	0.26	0.12	<0.02	9.27	0.9	10	11.90
L753895		2.13	1.495		76.9	9.33	>10000	1080	3.34	201	0.05	0.04	72.3	5.9	6	27.1
L753896		1.52	0.901		0.20	5.68	641	810	2.50	0.65	0.13	0.03	14.10	7.7	11	11.90
L753897		1.37	0.047		0.20	5.35	1500	410	2.78	0.61	0.03	<0.02	52.1	1.3	7	13.40
L753898		1.84	3.91		>100	10.35	>10000	1070	3.57	590	0.07	0.11	109.0	13.1	4	30.3
L753899		1.34	0.725		0.94	4.47	71.4	180	2.73	1.55	1.11	<0.02	113.0	43.5	23	32.1
L753900		1.80	0.857		2.66	6.19	43.3	620	3.34	1.66	0.12	<0.02	13.95	1.5	13	42.5
L753901		1.67	>10.0	13.95	0.84	6.58	196.0	690	2.96	0.75	0.03	<0.02	9.64	1.0	8	41.2
L753902		1.83	0.213		0.37	5.72	1535	490	2.56	0.23	0.11	<0.02	84.9	3.3	7	9.38
L753903		2.26	0.792		1.13	5.35	4050	400	1.18	1.85	0.15	<0.02	3.54	17.2	15	12.30



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**CERTIFICATE OF ANALYSIS TB11230380**

Sample Description	Method Analyte Units LOR	ME-MS61 Cu ppm	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L753873		188.0	4.02	20.0	0.14	7.2	0.186	3.06	14.1	33.5	0.03	177	396	1.61	19.8	1.6
L753874		94.0	2.76	20.5	0.17	7.7	0.136	4.08	51.2	40.1	0.03	291	3.44	1.58	19.4	0.9
L753875		60.7	1.41	8.82	0.08	2.5	0.088	1.07	9.6	6.3	0.02	350	1.38	0.33	8.1	1.4
L753876		67.1	1.68	16.35	0.15	4.7	0.056	3.27	49.3	6.6	0.02	111	2.52	2.31	13.5	1.1
L753877		59.9	1.11	14.90	0.13	5.5	0.046	3.24	30.3	5.8	0.02	66	3.06	1.74	10.3	1.0
L753878		23.8	1.21	15.60	0.18	5.5	0.045	3.25	53.2	5.5	0.02	73	2.08	2.31	10.8	0.7
L753879		10.9	1.51	20.7	0.12	5.4	0.072	4.24	25.9	25.3	0.07	65	2.23	1.66	14.5	1.0
L753880		83.3	4.14	16.10	0.13	9.9	0.027	3.63	4.8	6.9	0.01	1220	9.26	2.27	40.5	1.5
L753881		68.8	1.58	17.90	0.10	6.8	0.020	1.60	7.6	15.9	0.02	256	1.99	2.64	16.8	1.1
L753882		76.4	2.19	20.0	0.11	7.3	0.094	2.03	12.5	22.8	0.03	633	2.37	2.48	19.4	2.0
L753883		70.0	2.34	19.95	0.14	5.6	0.033	4.65	16.6	18.6	0.02	106	1.32	1.31	16.5	1.1
L753884		56.6	1.41	16.55	0.33	5.9	0.024	3.23	124.5	11.1	0.02	251	1.37	2.33	13.7	1.2
L753885		249	2.54	17.25	0.19	6.4	0.392	2.41	44.3	27.4	0.03	652	2.26	1.71	15.2	1.0
L753886		16.5	1.20	16.70	0.17	6.6	0.014	3.47	33.1	14.1	0.02	88	2.00	2.32	17.1	1.0
L753887		5.5	2.26	16.40	0.20	5.9	0.014	3.07	51.2	20.1	0.25	273	1.41	2.46	12.5	3.9
L753888		3.1	1.95	16.95	0.16	6.5	0.046	3.23	28.7	14.5	0.27	195	2.04	2.42	6.7	2.8
L753889		5.5	2.63	15.60	0.17	5.7	0.035	4.30	21.2	22.6	0.48	260	1.58	2.38	13.4	5.8
L753890		65.5	2.31	18.35	0.19	6.8	0.063	3.34	39.9	24.4	0.02	170	2.30	1.91	17.2	1.3
L753891		23.5	2.63	21.3	0.11	7.5	0.040	3.53	6.9	38.9	0.03	160	3.85	0.86	20.0	1.1
L753892		82.1	3.54	21.9	0.14	6.3	0.108	3.26	3.3	42.2	0.02	331	7.29	1.00	17.6	1.0
L753893		142.5	2.65	18.10	0.14	6.2	0.048	3.21	27.8	27.1	0.02	122	1.94	0.70	17.8	0.8
L753894		27.3	1.56	16.30	0.09	6.4	0.049	4.28	5.2	7.5	0.02	80	3.41	0.94	15.6	1.1
L753895		1.9	3.79	27.4	0.18	9.8	0.101	5.42	34.7	24.4	0.08	120	20.0	0.24	21.4	1.4
L753896		78.0	1.24	19.45	0.08	7.1	0.065	2.95	7.4	32.2	0.03	110	4.68	2.43	17.3	1.1
L753897		4.8	1.33	17.15	0.11	5.5	0.054	2.68	27.6	24.7	0.06	94	2.82	0.06	13.8	0.9
L753898		3.2	5.98	30.9	0.27	9.7	0.145	5.68	50.3	25.4	0.08	127	49.0	0.30	26.6	1.7
L753899		86.3	8.06	12.70	0.28	3.8	0.026	0.82	55.8	39.8	0.49	355	0.84	1.73	9.3	75.7
L753900		26.5	1.85	18.70	0.12	6.7	0.091	2.93	7.7	49.5	0.05	108	1.82	0.82	17.6	1.1
L753901		3.6	1.49	20.0	0.09	6.9	0.040	3.63	6.2	37.9	0.05	103	12.75	0.10	17.2	0.9
L753902		38.1	1.51	17.95	0.16	6.2	0.040	2.80	42.5	21.8	0.05	97	2.01	0.20	14.5	0.7
L753903		264	3.69	19.10	0.13	5.6	0.027	1.64	2.4	10.3	0.02	68	0.49	2.69	11.5	2.4

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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**CERTIFICATE OF ANALYSIS TB11230380**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
L753873		20	57.9	169.5	0.106	1.59	1.75	5.4	2	7.3	16.1	1.55	0.98	15.3	0.070	0.73
L753874		30	14.3	162.5	<0.002	0.87	0.65	5.8	1	4.4	33.8	1.53	0.07	17.6	0.067	0.94
L753875		20	50.2	70.2	<0.002	0.30	1.98	3.3	2	2.1	6.0	0.57	<0.05	6.1	0.026	0.19
L753876		30	20.2	122.5	<0.002	0.66	1.43	5.5	1	2.4	25.7	0.85	<0.05	13.4	0.060	0.45
L753877		30	14.8	119.5	<0.002	0.40	1.33	4.6	1	2.0	19.5	0.85	<0.05	14.0	0.040	0.47
L753878		40	13.2	112.0	<0.002	0.56	1.01	4.4	1	2.0	25.4	0.95	<0.05	14.3	0.038	0.44
L753879		70	15.1	156.0	<0.002	0.52	4.12	6.1	1	2.8	31.0	1.03	0.05	14.5	0.064	0.70
L753880		50	21.7	131.5	<0.002	1.98	3.62	2.0	1	2.6	40.0	4.15	0.34	20.3	0.145	0.86
L753881		30	6.9	76.4	<0.002	0.49	2.38	2.9	1	1.8	73.6	1.44	0.09	17.7	0.066	0.30
L753882		30	16.3	96.6	<0.002	0.37	1.02	5.4	1	5.5	87.8	1.58	0.06	13.0	0.068	0.45
L753883		30	17.2	160.0	<0.002	0.98	3.15	5.8	1	2.5	29.1	1.04	0.18	13.1	0.055	1.14
L753884		20	9.0	112.0	<0.002	0.32	0.78	4.6	2	1.2	31.5	1.13	<0.05	21.5	0.052	0.56
L753885		30	11.2	116.0	<0.002	0.40	0.81	4.6	2	5.0	44.3	1.28	0.14	14.5	0.062	0.62
L753886		20	11.0	124.0	<0.002	0.36	0.89	4.7	1	1.1	33.5	1.45	<0.05	15.6	0.051	0.59
L753887		360	10.8	117.0	<0.002	0.63	1.39	7.7	1	2.2	109.0	1.13	<0.05	14.4	0.192	0.60
L753888		340	14.2	118.5	<0.002	0.62	1.58	8.3	1	2.0	67.6	0.62	<0.05	12.3	0.167	0.51
L753889		500	31.5	126.5	<0.002	1.40	0.49	6.0	2	1.4	173.0	1.26	0.05	13.0	0.278	0.58
L753890		30	25.2	155.0	<0.002	0.44	0.39	5.6	2	4.4	17.5	1.44	<0.05	15.5	0.055	0.77
L753891		40	7.3	165.0	<0.002	0.45	1.75	5.8	1	3.3	19.8	1.63	0.14	13.7	0.060	0.67
L753892		20	11.8	175.0	<0.002	0.31	0.42	4.7	1	6.7	19.1	1.39	0.95	12.5	0.060	1.03
L753893		20	7.4	152.0	<0.002	1.00	5.50	4.8	1	2.7	18.1	1.38	0.31	15.9	0.054	0.72
L753894		30	10.5	161.0	<0.002	0.37	0.68	5.2	1	2.6	21.5	1.34	<0.05	13.3	0.053	0.67
L753895		120	211	190.0	<0.002	2.19	18.20	9.7	2	4.3	12.7	1.94	1.69	23.7	0.095	0.94
L753896		30	12.2	135.5	<0.002	0.23	0.96	5.6	1	4.7	32.4	1.52	<0.05	17.2	0.063	0.55
L753897		60	3.0	124.0	<0.002	0.19	1.48	5.2	1	3.2	4.2	1.09	0.05	14.6	0.061	0.42
L753898		120	349	172.5	<0.002	3.93	57.1	10.6	3	4.3	12.0	1.91	4.64	22.5	0.116	1.02
L753899		820	11.2	77.9	<0.002	4.34	2.06	5.1	1	1.9	113.0	0.84	0.11	11.6	0.111	0.35
L753900		30	14.7	173.0	<0.002	0.33	1.08	5.7	1	6.1	13.8	1.53	0.09	11.0	0.065	0.77
L753901		60	5.3	186.5	<0.002	0.17	1.10	6.8	1	2.2	5.4	1.48	0.07	11.6	0.071	0.91
L753902		50	5.1	123.5	<0.002	0.55	1.25	5.0	1	2.6	6.8	1.30	<0.05	15.2	0.061	0.44
L753903		20	7.9	75.7	<0.002	2.79	4.45	3.1	1	1.7	28.7	1.01	0.18	11.3	0.041	0.44



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Sample Description	Method Analyte Units LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1
L753873		3.1	1	3.7	12.8	35	237	
L753874		4.2	1	4.2	33.6	682	252	
L753875		1.5	1	1.9	8.4	154	86.7	
L753876		2.7	1	4.2	18.5	67	175.0	
L753877		3.5	1	2.9	13.2	55	187.5	
L753878		3.3	1	4.5	16.8	39	184.5	
L753879		3.2	2	6.9	11.3	8	191.0	
L753880		3.8	1	1.9	24.8	6	330	
L753881		3.6	1	1.2	11.7	11	231	
L753882		3.0	1	2.3	14.0	14	235	
L753883		2.5	1	3.9	13.4	10	170.5	
L753884		2.9	1	1.5	26.5	9	177.0	
L753885		3.3	1	2.8	25.1	41	208	
L753886		3.8	1	3.1	16.3	7	197.5	
L753887		4.0	16	2.9	22.1	17	215	
L753888		3.0	19	10.0	21.0	11	254	
L753889		3.4	27	9.7	19.2	44	207	
L753890		3.7	1	2.5	17.6	27	211	
L753891		3.1	1	6.2	7.9	11	226	
L753892		2.1	1	3.5	7.6	20	188.5	
L753893		4.0	1	4.7	16.4	13	184.5	
L753894		2.2	1	6.4	10.2	5	190.0	
L753895		5.1	3	6.3	12.2	12	293	
L753896		3.8	1	4.0	15.3	8	217	
L753897		3.0	1	5.2	11.2	10	181.0	
L753898		5.9	2	7.7	15.7	16	290	190
L753899		2.6	24	2.1	21.1	19	126.0	
L753900		1.8	1	5.1	9.3	10	198.0	
L753901		2.5	1	7.0	9.9	9	205	
L753902		3.7	1	4.4	17.2	7	190.0	
L753903		3.3	1	4.3	11.3	3	173.5	



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Project: TPK

**CERTIFICATE OF ANALYSIS TB11230380**

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.