



OMAC Laboratories Limited

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Phone: +353 0 91 841 741 Fax: +353 0 91 842 146

www.alsglobal.com/geochemistry

An INAB accredited testing laboratory Reg. No. 173T. Accredited methods are listed in the Scope of Accreditation available on request.

To: **BN ENERGY CO. LTD**
KHARTOUM
SUDAN

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Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 7-JUL-2025
Account: ENBNYCES

CERTIFICATE AL25159601

Project: RS-12V

This report is for 26 samples of Crushed Rock submitted to our lab in Atbara, Sudan on 1-JUN-2025.

The following have access to data associated with this certificate:

SALAH ABBASS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
BAG-01	Bulk Master for Storage
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
ME-ICP61	34 element four acid 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:

Andrey Tairov, Technical Manager, Ireland



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CERTIFICATE OF ANALYSIS AL25159601

Sample Description	Method Analyte Units LOD	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Rh-MS25	CRU-QC	PUL-QC	PGM-ICP24	PGM-ICP24	PGM-ICP24
		Recvd Wt.	Co	Cu	Ni	Cu	Rh	Pass2mm	Pass75um	Au	Pt	Pd
		kg	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm
		0.02	1	1	1	0.001	0.001	0.01	0.01	0.001	0.005	0.001
RS-01		2.56	23	449	40		<0.001	70.9	87.5	0.019	<0.005	0.002
RS-02		2.36	24	72	13		<0.001			0.002	<0.005	<0.001
RS-03		2.10	20	300	8		<0.001			0.004	<0.005	<0.001
RS-04		2.49	20	1630	26		<0.001			0.012	<0.005	0.001
RS-05		2.57	43	7880	106		<0.001			0.014	<0.005	0.001
RS-06		2.23	40	2930	116		<0.001			0.015	<0.005	<0.001
RS-07		2.07	35	90	104		<0.001			0.029	<0.005	0.001
RS-08		1.49	9	91	15		<0.001			0.002	<0.005	<0.001
RS-09		2.64	40	>10000	35	3.54	<0.001			0.359	<0.005	0.002
RS-10		2.48	64	>10000	30	2.76	<0.001			0.456	0.005	0.007
RS-11		3.00	106	>10000	33	9.96	<0.001			1.145	0.008	0.006
RS-12		3.06	29	>10000	13	2.06	<0.001			0.205	<0.005	0.003
RS-13		2.72	45	>10000	31	3.63	0.001			0.206	<0.005	0.003
RS-14		2.71	39	>10000	18	2.16	<0.001			0.417	<0.005	0.003
RS-15		2.71	82	>10000	32	4.53	<0.001			0.730	<0.005	0.009
RS-16		2.70	46	>10000	65	2.03	<0.001			0.205	<0.005	0.006
RS-17		2.22	39	9640	63		<0.001			0.132	<0.005	0.002
RS-18		1.57	64	>10000	43	3.15	<0.001			0.205	<0.005	0.002
RS-19		2.01	98	>10000	60	7.17	<0.001			0.242	<0.005	0.003
RS-20		2.38	58	>10000	54	2.47	<0.001			0.089	<0.005	0.002
RS-21		2.39	96	>10000	45	5.31	0.001			0.120	<0.005	0.002
RS-22		2.55	131	>10000	62	7.81	0.001			0.525	<0.005	0.005
RS-23		3.31	82	>10000	40	6.31	<0.001			0.316	<0.005	0.003
RS-24		1.04	71	>10000	32	7.51	<0.001			0.438	<0.005	<0.001
RS-25		1.91	38	>10000	68	2.73	<0.001			0.301	<0.005	0.003
RS-26		1.78	40	>10000	35	2.24	<0.001			0.170	0.006	0.001



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CERTIFICATE COMMENTS

ACCREDITATION COMMENTS

Applies to Method:

The methods immediately below this line are ISO 17025:2017 Accredited. INAB Registration No: 173T
Cu-OG62 ME-ICP61 ME-OG62

PGM-ICP24



LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Loughrea located at Dublin Road, Loughrea, Co. Galway, Ireland.

BAG-01
LOG-22
PUL-32

CRU-31
ME-ICP61
PUL-QC

CRU-QC
ME-OG62
SPL-21

Cu-OG62
PGM-ICP24
WEI-21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Rh-MS25