

MINERALS TEST REPORT

CLIENT	TENNANT CONSOLIDATED MINING GROUP Level 2 9 Havelock Street WEST PERTH, W.A. 6005 AUSTRALIA
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JOB INFORMATION	JOB CODE : 2167.0/2223369 NO. SAMPLES : 247 NO. ELEMENTS : 6 CLIENT ORDER NO. : Q220098_v3 (Job 1 of 1) SAMPLE SUBMISSION NO. : NDDDH_3 PROJECT : NOBLES DDH SAMPLE TYPE : Drill core DATE RECEIVED : 01/11/2022 DATE TESTED : 07/12/2022 - 12/01/2023 DATE REPORTED : 17/02/2023 DATE PRINTED : 17/02/2023
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REPORT NOTES

TESTED BY

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Fiona DUNBAR-SMITH
Laboratory Manager - NTEL

This report relates specifically to the sample(s) tested that were drawn and/or provided by the client or their nominated third party to Intertek. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment. This report was prepared solely for the use of the client named in this report. Intertek accepts no responsibility for any loss, damage or liability suffered by a third party as a result of any reliance upon or use of this report. The results provided are not intended for commercial settlement purposes. Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our standard Terms and Conditions which can be obtained at our website: intertek.com/terms/



SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that figures beyond the least significant digit have significance.

For more information on the uncertainty on individual reported values, please contact the laboratory.

MEASUREMENT OF UNCERTAINTY

Measurement of uncertainty estimates are available for most tests upon request.

SAMPLE STORAGE

All solid samples (assay pulps, bulk pulps and residues) will be stored for 60 days without charge. Following this samples will be stored at a daily rate until clients written advice regarding return, collection or disposal is received. If storage information is not supplied on the submission, or arranged with the laboratory in writing the default will be to store the samples with the applicable charges. Storage is charged at \$4.00 per m3 per day, expenses related to the return or disposal of samples will also be charged. Current disposal costs including packaging in a Class2 waste disposal facility is charged at \$175.00 per m3.

Samples received as liquids, waters or solutions will be held for 60 days free of charge then disposed of, unless written advice for return or collection is received.

LEGEND	X	= Less than Detection Limit	NA	= Not Analysed
	SNR	= Sample Not Received	UA	= Unable to Assay
	LNR	= Lab Not Received	>	= Value beyond Limit of Method
	DTF	= Result still to come	+	= Extra Sample Received Not Listed
	I/S	= Insufficient Sample for Analysis		

UNITS	ppm for Solid Samples	= mg/Kg
	ppb for Solid Samples	= µg/Kg
	ppm for Liquid Samples	= mg/L
	ppb for Liquid Samples	= µg/L



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS						
0001 150318	2	0.40	1.9	2.22	X	0.69
0002 150319	X	0.39	2.7	2.12	X	0.80
0003 150320	X	0.29	1.1	1.60	X	0.80
0004 150321	X	0.61	1.6	1.30	X	0.72
0005 150322	3	0.24	1.5	1.41	X	0.77
0006 150323	21	0.30	1.8	1.45	X	0.77
0007 150324	16	0.52	6.6	1.54	X	0.75
0008 150325	557	8.82	8869.6	23.70	2.47	4.60
0009 150326	2	0.37	30.2	1.81	X	0.69
0010 150327	X	0.33	7.5	1.88	X	0.52
0011 150328	X	0.54	7.6	1.73	X	0.53
0012 150329	X	0.34	4.3	1.60	X	0.51
0013 150330	X	0.57	3.1	1.20	X	0.54
0014 150331	X	0.25	3.5	1.17	X	0.51
0015 150332	X	0.62	5.4	1.74	X	0.73
0016 150333	X	0.24	7.2	1.89	X	0.52
0017 150334	X	0.50	4.9	1.85	X	0.52
0018 150335	X	0.25	6.7	2.01	X	0.53
0019 150336	X	0.22	5.3	1.61	X	0.52
0020 150337	1	0.30	6.8	1.62	X	0.56
0021 150338	3	0.29	10.5	2.06	X	0.60
0022 150339	2	0.47	9.7	2.20	X	0.54
0023 150340	9	0.74	7.1	1.94	X	0.49
0024 150341	1	0.62	3.2	2.70	X	0.57
0025 150342	2	0.68	4.1	2.69	X	0.68
0026 150343	1	0.54	2.8	1.58	X	0.66
0027 150344	1	0.44	3.6	1.74	X	0.68
0028 150345	X	0.47	7.2	1.10	X	0.61
0029 150346	2	0.86	7.3	1.71	X	0.56
0030 150347	3	1.36	6.4	1.62	X	0.49
0031 150348	3	0.73	17.4	1.87	X	0.55
0032 150349	5	3.41	105.5	2.93	X	0.71
0033 150350	369	5.69	5770.1	19.35	1.72	3.37
0034 150351	X	0.16	1.7	1.31	X	0.17
0035 150352	10	2.69	16.4	1.98	X	0.56
0036 150353	5	4.13	28.3	3.07	X	0.85
0037 150354	4	5.81	43.1	6.97	X	1.61
0038 150355	3	4.86	5.9	1.56	X	0.48
0039 150356	3	3.06	16.6	2.44	X	0.72
0040 150357	2	0.85	11.3	1.60	X	0.54



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS						
0041 150358	2	1.47	23.1	2.20	X	0.60
0042 150359	3	1.09	30.9	2.16	X	0.70
0043 150360	1	0.75	3.4	1.60	X	0.46
0044 150361	X	1.03	0.8	1.60	X	0.51
0045 150362	X	1.06	0.6	1.74	X	0.73
0046 150363	1	1.61	1.7	1.73	X	0.61
0047 150364	3	3.14	2.5	2.90	X	0.76
0048 150365	X	2.33	0.8	2.45	X	0.81
0049 150366	X	0.82	0.6	1.56	X	0.51
0050 150367	X	0.75	0.7	1.53	X	0.63
0051 150368	2	0.92	X	1.82	X	0.77
0052 150369	X	1.15	X	2.51	X	1.02
0053 150370	X	1.17	X	2.12	X	0.76
0054 150371	1	1.16	14.6	2.26	X	0.61
0055 150372	2	1.17	5.4	2.56	X	0.87
0056 150373	2	0.44	X	1.89	X	0.34
0057 150374	2	1.72	10.6	4.05	X	1.48
0058 150375	578	8.79	8763.8	22.97	2.50	4.67
0059 150376	4	1.99	21.7	3.82	X	1.42
0060 150377	2	0.95	20.8	1.93	X	0.65
0061 150378	4	1.04	34.2	2.12	X	0.61
0062 150379	2	1.00	21.4	1.69	X	0.58
0063 150380	3	1.47	42.7	4.32	X	1.54
0064 150381	6	1.45	61.5	3.88	X	1.15
0065 150382	2	0.74	79.6	3.24	X	0.97
0066 150383	3	0.67	52.8	2.64	X	0.88
0067 150384	4	0.62	33.8	1.90	X	0.63
0068 150385	3	0.50	0.6	1.59	X	0.58
0069 150386	1	0.68	X	2.23	X	0.86
0070 150387	X	0.60	X	1.63	X	0.47
0071 150388	2	0.81	0.7	1.55	X	0.51
0072 150389	X	0.21	X	1.26	X	0.32
0073 150390	7	0.94	X	1.75	X	0.51
0074 150391	3	1.77	0.6	10.33	X	5.42
0075 150392	5	0.76	X	4.79	X	1.75
0076 150393	4	0.53	0.5	1.86	X	0.51
0077 150394	2	1.07	0.5	4.11	X	1.47
0078 150395	10	0.68	0.5	1.82	X	0.56
0079 150396	11	1.09	0.5	2.13	X	0.58
0080 150397	X	0.16	X	1.75	X	0.43



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS						
0081 150398	5	0.15	X	1.76	X	0.39
0082 150399	X	0.16	7.4	1.67	X	0.27
0083 150400	375	5.84	5817.3	19.53	1.76	3.38
0084 150401	X	0.31	1.5	1.31	X	0.18
0085 150402	2	1.90	3.8	1.60	X	0.32
0086 150403	12	0.34	2.0	2.22	X	0.39
0087 150404	X	0.37	1.8	1.75	X	0.32
0088 150405	3	0.44	1.3	1.90	X	0.34
0089 150406	X	0.18	0.8	1.63	X	0.26
0090 150407	X	0.18	1.4	1.68	X	0.27
0091 150408	X	0.11	1.2	1.76	X	0.30
0092 150409	X	0.10	1.1	1.68	X	0.30
0093 150410	X	0.34	1.6	1.89	X	0.37
0094 150411	X	0.41	3.1	1.92	X	0.38
0095 150412	X	0.14	1.2	1.79	X	0.31
0096 150413	X	0.55	1.5	2.13	X	0.34
0097 150414	X	0.28	0.8	2.13	X	0.41
0098 150415	X	0.22	1.7	2.23	X	0.32
0099 150416	X	0.10	1.3	2.06	X	0.27
0100 150417	X	0.21	1.8	2.02	X	0.28
0101 150418	X	0.38	3.1	1.97	X	0.26
0102 150419	2	3.20	11.0	1.69	X	0.28
0103 150420	3	2.02	29.4	1.95	0.05	0.48
0104 150421	X	0.33	19.6	2.15	X	0.29
0105 150422	3	0.11	2.3	2.28	X	0.29
0106 150423	X	0.15	1.7	2.45	X	0.28
0107 150424	15	3.05	372.0	2.67	X	0.32
0108 150425	574	8.79	8767.4	23.20	2.41	4.57
0109 150426	20	3.72	284.0	2.36	X	0.35
0110 150427	X	0.19	10.4	2.34	X	0.22
0111 150428	30	6.02	704.8	2.69	X	0.31
0112 150429	X	0.99	95.2	2.65	X	0.29
0113 150430	1	0.80	62.6	2.81	X	0.26
0114 150431	3	1.00	111.0	3.02	X	0.27
0115 150432	3	1.08	72.3	2.69	X	0.21
0116 150433	X	0.69	52.1	2.76	X	0.21
0117 150434	31	3.31	318.4	2.82	0.07	0.47
0118 150435	45	6.37	353.1	2.83	X	0.19
0119 150436	3	1.69	86.2	2.81	X	0.17
0120 150437	28	4.88	209.9	3.39	X	0.23



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS						
0121 150438	3	2.33	74.2	3.12	X	0.29
0122 150439	4	4.88	111.3	2.51	X	0.28
0123 150440	5	1.49	149.5	2.50	X	0.21
0124 150441	X	8.86	20.3	2.56	X	0.23
0125 150442	X	0.11	1.4	2.56	X	0.25
0126 150443	3	0.10	1.7	2.31	X	0.22
0127 150444	1	0.13	3.0	2.67	X	0.25
0128 150445	X	0.09	2.8	2.58	X	0.19
0129 150446	4	0.47	71.5	2.81	0.06	0.20
0130 150447	X	0.20	8.0	2.69	X	0.17
0131 150448	3	1.62	23.6	2.67	X	0.19
0132 150449	1	0.15	14.6	2.96	X	0.14
0133 150450	363	5.70	5845.2	19.37	1.73	3.16
0134 150451	3	0.11	1.1	1.20	X	0.17
0135 150452	X	0.12	15.3	2.86	X	0.15
0136 150453	X	0.10	13.7	2.82	X	0.16
0137 150454	4	0.17	158.8	3.02	X	0.21
0138 150455	16	2.53	184.0	3.61	0.38	0.20
0139 150456	4	0.84	127.9	3.31	0.09	0.19
0140 150457	1	0.57	26.1	2.81	X	0.14
0141 150458	2	0.79	52.4	2.55	X	0.16
0142 150459	X	0.27	26.2	2.66	X	0.19
0143 150460	X	0.71	32.5	2.84	X	0.15
0144 150461	X	0.65	11.0	3.01	X	0.16
0145 150462	X	3.08	5.5	2.93	0.11	0.15
0146 150463	X	0.60	2.6	2.57	X	0.14
0147 150464	X	0.05	0.6	2.63	X	0.16
0148 150465	X	0.13	0.5	2.48	X	0.15
0149 150466	X	2.97	11.5	2.62	0.24	0.13
0150 150467	7	9.74	20.2	2.72	0.15	0.19
0151 150468	1	1.54	4.3	2.77	X	0.17
0152 150469	1	0.12	1.5	2.63	X	0.17
0153 150470	X	0.08	2.9	2.68	X	0.17
0154 150471	X	0.05	1.5	2.19	X	0.17
0155 150472	X	0.07	1.4	2.31	X	0.19
0156 150473	X	6.64	6.4	1.97	X	0.46
0157 150474	X	1.86	4.9	2.28	X	0.52
0158 150475	375	5.71	5787.3	19.33	1.77	3.06
0159 150476	2	3.12	8.7	2.39	X	0.60
0160 150477	X	1.05	2.9	2.30	X	0.60



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS						
0161 150478	X	2.19	8.6	2.50	X	0.64
0162 150479	X	4.53	5.2	3.64	X	0.95
0163 150480	X	6.49	14.1	3.02	X	0.62
0164 150481	2	6.04	16.2	3.53	X	0.89
0165 150482	3	4.96	10.5	2.36	X	0.55
0166 150483	X	2.07	4.3	2.70	X	0.56
0167 150484	X	0.86	22.6	1.52	X	0.52
0168 150485	X	2.16	20.4	1.71	X	0.51
0169 150486	X	2.22	47.7	1.93	X	0.58
0170 150487	X	0.79	19.4	1.80	X	0.68
0171 150488	X	2.33	12.8	1.64	X	0.68
0172 150489	X	1.36	5.0	1.53	X	0.44
0173 150490	X	1.77	1.8	1.54	X	0.44
0174 150491	X	1.41	1.7	1.76	X	0.47
0175 150492	X	1.49	2.0	2.56	X	0.58
0176 150493	2	1.76	2.3	3.01	X	0.68
0177 150494	X	0.96	1.5	1.78	X	0.40
0178 150495	X	1.76	2.3	1.40	X	0.47
0179 150496	X	8.57	6.9	1.84	X	0.73
0180 150497	X	0.76	2.0	1.62	X	0.48
0181 150498	X	1.57	2.6	1.64	X	0.55
0182 150499	1	1.63	2.9	2.05	X	0.65
0183 150500	565	8.99	9049.5	23.79	2.55	5.02
0184 150501	X	0.14	2.4	1.43	X	0.18
0185 150502	X	1.93	3.1	1.91	X	0.65
0186 150503	2	1.24	3.3	1.73	X	0.59
0187 150504	X	1.77	3.4	1.91	X	0.66
0188 150505	X	2.42	4.0	2.51	X	0.87
0189 150506	2	2.26	3.1	2.00	X	0.66
0190 150507	6	1.64	2.6	2.02	X	0.67
0191 150508	2	2.81	2.3	3.62	X	1.58
0192 150509	X	3.84	2.2	4.69	X	2.06
0193 150510	X	2.41	1.6	2.57	X	1.03
0194 150511	6	1.87	2.0	2.57	X	0.83
0195 150512	X	1.35	5.3	1.90	X	0.66
0196 150513	X	3.99	19.5	5.39	X	2.24
0197 150514	2	1.71	16.2	2.98	X	1.03
0198 150515	5	1.54	10.7	2.10	X	0.68
0199 150516	1	2.74	11.1	4.44	X	2.18
0200 150517	3	2.37	14.4	4.05	X	1.54



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS						
0201 150518	X	1.13	4.4	1.66	X	0.53
0202 150519	X	1.74	2.9	1.58	X	0.60
0203 150520	X	1.09	2.4	1.49	X	0.45
0204 150521	X	1.28	2.1	1.48	X	0.42
0205 150522	X	1.02	2.0	1.52	X	0.46
0206 150523	X	1.10	11.7	1.81	X	0.57
0207 150524	X	0.98	1.2	1.69	X	0.63
0208 150525	394	5.96	6107.0	19.64	1.81	3.27
0209 150526	X	2.22	3.1	2.31	X	0.97
0210 150527	X	1.57	2.2	1.51	X	0.57
0211 150528	X	1.77	2.7	1.68	X	0.65
0212 150529	25	3.01	0.9	1.29	X	0.44
0213 150530	34	2.28	0.6	5.42	X	2.68
0214 150531	9	2.58	0.7	5.81	X	2.76
0215 150532	X	3.57	0.6	8.59	X	6.43
0216 150533	X	2.31	X	6.57	X	3.70
0217 150534	X	1.23	0.8	2.35	X	0.89
0218 150535	22	1.40	1.5	1.81	X	0.71
0219 150536	8	1.55	1.4	2.80	X	0.90
0220 150537	21	1.42	1.4	2.73	X	0.97
0221 150538	X	0.88	1.0	1.87	X	0.76
0222 150539	3	0.81	1.3	1.76	X	0.65
0223 150540	X	1.10	1.2	1.72	X	0.65
0224 150541	32	0.49	0.7	2.08	X	0.54
0225 150542	2	0.62	0.9	2.11	X	0.55
0226 150543	15	1.74	2.0	2.50	X	0.72
0227 150544	6	0.99	1.9	3.04	X	0.91
0228 150545	2	0.60	0.8	2.33	X	0.63
0229 150546	X	0.76	0.8	2.20	X	0.61
0230 150547	12	0.46	1.2	2.10	X	0.53
0231 150548	16	0.32	2.0	2.31	X	0.63
0232 150549	X	0.69	2.5	2.53	X	0.69
0233 150550	I/S	I/S	I/S	I/S	I/S	I/S
0234 150551	X	0.15	1.4	1.49	X	0.18
0235 150552	X	1.05	1.3	1.97	X	0.37
0236 150553	X	0.70	1.5	2.00	X	0.50
0237 150554	10	0.55	1.3	1.91	X	0.39
0238 150555	1	0.33	1.0	1.68	X	0.34
0239 150556	9	0.77	2.6	2.60	X	0.72
0240 150557	1	0.71	2.2	2.32	X	0.61



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS						
0241 150558	2	0.61	1.4	3.02	X	0.74
0242 150559	X	0.86	2.6	2.24	X	0.47
0243 150560	3	1.05	8.2	2.25	X	0.37
0244 150561	X	0.90	0.6	2.05	X	0.35
0245 150562	X	0.47	0.7	2.17	X	0.34
0246 150563	X	0.92	0.8	1.75	X	0.35
0247 150564	X	0.50	1.1	1.36	X	0.28
0248 150565	2	1.14	1.3	1.65	X	0.32
CHECKS						
0001 150321	X	0.59	1.5	1.27	X	0.69
0002 150363	1	1.66	1.6	1.73	X	0.59
0003 150383	2	0.68	53.9	2.70	X	0.86
0004 150406	X	0.19	1.1	1.68	X	0.27
0005 150426	8	3.77	280.3	2.37	X	0.36
0006 150457	X	0.56	26.3	2.72	X	0.14
0007 150505	1	2.47	4.0	2.59	X	0.92
0008 150524	X	0.95	1.0	1.60	X	0.63
0009 150535	22	1.07	1.2	1.37	X	0.48
STANDARDS						
0001 OREAS 45f	15	0.15	325.6	13.64	X	0.29
0002 OREAS 45h	43	0.13	703.5	17.94	X	0.35
0003 OREAS 501d	219	1.25	2554.1	3.10	0.36	1.51
0004 OREAS 46	X	0.03	22.0	1.46	X	0.06
0005 OREAS 45f	17	0.15	326.4	13.47	X	0.32
0006 OREAS 45h	38	0.12	712.6	18.07	X	0.36
0007 OREAS 501d	232	1.26	2574.0	3.04	0.37	1.50
0008 OREAS 501d	231	1.33	2712.6	3.23	0.37	1.49
0009 OREAS 45f	19	0.18	396.2	16.08	X	0.34
0010 OREAS 45h	42	0.13	720.8	18.17	X	0.39
BLANKS						
0001 Control Blank	X	X	X	X	X	X
0002 Control Blank	X	X	X	X	X	X
0003 Control Blank	X	X	X	X	X	X
0004 Control Blank	X	X	X	X	X	X
0005 Control Blank	X	X	X	X	X	X
0006 Control Blank	X	X	X	X	X	X
0007 Control Blank	X	X	X	X	X	X



ELEMENTS	Au	Bi	Cu	Fe	S	Sb
UNITS	ppb	ppm	ppm	%	%	ppm
DETECTION LIMIT	1	0.01	0.5	0.01	0.05	0.02
DIGEST	AR10/	AR10/	AR10/	AR10/	AR10/	AR10/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	MS

BLANKS

0008 Control Blank	X	X	X	X	X	X
0009 Control Blank	X	X	X	X	X	X
0010 Control Blank	X	X	X	X	X	X

**METHOD CODE DESCRIPTION**

Method Code Date Tested	Analysing Laboratory NATA Laboratory Accreditation	NATA Scope of Accreditation
AR10/MS 07/12/22 12:21	NTEL Lab Darwin Aqua-Regia digest. Analysed by Inductively Coupled Plasma Mass Spectrometry.	*

* Denotes not on Scope of Accreditation