Australian Laboratory Services Pty. Ltd.

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www.alsglobal.com/geochemistry

ALS Brisbane is a NATA Accredited Testing Laboratory. Corporate Accreditation No: 825, Corporate Site No: 818.

To: NORFOLK METALS LIMITED
SUITE 1/295 ROKEBY ROAD
SUBIACO
PERTH WA 6008

Finalized Date: 19-JAN-2024
Account: NORMETLTD

QC CERTIFICATE BU24006587

Project: NFL2401

This report is for 148 samples of -80# Soil submitted to our lab in Burnie, TAS, Australia on 8-JAN-2024.

The following have access to data associated with this certificate:

YUNUS OZCAN	BEN PHILLIPS	LEO PILAPIL

SAMPLE PREPARATION

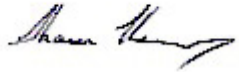
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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:



Shaun Kenny, Brisbane Laboratory Manager

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Sample Description	Method	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	ME-ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
STANDARDS																
EMOG-17		65.1	1.49	546	10	70	<0.5	7	0.92	18.6	719	43	8140	4.40	10	1
EMOG-17		67.4	1.54	561	10	80	<0.5	4	0.94	19.2	750	44	8360	4.55	10	<1
Target Range - Lower Bound		60.1	1.45	520	<10	20	<0.5	<2	0.87	17.9	679	42	7780	4.18	<10	<1
Upper Bound		73.9	1.79	640	20	60	1.5	10	1.09	22.9	833	54	8960	5.14	30	3
GBM321-8		2.9	0.89	54	10	100	<0.5	<2	0.65	1.6	14	22	3540	2.52	<10	<1
GBM321-8		3.1	0.95	56	10	100	<0.5	<2	0.70	1.6	14	25	3640	2.65	<10	<1
GBM321-8		3.1	0.92	56	<10	100	<0.5	<2	0.66	1.6	14	21	3660	2.63	<10	<1
Target Range - Lower Bound		2.4	0.85	48	<10	70	<0.5	<2	0.62	0.6	12	19	3380	2.35	<10	<1
Upper Bound		3.4	1.06	64	30	130	1.3	5	0.79	2.8	17	26	3890	2.89	20	2
MRCA-21		8.6	1.99	17	10	720	1.6	2	0.44	1.9	31	51	953	3.21	10	<1
MRCA-21		8.7	2.03	17	10	720	1.6	2	0.45	1.9	30	52	943	3.26	10	<1
MRCA-21		8.7	1.99	17	10	730	1.6	2	0.44	1.8	31	51	943	3.24	10	<1
Target Range - Lower Bound		7.4	1.88	14	<10	570	0.6	<2	0.40	1.0	27	47	885	2.94	<10	<1
Upper Bound		9.5	2.32	24	20	790	2.8	6	0.51	3.2	35	59	1020	3.62	30	2
OREAS 601c		49.7	0.60	363	<10	310	0.5	21	0.77	2.5	4	14	1125	1.70	<10	<1
OREAS 601c		51.7	0.60	376	<10	350	0.5	22	0.79	2.6	4	12	1170	1.74	<10	<1
Target Range - Lower Bound		45.2	0.59	340	<10	<10	<0.5	16	0.69	1.6	2	12	1080	1.65	<10	<1
Upper Bound		55.6	0.74	420	20	20	1.6	26	0.87	3.8	6	17	1240	2.03	20	2
BLANKS																
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	2	<0.01	<0.5	<1	2	<1	<0.01	<10	<1
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	2	<1	<0.01	<10	<1
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1
Target Range - Lower Bound		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1
Upper Bound		0.4	0.02	4	20	20	1.0	4	0.02	1.0	2	2	2	0.02	20	2

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QC CERTIFICATE OF ANALYSIS BU24006587

Sample Description	Method	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	ME-ICP41
	Analyte	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
STANDARDS																
EMOG-17		0.64	20	20	0.73	611	1030	0.17	7460	740	6870	3.05	666	4	50	<20
EMOG-17		0.66	20	20	0.75	642	1055	0.17	7720	750	7040	3.11	676	4	52	<20
Target Range - Lower Bound		0.60	<10	<10	0.69	568	970	0.15	6930	680	6500	2.90	572	3	47	<20
Upper Bound		0.76	40	40	0.87	706	1190	0.20	8470	850	7950	3.56	778	7	59	50
GBM321-8		0.41	40	10	0.49	287	59	0.11	2230	810	1985	0.34	<2	2	32	<20
GBM321-8		0.43	40	10	0.51	299	62	0.11	2310	880	2030	0.36	<2	2	35	20
GBM321-8		0.43	40	10	0.51	299	60	0.11	2300	870	2050	0.35	<2	2	32	20
Target Range - Lower Bound		0.37	30	<10	0.47	259	54	0.10	2020	760	1840	0.33	<2	<1	30	<20
Upper Bound		0.48	70	30	0.59	327	68	0.15	2480	960	2260	0.43	5	4	39	60
MRCA-21		1.02	30	50	0.68	8040	23	0.16	953	630	876	0.45	22	8	37	<20
MRCA-21		1.02	30	50	0.69	8070	23	0.17	961	650	874	0.46	21	8	38	<20
MRCA-21		1.02	30	50	0.68	8040	23	0.16	959	650	872	0.45	22	8	37	<20
Target Range - Lower Bound		0.90	<10	20	0.62	7320	20	0.13	846	570	795	0.38	16	6	33	<20
Upper Bound		1.12	50	70	0.78	8960	27	0.18	1035	710	976	0.48	29	11	42	50
OREAS 601c		0.23	20	10	0.07	198	3	0.06	7	230	238	0.89	32	1	35	<20
OREAS 601c		0.23	20	10	0.07	205	3	0.06	7	240	244	0.90	32	1	36	<20
Target Range - Lower Bound		0.22	<10	<10	0.06	184	<1	0.03	4	210	221	0.81	23	<1	32	<20
Upper Bound		0.29	40	30	0.11	236	6	0.08	8	270	275	1.01	37	3	41	50
BLANKS																
BLANK		<0.01	<10	<10	<0.01	<5	<1	<0.01	1	<10	<2	0.02	<2	<1	<1	<20
BLANK		<0.01	<10	<10	<0.01	<5	<1	0.01	<1	<10	<2	0.01	<2	<1	<1	<20
BLANK		<0.01	<10	<10	<0.01	<5	<1	0.01	2	<10	<2	0.02	<2	<1	<1	<20
BLANK		<0.01	<10	<10	<0.01	<5	<1	0.01	<1	<10	<2	0.01	<2	<1	<1	<20
BLANK		<0.01	<10	<10	<0.01	<5	<1	0.01	<1	<10	<2	0.01	<2	<1	<1	<20
Target Range - Lower Bound		<0.01	<10	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Upper Bound		0.02	20	20	0.02	10	2	0.02	2	20	4	0.02	4	2	2	40

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
STANDARDS							
EMOG-17		0.20	<10	<10	60	10	7070
EMOG-17		0.21	<10	<10	63	10	7320
Target Range - Lower Bound		0.18	<10	<10	58	<10	6780
Upper Bound		0.25	20	20	74	20	8290
GBM321-8		0.30	<10	<10	45	<10	995
GBM321-8		0.31	<10	<10	47	<10	1025
GBM321-8		0.30	<10	<10	47	<10	1045
Target Range - Lower Bound		0.27	<10	<10	41	<10	921
Upper Bound		0.35	20	20	53	20	1130
MRCA-21		0.28	10	<10	61	10	827
MRCA-21		0.28	<10	<10	62	10	811
MRCA-21		0.28	<10	<10	62	10	809
Target Range - Lower Bound		0.24	<10	<10	56	<10	727
Upper Bound		0.32	20	20	70	30	893
OREAS 601c		0.01	<10	<10	4	<10	376
OREAS 601c		0.01	<10	<10	4	<10	380
Target Range - Lower Bound		<0.01	<10	<10	3	<10	341
Upper Bound		0.03	20	20	7	20	421
BLANKS							
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
BLANK		<0.01	<10	<10	<1	<10	<2
Target Range - Lower Bound		<0.01	<10	<10	<1	<10	<2
Upper Bound		0.02	20	20	2	20	4

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Sample Description	Method	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	ME-ICP41
	Analyte	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
DUPLICATES																
RRS-096		<0.2	1.28	19	<10	10	<0.5	<2	0.04	<0.5	2	62	17	4.80	10	<1
DUP		<0.2	1.35	19	<10	10	<0.5	<2	0.04	<0.5	2	63	17	4.86	10	<1
Target Range - Lower Bound		<0.2	1.24	16	<10	<10	<0.5	<2	0.03	<0.5	<1	58	15	4.58	<10	<1
Upper Bound		0.4	1.39	22	20	20	1.0	4	0.05	1.0	3	67	19	5.08	20	2
RRS-133		<0.2	1.07	11	<10	10	<0.5	<2	0.01	<0.5	<1	29	15	4.35	10	<1
DUP		<0.2	1.08	12	<10	10	<0.5	<2	0.01	<0.5	<1	30	15	4.40	10	<1
Target Range - Lower Bound		<0.2	1.01	9	<10	<10	<0.5	<2	<0.01	<0.5	<1	27	13	4.15	<10	<1
Upper Bound		0.4	1.14	14	20	20	1.0	4	0.02	1.0	2	32	17	4.60	20	2
RRS-246		<0.2	4.77	3	10	20	0.8	<2	0.07	<0.5	96	210	187	16.85	20	<1
DUP		<0.2	5.01	5	10	20	0.8	<2	0.07	<0.5	99	218	195	17.40	20	<1
Target Range - Lower Bound		<0.2	4.64	<2	<10	<10	<0.5	<2	0.06	<0.5	92	202	183	16.25	<10	<1
Upper Bound		0.4	5.14	6	20	30	1.0	4	0.08	1.0	103	226	199	18.00	30	2
RRS-298		<0.2	3.11	<2	10	10	0.6	<2	0.03	<0.5	3	166	63	9.86	20	<1
DUP		<0.2	3.06	<2	10	10	0.6	<2	0.03	<0.5	3	162	62	9.65	20	<1
Target Range - Lower Bound		<0.2	2.92	<2	<10	<10	<0.5	<2	0.02	<0.5	2	155	59	9.26	<10	<1
Upper Bound		0.4	3.25	4	20	20	1.0	4	0.04	1.0	4	173	66	10.25	30	2
ORIGINAL		0.2	1.62	5	<10	40	<0.5	<2	0.03	<0.5	15	24	3400	2.47	<10	<1
DUP		<0.2	1.70	4	<10	40	<0.5	<2	0.03	<0.5	15	25	3490	2.52	<10	<1
Target Range - Lower Bound		<0.2	1.57	<2	<10	30	<0.5	<2	0.02	<0.5	13	22	3320	2.36	<10	<1
Upper Bound		0.4	1.75	7	20	50	1.0	4	0.04	1.0	17	27	3570	2.63	20	2

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	Analyte	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
DUPLICATES																
RRS-096		0.06	<10	10	0.07	60	1	0.01	9	160	6	0.04	2	3	4	<20
DUP		0.06	<10	10	0.07	61	1	0.01	8	160	6	0.04	<2	3	4	<20
Target Range - Lower Bound		0.05	<10	<10	0.06	52	<1	<0.01	7	140	4	0.03	<2	2	3	<20
Upper Bound		0.07	20	20	0.08	69	2	0.02	10	180	8	0.05	4	4	5	40
RRS-133		0.07	10	<10	0.03	64	2	0.01	4	130	7	0.04	<2	2	3	<20
DUP		0.07	10	<10	0.03	66	2	0.01	4	140	8	0.04	<2	2	4	<20
Target Range - Lower Bound		0.06	<10	<10	0.02	57	<1	<0.01	3	120	5	0.03	<2	<1	2	<20
Upper Bound		0.08	20	20	0.04	73	3	0.02	5	150	10	0.05	4	3	5	40
RRS-246		0.04	<10	20	0.37	4320	<1	0.02	50	490	24	0.08	<2	30	8	<20
DUP		0.05	<10	20	0.38	4460	1	0.02	54	500	27	0.09	<2	31	7	<20
Target Range - Lower Bound		0.03	<10	<10	0.35	4170	<1	<0.01	48	460	22	0.07	<2	28	6	<20
Upper Bound		0.06	20	30	0.40	4610	2	0.03	56	530	29	0.10	4	33	9	40
RRS-298		0.07	10	10	0.07	393	1	0.02	19	520	11	0.05	<2	12	7	<20
DUP		0.07	10	10	0.07	383	<1	0.01	21	510	10	0.04	<2	11	7	<20
Target Range - Lower Bound		0.06	<10	<10	0.06	364	<1	<0.01	18	480	8	0.03	<2	10	6	<20
Upper Bound		0.08	20	20	0.08	412	2	0.02	22	550	13	0.06	4	13	8	40
ORIGINAL		0.58	10	<10	0.38	53	2	0.02	16	60	8	2.48	<2	2	15	<20
DUP		0.61	10	<10	0.40	55	2	0.02	19	70	9	2.53	<2	2	16	<20
Target Range - Lower Bound		0.56	<10	<10	0.36	46	<1	<0.01	16	50	6	2.37	<2	<1	14	<20
Upper Bound		0.63	20	20	0.42	62	3	0.03	19	80	11	2.64	4	3	17	40

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
DUPLICATES							
RRS-096		0.01	<10	<10	73	<10	12
DUP		0.01	<10	<10	75	<10	12
Target Range - Lower Bound		<0.01	<10	<10	69	<10	9
Upper Bound		0.02	20	20	79	20	15
RRS-133		0.01	<10	<10	75	<10	6
DUP		0.01	<10	<10	76	<10	7
Target Range - Lower Bound		<0.01	<10	<10	71	<10	4
Upper Bound		0.02	20	20	80	20	9
RRS-246		0.34	<10	<10	429	<10	58
DUP		0.35	<10	<10	450	<10	60
Target Range - Lower Bound		0.32	<10	<10	417	<10	54
Upper Bound		0.37	20	20	462	20	64
RRS-298		0.19	<10	<10	197	<10	27
DUP		0.19	<10	<10	192	<10	26
Target Range - Lower Bound		0.17	<10	<10	184	<10	23
Upper Bound		0.21	20	20	205	20	30
ORIGINAL		0.03	<10	<10	36	<10	10
DUP		0.03	<10	<10	37	<10	11
Target Range - Lower Bound		0.02	<10	<10	34	<10	8
Upper Bound		0.04	20	20	39	20	13

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

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www.alsglobal.com/geochemistry
ALS Brisbane is a NATA Accredited Testing Laboratory. Corporate Accreditation No: 825, Corporate Site No: 818.

To: NORFOLK METALS LIMITED
SUITE 1/295 ROKEBY ROAD
SUBIACO
PERTH WA 6008

Finalized Date: 19-JAN-2024
Account: NORMETLTD

Project: NFL2401

QC CERTIFICATE OF ANALYSIS BU24006587

CERTIFICATE COMMENTS

ACCREDITATION COMMENTS

NATA Accreditation covers the performance of this service but does not cover the performance of ALS Brisbane Sample Preparation. Corporate Accreditation No:825, Corporate Site No:818. Technical Signatory: Christopher Snowdon, ICPAES Reporting Chemist

Applies to Method: ME-ICP41

LABORATORY ADDRESSES

Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 23 Pineapple Street, Zillmere, QLD, 4034, Australia

Applies to Method: ME-ICP41

Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.

Applies to Method: LEV-01 LOG-22 WEI-21