

Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 2

Tel: [REDACTED]
Fax: [REDACTED]

Job No	ORD-06173
Sample Receipt Date	02/06/2015
Date Analysis Started	16/06/2015
Completion Date	19/06/2015
Turnaround Time	10
No of Samples	2
Purchase Order Number	PO1866
Quote Number	ECA-01585

Dear [REDACTED]

Analysis of your sample(s) is now complete and we have pleasure in enclosing the appropriate test report.

All analysis was completed within [REDACTED] unless otherwise specified. Any analysis that was subcontracted to a [REDACTED] is indicated by 'S'. Please refer to the table at the end of your test certificate for explanations of sample deviations.

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Should you have any queries regarding this report(s) or any part of our service, please contact Sales on +44(0)28 9446 6708 who will be happy to discuss your requirements.

Thank you for using [REDACTED] Services and we look forward to receiving your next samples.

Yours Sincerely

[REDACTED]

[REDACTED]
Lab Technician



Analytical Services

Test Certificate

Certificate: [Redacted]
Issue No: 2

Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
020619	DCS1	02/06/2015	N/A	Arsenic, Ultra-low Total as As	1.2	ug/l	Y	S	
			SAM016	BOD	<1	mg/l	Y	[Redacted]	
			N/A	Cadmium, Filtered as Cd	<0.0006	mg/l	Y	S	
			N/A	Chromium - Hexavalent	<0.005	mg/l	Y	S	
			N/A	Chromium III	<0.03	mg/l	N	S	
			N/A	Chromium, Filtered as Cr	<0.002	mg/l	Y	S	
			N/A	Copper, Filtered as Cu	<0.009	mg/l	Y	S	
			N/A	Iron, Filtered as Fe	0.52	mg/l	Y	S	
			N/A	Lead, Filtered as Pb	<0.006	mg/l	Y	S	
			N/A	Mercury, Filtered as Hg	<0.00010	mg/l	Y	S	
			N/A	Nickel, Filtered as Ni	<0.003	mg/l	Y	S	
			SAM004	pH	6.57	Units	Y	[Redacted]	
			SAM001	Suspended Solids	4	mg/l	Y	[Redacted]	
			N/A	Total Hardness as CaCO3	9.98	mg/l	Y	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc, Total as Zn	<0.018	mg/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

020620	DCS2	02/06/2015	N/A	Arsenic, Ultra-low Total as As	7.7	ug/l	Y	S	
			SAM016	BOD	<1	mg/l	Y	[Redacted]	
			N/A	Cadmium, Filtered as Cd	<0.0006	mg/l	Y	S	
			N/A	Chromium - Hexavalent	<0.005	mg/l	Y	S	
			N/A	Chromium III	<0.03	mg/l	N	S	
			N/A	Chromium, Filtered as Cr	<0.002	mg/l	Y	S	
			N/A	Copper, Filtered as Cu	<0.009	mg/l	Y	S	
			N/A	Iron, Filtered as Fe	<0.23	mg/l	Y	S	
			N/A	Lead, Filtered as Pb	<0.006	mg/l	Y	S	
			N/A	Mercury, Filtered as Hg	<0.00010	mg/l	Y	S	
			N/A	Nickel, Filtered as Ni	0.005	mg/l	Y	S	
			SAM004	pH	7.82	Units	Y	[Redacted]	
			SAM001	Suspended Solids	39	mg/l	Y	[Redacted]	
			N/A	Total Hardness as CaCO3	141	mg/l	Y	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc, Total as Zn	<0.018	mg/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

Sample Deviations Legend			
Results may be compromised if the following deviations apply			
Comment	C	Incorrect Container	‡
Container with Headspace provided	8	Insufficient sample volume	¢
BOD Overdiluted, therefore result indicative only	\$	BOD Underdiluted, therefore result indicative only	#
High Chloride concentration, COD could not be determined	§	Holding time exceeded due to sampled on date	@
Holding time exceeded in Lab	±	Holding time exceeded due to delayed instructions	&



Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 1

Dalradian Gold Ltd

Tel: [REDACTED]
Fax: [REDACTED]

Job No	ORD-06174
Sample Receipt Date	02/06/2015
Date Analysis Started	02/06/2015
Completion Date	15/06/2015
Turnaround Time	10
No of Samples	2
Purchase Order Number	PO1866
Quote Number	ECA-01585

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Analysis of your sample(s) is now complete and we have pleasure in enclosing the appropriate test report.

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Yours Sincerely

[REDACTED]

[REDACTED]
Lab Technician

Analytical Services

Test Certificate

Certificate: [Redacted]
Issue No: 1

Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
020621	DCS3	02/06/2015	N/A	Arsenic, Ultra-low Total as As	1.5	ug/l	Y	S	
			SAM016	BOD	<1	mg/l	Y	[Redacted]	
			N/A	Cadmium, Filtered as Cd	<0.0006	mg/l	Y	S	
			N/A	Chromium - Hexavalent	<0.005	mg/l	Y	S	
			N/A	Chromium III	<0.03	mg/l	N	S	
			N/A	Chromium, Filtered as Cr	<0.002	mg/l	Y	S	
			N/A	Copper, Filtered as Cu	<0.009	mg/l	Y	S	
			N/A	Iron, Filtered as Fe	0.52	mg/l	Y	S	
			N/A	Lead, Filtered as Pb	<0.006	mg/l	Y	S	
			N/A	Mercury, Filtered as Hg	<0.00010	mg/l	Y	S	
			N/A	Nickel, Filtered as Ni	<0.003	mg/l	Y	S	
			SAM004	pH	6.81	Units	Y	[Redacted]	
			SAM001	Suspended Solids	9	mg/l	Y	[Redacted]	
			N/A	Total Hardness as CaCO3	10.8	mg/l	Y	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc, Total as Zn	<0.018	mg/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

020622	DCS4	02/06/2015	N/A	Arsenic, Ultra-low Total as As	1.1	ug/l	Y	S	
			SAM016	BOD	1.28	mg/l	Y	[Redacted]	\$
			N/A	Cadmium, Filtered as Cd	<0.0006	mg/l	Y	S	
			N/A	Chromium - Hexavalent	<0.005	mg/l	Y	S	
			N/A	Chromium III	<0.03	mg/l	N	S	
			N/A	Chromium, Filtered as Cr	<0.002	mg/l	Y	S	
			N/A	Copper, Filtered as Cu	<0.009	mg/l	Y	S	
			N/A	Iron, Filtered as Fe	0.36	mg/l	Y	S	
			N/A	Lead, Filtered as Pb	<0.006	mg/l	Y	S	
			N/A	Mercury, Filtered as Hg	<0.00010	mg/l	Y	S	
			N/A	Nickel, Filtered as Ni	<0.003	mg/l	Y	S	
			SAM004	pH	6.79	Units	Y	[Redacted]	
			SAM001	Suspended Solids	9	mg/l	Y	[Redacted]	
			N/A	Total Hardness as CaCO3	16.2	mg/l	Y	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc, Total as Zn	<0.018	mg/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

Sample Deviations Legend			
Results may be compromised if the following deviations apply			
Comment	C	Incorrect Container	‡
Container with Headspace provided	8	Insufficient sample volume	¢
BOD Overdiluted, therefore result indicative only	\$	BOD Underdiluted, therefore result indicative only	#
High Chloride concentration, COD could not be determined	§	Holding time exceeded due to sampled on date	@
Holding time exceeded in Lab	±	Holding time exceeded due to delayed instructions	&



Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 1

Dalradian Gold Ltd

Tel: [REDACTED]
Fax: [REDACTED]

Job No	ORD-06172
Sample Receipt Date	02/06/2015
Date Analysis Started	02/06/2015
Completion Date	15/06/2015
Turnaround Time	10
No of Samples	2
Purchase Order Number	PO1866
Quote Number	ECA-01585

Dear [REDACTED],

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Yours Sincerely

[REDACTED]
Lab Technician

Test Certificate

Analytical Services

Certificate: [Redacted]
Issue No: 1

Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
[Redacted] 020617	DCS5	02/06/2015	N/A	Arsenic, Ultra-low Total as As	1.1	ug/l	Y	S	
			SAM016	BOD	1.1	mg/l	Y	[Redacted]	\$
			N/A	Cadmium, Filtered as Cd	<0.0006	mg/l	Y	S	
			N/A	Chromium - Hexavalent	<0.005	mg/l	Y	S	
			N/A	Chromium III	<0.03	mg/l	N	S	
			N/A	Chromium, Filtered as Cr	<0.002	mg/l	Y	S	
			N/A	Copper, Filtered as Cu	<0.009	mg/l	Y	S	
			N/A	Iron, Filtered as Fe	0.38	mg/l	Y	S	
			N/A	Lead, Filtered as Pb	<0.006	mg/l	Y	S	
			N/A	Mercury, Filtered as Hg	<0.00010	mg/l	Y	S	
			N/A	Nickel, Filtered as Ni	<0.003	mg/l	Y	S	
			SAM004	pH	6.88	Units	Y	[Redacted]	
			SAM001	Suspended Solids	< 3	mg/l	Y	[Redacted]	
			N/A	Total Hardness as CaCO3	16.3	mg/l	Y	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc, Total as Zn	<0.018	mg/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

[Redacted] 020618	DCS6	02/06/2015	N/A	Arsenic, Ultra-low Total as As	<1.0	ug/l	Y	S	
			SAM016	BOD	<1	mg/l	Y	[Redacted]	
			N/A	Cadmium, Filtered as Cd	<0.0006	mg/l	Y	S	
			N/A	Chromium - Hexavalent	<0.005	mg/l	Y	S	
			N/A	Chromium III	<0.03	mg/l	N	S	
			N/A	Chromium, Filtered as Cr	<0.002	mg/l	Y	S	
			N/A	Copper, Filtered as Cu	<0.009	mg/l	Y	S	
			N/A	Iron, Filtered as Fe	<0.23	mg/l	Y	S	
			N/A	Lead, Filtered as Pb	<0.006	mg/l	Y	S	
			N/A	Mercury, Filtered as Hg	<0.00010	mg/l	Y	S	
			N/A	Nickel, Filtered as Ni	<0.003	mg/l	Y	S	
			SAM004	pH	6.73	Units	Y	[Redacted]	
			SAM001	Suspended Solids	< 3	mg/l	Y	[Redacted]	
			N/A	Total Hardness as CaCO3	<3.20	mg/l	Y	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc, Total as Zn	<0.018	mg/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

Sample Deviations Legend			
Results may be compromised if the following deviations apply			
Comment	C	Incorrect Container	‡
Container with Headspace provided	8	Insufficient sample volume	¢
BOD Overdiluted, therefore result indicative only	\$	BOD Underdiluted, therefore result indicative only	#
High Chloride concentration, COD could not be determined	§	Holding time exceeded due to sampled on date	@
Holding time exceeded in Lab	±	Holding time exceeded due to delayed instructions	&



Monitoring and Testing Services

A copy of this certificate is available on [REDACTED]

Tel: [REDACTED]
Fax: [REDACTED]
Web: [REDACTED]
email: [REDACTED]

Customer	[REDACTED] Dalradian Gold Ltd [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Lab Report Ref. No.	[REDACTED]
Customer PO	PO1867	Date of Receipt	04/06/2015
Customer Ref	DCS3 - 02/06/15	Sampled On	02/06/2015
Ref 2		Date Testing Commenced	04/06/2015
Ref 3		Received or Collected	Courier: DPD
		Condition on Receipt	Acceptable
		Date of Report	17/06/2015
		Sample Type	Surface Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Arsenic (Dissolved)	177	ICPMS	7.069	ug/L	
BOD (Surface Water)	113	Electrometry	<2	mg/L	UKAS
Cadmium (Dissolved)	177	ICPMS	<0.09	ug/L	
Chromium (Dissolved)	177	ICPMS	1.017	ug/L	
Copper (Dissolved)	177	ICPMS	19.83	ug/L	
Hardness Total (Surface Water)	111	Colorimetry	25	mg/L CaCO3	UKAS
Iron (Dissolved)	177	ICPMS	1485	ug/L	
Lead (Dissolved)	177	ICPMS	0.381	ug/L	
Mercury (Dissolved)	178	ICPMS	<0.2	ug/L	
Nickel (Dissolved)	177	ICPMS	6.816	ug/L	
Oils, Fats & Grease	101	Solvent Extraction/ Gravimetry	<1	mg/L	
pH (Surface Water)	110	Electrometry	7.4	pH Units	UKAS
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	3	mg/L	
Zinc (Surface Water)	177	ICPMS	36.51	ug/L	UKAS

Signed : [REDACTED]

Date : 17/06/2015

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU (Drinking water) Regulations (SI 122 2014)

For bacterial analysis a result of 0 means none detected in volume examined

All organic results are analysed as received and all results are corrected for dry weight at 104 C

Results shall not be reproduced, except in full, without the approval of [REDACTED]

Results contained in this report relate only to the samples tested (P) : Presumptive Results

** : The test result for this parameter may be invalid as it has exceeded the recommended holding time (BS EN ISO 5667-3:2012)



Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 2

Dalradian Gold Ltd

Tel: [REDACTED]
Fax: [REDACTED]

Job No	ORD-06500
Sample Receipt Date	07/07/2015
Date Analysis Started	08/07/2015
Completion Date	22/07/2015
Turnaround Time	10
No of Samples	3
Purchase Order Number	PO1962
Quote Number	ECA-01585

Dear [REDACTED],

Analysis of your sample(s) is now complete and we have pleasure in enclosing the appropriate test report.

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Yours Sincerely

[REDACTED]
Lab Technician

Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 2

Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
[REDACTED] 021744	DCS4	07/07/2015	N/A	Arsenic (Dissolved)	< 1.0	ug/l	Y	S	
			SAM016U	BOD (U)	2.47	mg/l	N	[REDACTED]	\$
			N/A	Cadmium (Dissolved)	< 0.080	ug/l	Y	S	
			N/A	Chromium (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Chromium (Hexavalent)	< 20	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Copper (Dissolved)	1.1	ug/l	Y	S	
			N/A	Iron (Dissolved)	560	ug/l	N	S	
			N/A	Lead (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Mercury Dissolved CT	< 0.50	ug/l	Y	S	
			N/A	Nickel (Dissolved)	< 1.0	ug/l	Y	S	
			SAM001	Suspended Solids	13	mg/l	Y	[REDACTED]	
			N/A	Total Hardness as CAC03	30	mg/l	N	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc (Total)	6.7	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst
Comment:

[REDACTED] 021745	DCS5	07/07/2015	N/A	Arsenic (Dissolved)	< 1.0	ug/l	Y	S	
			SAM016U	BOD (U)	2.01	mg/l	N	[REDACTED]	\$
			N/A	Cadmium (Dissolved)	< 0.080	ug/l	Y	S	
			N/A	Chromium (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Chromium (Hexavalent)	< 20	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Copper (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Iron (Dissolved)	630	ug/l	N	S	
			N/A	Lead (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Mercury Dissolved CT	< 0.50	ug/l	Y	S	
			N/A	Nickel (Dissolved)	< 1.0	ug/l	Y	S	
			SAM004	pH	7.23	Units	Y	[REDACTED]	
			SAM001	Suspended Solids	14	mg/l	Y	[REDACTED]	
			N/A	Total Hardness as CAC03	31	mg/l	N	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc (Total)	8.8	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst
Comment:

[REDACTED] 021746	DCS6	07/07/2015	N/A	Arsenic (Dissolved)	< 1.0	ug/l	Y	S	
			SAM016U	BOD (U)	<1	mg/l	N	[REDACTED]	
			N/A	Cadmium (Dissolved)	< 0.080	ug/l	Y	S	
			N/A	Chromium (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Chromium (Hexavalent)	< 20	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Copper (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Iron (Dissolved)	< 20	ug/l	N	S	



Test Certificate

Analytical Services

Certificate: [REDACTED]
Issue No: 2

Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
[REDACTED] 021746	DCS6	07/07/2015	N/A	Lead (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Mercury Dissolved CT	< 0.50	ug/l	Y	S	
			N/A	Nickel (Dissolved)	< 1.0	ug/l	Y	S	
			SAM004	pH	5.89	Units	Y	[REDACTED]	
			SAM001	Suspended Solids	< 3	mg/l	Y	[REDACTED]	
			N/A	Total Hardness as CAC03	< 15	mg/l	N	S	
			N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc (Total)	4.7	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

Sample Deviations Legend			
Results may be compromised if the following deviations apply			
Comment	C	Incorrect Container	‡
Container with Headspace provided	⊗	Insufficient sample volume	⊘
BOD Overdiluted, therefore result indicative only	⌘	BOD Underdiluted, therefore result indicative only	#
High Chloride concentration, COD could not be determined	§	Holding time exceeded due to sampled on date	@
Holding time exceeded in Lab	±	Holding time exceeded due to delayed instructions	&



Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 1

Dalradian Gold Ltd

Tel: [REDACTED]
Fax: [REDACTED]

Job No	ORD-06651
Sample Receipt Date	28/07/2015
Date Analysis Started	28/07/2015
Completion Date	07/08/2015
Turnaround Time	7
No of Samples	5
Purchase Order Number	
Quote Number	ECA-01585

Dear [REDACTED],

Analysis of your sample(s) is now complete and we have pleasure in enclosing the appropriate test report.

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Yours Sincerely

[REDACTED]

[REDACTED]
Lab Technician

Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 1

Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
[REDACTED] 022262	DCS1	28/07/2015	N/A	Arsenic (Dissolved)	2.8	ug/l	Y	S	
			SAM016	BOD	1.49	mg/l	Y	[REDACTED]	8\$
			N/A	Cadmium (Dissolved)	6.9	ug/l	Y	S	
			N/A	Chromium (Dissolved)	4.7	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Chromium Hexavalent	< 20	ug/l	Y	S	
			N/A	Copper (Dissolved)	9.6	ug/l	Y	S	
			N/A	Iron (Dissolved)	1200	ug/l	N	S	
			N/A	Lead (Dissolved)	2.1	ug/l	Y	S	
			N/A	Mercury Dissolved CT	0.51	ug/l	Y	S	
			N/A	Nickel (Dissolved)	3.1	ug/l	Y	S	
			SAM004	pH	5.94	Units	Y	[REDACTED]	
			SAM001	Suspended Solids	9	mg/l	Y	[REDACTED]	
			N/A	Total Hardness	< 15	mg/l	N	S	
			N/A	TPH / Oil & Greases	< 1	mg/l	Y	S	
			N/A	Zinc (Total)	14	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst
Comment:

[REDACTED] 022263	DCS3	28/07/2015	N/A	Arsenic (Dissolved)	1.3	ug/l	Y	S	
			SAM016	BOD	1.42	mg/l	Y	[REDACTED]	8\$
			N/A	Cadmium (Dissolved)	0.45	ug/l	Y	S	
			N/A	Chromium (Dissolved)	4.6	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Chromium Hexavalent	< 20	ug/l	Y	S	
			N/A	Copper (Dissolved)	4.2	ug/l	Y	S	
			N/A	Iron (Dissolved)	1200	ug/l	N	S	
			N/A	Lead (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Mercury Dissolved CT	< 0.50	ug/l	Y	S	
			N/A	Nickel (Dissolved)	4.6	ug/l	Y	S	
			SAM004	pH	6.02	Units	Y	[REDACTED]	
			SAM001	Suspended Solids	16	mg/l	Y	[REDACTED]	
			N/A	Total Hardness	< 15	mg/l	N	S	
			N/A	TPH / Oil & Greases	< 1	mg/l	Y	S	
			N/A	Zinc (Total)	13	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst
Comment:

[REDACTED] 022264	DCS4	28/07/2015	N/A	Arsenic (Dissolved)	1.2	ug/l	Y	S	
			SAM016	BOD	1.95	mg/l	Y	[REDACTED]	8\$
			N/A	Cadmium (Dissolved)	0.6	ug/l	Y	S	
			N/A	Chromium (Dissolved)	5.8	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Chromium Hexavalent	< 20	ug/l	Y	S	
			N/A	Copper (Dissolved)	3.2	ug/l	Y	S	



Test Certificate

Analytical Services

Certificate: [Redacted]

Issue No: 1

Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
022264	DCS4	28/07/2015	N/A	Iron (Dissolved)	780	ug/l	N	S	
			N/A	Lead (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Mercury Dissolved CT	< 0.50	ug/l	Y	S	
			N/A	Nickel (Dissolved)	6.3	ug/l	Y	S	
			SAM004	pH	6.10	Units	Y	[Redacted]	
			SAM001	Suspended Solids	9	mg/l	Y	[Redacted]	
			N/A	Total Hardness	< 15	mg/l	N	S	
			N/A	TPH / Oil & Greases	< 1	mg/l	Y	S	
			N/A	Zinc (Total)	9.6	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

022265	DCS5	28/07/2015	N/A	Arsenic (Dissolved)	1.2	ug/l	Y	S	
			SAM016	BOD	2.04	mg/l	Y	[Redacted]	8\$
			N/A	Cadmium (Dissolved)	0.5	ug/l	Y	S	
			N/A	Chromium (Dissolved)	6.5	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Chromium Hexavalent	< 20	ug/l	Y	S	
			N/A	Copper (Dissolved)	3.2	ug/l	Y	S	
			N/A	Iron (Dissolved)	830	ug/l	N	S	
			N/A	Lead (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Mercury Dissolved CT	< 0.50	ug/l	Y	S	
			N/A	Nickel (Dissolved)	7.1	ug/l	Y	S	
			SAM004	pH	6.20	Units	Y	[Redacted]	
			SAM001	Suspended Solids	12	mg/l	Y	[Redacted]	
			N/A	Total Hardness	< 15	mg/l	N	S	
			N/A	TPH / Oil & Greases	< 1	mg/l	Y	S	
			N/A	Zinc (Total)	11	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst Comment:

022266	DCS6	28/07/2015	N/A	Arsenic (Dissolved)	< 1.0	ug/l	Y	S	
			SAM016	BOD	< 1	mg/l	Y	[Redacted]	8
			N/A	Cadmium (Dissolved)	0.43	ug/l	Y	S	
			N/A	Chromium (Dissolved)	6.9	ug/l	Y	S	
			N/A	Chromium (Trivalent)	< 20	ug/l	N	S	
			N/A	Chromium Hexavalent	< 20	ug/l	Y	S	
			N/A	Copper (Dissolved)	1.9	ug/l	Y	S	
			N/A	Iron (Dissolved)	< 20	ug/l	N	S	
			N/A	Lead (Dissolved)	< 1.0	ug/l	Y	S	
			N/A	Mercury Dissolved CT	< 0.50	ug/l	Y	S	
			N/A	Nickel (Dissolved)	8.3	ug/l	Y	S	
			SAM004	pH	5.91	Units	Y	[Redacted]	
			SAM001	Suspended Solids	< 3	mg/l	Y	[Redacted]	
			N/A	Total Hardness	< 15	mg/l	N	S	



Test Certificate

Analytical Services

Certificate: [REDACTED]

Issue No: 1

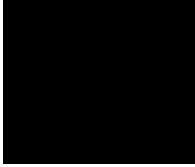
Lab Ref	Sample Details	Sample Date	Method No.	Test	Result	Units	ACC	Lab	Sample Deviations
[REDACTED] 022266	DCS6	28/07/2015	N/A	TPH / Oil & Greases	<1	mg/l	Y	S	
			N/A	Zinc (Total)	6.9	ug/l	Y	S	

Sample Matrix: Surface Water

Analyst
Comment:

Sample Deviations Legend			
Results may be compromised if the following deviations apply			
Comment	C		‡
Container with Headspace provided	⊘	Incorrect Container	‡
BOD Overdiluted, therefore result indicative only	\$	Insufficient sample volume	⊘
BOD Underdiluted, therefore result indicative only	§	BOD Underdiluted, therefore result indicative only	#
High Chloride concentration, COD could not be determined	±	Holding time exceeded due to sampled on date	@
Holding time exceeded in Lab	±	Holding time exceeded due to delayed instructions	&





Registered Address [Redacted]

[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

Dalradian Gold Ltd

[Redacted]
[Redacted]
[Redacted]

Tel: [Redacted]
Fax: [Redacted]



Attention : [Redacted]

Date : 14th September, 2015

Your reference :

Our reference : Test Report 15/10835 Batch 1

Location :

Date samples received : 31st July, 2015

Status : Final report

Issue : 1

Six samples were received for analysis on 31st July, 2015 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied. All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Compiled By:



[Redacted] **BSc**
Project Manager

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

JE Job No.: 15/10835

SOILS

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 (UKAS) accreditation applies to surface water and groundwater and one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

DEVIATING SAMPLES

Samples must be received in a condition appropriate to the requested analyses. All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. If this is not the case you will be informed and any test results that may be compromised highlighted on your deviating samples report.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

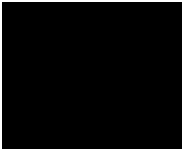
Please include all sections of this report if it is reproduced

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS) accredited - UK.
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
++	Result outside calibration range, results should be considered as indicative only and are not accredited.
*	Analysis subcontracted to a Jones Environmental approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

JE Job No: 15/10835

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM5	Modified USEPA 8015B method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) with carbon banding within the range C8-C40 GC-FID.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.	Yes			
TM30	Determination of Trace Metal elements by ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry). Modified US EPA Method 200.7	PM14	Analysis of waters and leachates for metals by ICP OES. Samples are filtered for dissolved metals and acidified if required.				
TM30	Determination of Trace Metal elements by ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry). Modified US EPA Method 200.7	PM14	Analysis of waters and leachates for metals by ICP OES. Samples are filtered for dissolved metals and acidified if required.	Yes			
TM36	Modified US EPA method 8015B. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID.	PM12	Modified US EPA method 5021. Preparation of solid and liquid samples for GC headspace analysis.	Yes			
TM37	Modified USEPA 160.2. Gravimetric determination of Total Suspended Solids. Sample is filtered and the resulting residue is dried and weighed.	PM0	No preparation is required.	Yes			
TM38	Soluble Ion analysis using the Thermo Aquakem Photometric Automatic Analyser. Modified US EPA methods 325.2, 375.4, 365.2, 353.1, 354.1	PM0	No preparation is required.				
TM58	Modified USEPA methods 405.1 and BS 5667-3. Measurement of Biochemical Oxygen Demand.	PM0	No preparation is required.	Yes			
TM61	Modified US EPA methods 245.7 and 200.7. Determination of Mercury by Cold Vapour Atomic Fluorescence.	PM38	Samples are brominated to reduce all mercury compounds to Mercury (II) which is analysed using method TM061.	Yes			
TM73	Modified US EPA methods 150.1 and 9045D. Determination of pH by Metrohm automated probe analyser.	PM0	No preparation is required.	Yes			
NONE	No Method Code	NONE	No Method Code				



Registered Address [Redacted]

[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

Dalradian Gold Ltd

[Redacted]
[Redacted]
[Redacted]

Tel: [Redacted]
Fax: [Redacted]



4225

Attention : [Redacted]

Date : 14th September, 2015

Your reference : Discharge Contents

Our reference : Test Report 15/10987 Batch 1

Location : Curraghinalt

Date samples received : 5th August, 2015

Status : Final report

Issue : 1

Six samples were received for analysis on 5th August, 2015 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied. All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Compiled By:



[Redacted] **BSc**
Project Manager

Client Name: Dalradian Gold Ltd
Reference: Discharge Contents
Location: Curraghinalt
Contact: [REDACTED]
JE Job No.: 15/10987

Report : Liquid

Liquids/products: V=40ml vial, G=glass bottle, P=plastic bottle
 H=H₂SO₄, Z=ZnAc, N=NaOH, HN=HNO₃

J E Sample No.	1-6	7-12	13-18	19-23	24-29	30-35												
Sample ID	DCS1	DCS2	DCS3	DCS4	DCS5	DCS6												
Depth																		
COC No / misc																		
Containers	V HN P BOD G	V HN P BOD G	V HN P BOD G	V HN BOD G	V HN P BOD G	V HN P BOD G												
Sample Date	04/08/2015	04/08/2015	04/08/2015	04/08/2015	04/08/2015	04/08/2015												
Sample Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water												
Batch Number	1	1	1	1	1	1												
Date of Receipt	05/08/2015	05/08/2015	05/08/2015	05/08/2015	05/08/2015	05/08/2015												
													LOD/LOR	Units	Method No.			
Dissolved Arsenic #	2.6	6.5	2.0	2.4	5.4	<0.9							<0.9	ug/l	TM30/PM14			
Dissolved Cadmium #	<0.03	0.06	<0.03	<0.03	<0.03	<0.03							<0.03	ug/l	TM30/PM14			
Total Dissolved Chromium #	0.6	<0.2	<0.2	<0.2	0.3	<0.2							<0.2	ug/l	TM30/PM14			
Dissolved Copper #	<3	<3	<3	<3	<3	<3							<3	ug/l	TM30/PM14			
Total Dissolved Iron #	2.0460	0.1384	1.8430	2.4590	2.7490	<0.0047							<0.0047	mg/l	TM30/PM14			
Dissolved Lead #	<0.4	2.5	0.7	0.5	<0.4	<0.4							<0.4	ug/l	TM30/PM14			
Dissolved Nickel #	1.0	7.0	0.4	0.7	0.8	<0.2							<0.2	ug/l	TM30/PM14			
Dissolved Selenium #	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2							<1.2	ug/l	TM30/PM14			
Dissolved Zinc #	6.0	5.6	6.1	5.5	4.4	<1.5							<1.5	ug/l	TM30/PM14			
Total Zinc	7	6	7	6	5	<3							<3	ug/l	TM30/PM14			
Mercury Dissolved by CVA #	<0.01	<0.01	<0.01	<0.01	0.03	<0.01							<0.01	ug/l	TM61/PM38			
Total Hardness Dissolved (as CaCO ₃)	12	175	21	23	21	<1							<1	mg/l	TM30/PM14			
EPH (C8-C40) #	<10	<10	<10	<10	<10	<10							<10	ug/l	TM5/PM30			
GRO (>C4-C8) #	<10	<10	<10	<10	<10	<10							<10	ug/l	TM36/PM12			
GRO (>C8-C12) #	<10	<10	<10	<10	<10	<10							<10	ug/l	TM36/PM12			
GRO (>C4-C12) #	<10	<10	<10	<10	<10	<10							<10	ug/l	TM36/PM12			
Hexavalent Chromium	<2	<2	<2	<2	<2	<2							<2	ug/l	TM38/PM0			
Total Dissolved Chromium III	<2	<2	<2	<2	<2	<2							<2	ug/l	NONE/NONE			
BOD (Settled) #	2	1	2	1	2	<1							<1	mg/l	TM58/PM0			
pH #	5.74	7.69	5.95	7.28	6.51	5.76							<0.01	pH units	TM73/PM0			
Total Suspended Solids #	<10	14	<10	12	<10	<10							<10	mg/l	TM37/PM0			

Please see attached notes for all abbreviations and acronyms

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

JE Job No.: 15/10987

SOILS

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As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

DEVIATING SAMPLES

Samples must be received in a condition appropriate to the requested analyses. All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. If this is not the case you will be informed and any test results that may be compromised highlighted on your deviating samples report.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

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NOTE

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Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

Please include all sections of this report if it is reproduced

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS) accredited - UK.
B	Indicates analyte found in associated method blank.
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M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
++	Result outside calibration range, results should be considered as indicative only and are not accredited.
*	Analysis subcontracted to a Jones Environmental approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

JE Job No: 15/10987

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM5	Modified USEPA 8015B method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) with carbon banding within the range C8-C40 GC-FID.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.	Yes			
TM30	Determination of Trace Metal elements by ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry). Modified US EPA Method 200.7	PM14	Analysis of waters and leachates for metals by ICP OES. Samples are filtered for dissolved metals and acidified if required.				
TM30	Determination of Trace Metal elements by ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry). Modified US EPA Method 200.7	PM14	Analysis of waters and leachates for metals by ICP OES. Samples are filtered for dissolved metals and acidified if required.	Yes			
TM36	Modified US EPA method 8015B. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID.	PM12	Modified US EPA method 5021. Preparation of solid and liquid samples for GC headspace analysis.	Yes			
TM37	Modified USEPA 160.2. Gravimetric determination of Total Suspended Solids. Sample is filtered and the resulting residue is dried and weighed.	PM0	No preparation is required.	Yes			
TM38	Soluble Ion analysis using the Thermo Aquakem Photometric Automatic Analyser. Modified US EPA methods 325.2, 375.4, 365.2, 353.1, 354.1	PM0	No preparation is required.				
TM58	Modified USEPA methods 405.1 and BS 5667-3. Measurement of Biochemical Oxygen Demand.	PM0	No preparation is required.	Yes			
TM61	Modified US EPA methods 245.7 and 200.7. Determination of Mercury by Cold Vapour Atomic Fluorescence.	PM38	Samples are brominated to reduce all mercury compounds to Mercury (II) which is analysed using method TM061.	Yes			
TM73	Modified US EPA methods 150.1 and 9045D. Determination of pH by Metrohm automated probe analyser.	PM0	No preparation is required.	Yes			
NONE	No Method Code	NONE	No Method Code				

Monitoring and Testing Services

Tel: [REDACTED]
 Fax: [REDACTED]
 Web: [REDACTED]
 email: [REDACTED]

A copy of this certificate is available on [REDACTED]

Customer	[REDACTED] Dalradian Gold Ltd [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Lab Report Ref. No.	[REDACTED]
Customer PO	PO2067	Date of Receipt	06/08/2015
Customer Ref	DCS2 - 04/08/15	Sampled On	04/08/2015
Ref 2		Date Testing Commenced	06/08/2015
Ref 3		Received or Collected	Courier: DPD
		Condition on Receipt	Acceptable
		Date of Report	28/08/2015
		Sample Type	Trade Effluent

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Arsenic (Dissolved)	177	ICPMS	8.64	ug/L	
BOD (Industrial Eff.)	113	Electrometry	8	mg/L	UKAS
Cadmium (Dissolved)	177	ICPMS	0.121	ug/L	
Chromium (Dissolved)	177	ICPMS	<0.68	ug/L	
Copper (Dissolved)	177	ICPMS	13.99	ug/L	
Hardness Total (Industrial Eff.)	111	Colorimetry	183	mg/L CaCO3	UKAS
Iron (Dissolved) mg/L	177	ICPMS	0.9932	mg/L	
Lead (Dissolved)	177	ICPMS	0.37	ug/L	
Mercury (Dissolved)	178	ICPMS	1.051	ug/L	
Nickel (Dissolved)	177	ICPMS	9.321	ug/L	
Oils, Fats & Grease	101	Solvent Extraction/ Gravimetry	<1	mg/L	
pH (Industrial Eff)	110	Electrometry	7.7	pH Units	UKAS
Solids (Total Suspended) Industrial E	106	Gravimetry	23	mg/L	UKAS
Zinc (Industrial Eff.)	177	ICPMS	14.59	ug/L	UKAS

Signed : [REDACTED]

Date : 28/08/2015

Acc. : Accredited Parameters by ISO 17025:2005
 PVL - Parametric Value Limit as per EU (Drinking water) Regulations (SI 122 2014)
 For bacterial analysis a result of 0 means none detected in volume examined
 All organic results are analysed as received and all results are corrected for dry weight at 104 C
 Results shall not be reproduced, except in full, without the approval of [REDACTED]
 Results contained in this report relate only to the samples tested (P) : Presumptive Results



** : The test result for this parameter may be invalid as it has exceeded the recommended holding time (BS EN ISO 5667-3:2012)

Monitoring and Testing Services

Tel: [REDACTED]
 Fax: [REDACTED]
 Web: [REDACTED]
 email: [REDACTED]

A copy of this certificate is available on [REDACTED]

Customer	[REDACTED] Dalradian Gold Ltd [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Lab Report Ref. No.	[REDACTED]
Customer PO	PO2067	Date of Receipt	06/08/2015
Customer Ref	DCS4 - 04/08/15	Sampled On	04/08/2015
Ref 2		Date Testing Commenced	06/08/2015
Ref 3		Received or Collected	Courier: DPD
		Condition on Receipt	Acceptable
		Date of Report	28/08/2015
		Sample Type	Surface Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Arsenic (Dissolved)	177	ICPMS	3.454	ug/L	
BOD (Surface Water)	113	Electrometry	<2	mg/L	UKAS
Cadmium (Dissolved)	177	ICPMS	<0.09	ug/L	
Chromium (Dissolved)	177	ICPMS	<0.68	ug/L	
Copper (Dissolved)	177	ICPMS	11.24	ug/L	
Hardness Total (Surface Water)	111	Colorimetry	22	mg/L CaCO3	UKAS
Iron (Dissolved) mg/L	177	ICPMS	1.482	mg/L	
Lead (Dissolved)	177	ICPMS	0.573	ug/L	
Mercury (Dissolved)	178	ICPMS	<0.2	ug/L	
Nickel (Dissolved)	177	ICPMS	1.513	ug/L	
Oils, Fats & Grease	101	Solvent Extraction/ Gravimetry	<1	mg/L	
pH (Surface Water)	110	Electrometry	7.4	pH Units	UKAS
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	3	mg/L	
Zinc (Surface Water)	177	ICPMS	10.31	ug/L	UKAS

Signed : [REDACTED]

Date : 28/08/2015

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 For bacterial analysis a result of 0 means none detected in volume examined
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