



Australian Laboratory Services Pty. Ltd.

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No: 825, Corporate Site No: 23001.

QC CERTIFICATE AD16196319

Project: Pedirka Minerals

This report is for 43 Soil samples submitted to our lab in Adelaide, SA, Australia on
11-NOV-2016.

The following have access to data associated with this certificate:

BRETT ODOVONAN

TWEE VO

To: TRI-STAR PETROLEUM COMPANY
ATTN: TWEE VO
PO BOX 7128
RIVERSIDE CENTRE
BRISBANE QLD 4001

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 *****

Page: 1

Total # Pages: 3 (A - D)

Plus Appendix Pages

Finalized Date: 30-NOV-2016

Account: TRISTA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41L	Super Trace Lowest DL AR by ICP-MS
Au-TL43	Trace Level Au - 25g AR ICP-MS

Signature:

Cameron Brosnan, Laboratory Manager, Perth



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Page: 2 - A
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 30-NOV-2016
Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

Sample Description	Method Analyte Units LOR	Au-TL43	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01
STANDARDS															
GBM908-10			0.454	2.87	0.93	51.0	<10	98.0	0.27	1.030	0.65	1.650	85.7	14.25	22.6
Target Range - Lower Bound			0.401	2.70	0.85	49.5	<10	88.8	0.26	1.095	0.62	1.530	79.3	12.35	20.2
Upper Bound			0.491	3.30	1.06	60.5	30	121.5	0.34	1.345	0.79	1.870	97.0	15.15	24.8
GLG305-1		0.098													
Target Range - Lower Bound		0.086													
Upper Bound		0.118													
MRGeo08			0.0033	4.64	2.71	31.8	<10	438	0.83	0.652	1.09	2.22	77.2	20.2	95.4
Target Range - Lower Bound			0.0033	4.01	2.44	29.7	<10	381	0.72	0.612	1.00	2.02	66.2	17.10	82.3
Upper Bound			0.0045	4.91	3.00	36.3	20	517	0.90	0.750	1.24	2.47	81.0	20.9	100.5
OREAS 503b		0.688													
Target Range - Lower Bound		0.581													
Upper Bound		0.789													
OREAS 601			0.777	49.7	0.85	308	<10	127.5	0.57	22.5	1.01	6.54	44.4	4.71	44.5
Target Range - Lower Bound			0.696	44.5	0.73	274	<10	84.5	0.55	18.55	0.95	7.03	40.3	4.23	39.8
Upper Bound			0.852	54.3	0.92	336	20	115.5	0.69	22.7	1.19	8.59	49.3	5.17	48.6
OREAS-901			0.343	0.253	0.94	65.0	<10	82.2	4.04	4.17	0.09	0.053	79.7	69.6	21.7
Target Range - Lower Bound			0.306	0.247	0.88	59.4	<10	72.6	4.03	3.91	0.07	0.042	70.2	65.7	20.7
Upper Bound			0.374	0.305	1.10	72.6	30	99.4	4.95	4.79	0.12	0.054	85.8	80.3	25.3
OREAS-904		0.014													
Target Range - Lower Bound		0.011													
Upper Bound		0.018													
OREAS-H1			0.0133	0.919	1.96	1.63	<10	45.4	0.18	5.65	0.02	0.845	46.6	2.19	21.7
OREAS-H1			0.0088	0.825	1.95	1.74	<10	44.0	0.16	5.50	0.02	0.788	44.2	2.07	20.5
OREAS-H1			0.0091	0.865	1.99	1.77	<10	45.1	0.18	5.11	0.01	0.619	46.7	2.05	20.2
OREAS-H1			0.0081	0.896	2.03	1.41	<10	48.0	0.17	5.75	0.01	0.621	46.9	2.27	20.4
Target Range - Lower Bound			0.0106	0.814	1.82	1.43	<10	38.8	0.13	4.98	<0.01	0.755	42.4	2.12	19.25
Upper Bound			0.0134	0.998	2.24	1.77	20	53.6	0.19	6.09	0.03	0.925	51.8	2.60	23.6
ST-421		0.494													
Target Range - Lower Bound		0.390													
Upper Bound		0.530													



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Page: 2 - B
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 30-NOV-2016
Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

Sample Description	Method Analyte Units LOR	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.001	ME-MS41L Ga ppm 0.004	ME-MS41L Ge ppm 0.005	ME-MS41L Hf ppm 0.002	ME-MS41L Hg ppm 0.004	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.002	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 0.1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.001	ME-MS41L Nb ppm 0.002
STANDARDS																
GBM908-10		3540	2.60	4.51	0.104	0.649	0.029	0.027	0.41	45.1	5.7	0.49	282	66.4	0.122	0.495
Target Range - Lower Bound		3380	2.36	4.23	0.121	0.602	0.007	0.012	0.37	42.7	5.5	0.47	264	57.9	0.113	0.347
Upper Bound		3880	2.88	5.17	0.159	0.740	0.026	0.034	0.48	52.3	6.9	0.59	322	70.8	0.141	0.429
GLG305-1																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		638	3.57	10.50	0.180	0.708	0.054	0.147	1.25	37.5	32.4	1.11	413	15.00	0.343	0.994
Target Range - Lower Bound		587	3.23	8.77	0.161	0.658	0.047	0.137	1.12	31.3	29.6	1.03	382	13.15	0.310	0.844
Upper Bound		675	3.95	10.75	0.207	0.808	0.075	0.179	1.40	38.3	36.4	1.29	468	16.05	0.381	1.035
OREAS 503b																
Target Range - Lower Bound																
Upper Bound																
OREAS 601		1040	2.08	4.71	0.099	0.750	0.287	1.525	0.25	21.3	7.4	0.17	428	3.74	0.069	0.324
Target Range - Lower Bound		939	1.980	4.65	0.094	0.619	0.260	1.505	0.22	19.10	7.1	0.17	405	3.41	0.062	0.304
Upper Bound		1080	2.42	5.69	0.126	0.761	0.361	1.855	0.29	23.3	8.8	0.22	495	4.19	0.078	0.376
OREAS-901		1350	3.36	3.20	0.095	0.801	0.005	0.201	0.48	38.1	2.6	0.11	265	3.24	0.011	0.037
Target Range - Lower Bound		1340	3.33	2.83	0.094	0.510	0.010	0.184	0.45	34.3	2.5	0.10	264	2.90	0.009	0.053
Upper Bound		1540	4.07	3.47	0.126	0.628	0.030	0.236	0.57	41.9	3.3	0.15	322	3.56	0.015	0.069
OREAS-904																
Target Range - Lower Bound																
Upper Bound																
OREAS-H1		28.6	0.270	11.15	0.079	1.945	0.132	0.009	0.04	26.0	1.3	0.06	31.1	3.72	0.127	0.039
OREAS-H1		27.7	0.260	10.65	0.039	1.775	0.160	0.007	0.04	24.7	1.3	0.06	28.5	3.33	0.128	0.034
OREAS-H1		27.2	0.260	11.85	0.054	1.810	0.097	0.015	0.04	25.2	1.3	0.06	32.3	3.55	0.128	0.050
OREAS-H1		28.4	0.270	11.65	0.069	1.665	0.124	<0.005	0.04	25.3	1.3	0.06	33.6	3.70	0.128	0.030
Target Range - Lower Bound		26.0	0.258	9.72	0.053	1.625	0.115	<0.005	0.02	23.3	1.1	0.04	29.6	3.58	0.119	0.057
Upper Bound		30.0	0.318	11.90	0.080	1.995	0.165	0.026	0.06	28.5	1.7	0.09	36.4	4.40	0.147	0.074
ST-421																
Target Range - Lower Bound																
Upper Bound																



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Page: 2 - C
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 30-NOV-2016
Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.04	0.001	0.005	0.001	0.002	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01
STANDARDS																
GBM908-10		2200	0.082	2010	0.004	0.007	30.5	<0.001	0.35	1.440	1.950	0.6	1.56	32.2	<0.005	0.06
Target Range - Lower Bound		2030	0.076	1860	<0.001	0.003	26.5	<0.001	0.33	1.100	1.885	0.7	1.52	31.0	<0.005	0.02
Upper Bound		2480	0.096	2270	0.004	0.012	32.3	0.003	0.43	1.500	2.32	1.1	1.88	37.9	0.021	0.07
GLG305-1																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		707	0.101	1070	0.002	0.002	151.0	0.006	0.30	3.51	7.99	1.1	3.61	80.3	0.015	0.04
Target Range - Lower Bound		622	0.090	959	0.004	<0.002	132.5	0.006	0.27	2.84	6.83	0.8	3.05	72.3	<0.005	<0.01
Upper Bound		760	0.113	1175	0.008	0.006	161.5	0.010	0.35	3.86	8.35	1.3	3.75	88.3	0.024	0.04
OREAS 503b																
Target Range - Lower Bound																
Upper Bound																
OREAS 601		23.7	0.035	274	<0.001	<0.002	13.65	0.001	1.00	21.9	1.670	12.1	2.62	34.0	<0.005	16.15
Target Range - Lower Bound		21.7		255			14.40	<0.001	0.93	17.95	1.640	11.0	2.34	32.6	<0.005	13.85
Upper Bound		26.6		311			17.60	0.003	1.15	24.3	2.02	13.6	2.88	39.8	0.010	16.95
OREAS-901		32.7	0.054	13.40	<0.001	0.003	25.1	0.002	0.03	1.690	4.63	2.5	0.48	19.15	<0.005	0.04
Target Range - Lower Bound		31.2	0.052	13.15	<0.001	<0.002	21.5	<0.001	<0.01	1.245	4.99	2.3	0.51	18.90	<0.005	0.05
Upper Bound		38.2	0.066	16.05	0.005	0.007	26.3	0.004	0.05	1.695	6.11	3.0	0.65	23.1	0.010	0.10
OREAS-904																
Target Range - Lower Bound																
Upper Bound																
OREAS-H1		10.00	0.004	16.30	<0.001	0.005	5.33	0.001	0.02	3.01	1.770	1.8	6.79	5.19	<0.005	1.93
OREAS-H1		9.58	0.004	16.85	0.001	0.008	5.15	<0.001	0.02	2.92	1.795	1.8	6.26	5.32	<0.005	2.39
OREAS-H1		10.20	0.004	15.55	<0.001	<0.002	5.26	<0.001	0.02	2.86	1.755	2.4	6.35	5.49	<0.005	2.26
OREAS-H1		10.70	0.004	16.45	0.005	0.002	5.70	<0.001	0.02	2.93	1.720	2.0	6.14	5.87	<0.005	2.49
Target Range - Lower Bound		9.50	0.003	15.30	<0.001	<0.002	5.26	<0.001	<0.01	2.75	1.895	1.7	5.80	5.07	<0.005	2.24
Upper Bound		11.70	0.007	18.70	0.002	0.008	6.44	0.002	0.04	3.73	2.33	2.4	7.11	6.21	0.010	2.76
ST-421																
Target Range - Lower Bound																
Upper Bound																



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Page: 2 - D
Total # Pages: 3 (A - D)
Plus Appendix Pages
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Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

Sample Description	Method Analyte Units LOR	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
		Th	Ti	Ti	U	V	W	Y	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1
									0.01
STANDARDS									
GBM908-10		16.00	0.296	0.212	1.280	45.4	2.10	18.95	988
Target Range - Lower Bound		14.50	0.280	0.178	1.140	42.2	1.675	17.60	941
Upper Bound		17.75	0.344	0.245	1.400	51.8	2.27	21.5	1150
GLG305-1									
Target Range - Lower Bound									
Upper Bound									
MRGeo08		22.1	0.373	0.810	5.69	104.0	3.14	19.65	785
Target Range - Lower Bound		19.25	0.342	0.661	4.97	90.8	2.49	17.55	710
Upper Bound		23.5	0.420	0.899	6.09	111.0	3.37	21.5	868
OREAS 503b									
Target Range - Lower Bound									
Upper Bound									
OREAS 601		6.41	0.011	0.719	1.885	9.4	1.210	5.82	1280
Target Range - Lower Bound		6.03	0.008	0.627	1.740	8.2	0.900	5.28	1165
Upper Bound		7.37	0.013	0.853	2.14	10.3	1.220	6.46	1420
OREAS-901		8.64	0.007	0.346	6.24	21.4	1.015	17.50	18.3
Target Range - Lower Bound		8.22	0.006	0.287	5.25	18.4	0.818	16.90	18.1
Upper Bound		10.05	0.010	0.393	6.43	22.7	1.110	20.7	22.3
OREAS-904									
Target Range - Lower Bound									
Upper Bound									
OREAS-H1		20.3	0.044	0.045	2.83	24.0	0.019	4.48	4.0
OREAS-H1		19.55	0.043	0.044	2.64	22.9	0.036	4.26	3.7
OREAS-H1		18.55	0.048	0.052	2.69	22.7	0.023	4.26	3.3
OREAS-H1		18.85	0.050	0.053	2.61	24.9	0.016	4.31	4.7
Target Range - Lower Bound		18.00	0.040	0.040	2.47	22.7	0.113	4.19	4.0
Upper Bound		22.0	0.052	0.058	3.03	27.9	0.156	5.13	5.1
ST-421									
Target Range - Lower Bound									
Upper Bound									



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Page: 3 - A
Total # Pages: 3 (A - D)
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		Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		0.001	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005
BLANKS																
BLANK		0.002														
BLANK		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														
BLANK			<0.0002	<0.001	<0.01	0.01	<10	<0.5	<0.01	<0.001	<0.01	<0.001	<0.003	<0.001	0.02	<0.005
BLANK			<0.0002	<0.001	<0.01	<0.01	<10	<0.5	<0.01	0.001	<0.01	<0.001	<0.003	0.027	0.02	<0.005
BLANK			<0.0002	<0.001	<0.01	<0.01	<10	<0.5	<0.01	<0.001	<0.01	<0.001	<0.003	<0.001	<0.01	<0.005
BLANK			<0.0002	<0.001	<0.01	<0.01	<10	<0.5	<0.01	<0.001	<0.01	<0.001	<0.003	0.007	<0.01	<0.005
Target Range - Lower Bound			<0.0002	<0.001	<0.01	<0.01	<10	<0.5	<0.01	<0.001	<0.01	<0.001	<0.003	<0.001	<0.01	<0.005
Upper Bound			0.0004	0.002	0.02	0.02	20	1.0	0.02	0.002	0.02	0.002	0.006	0.002	0.02	0.010
DUPLICATES																
PMSLO10		0.003														
DUP		0.002														
Target Range - Lower Bound		<0.001														
Upper Bound		0.004														
PMSLO15			0.0004	0.005	0.73	1.66	<10	20.9	0.36	0.134	0.06	0.003	20.7	4.07	16.85	0.656
DUP			0.0016	0.003	0.75	1.72	<10	20.7	0.43	0.136	0.06	0.011	20.5	4.42	17.55	0.646
Target Range - Lower Bound			0.0008	0.003	0.69	1.60	<10	18.7	0.37	0.127	0.05	0.006	19.55	4.03	16.35	0.613
Upper Bound			0.0013	0.005	0.79	1.78	20	22.9	0.42	0.143	0.07	0.008	21.6	4.46	18.05	0.689
PMSLO30		0.001	0.0014	0.015	0.78	2.00	<10	51.3	0.35	0.098	0.90	0.027	15.70	3.12	15.95	0.628
DUP		0.001	<0.0002	0.008	0.67	1.45	<10	42.5	0.37	0.112	0.75	0.010	13.25	2.55	13.35	0.492
Target Range - Lower Bound		<0.001	0.0006	0.010	0.68	1.63	<10	42.9	0.33	0.099	0.77	0.017	13.75	2.69	13.90	0.527
Upper Bound		0.002	0.0010	0.013	0.77	1.82	20	50.9	0.39	0.111	0.88	0.020	15.20	2.98	15.40	0.593
PMSLO43		<0.001	<0.0002	0.010	1.45	2.09	<10	63.0	0.81	0.161	0.59	0.002	38.4	6.67	19.50	1.885
DUP		<0.001	<0.0002	0.009	1.34	2.16	<10	61.4	0.82	0.168	0.54	0.028	37.3	6.24	18.05	1.735
Target Range - Lower Bound		<0.001	<0.0002	0.008	1.32	2.01	<10	57.0	0.76	0.155	0.53	0.013	36.0	6.13	17.85	1.715
Upper Bound		0.002	0.0004	0.011	1.47	2.24	20	67.4	0.87	0.174	0.60	0.017	39.7	6.78	19.70	1.905

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Project: Pedirka Minerals

Page: 3 - B
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 30-NOV-2016
Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

Sample Description	Method Analyte Units LOR	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.001	ME-MS41L Ga ppm 0.004	ME-MS41L Ge ppm 0.005	ME-MS41L Hf ppm 0.002	ME-MS41L Hg ppm 0.004	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.002	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 0.1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.001	ME-MS41L Nb ppm 0.002
BLANK		BLANKS														
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		0.01	<0.001	<0.004	<0.005	<0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	0.01	0.001	<0.002
BLANK		0.01	<0.001	<0.004	0.006	<0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	<0.01	0.001	<0.002
BLANK		<0.01	<0.001	<0.004	<0.005	<0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002
BLANK		<0.01	<0.001	<0.004	<0.005	0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	<0.01	0.002	<0.002
Target Range - Lower Bound		<0.01	<0.001	<0.004	<0.005	<0.002	<0.004	<0.005	<0.01	<0.002	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002
Upper Bound		0.02	0.002	0.008	0.010	0.004	0.008	0.010	0.02	0.004	0.2	0.02	0.2	0.02	0.002	0.004
PMSL010		DUPLICATES														
DUP																
Target Range - Lower Bound																
Upper Bound																
PMSL015		7.75	1.570	2.96	0.021	0.152	0.019	<0.005	0.12	9.30	3.6	0.09	197.0	0.16	0.013	0.110
DUP		7.99	1.630	2.89	0.015	0.188	0.015	0.017	0.13	9.27	3.4	0.09	203	0.13	0.015	0.086
Target Range - Lower Bound		7.58	1.520	2.77	0.012	0.160	0.012	<0.005	0.11	8.82	3.2	0.08	190.0	0.13	0.012	0.091
Upper Bound		8.16	1.680	3.08	0.024	0.181	0.022	0.017	0.14	9.75	3.8	0.10	210	0.16	0.016	0.105
PMSL030		7.10	1.450	3.14	0.020	0.091	0.035	0.017	0.12	7.72	2.5	0.16	103.5	0.11	0.017	0.128
DUP		5.86	1.220	2.59	<0.005	0.085	0.028	0.020	0.10	6.75	2.2	0.14	84.4	0.11	0.016	0.101
Target Range - Lower Bound		6.24	1.265	2.72	0.007	0.082	0.025	0.013	0.09	6.87	2.1	0.13	89.2	0.09	0.015	0.107
Upper Bound		6.72	1.405	3.01	0.018	0.094	0.038	0.024	0.13	7.60	2.6	0.17	98.7	0.13	0.018	0.122
PMSL043		15.60	2.04	5.61	0.086	0.139	0.011	0.029	0.33	17.60	12.4	0.71	323	0.12	0.009	0.321
DUP		15.40	1.890	5.17	0.061	0.127	0.021	0.009	0.31	16.90	11.3	0.65	299	0.14	0.006	0.324
Target Range - Lower Bound		14.95	1.865	5.12	0.065	0.124	0.011	0.013	0.29	16.40	11.2	0.64	295	0.11	0.006	0.304
Upper Bound		16.05	2.06	5.66	0.082	0.142	0.021	0.025	0.35	18.10	12.5	0.72	327	0.15	0.009	0.341



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Project: Pedirka Minerals

Page: 3 - C
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 30-NOV-2016
Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

Sample Description	Method Analyte Units LOR	ME-MS41L Ni ppm 0.04	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.005	ME-MS41L Pd ppm 0.001	ME-MS41L Pt ppm 0.002	ME-MS41L Rb ppm 0.005	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.005	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.01	ME-MS41L Sr ppm 0.01	ME-MS41L Ta ppm 0.005	ME-MS41L Te ppm 0.01
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.04	<0.001	0.150	<0.001	0.003	0.008	<0.001	<0.01	0.007	0.005	0.2	0.02	<0.01	<0.005	0.04
BLANK		<0.04	<0.001	<0.005	<0.001	<0.002	<0.005	<0.001	<0.01	<0.005	<0.005	0.4	<0.01	<0.01	<0.005	<0.01
BLANK		<0.04	<0.001	0.031	0.002	<0.002	<0.005	<0.001	<0.01	<0.005	<0.005	<0.1	0.02	0.01	<0.005	<0.01
BLANK		<0.04	<0.001	0.022	0.001	<0.002	<0.005	<0.001	<0.01	<0.005	<0.005	0.1	<0.01	<0.01	<0.005	<0.01
Target Range - Lower Bound		<0.04	<0.001	<0.005			<0.005	<0.001	<0.01	<0.005	<0.005	<0.1	<0.01	<0.01	<0.005	<0.01
Upper Bound		0.08	0.002	0.010			0.010	0.002	0.02	0.010	0.010	0.2	0.02	0.02	0.010	0.02
DUPLICATES																
PMSL010																
DUP																
Target Range - Lower Bound																
Upper Bound																
PMSL015		4.15	0.013	6.11	0.004	<0.002	11.15	<0.001	<0.01	0.067	3.11	0.3	0.66	13.00	<0.005	0.03
DUP		4.40	0.013	5.55	<0.001	0.003	12.05	<0.001	<0.01	0.101	3.19	0.1	0.60	12.80	<0.005	<0.01
Target Range - Lower Bound		4.02	0.011	5.53	<0.001	<0.002	11.00	<0.001	<0.01	0.073	2.99	<0.1	0.59	12.25	<0.005	<0.01
Upper Bound		4.53	0.015	6.13	0.004	0.004	12.20	0.002	0.02	0.095	3.31	0.3	0.67	13.55	0.010	0.03
PMSL030		4.67	0.010	5.10	<0.001	0.003	9.82	<0.001	0.01	0.081	2.90	0.1	0.78	29.7	<0.005	<0.01
DUP		4.47	0.008	4.47	<0.001	<0.002	8.30	<0.001	0.01	0.052	2.46	<0.1	0.69	22.7	<0.005	<0.01
Target Range - Lower Bound		4.30	0.008	4.54	<0.001	<0.002	8.60	<0.001	<0.01	0.057	2.54	<0.1	0.69	24.9	<0.005	<0.01
Upper Bound		4.84	0.010	5.03	0.002	0.004	9.52	0.002	0.02	0.076	2.82	0.2	0.78	27.5	0.010	0.02
PMSL043		12.30	0.016	12.90	0.001	<0.002	21.6	<0.001	<0.01	0.099	3.67	<0.1	0.93	15.75	<0.005	<0.01
DUP		11.45	0.014	12.90	0.006	<0.002	20.0	0.002	<0.01	0.098	3.33	<0.1	0.86	15.60	<0.005	0.06
Target Range - Lower Bound		11.25	0.013	12.25	0.002	<0.002	19.75	<0.001	<0.01	0.086	3.32	<0.1	0.84	14.90	<0.005	0.02
Upper Bound		12.50	0.017	13.55	0.005	0.004	21.8	0.002	0.02	0.111	3.68	0.2	0.95	16.45	0.010	0.05



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Project: Pedirka Minerals

Page: 3 - D
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 30-NOV-2016
Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

Sample Description	Method Analyte Units LOR	ME-MS41L Th ppm 0.002	ME-MS41L Ti % 0.001	ME-MS41L Tl ppm 0.002	ME-MS41L U ppm 0.005	ME-MS41L V ppm 0.1	ME-MS41L W ppm 0.001	ME-MS41L Y ppm 0.003	ME-MS41L Zn ppm 0.1	ME-MS41L Zr ppm 0.01
BLANKS										
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Target Range - Lower Bound										
Upper Bound										
BLANK		<0.002	<0.001	<0.002	<0.005	<0.1	<0.001	<0.003	0.2	<0.01
BLANK		<0.002	<0.001	<0.002	<0.005	<0.1	0.002	<0.003	0.2	0.02
BLANK		0.002	<0.001	<0.002	<0.005	<0.1	0.015	<0.003	0.1	<0.01
BLANK		0.002	<0.001	0.003	<0.005	<0.1	0.008	<0.003	0.2	<0.01
Target Range - Lower Bound		<0.002	<0.001	<0.002	<0.005	<0.1	<0.001	<0.003	<0.1	<0.01
Upper Bound		0.004	0.002	0.004	0.010	0.2	0.002	0.006	0.2	0.02
DUPLICATES										
PMSL010										
DUP										
Target Range - Lower Bound										
Upper Bound										
PMSL015		5.85	0.017	0.077	0.519	34.8	0.048	5.77	14.6	5.94
DUP		5.81	0.015	0.065	0.485	35.0	0.025	5.91	15.5	6.03
Target Range - Lower Bound		5.54	0.014	0.064	0.472	33.1	0.033	5.55	14.2	5.53
Upper Bound		6.12	0.018	0.078	0.532	36.7	0.040	6.14	15.9	6.44
PMSL030		4.56	0.009	0.079	0.196	29.9	0.023	5.18	15.5	4.35
DUP		4.03	0.009	0.053	0.176	25.9	0.017	4.12	12.8	3.83
Target Range - Lower Bound		4.08	0.008	0.059	0.172	26.4	0.018	4.41	13.3	3.77
Upper Bound		4.51	0.010	0.073	0.200	29.4	0.023	4.89	15.0	4.41
PMSL043		7.81	0.023	0.118	0.471	38.3	0.080	9.81	32.4	4.98
DUP		7.42	0.023	0.124	0.448	36.3	0.086	9.18	28.7	5.16
Target Range - Lower Bound		7.23	0.021	0.110	0.432	35.3	0.076	9.02	28.9	4.68
Upper Bound		8.00	0.025	0.132	0.487	39.3	0.090	9.97	32.2	5.46



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Project: Pedirka Minerals

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 30-NOV-2016
Account: TRISTA

QC CERTIFICATE OF ANALYSIS AD16196319

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method:

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41L

ACCREDITATION COMMENTS

Applies to Method:

NATA Accredited. Corporate Accreditation No: 825, Corporate Site No: 23001. The Technical Signatory is Wendy Wong, Senior QC Chemist.
Au-TL43

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Perth located at 31 Denninup Way, Malaga, Australia. NATA Accreditation does not cover the performance of ALS Perth Sample Preparation which is processed at 79 Distinction Road, Wangara, WA, Australia
Au-TL43 ME-MS41L SCR-41

Applies to Method:

Processed at ALS Adelaide located at Unit 1, 1 Burma Road, Pooraka, Adelaide, SA, Australia.
LEV-01 LOG-22 WEI-21