

DY

010993

DY

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DGN MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755

TELEX 06-986947

CERTIFICATE OF ANALYSIS

TO: CYPRUS-ANVIL MINING CORP.  
ATTN: BRIAN HALL  
330, 355 BARRARD ST.,  
VANCOUVER, B.C.  
V6C 2G8

CUSTOMER NO. 76

DATE SUBMITTED  
4-MAY-81

REPORT 11380

REF. FILE 7063-G1

67 SAMPLES

WERE ANALYSED AS FOLLOWS:

	UNITS	METHOD	DETECTION LIMIT
CO2	%	WET	0.100
NA2O	%	XRF	0.010
MGO	%	XRF	0.010
AL2O3	%	XRF	0.010
SI02	%	XRF	0.010
P2O5	%	XRF	0.010
S	%	XRF	0.010
K2O	%	XRF	0.010
CAO	%	XRF	0.010
TIO2	%	XRF	0.010
MNO	%	XRF	0.010
FE2O3	%	XRF	0.010
RB	PPM	XRF	10.000
SR	PPM	XRF	10.000
ZR	PPM	XRF	10.000
BA	PPM	XRF	20.000
BA	PPM	XRF	20.000
CR2O3	PPM	XRF	10.000

X-RAY ASSAY LABORATORIES LIMITED

DATE 03-JUN-81

CERTIFIED BY 

SAMPLE	CO2 %	S %
DY101	6.5	0.12
DY102	8.8	0.25
DY103	6.2	0.56
DY104	0.5	0.12
DY105	0.8	0.17
DY106	4.0	1.74
DY112	2.5	1.23
DY113	2.7	0.89
DY114	3.1	2.59
DY116	3.6	1.40
DY122	12.1	1.00
DY126	0.6	0.56
DY127	14.2	0.11
DY129	4.2	0.48
DY132	0.7	0.44
DY133	0.5	3.05
DY134	0.4	0.72
DY136	1.0	2.27
DY138	0.4	0.25
DY154	--	--
DY160	--	--
DY161	--	--
DY163	--	--
DY164	--	--
DY167	--	--
DY169	--	--
DY170	--	--
DY173	--	--
DY180	0.1	0.18
DY183	3.4	0.44
DY184	0.2	0.43
DY185	1.8	0.63
DY196	0.7	7.80
DY197	0.4	6.89
DY198	2.3	4.19
DY202	1.4	9.03
DY203	0.8	4.62
DY204	1.0	0.39
DY207	0.1	0.18
DY211	0.2	0.14
DY214	0.6	0.43
DY216	7.8	0.21
DY217	0.6	0.59
DY218	0.4	0.47
DY219	2.8	0.71
DY220	7.0	0.04
DY221	2.6	0.20
DY225	0.2	0.16
DY227	0.6	3.58
DY230	11.3	0.10
DY231	7.2	0.02
DY232	0.4	0.10
DY234	19.1	0.03
DY236	1.0	0.41
DY242	0.7	0.08

SAMPLE	CO2 %	S %
DY251	0.5	0.04
DY252	14.0	0.04
DY254	19.6	0.06
DY255	10.4	0.55
DY261	--	--
DY262	--	--
DY263	--	--
DY264	--	--
DY265	--	--
DY266	--	--
DY267	--	--
DY268	--	--

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RR R

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AA AA  
AA AA  
AAAAAAA  
AA AA  
AA AA  
AA AA

## MAJOR ELEMENTS

## CYPRUS-ANVIL MINING

03-JUN-81

SAMPLES RECEIVED FROM REF FILE #7063-G1

03-JUN-81

## X-RAY ASSAY LABORATORIES

SAMPLE	SI02	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	MNO	TiO2	P2O5	LOI	SUM
DY211	62.2	16.6	0.23	2.82	0.65	2.56	9.63	0.04	0.65	0.12	3.85	99.3
DY214	57.1	24.4	0.28	1.02	0.33	6.53	3.23	0.05	0.90	0.09	4.23	98.1
DY216	39.2	12.0	12.2	8.23	0.16	1.67	11.8	0.30	1.41	0.17	9.00	96.1
DY217	61.8	16.8	0.32	1.36	0.21	4.52	9.51	0.27	0.72	0.13	3.39	99.0
DY218	57.5	18.8	0.68	1.76	0.42	4.48	8.81	0.12	0.74	0.09	3.62	97.1
DY219	52.6	16.6	4.29	2.21	0.25	4.81	10.3	0.46	1.33	0.20	3.16	96.2
DY220	48.1	12.9	8.72	6.56	0.11	1.95	9.91	0.21	0.96	0.17	9.31	98.8
DY221	62.0	18.0	0.40	0.88	0.23	5.84	6.31	0.39	0.77	0.11	5.23	100.1
DY225	57.5	19.4	0.24	2.16	0.26	4.35	9.16	0.05	0.81	0.13	3.93	98.1
DY227	66.3	11.7	0.80	1.02	0.24	3.06	10.3	0.12	0.62	0.12	3.77	98.1
DY230	46.6	11.8	16.9	2.61	2.88	1.19	4.44	0.12	0.61	0.15	12.3	99.5
DY231	48.0	13.6	9.78	5.76	2.00	0.74	9.41	0.14	1.44	0.20	8.77	99.8
DY232	60.4	20.5	0.38	1.93	1.39	3.98	6.26	0.03	0.87	0.11	3.77	99.6
DY234	34.4	9.04	13.9	12.3	0.16	1.34	7.09	0.21	0.75	0.16	21.0	100.3
DY236	59.7	18.5	0.83	1.32	0.26	5.08	7.17	0.21	0.72	0.30	5.00	99.1
DY242	55.3	19.4	1.22	3.74	0.60	4.39	7.29	0.06	0.79	0.12	3.93	96.9
DY251	60.9	18.3	0.68	3.03	0.50	3.43	6.61	0.02	0.64	0.13	4.39	98.6
DY252	44.4	13.6	12.9	3.99	0.09	1.75	5.58	0.08	0.56	0.15	18.2	101.2
DY254	32.8	8.14	26.3	3.03	0.38	1.91	3.11	0.15	0.33	0.12	23.6	100.0
DY255	51.2	13.6	8.54	3.21	0.09	3.54	5.71	0.06	0.51	0.48	11.5	98.4

03-JUN-81

## X-RAY ASSAY LABORATORIES

SAMPLE	SI02	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	MNO	TIO2	P2O5	LOI	SUM
DY101	51.4	18.0	0.91	10.2	0.21	2.91	5.19	0.01	0.76	0.09	10.6	100.2
DY102	36.1	7.05	6.99	21.4	0.07	0.16	11.9	0.17	0.82	0.10	14.8	99.6
DY103	57.8	13.3	5.84	2.62	0.39	2.51	7.79	0.25	0.52	0.11	5.77	96.9
DY104	68.6	15.8	0.40	1.69	0.42	3.22	5.42	0.03	0.66	0.14	3.85	100.2
DY105	50.3	24.3	0.80	2.18	0.63	4.95	9.85	0.12	1.07	0.13	4.31	98.6
DY106	62.1	18.3	1.29	0.99	0.52	4.42	8.07	0.19	0.86	0.11	3.62	100.5
DY112	67.8	10.1	0.61	1.94	0.18	2.20	11.2	0.16	0.42	0.07	5.00	99.7
DY113	60.2	16.1	0.32	1.89	0.29	3.80	11.1	0.11	0.61	0.06	3.85	98.3
DY114	65.2	12.4	0.90	1.44	0.16	2.71	11.6	0.12	0.50	0.06	4.54	99.6
DY116	48.9	21.4	0.53	1.79	0.28	5.07	9.36	0.28	1.11	0.27	7.70	96.7
DY122	31.8	12.1	6.42	6.26	2.74	0.62	8.88	0.26	1.48	0.15	9.54	80.3
DY126	65.8	16.2	0.23	1.10	0.21	4.54	6.60	0.12	0.76	0.11	3.31	99.0
DY127	34.1	5.72	9.00	21.4	0.10	0.04	11.0	0.22	0.81	0.09	17.4	99.9
DY129	52.2	20.3	0.69	2.12	0.37	4.66	7.38	0.07	0.82	0.14	7.39	96.1
DY132	62.5	17.4	0.28	1.49	0.39	4.04	7.73	0.13	0.82	0.12	3.16	98.0
DY133	56.4	14.8	0.52	1.69	0.23	3.50	15.7	0.64	0.84	0.18	4.16	98.7
DY134	56.6	19.2	0.39	2.18	0.46	4.27	11.0	0.17	0.99	0.16	3.93	99.3
DY136	61.2	14.6	2.80	1.59	0.29	3.67	7.89	0.21	0.83	0.17	2.93	96.1
DY138	57.4	19.9	0.29	2.21	0.72	3.83	8.41	0.12	1.12	0.11	4.47	98.6
DY180	58.6	19.2	0.29	2.07	1.59	3.47	8.79	0.10	0.98	0.11	3.47	98.7
DY183	63.2	14.6	3.61	2.07	0.28	3.34	4.51	0.07	0.57	0.06	4.00	96.2
DY184	55.4	19.4	0.38	8.78	0.26	3.09	4.99	0.01	0.79	0.18	5.62	98.9
DY185	46.4	25.3	0.79	3.61	0.43	5.48	6.70	0.03	1.16	0.11	7.62	97.6
DY196	65.2	5.60	0.31	0.30	0.26	1.57	14.9	0.01	0.24	0.02	10.8	99.3
DY197	69.4	6.00	0.13	0.22	0.77	1.64	8.90	0.01	0.27	0.03	5.85	93.3
DY198	70.0	5.12	1.48	0.69	1.01	1.42	3.72	0.13	0.22	0.02	3.62	87.4
DY202	66.7	4.85	1.09	0.47	0.50	1.17	13.3	0.12	0.22	0.02	7.93	96.3
DY203	59.8	11.4	0.24	1.02	1.16	2.73	5.67	0.16	0.49	0.03	4.62	87.3
DY204	56.1	21.6	1.45	1.95	0.82	4.49	6.37	0.07	0.91	0.15	3.54	97.4
DY207	55.5	21.9	0.25	2.23	0.39	4.51	8.14	0.05	0.92	0.13	4.31	98.3

X	X	RRRRR	A
XX	XX	RR RR	AAA
XX	XX	RR RR	AA AA
XXX		RR RR	AA AA
XXX		RRRRR	AAAAAAA
XX	XX	RR RR	AA AA
XX	XX	RR RR	AA AA
X	X	RR R	AA AA

**MINOR ELEMENTS**

**CYPRUS-ANVIL MINING**

03-JUN-81

SAMPLES RECEIVED FROM REF FILE #7063-G1

03-JUN-81

## X-RAY ASSAY LABORATORIES

SAMPLE	BA	CR203	ZR	SR	RB
DY101	590	180	150	60	110
DY102	460	1850	80	320	10
DY103	990	160	70	130	100
DY104	2210	230	90	60	140
DY105	1820	220	150	100	200
DY106	1680	200	130	100	180
DY112	1610	230	50	40	150
DY113	2400	210	70	60	150
DY114	1120	220	50	50	170
DY116	17790	210	150	110	180
DY122	61668	540	130	490	30
DY126	1710	240	110	40	180
DY127	250	2360	50	240	10
DY129	18600	230	110	80	170
DY132	7660	200	90	30	150
DY133	1150	230	150	30	140
DY134	1310	190	130	50	160
DY136	5240	180	120	60	130
DY138	1280	170	190	80	150
DY180	920	130	140	60	120
DY183	4980	150	70	90	120
DY184	3300	170	130	30	130
DY185	10180	230	230	60	180
DY196	640	210	0	0	130
DY197	900	230	10	0	70
DY198	590	180	20	10	20
DY202	6320	300	30	60	30
DY203	16500	190	20	20	50
DY204	5470	180	130	120	170
DY207	5890	170	110	60	180

03-JUN-81

## X-RAY ASSAY LABORATORIES

SAMPLE	BA	CR203	ZR	SR	RB
DY211	760	210	80	80	100
DY214	6530	200	100	60	230
DY216	1500	860	120	370	60
DY217	1130	200	90	30	210
DY218	670	180	90	40	190
DY219	840	180	100	60	220
DY220	380	390	110	150	90
DY221	730	210	110	30	220
DY225	570	210	90	30	190
DY227	5680	220	60	30	130
DY230	390	80	190	420	40
DY231	240	130	120	290	40
DY232	3940	170	150	100	170
DY234	1440	720	130	790	60
DY236	1390	210	90	60	200
DY242	3330	170	160	80	170
DY251	840	180	90	120	140
DY252	550	180	190	240	70
DY254	530	30	180	680	50
DY255	1010	130	110	250	130

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AAAAAAA  
AA AA  
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AA AA

MINOR ELEMENTS

CYPRUS-ANVIL MINING

03-JUN-81

SAMPLES RECEIVED FROM REF FILE #7063-G1

03-JUN-81

X-RAY ASSAY LABORATORIES

SAMPLE	BA
DY154	9030
DY160	3910
DY161	3530
DY163	2690
DY164	1630
DY167	2220
DY169	6490
DY170	1930
DY173	35136
DY261	490
DY262	440
DY263	330
DY264	500
DY265	670
DY266	2760
DY267	730
DY268	1970