

# MINERALS TEST REPORT

<b>CLIENT</b>	<b>TENNANT CONSOLIDATED MINING GROUP</b> Level 2 9 Havelock Street WEST PERTH, W.A. 6005 AUSTRALIA
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<b>JOB INFORMATION</b>	JOB CODE : 2167.0/2223706 NO. SAMPLES : 190 NO. ELEMENTS : 6 CLIENT ORDER NO. : Q220098_v3 (Job 1 of 1) SAMPLE SUBMISSION NO. : NDDDH_4 PROJECT : NOBLES DDH SAMPLE TYPE : Drill core DATE RECEIVED : 04/11/2022 DATE TESTED : 09/12/2022 - 22/12/2022 DATE REPORTED : 06/01/2023 DATE PRINTED : 06/01/2023
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## REPORT NOTES

### TESTED BY

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### APPROVED SIGNATURE FOR



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/](https://www.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.

<b>LEGEND</b>	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		

<b>UNITS</b>	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 150566	X	0.90	12.1	2.13	X	0.33
0002 150567	X	0.98	5.0	2.01	X	0.36
0003 150568	8	1.10	4.0	1.81	X	0.36
0004 150569	X	1.00	2.2	1.84	X	0.39
0005 150570	X	0.34	2.7	1.87	X	0.39
0006 150571	1	0.29	2.3	1.78	X	0.30
0007 150572	10	0.31	2.4	1.75	X	0.29
0008 150573	X	0.23	1.9	1.80	X	0.31
0009 150574	8	0.79	31.4	1.84	X	0.32
0010 150575	368	5.88	5963.8	20.18	1.73	3.00
0011 150576	11	0.14	2.5	1.81	X	0.32
0012 150577	2	0.14	7.7	1.90	X	0.31
0013 150578	4	0.33	5.2	1.89	X	0.34
0014 150579	8	0.48	12.8	2.03	X	0.34
0015 150580	6	0.40	X	2.12	X	0.64
0016 150581	1	0.29	X	2.04	X	0.62
0017 150582	5	0.40	4.9	2.08	X	0.36
0018 150583	61	1.16	5.0	2.00	X	0.39
0019 150584	X	0.90	5.2	2.17	X	0.32
0020 150585	X	0.66	6.7	1.87	X	0.27
0021 150586	2	0.22	6.7	1.93	X	0.27
0022 150587	X	0.14	6.7	1.99	X	0.26
0023 150588	14	0.34	5.1	2.47	X	0.30
0024 150589	1	0.10	3.9	1.85	X	0.30
0025 150590	11	0.10	3.6	1.98	X	0.28
0026 150591	7	0.15	1.1	2.00	X	0.24
0027 150592	1	0.08	2.6	2.03	X	0.28
0028 150593	2	0.17	3.4	2.03	X	0.26
0029 150594	10	0.11	2.8	1.94	X	0.23
0030 150595	11	0.11	0.8	2.11	X	0.27
0031 150596	32	0.10	0.8	1.93	X	0.24
0032 150597	9	0.21	2.2	2.35	X	0.32
0033 150598	X	0.31	3.2	2.22	X	0.43
0034 150599	X	0.46	2.4	1.72	X	0.34
0035 150600	551	8.61	8929.1	23.75	2.37	4.47
0036 150601	1	0.18	1.9	1.41	X	0.18
0037 150602	3	0.50	1.9	1.87	X	0.31
0038 150603	1	0.19	2.3	1.96	X	0.33
0039 150604	32	1.07	3.3	1.93	X	0.27
0040 150605	7	0.39	0.8	1.83	X	0.30



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 150606	4	0.63	3.8	2.03	X	0.29
0042 150607	2	1.30	2.3	2.00	X	0.27
0043 150608	X	0.25	3.8	1.73	X	0.24
0044 150609	X	0.17	2.1	1.69	X	0.24
0045 150610	1	0.24	2.3	1.80	X	0.23
0046 150611	3	0.25	2.4	2.13	X	0.28
0047 150612	8	0.75	2.5	2.54	X	0.34
0048 150613	X	0.33	1.6	2.16	X	0.31
0049 150614	11	0.46	3.2	1.90	X	0.26
0050 150615	X	0.48	1.9	1.95	X	0.32
0051 150616	X	0.62	2.5	2.00	X	0.28
0052 150617	X	0.44	2.1	1.78	X	0.26
0053 150618	1	1.55	2.5	1.88	X	0.28
0054 150619	2	0.49	1.2	2.03	X	0.28
0055 150620	8	0.34	2.2	1.85	X	0.29
0056 150621	11	0.39	2.8	2.21	X	0.33
0057 150622	3	0.42	11.0	2.01	X	0.35
0058 150623	X	0.45	2.1	2.25	X	0.35
0059 150624	X	0.36	5.7	2.03	X	0.29
0060 150625	365	5.87	5879.4	19.66	1.78	3.05
0061 150626	1	0.13	4.6	2.19	X	0.29
0062 150627	1	0.20	3.9	2.01	X	0.26
0063 150628	7	0.62	4.9	2.15	X	0.30
0064 150629	X	0.70	6.8	1.99	X	0.22
0065 150630	X	0.97	7.5	2.21	X	0.25
0066 150631	2	0.54	3.8	2.26	X	0.24
0067 150632	3	0.56	12.6	2.55	X	0.26
0068 150633	5	0.48	6.2	2.22	X	0.32
0069 150634	5	0.33	5.2	2.19	X	0.23
0070 150635	2	0.34	6.0	2.10	X	0.21
0071 150636	12	0.12	3.8	2.20	X	0.24
0072 150637	1	0.32	8.0	2.23	X	0.20
0073 150638	2	0.51	7.2	2.03	X	0.19
0074 150639	5	0.35	3.3	2.06	X	0.19
0075 150640	3	0.29	5.6	2.47	X	0.21
0076 150641	14	0.33	1.0	2.07	X	0.21
0077 150642	3	0.82	8.4	2.24	X	0.21
0078 150643	1	0.23	6.9	2.24	X	0.19
0079 150644	4	0.81	4.5	2.32	X	0.20
0080 150645	1	0.90	4.0	2.45	X	0.20



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 150646	3	1.19	4.0	2.55	X	0.33
0082 150647	1	0.14	2.2	2.27	X	0.20
0083 150648	3	1.13	3.7	2.34	X	0.35
0084 150649	1	0.25	1.5	2.42	X	0.17
0085 150650	530	8.30	8613.0	22.51	2.38	4.32
0086 150651	X	0.27	4.4	1.25	X	0.16
0087 150652	2	0.18	9.9	2.03	X	0.31
0088 150653	X	0.19	2.4	2.21	X	0.21
0089 150654	X	0.22	2.4	1.98	X	0.19
0090 150655	X	0.53	1.5	1.93	X	0.20
0091 150656	3	1.63	12.8	2.80	0.07	0.26
0092 150657	X	0.27	3.7	1.91	X	0.23
0093 150658	X	0.37	2.7	1.69	X	0.20
0094 150659	X	0.52	4.1	1.76	X	0.24
0095 150660	X	0.25	2.9	1.77	X	0.22
0096 150661	3	0.24	3.7	1.92	X	0.22
0097 150662	2	0.30	3.7	2.15	X	0.24
0098 150663	X	0.34	2.4	2.28	X	0.23
0099 150664	X	0.23	2.3	2.06	X	0.23
0100 150665	X	0.18	1.7	2.03	X	0.24
0101 150666	X	0.20	1.9	2.20	X	0.25
0102 150667	7	0.17	1.2	2.24	X	0.36
0103 150668	X	0.27	1.8	2.12	X	0.29
0104 150669	1	0.45	1.9	2.21	X	0.39
0105 150670	1	0.12	2.6	1.57	X	0.19
0106 150671	X	0.66	2.1	1.71	X	0.21
0107 150672	X	0.22	2.2	1.68	X	0.21
0108 150673	X	0.09	1.3	1.84	X	0.21
0109 150674	2	0.29	2.0	1.76	X	0.22
0110 150675	337	5.23	5287.6	17.08	1.54	2.82
0111 150676	1	0.42	4.0	1.66	X	0.22
0112 150677	2	0.61	5.4	1.65	X	0.20
0113 150678	18	1.67	3.6	1.94	X	0.24
0114 150679	1	0.17	2.1	2.07	X	0.26
0115 150680	X	0.24	2.6	1.73	X	0.21
0116 150681	X	0.15	1.3	1.66	X	0.24
0117 150682	1	0.30	2.8	1.61	X	0.21
0118 150683	1	0.41	4.9	1.93	X	0.27
0119 150684	32	1.14	4.7	2.03	X	0.40
0120 150685	6	1.60	7.4	2.17	X	0.39



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 150686	X	0.10	3.3	2.07	X	0.27
0122 150687	X	0.22	1.3	1.90	X	0.30
0123 150688	1	0.13	3.0	2.18	X	0.25
0124 150689	X	0.41	3.9	1.89	X	0.22
0125 150690	X	0.35	4.7	1.72	X	0.18
0126 150691	6	0.79	31.3	1.73	X	0.19
0127 150692	31	1.97	12.1	1.81	X	0.20
0128 150693	6	0.43	8.6	2.04	X	0.19
0129 150694	5	0.25	4.8	2.19	X	0.20
0130 150695	5	0.26	3.0	1.98	X	0.23
0131 150696	1	0.67	7.4	1.84	X	0.20
0132 150697	1	0.39	5.2	1.96	X	0.24
0133 150698	28	0.39	5.0	1.93	X	0.20
0134 150699	2	0.62	4.6	2.12	X	0.26
0135 150700	565	8.73	9149.8	24.06	2.52	4.56
0136 150701	X	0.14	1.8	1.51	X	0.18
0137 150702	11	0.15	2.1	2.06	X	0.20
0138 150703	8	0.21	2.2	1.96	X	0.18
0139 150704	22	0.16	1.5	2.21	X	0.29
0140 150705	10	0.14	1.2	2.18	X	0.20
0141 150706	16	0.16	0.9	2.23	X	0.20
0142 150707	3	1.06	2.9	2.38	X	0.23
0143 150708	9	0.22	1.0	2.53	X	0.25
0144 150709	6	0.23	1.7	2.40	X	0.22
0145 150710	1	0.53	4.5	2.15	X	0.23
0146 150711	2	0.19	3.6	1.97	X	0.23
0147 150712	2	0.19	2.5	2.45	X	0.23
0148 150713	1	0.14	2.4	2.22	X	0.25
0149 150714	2	0.16	4.1	1.91	X	0.24
0150 150715	X	0.15	4.6	2.22	X	0.24
0151 150716	21	0.31	2.5	2.12	X	0.21
0152 150717	8	1.94	23.1	2.26	X	0.22
0153 150718	1	0.26	3.1	2.31	X	0.23
0154 150719	45	0.17	2.4	2.22	X	0.14
0155 150720	1	0.21	2.8	2.25	X	0.25
0156 150721	1	0.26	5.9	2.18	X	0.23
0157 150722	22	0.40	7.6	2.15	X	0.22
0158 150723	X	0.32	3.3	2.49	X	0.24
0159 150724	3	0.19	1.9	2.22	X	0.23
0160 150725	379	5.93	6216.5	20.53	1.81	2.96



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 150726	4	0.20	3.5	2.26	X	0.27
0162 150727	X	0.29	3.0	2.12	X	0.23
0163 150728	9	15.30	17.5	2.50	0.05	0.70
0164 150729	X	5.08	8.1	2.19	0.06	0.52
0165 150730	X	0.13	5.6	2.23	X	0.26
0166 150731	X	0.44	5.8	1.96	X	0.22
0167 150732	X	0.10	2.6	2.23	X	0.21
0168 150733	2	0.16	2.9	2.40	X	0.27
0169 150734	36	3.63	29.9	2.43	0.16	0.31
0170 150735	X	0.16	3.7	2.12	X	0.27
0171 150736	X	0.82	3.4	2.00	X	0.30
0172 150737	X	1.37	58.7	6.29	X	1.09
0173 150738	2	0.98	40.6	4.92	X	0.57
0174 150739	1	0.16	5.7	1.95	X	0.25
0175 150740	X	0.15	5.4	1.73	X	0.19
0176 150741	3	1.14	13.2	1.74	X	0.21
0177 150742	X	0.35	7.4	1.84	X	0.19
0178 150743	X	0.14	5.5	2.25	X	0.17
0179 150744	X	0.21	4.5	2.65	X	0.19
0180 150745	X	0.16	3.4	2.47	X	0.17
0181 150746	2	0.32	3.6	2.56	X	0.21
0182 150032	2	0.66	120.3	2.62	X	0.18
0183 150033	3	1.78	165.1	3.55	X	0.19
0184 150034	X	0.54	25.0	3.30	X	0.20
0185 150035	X	0.63	34.1	3.06	X	0.21
0186 150036	11	0.19	159.2	3.15	X	0.20
0187 150037	25	0.50	521.6	3.67	0.07	0.26
0188 150038	6	0.48	209.6	2.89	X	0.22
0189 150039	2	0.20	146.8	3.09	X	0.18
0190 150040	4	0.25	238.2	2.81	X	0.16
CHECKS						
0001 150567	X	0.94	5.0	2.03	X	0.37
0002 150617	X	0.47	2.2	1.83	X	0.28
0003 150645	3	0.96	4.0	2.39	X	0.19
0004 150666	X	0.18	2.1	2.07	X	0.22
0005 150685	7	1.71	6.6	2.11	X	0.39
0006 150709	2	0.22	2.0	2.54	X	0.24
0007 150744	X	0.19	4.3	2.72	X	0.24



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
STANDARDS						
0001 OREAS 45f	17	0.17	342.7	13.99	X	0.30
0002 OREAS 45h	34	0.12	687.2	17.49	X	0.34
0003 OREAS 501d	220	1.27	2664.7	3.19	0.37	1.50
0004 OREAS 45f	17	0.13	301.9	12.68	X	0.25
0005 OREAS 45f	18	0.13	299.1	12.37	X	0.27
0006 OREAS 45h	40	0.13	756.6	18.88	X	0.34
0007 OREAS 501d	235	1.30	2753.5	3.26	0.40	1.48
0008 OREAS 45h	37	0.21	747.7	19.09	X	0.37
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	0.5	0.01	X	X
0006 Control Blank	X	X	X	X	X	X
0007 Control Blank	X	X	X	X	X	X
0008 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 09/12/22 13:10	NTEL Lab Darwin Aqua-Regia digest. Analysed by Inductively Coupled Plasma Mass Spectrometry.	*

\* Denotes not on Scope of Accreditation