

ANALYSIS REPORT



**Australian
Assay
Laboratories
Group**

PINE CREEK: Lot 174 Ward St, Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

116C
21 JUN 1989

CYPRUS GOLD AUSTRALIA CORP

REPORT : PC 017951 3 Page(s) Date : 13/06/89

Client reference : E 23776

Cost code :

Copies to : GRAHAM MILLER

Samples : Type Preparation code
Received : 06/06/89

Analysis	Code	Quality Parameter	Detection	Units
Au	FA50	Acc. ± 15 %	0.01	ppm
Au(R)	FA50	Acc. ± 15 %	0.01	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT



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REPORT : PC 017951

Page 1 of 3

Sample	Au	Au(R)
498001	0.03	
498002	0.03	
498003	0.01	
498004	<0.01	
498005	<0.01	
498006	0.02	
498007	0.02	
498008	0.07	
498009	0.11	0.10
498010	0.02	
498011	<0.01	0.03
498012	0.01	
498013	<0.01	
498014	<0.01	
498015	<0.01	
498016	<0.01	
498017	0.01	
498018	<0.01	
498019	0.01	
498020	0.02	
498021	0.03	
498022	0.08	0.07
498023	0.58	0.66
498024	2.05	2.04
498025	0.84	0.76

Data in ppm unless otherwise stated.

ANALYSIS REPORT



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REPORT : PC 017951

Page 2 of 3

Sample	Au	Au(R)
498026	0.13	
498027	0.05	
498028	0.02	
498029	0.01	
498030	<0.01	
498031	0.06	
498032	0.06	
498033	0.04	0.02
498034	0.03	
498035	<0.01	
498036	0.01	
498037	0.01	
498038	0.01	
498039	0.01	
498040	<0.01	
498041	<0.01	
498042	0.01	
498043	<0.01	<0.01
498044	<0.01	
498045	0.02	
498046	0.03	
498047	<0.01	
498048	0.01	0.01
498049	0.01	
498050	<0.01	

Data in ppm unless otherwise stated.

ANALYSIS REPORT



**Australian
Assay
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REPORT : FC 017951

Page 3 of 3

Sample	Au	Au(R)
498051	0.01	
498052	<0.01	
498053	0.01	
498054	<0.01	
498055	0.05	
498056	0.02	0.03
498057	<0.01	
498058	<0.01	
498059	0.01	
498060	0.01	

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CYPRUS GOLD AUSTRALIA CORP

REPORT : PC 017984 2 Page(s) Date : 23/06/89

Client reference : E23778

Cost code :

Copies to : GRAHAM MILLER

Samples : Type Preparation code
Received : 08/06/89

Analysis	Code	Quality Parameter	Detection	Units
Au	FA50	Acc. ± 15 %	0.01	ppm
Au(R)	FA50	Acc. ± 15 %	0.01	ppm
J	D100	Prec. ± 10 %	1	ppm
As	D100	Prec. ± 10 %	2	ppm
Ag	D100	Prec. ± 10 %	2	ppm
Pb	D100	Prec. ± 10 %	5	ppm
Zn	D100	Prec. ± 10 %	2	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT

**Australian
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REPORT : PC 017984

Page 1 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
499001	0.02		—	—	—	—	—
499002	<0.01		—	—	—	—	—
499003	<0.01	<0.01	—	—	—	—	—
499004	<0.01		—	—	—	—	—
499005	0.01		—	—	—	—	—
499006	<0.01		—	—	—	—	—
499007	0.22	0.25	4	4400	182	550	134
499008	0.04		3	2200	75	230	44
499009	0.06		2	2600	56	180	34
499010	0.01		4	3400	148	140	72
499011	<0.01		3	3200	82	120	58
499012	<0.01	<0.01	2	1440	42	50	46
499013	<0.01		1	1310	50	20	38
499014	<0.01		2	1220	58	20	67
499015	<0.01		2	660	48	10	78
499016	<0.01		2	1050	56	30	101
499017	<0.01		1	240	65	40	339
499018	<0.01		1	1150	26	10	223
499019	<0.01		—	—	—	—	—
499020	<0.01		—	—	—	—	—
499021	<0.01		—	—	—	—	—
499022	<0.01		—	—	—	—	—
499023	<0.01		—	—	—	—	—
499024	<0.01		—	—	—	—	—
499025	<0.01		—	—	—	—	—

Data in ppm unless otherwise stated.

ANALYSIS REPORT

**Australian
Assay
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REPORT : FC 017984

Page 2 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
499026	<0.01		—	—	—	—	—
499027	<0.01		—	—	—	—	—
499028	<0.01		—	—	—	—	—
499029	<0.01		—	—	—	—	—
499030	<0.01	<0.01	—	—	—	—	—
499031	<0.01		—	—	—	—	—
499032	<0.01		—	—	—	—	—
499033	<0.01		—	—	—	—	—
499034	<0.01		—	—	—	—	—
499035	<0.01	<0.01	—	—	—	—	—
499036	<0.01		—	—	—	—	—

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Ph (089) 761 262 Fax 761 310

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CYPRUS GOLD AUSTRALIA CORP

REPORT : PC 017985 2 Page(s) Date : 26/06/89

Client reference : E23779

Cost code :

()ies to : GRAHAM MILLER

Samples : Type Preparation code
Received : 08/06/89

Analysis	Code	Quality Parameter	Detection	Units
Au(R)	FA50	Acc. ± 15 %	0.01	ppm
Ag	D100	Prec. ± 10 %	1	ppm
Cu	D100	Prec. ± 10 %	2	ppm
Pb	D100	Prec. ± 10 %	5	ppm
Zn	D100	Prec. ± 10 %	2	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT



**Australian
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REPORT : FC 017985

Page 1 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
500001	0.11		—	—	—	—	—
500002	0.11		—	—	—	—	—
500003	0.07		—	—	—	—	—
500004	0.06		—	—	—	—	—
500005	0.04	0.04	—	—	—	—	—
500006	0.08		—	—	—	—	—
500007	0.05		—	—	—	—	—
500008	0.06		—	—	—	—	—
500009	0.07		—	—	—	—	—
500010	0.05		4	2900	174	530	94
500011	0.04		3	2900	115	590	57
500012	0.16		9	6300	234	610	114
500013	0.13		4	1.10%	114	410	43
500014	0.07		1	8600	53	670	40
500015	0.08		1	9200	70	370	22
500016	0.06		2	2600	56	360	16
500017	0.03		2	3800	55	520	12
500018	0.05		3	4400	59	850	16
500019	0.03		7	6200	113	3400	34
500020	0.11		4	3300	369	2900	208
500021	0.07	0.06	9	3700	172	1960	66
500022	0.12		96	2.17%	58	5620	51
500023	0.19		87	1.08%	620	3420	35
500024	0.05		—	—	—	—	—
500025	0.06		—	—	—	—	—

Data in ppm unless otherwise stated.



ANALYSIS REPORT

REPORT : FC 017985

Page 2 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
500026	0.06		---	---	---	---	---
500027	0.04		---	---	---	---	---
500028	0.06		---	---	---	---	---
500029	0.05		---	---	---	---	---
500030	0.05		---	---	---	---	---
500031	0.04	0.06	---	---	---	---	---
500032	0.01		---	---	---	---	---
500033	0.05		---	---	---	---	---
500034	0.14		---	---	---	---	---
500035	1.68	1.56	---	---	---	---	---
500036	0.29	0.23	---	---	---	---	---

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PO Box 41, Pine Creek 0847
Ph (089) 761 262 Fax 761 310

CYPRUS GOLD AUSTRALIA CORP

REPORT : PC 017986 2 Page(s) Date : 23/06/89

Client reference : E23780

Cost code :

Copies to : GRAHAM MILLER

Samples : Type Preparation code
Received : 08/06/89

Analysis	Code	Quality Parameter	Detection	Units
Au	FA50	Acc. ± 15 %	0.01	ppm
Au(R)	FA50	Acc. ± 15 %	0.01	ppm
J	D100	Prec. ± 10 %	1	ppm
As	D100	Prec. ± 10 %	2	ppm
	D100	Prec. ± 10 %	2	ppm
Pb	D100	Prec. ± 10 %	5	ppm
Zn	D100	Prec. ± 10 %	2	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT



**Australian
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REPORT : FC 017986

Page 1 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
501001	0.02		—	—	—	—	—
501002	0.01	<0.01	—	—	—	—	—
501003	<0.01		—	—	—	—	—
501004	0.01		—	—	—	—	—
501005	<0.01		—	—	—	—	—
501006	0.01		—	—	—	—	—
501007	0.01		—	—	—	—	—
501008	0.02		—	—	—	—	—
501009	<0.01		—	—	—	—	—
501010	0.04		—	—	—	—	—
501011	0.14		—	—	—	—	—
501012	<0.01		—	—	—	—	—
501013	0.01		—	—	—	—	—
501014	0.01		—	—	—	—	—
501015	0.04		—	—	—	—	—
501016	0.18		—	—	—	—	—
501017	0.03		4	2100	35	2680	12
501018	0.02		5	1820	36	1690	14
501019	0.04		7	1200	30	520	12
501020	<0.01		3	1540	31	350	33
501021	0.02		8	1730	74	1530	20
501022	<0.01		4	1530	94	380	17
501023	0.02		7	2030	95	360	47
501024	<0.01		4	1960	90	50	13
501025	<0.01		—	—	—	—	—

Data in ppm unless otherwise stated.

ANALYSIS REPORT



**Australian
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REPORT : FC 017986

Page 2 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
501026	<0.01		—	—	—	—	—
501027	<0.01	<0.01	—	—	—	—	—
501028	<0.01		—	—	—	—	—
501029	<0.01		—	—	—	—	—
501030	<0.01		—	—	—	—	—

Data in ppm unless otherwise stated.

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PINE CREEK, Lot 174 Ward St, Pine Creek 0847
 PO Box 41, Pine Creek 0847
 Ph (089) 761 262 Fax 761 310

CYPRUS GOLD AUSTRALIA CORP

REPORT : FC 018014 1 Page(s) Date : 23/06/89

Client reference : E23781

Cost code :

Notes to : GRAHAM MILLER

1164

Samples : Type : Preparation code
 Received : 09/06/89

Analysis	Code	Quality Parameter	Detection	Units
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Ag	FASO	Acc. ± 15 %	0.01	ppm
Au(R)	FASO	Acc. ± 15 %	0.01	ppm
Ag	D100	Prec. ± 10 %	1	ppm
As	D100	Prec. ± 10 %	2	ppm
Pb	D100	Prec. ± 10 %	2	ppm
Zn	D100	Prec. ± 10 %	2	ppm

ANALYSIS REPORT

**Australian
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REPORT : PC 018014

Page 1 of 1

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
502001	0.40		2	1110	97	370	21
502002	0.38		3	2100	98	820	19
502003	0.21		4	2000	80	1260	18
502004	0.06	0.07	2	1480	51	1270	14
502005	0.10		1	820	33	1070	11
502006	1.19	1.25	3	1750	64	369	13
502007	0.15		—	—	—	—	—
502008	0.18		—	—	—	—	—
502009	0.15		—	—	—	—	—
502010	0.10		—	—	—	—	—
502011	0.08		—	—	—	—	—
502012	3.14	2.97	5	3100	121	271	15
502013	2.40	2.94	4	3300	146	145	14
502014	1.21	1.45	4	7400	230	49	27
502015	1.47		4	5000	156	59	24
502016	0.82		—	—	—	—	—
502017	0.37	0.37	—	—	—	—	—
502018	0.43		—	—	—	—	—
502019	0.17		—	—	—	—	—
502020	0.26		—	—	—	—	—

Data in ppm unless otherwise stated.

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PO Box 41, Pine Creek 0847
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CYPRUS GOLD AUSTRALIA CORP

REPORT : PC 018015 1 Page(s) Date : 26/06/89

Client reference : E23782

Test code :

Copies to : GRAHAM MILLER

Samples : Type Preparation code
Received : 09/06/89

Analysis	Code	Quality Parameter	Detection	Units
Au	FA50	Acc. ± 15 %	0.01	ppm
Au(R)	FA50	Acc. ± 15 %	0.01	ppm
Ag	D100	Prec. ± 10 %	1	ppm
As	D100	Prec. ± 10 %	2	ppm
Cd	D100	Prec. ± 10 %	2	ppm
Pb	D100	Prec. ± 10 %	5	ppm
Zn	D100	Prec. ± 10 %	2	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT



**Australian
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REPORT : FC 018015

Page 1 of 1

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
503001	0.48	0.51	—	—	—	—	—
503002	0.17		—	—	—	—	—
503003	0.29		—	—	—	—	—
503004	0.21	0.23	—	—	—	—	—
503005	0.27	0.31	—	—	—	—	—
503006	0.20		—	—	—	—	—
503007	0.13		—	—	—	—	—
503008	0.22		—	—	—	—	—
503009	1.50		—	—	—	—	—
503010	0.65		—	—	—	—	—
503011	0.38		—	—	—	—	—
503012	4.70	5.22	4	2.37%	950	308	54
503013	2.00	2.56	2	3700	1010	73	37
503014	0.35		1	1680	278	26	36
503015	0.52		1	2200	248	15	171
503016	0.34	0.33	1	1900	300	19	66
503017	0.28		1	2200	365	31	148
503018	2.00		2	2200	381	46	89
503019	3.88	3.53	3	2200	253	185	368
503020	3.41	3.44	2	3200	303	70	1810
503021	1.50		2	2100	410	65	5640
503022	2.17	2.56	2	1660	640	479	6310
503023	1.52		—	—	—	—	—
503024	1.48	1.32	—	—	—	—	—

Data in ppm unless otherwise stated.

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Ph (089) 761 262 Fax 761 310

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CYPRUS GOLD AUSTRALIA CORP

REPORT : PC 018016 2 Page(s) Date : 26/06/89

Client reference : E23783

Cost code :

Copies to : GRAHAM MILLER

Samples : Type Preparation code
Received : 09/06/89

Analysis	Code	Quality Parameter	Detection	Units
Li	FA50	Acc. ± 15 %	0.01	ppm
Au(R)	FA50	Acc. ± 15 %	0.01	ppm
Ag	D100	Prec. ± 10 %	1	ppm
As	D100	Prec. ± 10 %	2	ppm
Al	D100	Prec. ± 10 %	2	ppm
Pb	D100	Prec. ± 10 %	5	ppm
Zn	D100	Prec. ± 10 %	2	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT



**Australian
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REPORT : FC 018016

Page 1 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
504001	0.10		—	—	—	—	—
504002	0.07		—	—	—	—	—
504003	0.06		—	—	—	—	—
504004	<0.01		—	—	—	—	—
504005	0.03		—	—	—	—	—
504006	<0.01		<1	310	37	64	74
504007	<0.01		<1	260	52	98	70
504008	0.12		<1	170	46	105	68
504009	0.03		<1	180	44	91	84
504010	0.10		<1	160	60	58	83
504011	0.05	0.02	<1	270	89	47	44
504012	<0.01		<1	370	79	35	30
504013	0.01		<1	102	89	26	26
504014	0.08		<1	72	119	28	30
504015	0.06		<1	66	97	27	33
504016	0.08		<1	510	52	59	43
504017	0.16		—	—	—	—	—
504018	0.02		—	—	—	—	—
504019	<0.01	0.01	<1	320	63	61	47
504020	0.02		<1	530	155	50	244
504021	0.06		1	103	510	50	452
504022	0.03		1	230	413	42	960
504023	0.01		2	820	670	84	940
504024	0.12		3	2570	288	195	221
504025	0.02		3	1210	740	73	780

Data in ppm unless otherwise stated.

ANALYSIS REPORT

**Australian
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REPORT : PC 018016

Page 2 of 2

Sample	Au	Au(R)	Ag	As	Cu	Pb	Zn
504026	0.09		—	—	—	—	—
504027	<0.01		—	—	—	—	—
504028	<0.01		—	—	—	—	—
504029	<0.01		—	—	—	—	—
504030	<0.01		—	—	—	—	—
504031	<0.01		—	—	—	—	—
504032	0.03	0.01	—	—	—	—	—
504033	1.78	1.66	4	2430	800	141	104
504034	0.50	0.56	4	540	600	71	80
504035	0.12		<1	170	46	30	35
504036	1.90	1.88	3	2890	540	59	82
504037	1.76	1.72	2	1980	580	48	61
504038	0.07	0.08	—	—	—	—	—
504039	0.07		—	—	—	—	—
504040	0.04		—	—	—	—	—
504041	0.04		—	—	—	—	—
504042	0.03		—	—	—	—	—

Data in ppm unless otherwise stated.