

APPENDIX

1. DRILLHOLE COLLAR LEDGER

UNION REEFS GOLD MINE

1999 EXPLORATION DRILLING - COLLAR DATA

HOLE ID	HOLE TYPE	NORTH	EAST	RL	Area	TOTAL DEPTH (m)	BASE OXIDATION (m)	TOP FRESH (m)	DEPTH TO WATER (m)	WATER FLOW	DRILL DATE
PZ001	RC	8185.67	5195.01	1166.19	BORE	40	3	10	12	HIGH	23-Jul-99
PZ002	RC	8253.94	5127.4	1166.48	BORE	40	5	11	15	HIGH	26-Jul-99
PZ005	RC	8423.17	5216.76	1171.55	BORE	40	5	17	20	HIGH	22-Jul-99
PZ006	RC	8379.88	5188.11	1172.81	BORE	40	18	19	18	HIGH	22-Jul-99
PZ007	RC	8398.64	5273.63	1166.37	BORE	40	7	13	7	HIGH	21-Jul-99
PZ008	RC	9102.38	4950.87	1160.02	BORE	40	8	10	7	HIGH	26-Jul-99
PZ009	RC	9097.75	4997.36	1156.77	BORE	40	3	9	7	HIGH	26-Jul-99
PZ010	RC	9048.78	4949.83	1156.63	BORE	40	5	7	7	HIGH	26-Jul-99
URP50504	RC	5049.62	4930.7	1184.59	MILLARS	65	15	33	24	HIGH	13-Sep-99
URP51008	RC	5099.94	4936.94	1182.09	MILLARS	70	12	29	24	HIGH	13-Sep-99
URP51201	RC	5125.09	4935.96	1183.58	MILLARS	70	9	33	22	HIGH	13-Sep-99
URP51202	RC	5126.74	4956.73	1183.57	MILLARS	40	14	27	20	HIGH	11-Sep-99
URP51504	RC	5147.59	4941.97	1184.62	MILLARS	90	12	28	24	HIGH	14-Sep-99
URP51701	RC	5173.03	4973.06	1185.27	MILLARS	50	26	30		NONE	11-Sep-99
URP51702	RC	5174.59	4994.69	1184.26	MILLARS	90	15	27	77	LOW	11-Sep-99
URP52201	RC	5224.59	4975.2	1188.02	MILLARS	50	30	37		NONE	11-Sep-99
URP52202	RC	5222.69	4997.05	1186.9	MILLARS	80	30	34	65	LOW	11-Sep-99
URP52503	RC	5252.31	4962.06	1191.92	MILLARS	75	30	41	67	LOW	14-Sep-99
URP52801	RC	5280.15	4975.92	1186.99	MILLARS	60	33	40	51	LOW	15-Sep-99
URP52802	RC	5281.87	4999.71	1187.25	MILLARS	90	16	37	77	LOW	09-Sep-99
URP53006	RC	5298.81	4974.42	1186.91	MILLARS	45	28	37	42	LOW	11-Sep-99
URP53007	RC	5301.87	5007.72	1187.89	MILLARS	120	16	38	72	LOW	09-Sep-99

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HOLE ID	HOLE TYPE	NORTH	EAST	RL	Area	TOTAL DEPTH (m)	BASE OXIDATION (m)	TOP FRESH (m)	DEPTH TO WATER (m)	WATER FLOW	DRILL DATE
URP55509	RC	5550.5	4858.06	1197.6	CROSS STH	90	32	51	82	MEDIUM	08-Sep-99
URP55701	RC	5575.7	4843.38	1197.49	CROSS STH	50	22			NONE	08-Sep-99
URP55702	RC	5574.95	4858.87	1196.74	CROSS STH	90	28	45	80	LOW	08-Sep-99
URP56021	RC	5600.2	4857.96	1195.91	CROSS STH	90	27	43	40	HIGH	31-Jul-99
URP56509	RC	5650.28	4889.31	1196.63	CROSS STH	150	37	41	25	MEDIUM	30-Jul-99
URP56701	RC	5676.24	4840.48	1203.48	CROSS STH	60	35	53		NONE	01-Aug-99
URP56702	RC	5675.75	4864.76	1199.99	CROSS STH	90	33	46		NONE	31-Jul-99
URP56703	RC	5675.12	4889.78	1197.71	CROSS STH	140	39	45	24	MEDIUM	29-Jul-99
URP57008	RC	5699.95	4870.77	1202.08	CROSS STH	130	26	48	36	MEDIUM	28-Jul-99
URP57009	RC	5700.05	4899.36	1200.5	CROSS STH	165	37	45	25	MEDIUM	26-Jul-99
URP57508	RC	5751.64	4884.53	1194.54	CROSS STH	130	20	37	27	LOW	23-Jul-99
URP57701	RC	5772.64	4850.2	1205.4	CROSS STH	87	21	65	78	LOW	01-Aug-99
URP57702	RC	5774.67	4874.65	1196.62	CROSS STH	110	26	30	58	LOW	03-Aug-99
URP57703	RC	5774.89	4900	1188.63	CROSS STH	150	32	38	20	LOW	21-Jul-99
URP58021	RC	5800.62	4906.36	1187.87	CROSS STH	150	29	40	44	LOW	29-Jun-99
URP58202	RC	5825.4	4911.72	1189.14	CROSS STH	150	32	38	40	LOW	29-Jun-99
URP58513	RC	5849.71	4910.12	1188.38	CROSS STH	130	21	34	20	LOW	21-Jul-99
URP58703	RC	5877.77	4900.16	1183.87	CROSS STH	150	17	24	39	LOW	19-Jul-99
URP59801	RC	5979.71	4866.36	1179.3	CROSS STH	118	10	17	22	HIGH	21-Jun-99
URP59802	RC	5980.86	4888	1181.1	CROSS STH	124	11	17	23	HIGH	25-Jun-99
URP59803	RC	5979.98	4915.27	1185.51	CROSS STH	200	16	27	45	MEDIUM	25-Jun-99
URP60013	RC	5999.58	4874.72	1180.67	CROSS STH	130	7	35	36	HIGH	25-Jun-99

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HOLE ID	HOLE TYPE	NORTH	EAST	RL	Area	TOTAL DEPTH (m)	BASE OXIDATION (m)	TOP FRESH (m)	DEPTH TO WATER (m)	WATER FLOW	DRILL DATE
URP60014	RC	6000	4934.63	1187.17	CROSS STH	220	24	31	45	MEDIUM	27-Jun-99
URP65102	RC	6509.5	4973.3	1084.7	PING QUES	85					28-Aug-99
URP65308	RC	6530	4964.9	1084.8	PING QUES	100					27-Aug-99
URP65502	RC	6550	4954.6	1084.8	PING QUES	100					26-Aug-99
URP65707	RC	6569.8	4965.2	1084.7	PING QUES	111					25-Aug-99
URP65901	RC	6589.7	4963	1084.9	PING QUES	100					25-Aug-99
URP66106	RC	6610.2	4969.8	1084.9	E-LENS	200					23-Aug-99
URP66107	RC	6606.9	4970.2	1085.1	PING QUES	100					24-Aug-99
URP66301	RC	6630.2	4977	1084.9	E-LENS	200					20-Aug-99
URP66508	RC	6649.88	4960.08	1086.6	E-LENS	175					11-Aug-99
URP67908	RC	6790.2	4977.99	1130.01	E-LENS	230					14-Aug-99
URP68101	RC	6810.03	4935.14	1130.39	E-LENS	255					16-Aug-99
URP68301	RC	6835.35	4883.45	1122.5	E-LENS	170					07-Sep-99
URP68507	RC	6850.2	4879.6	1129.88	E-LENS	200					19-Aug-99
URP68713	RC	6866.51	4882.9	1129.32	E-LENS	150					18-Aug-99
URP83409	RC	8340.66	4854.91	1174.65	UNION NTH	180	11	22	45	MEDIUM	25-Jun-99
URP83601	RC	8361.33	4860.4	1178.62	UNION NTH	180	15	28	39	MEDIUM	24-Jun-99
URP84001	RC	8400.63	4850.63	1177.99	UNION NTH	150	6	27		NONE	23-Jun-99
URP84209	RC	8421.65	4878.92	1185.33	UNION NTH	174	12	41	39	LOW	22-Jun-99
URP84401	RC	8441.39	4849.02	1176.67	UNION NTH	135	2	27	27	LOW	23-Jun-99
URP84607	RC	8460.74	4869.66	1183.14	UNION NTH	150	9	28	38	LOW	21-Jun-99
URP84801	RC	8480.66	4839.59	1184.53	UNION NTH	100	17	34	93	LOW	20-Jun-99

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HOLE ID	HOLE TYPE	NORTH	EAST	RL	Area	TOTAL DEPTH (m)	BASE OXIDATION (m)	TOP FRESH (m)	DEPTH TO WATER (m)	WATER FLOW	DRILL DATE
URP84802	RC	8480.25	4868.94	1184.53	UNION NTH	160	6	24	47	LOW	20-Jun-99
URP85006	RC	8499.9	4849.01	1187.18	UNION NTH	120	12	36	39	LOW	18-Jun-99
URP86810	RC	8679.78	4786.82	1173.11	ALTA	30	21	28		NONE	04-Aug-99
URP86811	RC	8680.15	4812.11	1175.02	ALTA	30	20		26	LOW	04-Aug-99
URP86812	RC	8679.9	4836.82	1174	ALTA	30	21		24	LOW	04-Aug-99
URP87003	RC	8699.9	4759.1	1167.23	ALTA	30	10	18		LOW	07-Sep-99
URP87004	RC	8700	4774.69	1170.29	ALTA	50	10	26	25	LOW	09-Aug-99
URP87005	RC	8699.82	4786.84	1171.14	ALTA	30	12	21		NONE	10-Aug-99
URP87006	RC	8699.52	4799.32	1172.43	ALTA	90	18	34	28	LOW	10-Aug-99
URP87008	RC	8700.13	4824.6	1173.44	ALTA	100	21	36	29	MEDIUM	26-Jun-99
URP87009	RC	8699.04	4837.4	1171.35	ALTA	30	21		17	MEDIUM	09-Aug-99
URP87010	RC	8698.95	4849.79	1170.98	ALTA	120	19	30	22	HIGH	04-Aug-99
URP87208	RC	8720.26	4773.16	1170.55	ALTA	25	10	24	19	LOW	11-Aug-99
URP87209	RC	8719.9	4796.86	1173.68	ALTA	30	16	29	23	LOW	11-Aug-99
URP87210	RC	8719.76	4818.55	1174.52	ALTA	37	17	29	24	LOW	11-Aug-99
URP87211	RC	8719.14	4838.71	1172.6	ALTA	30	9	28	24	LOW	10-Aug-99
URP87402	RC	8740.09	4767.44	1172.61	ALTA	30	13	22		NONE	30-Aug-99
URP87403	RC	8739.65	4780.37	1173.84	ALTA	50	27	30		NONE	30-Aug-99
URP87404	RC	8739.76	4793.06	1174.83	ALTA	30	23			NONE	30-Aug-99
URP87405	RC	8739.28	4804.88	1175.67	ALTA	100	19	32	33	MEDIUM	27-Jun-99
URP87406	RC	8739.4	4818.33	1175.82	ALTA	30	28		29	LOW	30-Aug-99
URP87407	RC	8739.92	4844.47	1174.48	ALTA	42	23	30	33	LOW	30-Aug-99

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HOLE ID	HOLE TYPE	NORTH	EAST	RL	Area	TOTAL DEPTH (m)	BASE OXIDATION (m)	TOP FRESH (m)	DEPTH TO WATER (m)	WATER FLOW	DRILL DATE
URP87408	RC	8739.03	4855.54	1173.71	ALTA	130	23	37	24	MEDIUM	27-Jun-99
URP87608	RC	8759.94	4787.68	1176.07	ALTA	30	28			NONE	30-Aug-99
URP87609	RC	8759.92	4799.84	1176.76	ALTA	60	19	32		NONE	31-Aug-99
URP87610	RC	8759.95	4812.36	1176.92	ALTA	30	15			NONE	31-Aug-99
URP87611	RC	8760.44	4837.53	1177.02	ALTA	36	18	33		NONE	31-Aug-99
URP87612	RC	8760.06	4862.43	1174.86	ALTA	33	19	30		NONE	31-Aug-99
URP87801	RC	8779.71	4774.57	1173.81	ALTA	40	10	25	33	LOW	31-Aug-99
URP87802	RC	8779.82	4787.06	1175.31	ALTA	30	6			NONE	31-Aug-99
URP87803	RC	8779.82	4799.63	1176.82	ALTA	90	18	28	29	MEDIUM	01-Sep-99
URP87804	RC	8779.96	4812.04	1176.94	ALTA	30	10	26		NONE	01-Sep-99
URP87805	RC	8780.76	4824.26	1176.89	ALTA	129	19	30	27	MEDIUM	29-Jun-99
URP87806	RC	8779.68	4848.75	1177.62	ALTA	150	18	27	24	MEDIUM	28-Jun-99
URP88009	RC	8800.27	4766.35	1169.63	ALTA	24	5			NONE	07-Sep-99
URP88010	RC	8800.17	4790.51	1174.15	ALTA	30	13	25		NONE	01-Sep-99
URP88011	RC	8799.98	4811.01	1174.88	ALTA	30	18	27		NONE	01-Sep-99
URP88203	RC	8825.07	4774.83	1167.89	ALTA	40	15	19		NONE	03-Sep-99
URP88204	RC	8825.13	4787.05	1168.17	ALTA	24	19		17	LOW	03-Sep-99
URP88205	RC	8823.89	4798.33	1168.92	ALTA	90	10	22	27	LOW	03-Sep-99
URP88206	RC	8825.79	4812.76	1172.36	ALTA	24	6			NONE	01-Sep-99
URP88207	RC	8825.93	4824.68	1173.01	ALTA	30	9	24		NONE	02-Sep-99
URP88208	RC	8827.32	4849.52	1174.71	ALTA	150	15	29	39	MEDIUM	01-Jul-99
URP88510	RC	8850.23	4816.21	1169.76	ALTA	30	12	23		NONE	02-Sep-99

UNION REEFS GOLD MINE

1999 EXPLORATION DRILLING - COLLAR DATA

HOLE ID	HOLE TYPE	NORTH	EAST	RL	Area	TOTAL DEPTH (m)	BASE OXIDATION (m)	TOP FRESH (m)	DEPTH TO WATER (m)	WATER FLOW	DRILL DATE
URP88511	RC	8850.42	4838.21	1172.46	ALTA	30	13			NONE	02-Sep-99
URP88703	RC	8875.24	4796.74	1164.38	ALTA	50	12	21	24	LOW	03-Sep-99
URP88704	RC	8875.01	4811.82	1166.76	ALTA	24	19			NONE	02-Sep-99
URP88705	RC	8875.18	4824.16	1167.7	ALTA	90	12	19	27	LOW	02-Sep-99
URP89004	RC	8899.91	4812.23	1163.94	ALTA	24	16			NONE	07-Sep-99
WB001	RC	8195.92	5100.27	1165.48	BORE	48	7	11	32	LOW	23-Jul-99
WB002	RC	8195.31	5146.23	1166.05	BORE	40	2	9	12	HIGH	23-Jul-99
WB003	RC	8386.6	5214.52	1172.58	BORE	40	10	16	28	HIGH	21-Jul-99
WB004	RC	9105.96	4975.55	1157.53	BORE	36	5	8	7	HIGH	26-Jul-99

APPENDIX

2. 1998 SIGNIFICANT ASSAYS RECEIVED

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
ALTA	URP89004	3	4	1	1.51
		8	10	2	5.64
ALTA	URP88705	11	13	2	2.96
		33	34	1	6.27
		40	41	1	3.44
		47	48	1	1.21
ALTA	URP88704	22	23	1	2.49
ALTA	URP88703	6	9	3	1.13
		13	14	1	1.04
ALTA	URP88511	24	25	1	9.33
ALTA	URP88208	78	80	2	1.38
		83	90	7	1.70
		95	102	7	1.55
		111	112	1	1.53
		118	119	1	2.16
ALTA	URP88207	27	28	1	7.22
ALTA	URP88206	17	18	1	1.28
		20	21	1	1.10
ALTA	URP88205	7	8	1	5.03
		19	21	2	2.23
		43	44	1	2.99
		55	56	1	2.00
		84	85	1	5.69
ALTA	URP88204	6	7	1	13.50
ALTA	URP88203	3	6	3	1.29
		17	18	1	3.67
ALTA	URP88011	0	1	1	29.50
		5	9	4	1.05
		14	15	1	3.59
		25	26	1	4.11
ALTA	URP88010	7	8	1	20.00
		13	14	1	1.94
		17	18	1	1.50

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
ALTA	URP87806	6	7	1	1.89
		14	15	1	2.55
		52	53	1	2.27
		56	60	4	1.02
		64	68	4	2.11
		79	80	1	1.84
		84	85	1	3.04
		95	96	1	3.01
		138	139	1	2.47
ALTA	URP87805	142	143	1	1.67
		28	29	1	2.51
		35	36	1	5.58
		45	46	1	2.52
		51	54	3	1.26
		63	68	5	2.51
		76	77	1	1.70
ALTA	URP87804	82	85	3	31.06
		1	2	1	1.03
		16	18	2	2.72
		22	23	1	1.66
ALTA	URP87803	27	30	3	1.39
		6	10	4	2.10
		15	18	3	6.20
		25	26	1	2.81
		37	43	6	7.19
ALTA	URP87802	69	70	1	34.20
		1	7	6	1.73
ALTA	URP87801	17	18	1	4.99
		0	1	1	1.05
		3	4	1	1.09
		7	8	1	1.56
ALTA	URP87612	28	29	1	1.24
		19	22	3	3.16
ALTA	URP87611	2	8	6	1.14
		14	15	1	2.44

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1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
ALTA	URP87611	34	35	1	1.42
ALTA	URP87610	2	3	1	1.50
		20	22	2	3.82
		29	30	1	4.36
ALTA	URP87609	1	2	1	3.20
		7	12	5	7.10
		22	26	4	1.02
ALTA	URP87608	13	14	1	7.28
		24	25	1	1.33
ALTA	URP87408	15	16	1	2.20
		24	25	1	4.12
		30	33	3	2.24
		36	37	1	1.53
		44	47	3	1.26
		57	60	3	3.35
		71	72	1	6.42
		80	81	1	1.44
		87	89	2	3.54
		95	96	1	1.19
		109	111	2	1.56
		114	115	1	1.14
		118	123	5	2.42
ALTA	URP87407	12	13	1	17.90
		19	20	1	1.37
		22	23	1	1.35
		25	26	1	1.65
		34	35	1	1.34
ALTA	URP87406	2	3	1	2.39
		6	8	2	5.41
		19	27	8	5.55
ALTA	URP87405	2	3	1	1.31
		6	8	2	3.92
		21	23	2	2.21
		31	33	2	1.05
		47	48	1	1.05

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1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
ALTA	URP87404	4	5	1	5.69
ALTA	URP87403	5	6	1	1.52
		11	12	1	3.23
		26	28	2	29.74
		43	44	1	3.82
ALTA	URP87402	4	5	1	5.06
ALTA	URP87211	1	2	1	1.47
		3	4	1	1.16
		11	15	4	2.83
ALTA	URP87210	1	8	7	1.21
		12	13	1	3.71
		19	25	6	1.94
		29	34	5	2.44
ALTA	URP87209	0	2	2	11.47
		13	14	1	54.60
		24	25	1	1.16
ALTA	URP87208	3	4	1	1.08
ALTA	URP87010	39	40	1	1.97
		44	45	1	1.09
		104	105	1	2.66
ALTA	URP87009	20	21	1	1.50
ALTA	URP87008	31	32	1	4.30
		35	36	1	3.73
		39	42	3	6.46
		82	85	3	2.25
ALTA	URP87006	4	5	1	1.27
		29	30	1	5.89
		33	34	1	1.12
		47	49	2	1.20
		60	62	2	5.05
		66	67	1	1.67
ALTA	URP87005	0	4	4	3.81
		9	10	1	1.29

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1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
ALTA	URP87005	17	18	1	1.99
ALTA	URP87004	4	5	1	2.78
		14	15	1	1.48

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
CROSS STH	URP60014	162	163	1	1.23
		171	174	3	2.53
		189	190	1	1.09
		206	213	7	1.10
CROSS STH	URP60013	3	4	1	5.73
		23	24	1	1.59
		45	46	1	2.04
		52	54	2	1.62
		59	70	11	2.25
		73	74	1	1.50
		79	80	1	1.16
		81	82	1	1.14
		88	89	1	1.12
		96	97	1	3.32
		103	104	1	5.77
CROSS STH	URP59803	27	28	1	3.37
		54	55	1	1.42
		88	89	1	1.01
		116	117	1	1.22
		143	144	1	21.75
		174	176	2	1.16
		178	180	2	1.23
CROSS STH	URP59802	56	70	14	3.01
CROSS STH	URP59801	28	29	1	1.54
		42	44	2	1.52
		52	53	1	1.85
		60	63	3	2.96
		71	72	1	1.04
		76	77	1	1.73
		83	84	1	1.43
CROSS STH	URP58703	2	3	1	4.82
		60	64	4	2.45
		72	73	1	4.99
		93	94	1	1.09
		129	130	1	2.05

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
CROSS STH	URP58513	74	75	1	1.82
		79	85	6	4.04
		98	99	1	3.44
		108	110	2	1.59
		115	116	1	1.59
CROSS STH	URP58202	46	47	1	2.34
		62	63	1	1.10
		68	74	6	2.05
		77	78	1	11.00
		92	93	1	1.13
		101	102	1	2.06
		132	133	1	1.02
CROSS STH	URP58021	85	89	4	5.88
		97	98	1	1.20
		101	102	1	1.16
		133	134	1	1.33
		137	138	1	1.13
		144	145	1	1.02
CROSS STH	URP57703	75	76	1	1.33
		81	83	2	1.44
		108	109	1	1.47
CROSS STH	URP57702	45	46	1	5.95
		59	62	3	2.14
CROSS STH	URP57701	2	18	16	1.59
CROSS STH	URP57508	64	65	1	12.80
		72	80	8	2.12
		88	92	4	3.65
		105	106	1	1.12
		111	117	6	1.45
CROSS STH	URP57009	91	92	1	1.02
		102	104	2	1.68
		108	109	1	1.05
		116	118	2	2.36
		125	126	1	1.14
		142	143	1	1.10

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
CROSS STH	URP57008	55	56	1	1.54
		75	78	3	1.07
		94	97	3	1.09
CROSS STH	URP56703	75	78	3	1.09
		102	104	2	2.25
CROSS STH	URP56702	6	7	1	1.03
		74	75	1	15.20
CROSS STH	URP56701	6	8	2	4.60
		11	12	1	1.42
CROSS STH	URP56509	1	2	1	1.46
		120	126	6	4.01
CROSS STH	URP56021	64	75	11	1.89
CROSS STH	URP55702	34	35	1	1.08
		50	54	4	1.15
		64	65	1	2.19
CROSS STH	URP55701	27	29	2	5.18
		40	42	2	3.38
CROSS STH	URP55509	77	78	1	13.40

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
E-LENS	URP68713	4	5	1	1.19
		124	125	1	1.66
		128	139	11	1.82
		148	149	1	1.54
E-LENS	URP68507	90	91	1	1.17
		125	129	4	8.31
		144	146	2	2.83
		158	160	2	1.52
		183	185	2	1.76
E-LENS	URP68301	10	11	1	1.05
		31	32	1	2.01
		77	78	1	1.03
		88	89	1	1.25
		138	139	1	3.14
		144	150	6	1.18
		155	162	7	2.08
E-LENS	URP68101	1	3	2	1.80
		12	13	1	2.98
		18	22	4	1.15
		41	42	1	1.22
		58	59	1	1.66
		117	118	1	2.01
		136	137	1	1.55
		147	153	6	1.84
		156	157	1	1.84
		166	174	8	1.18
		203	206	3	3.29
		211	212	1	1.35
		218	219	1	2.49
E-LENS	URP67908	63	64	1	1.21
		95	96	1	1.03
		128	130	2	8.52
		133	136	3	5.36
		165	166	1	1.53
		197	200	3	1.61
		210	215	5	1.47

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
E-LENS	URP67908	223	228	5	1.77
E-LENS	URP66508	10	11	1	1.41
		45	48	3	1.65
		52	57	5	1.63
		60	63	3	5.02
		67	73	6	6.18
		77	80	3	2.00
		103	113	10	2.66
		117	131	14	9.18
		143	149	6	6.20
		153	154	1	2.66
		162	164	2	1.33
		167	169	2	2.02
E-LENS	URP66301	10	11	1	2.71
		68	69	1	1.72
		71	73	2	1.25
		74	75	1	1.16
		83	84	1	2.73
		90	95	5	2.43
		104	118	14	20.60
		125	148	23	14.97
		169	172	3	4.19
		184	186	2	1.11
E-LENS	URP66106	58	60	2	3.89
		63	64	1	1.13
		71	80	9	6.18
		87	92	5	9.47
		97	111	14	8.32
		131	135	4	1.14
		140	141	1	2.09
		144	148	4	1.35
		157	158	1	2.32
		162	163	1	1.31
		183	184	1	1.79

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
MILLARS	URP53007	76	77	1	1.19
		87	94	7	12.65
MILLARS	URP53006	8	9	1	2.12
MILLARS	URP52802	45	48	3	1.31
		52	56	4	2.20
		78	79	1	7.10
MILLARS	URP52801	7	12	5	2.81
		18	21	3	3.64
		24	31	7	4.36
		59	60	1	2.31
MILLARS	URP52202	61	65	4	6.78
		72	73	1	1.42
MILLARS	URP52201	10	23	13	2.26
		35	39	4	1.00
MILLARS	URP51702	42	49	7	2.05
		59	66	7	2.62
		75	76	1	1.64
MILLARS	URP51504	28	32	4	2.27
		39	43	4	1.12
MILLARS	URP51202	4	5	1	1.10
		18	20	2	9.80
		27	28	1	2.31
MILLARS	URP51201	35	37	2	4.32
		40	41	1	1.80
		45	52	7	1.29
MILLARS	URP51008	34	35	1	3.24
		46	49	3	2.49
MILLARS	URP50504	36	38	2	1.23
		56	57	1	1.23

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
PING QUES	URP66107	7	8	1	1.82
		49	55	6	1.38
		60	61	1	1.62
		64	65	1	14.60
		69	71	2	2.77
		78	79	1	10.80
		84	85	1	2.38
		92	93	1	1.95
PING QUES	URP65901	37	38	1	4.00
		52	53	1	1.86
		70	73	3	1.97
		81	83	2	3.27
		94	95	1	5.51
PING QUES	URP65707	59	60	1	1.36
		105	108	3	4.95
PING QUES	URP65502	57	58	1	1.74
		80	89	9	1.36
PING QUES	URP65308	64	65	1	2.30
		76	77	1	1.48
		94	95	1	1.55
PING QUES	URP65102	10	13	3	2.19
		22	24	2	4.33
		46	47	1	3.48
		62	63	1	16.50
		74	76	2	1.18
		79	80	1	1.10

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
UNION NTH	URP85006	7	12	5	1.53
		47	51	4	3.87
		75	76	1	7.74
		80	81	1	5.73
		86	87	1	3.10
		91	92	1	1.29
UNION NTH	URP84802	76	83	7	1.55
		103	104	1	5.00
		116	119	3	4.66
		133	134	1	11.20
		140	141	1	10.90
		148	149	1	2.96
UNION NTH	URP84801	45	49	4	2.15
		68	70	2	16.69
UNION NTH	URP84607	24	25	1	6.67
		57	58	1	1.06
		66	67	1	1.51
		75	76	1	1.64
		89	90	1	1.02
		102	109	7	1.73
		113	114	1	1.40
UNION NTH	URP84401	45	49	4	1.91
		72	76	4	1.37
		86	95	9	1.58
		100	101	1	1.18
		110	111	1	1.24
		114	119	5	12.30
UNION NTH	URP84209	9	10	1	2.92
		46	47	1	1.51
		64	65	1	1.15
		67	68	1	2.32
		101	103	2	1.22
		121	122	1	1.28
		125	128	3	1.22
		142	143	1	1.25

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

UNION REEFS GOLD MINE

1999 SIGNIFICANT ASSAYS

<i>LOCATION</i>	<i>HOLE ID</i>	<i>FROM (m)</i>	<i>TO (m)</i>	<i>WIDTH (m)</i>	<i>GRADE (g/t)</i>
UNION NTH	URP84209	144	145	1	1.26
UNION NTH	URP84001	6	7	1	1.04
		27	28	1	4.75
		59	63	4	2.48
		68	70	2	4.45
		91	92	1	1.45
		97	106	9	2.47
		110	111	1	1.52
		115	116	1	1.31
		117	118	1	1.48
		126	127	1	1.47
UNION NTH	URP83601	14	15	1	3.29
		45	46	1	23.40
		89	90	1	1.48
		98	100	2	6.02
		114	123	9	1.22
		127	132	5	1.64
		142	146	4	1.26
		149	150	1	1.06
UNION NTH	URP83409	33	34	1	1.25
		55	58	3	1.18
		102	119	17	2.09
		130	134	4	1.37
		137	140	3	1.91

N.B. Only intersections greater or equal than 1 gram metres of gold are reported. No top cut applied.

APPENDIX

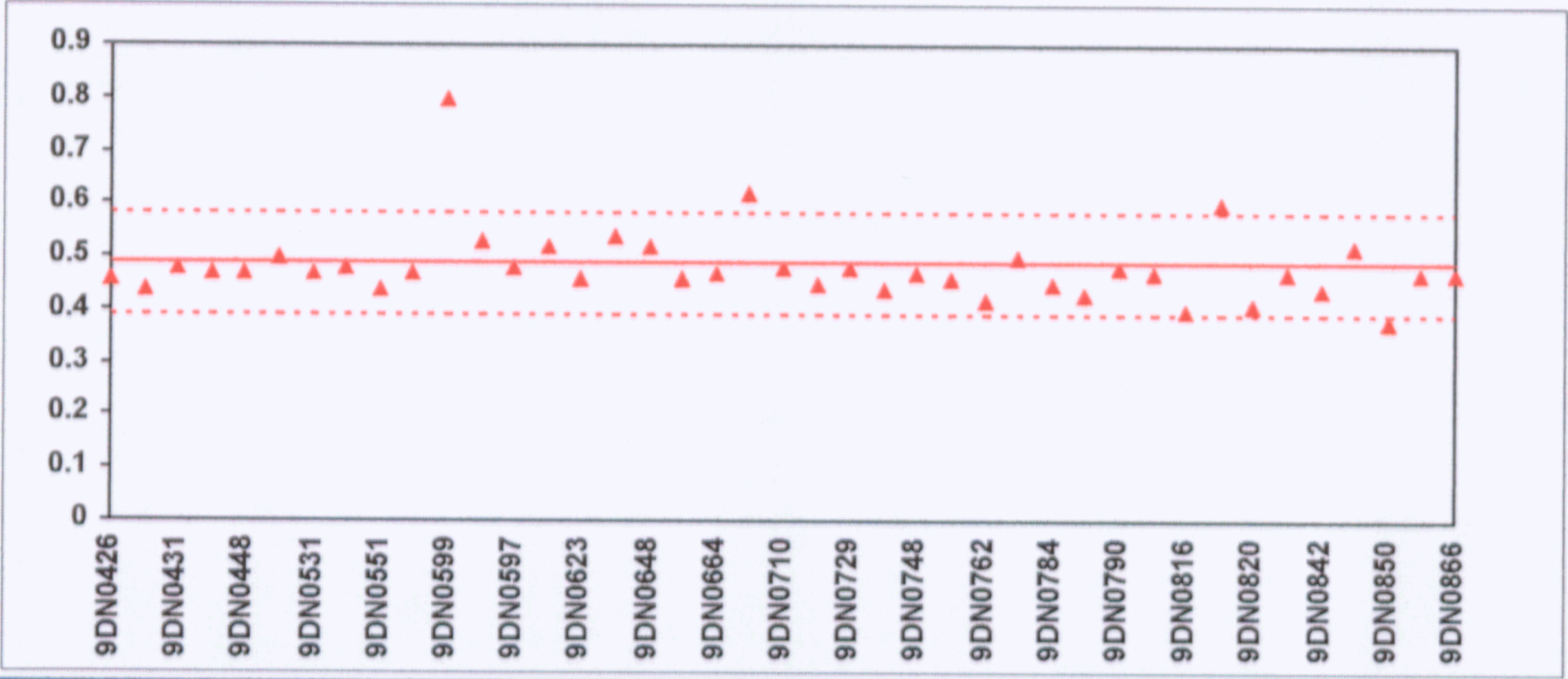
3. ASSAY STANDARD RESULTS



UNION REEFS GOLD MINE
Standards Monitoring for Period 1/1/99 to 11/28/99

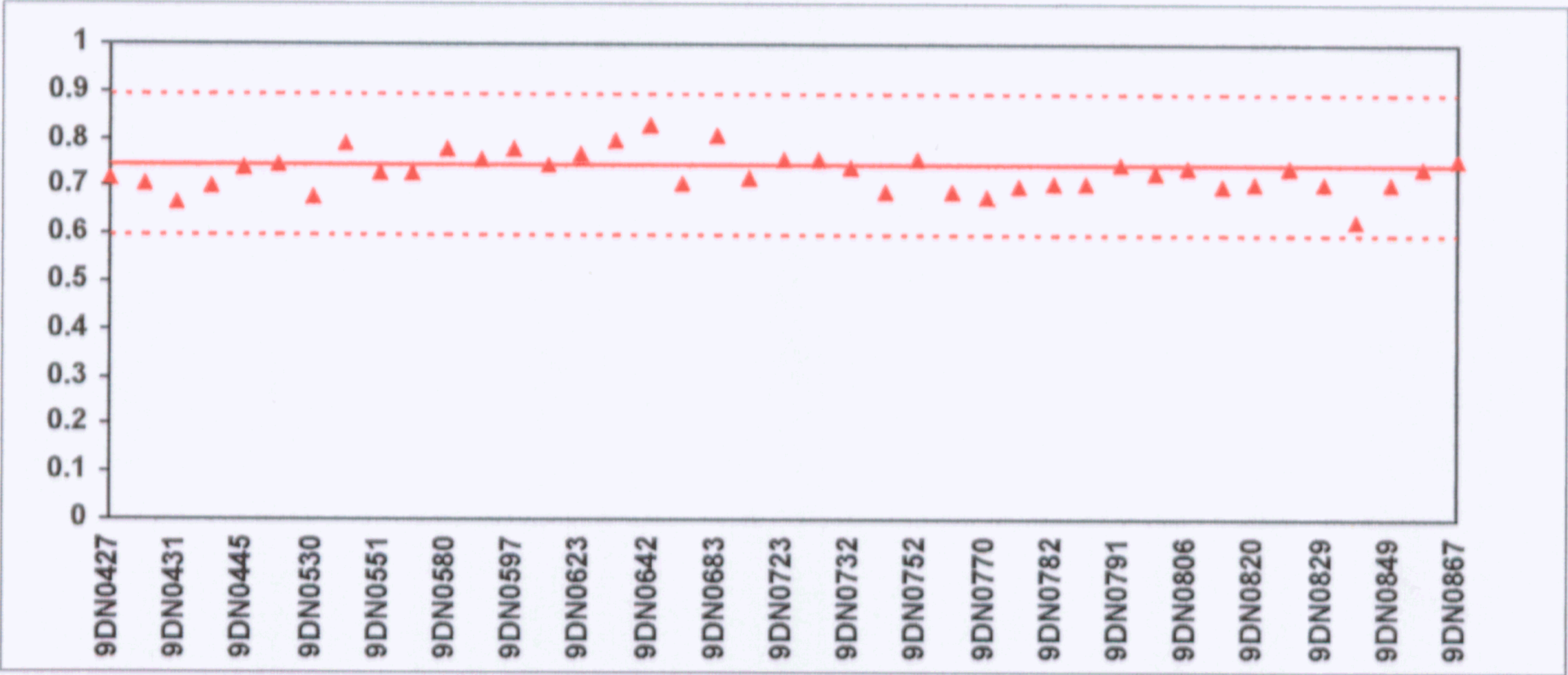
Lab: AMDDRW Standard: 16/7181 Preferred Au 0.49

Summary Statistics	This Period	Database±6months
Min	0.38	0.38
Max	0.80	0.80
Mean	0.48	0.48
Average % Difference from Pref	-1.59	-1.59
Average Absolute % Difference from Pref	9.06	9.06
Number Of Samples	41	0



Lab: AMDDRW Standard: 17/8171 Preferred Au 0.75

Summary Statistics	This Period	Database±6months
Min	0.63	0.63
Max	0.83	0.83
Mean	0.73	0.73
Average % Difference from Pref	-2.28	-2.28
Average Absolute % Difference from Pref	4.62	4.62
Number Of Samples	41	0

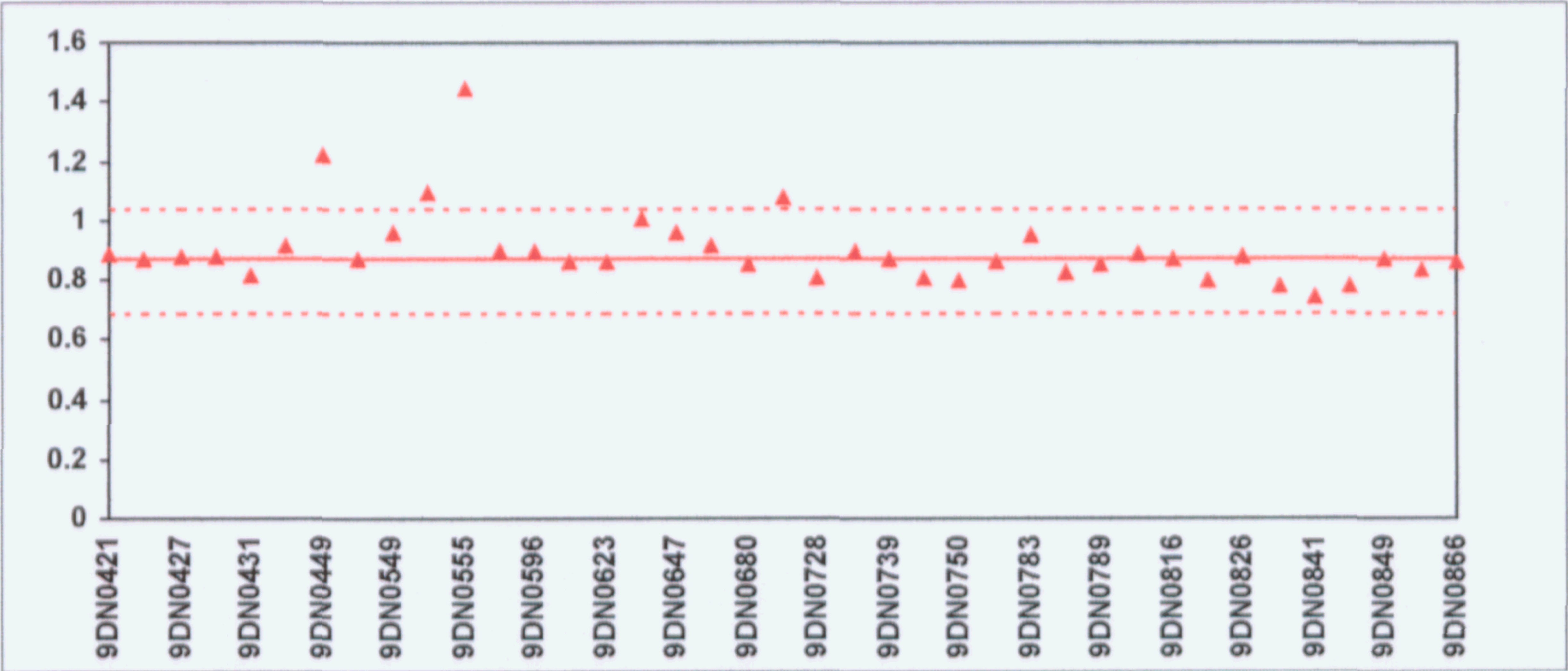




UNION REEFS GOLD MINE
Standards Monitoring for Period 1/1/99 to 11/28/99

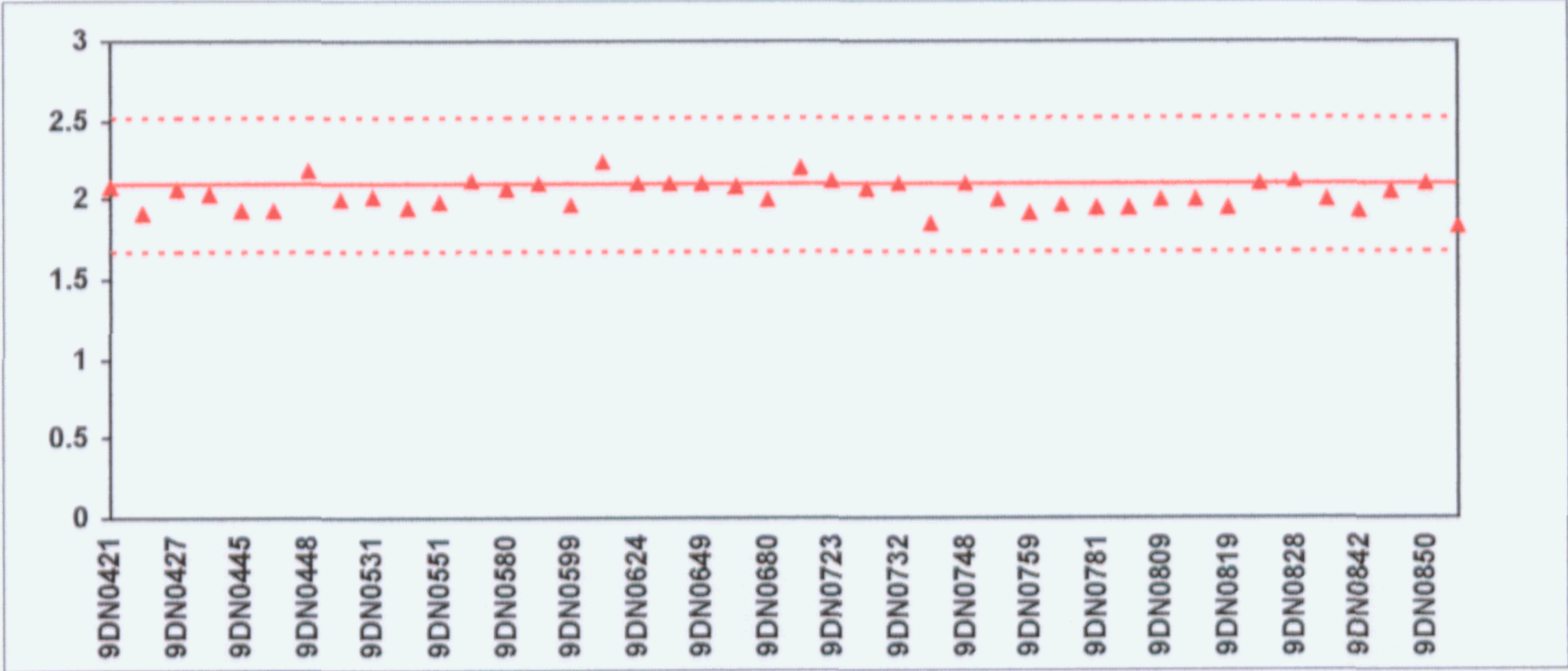
Lab: AMDDRW Standard: 39/6167 Preferred Au 0.87

Summary Statistics	This Period	Database±6months
Min	0.75	0.75
Max	1.45	1.45
Mean	0.90	0.90
Average % Difference from Pref	3.74	3.74
Average Absolute % Difference from Pref	8.22	8.22
Number Of Samples	39	0



Lab: AMDDRW Standard: 49 Preferred Au 2.10

Summary Statistics	This Period	Database±6months
Min	1.83	1.83
Max	2.24	2.24
Mean	2.04	2.04
Average % Difference from Pref	-3.05	-3.05
Average Absolute % Difference from Pref	4.05	4.05
Number Of Samples	42	0



APPENDIX

4. INSTRUCTIONS FOR FINDING DATA ON THE CD-ROM ATTACHED

PROCEDURES FOR VIEWING DATA ON CD-ROM

The attached CD-ROM disk contains all relevant information relating to the 1999 drilling season conducted at the Union Reefs Mine Gold (MLN 1109).

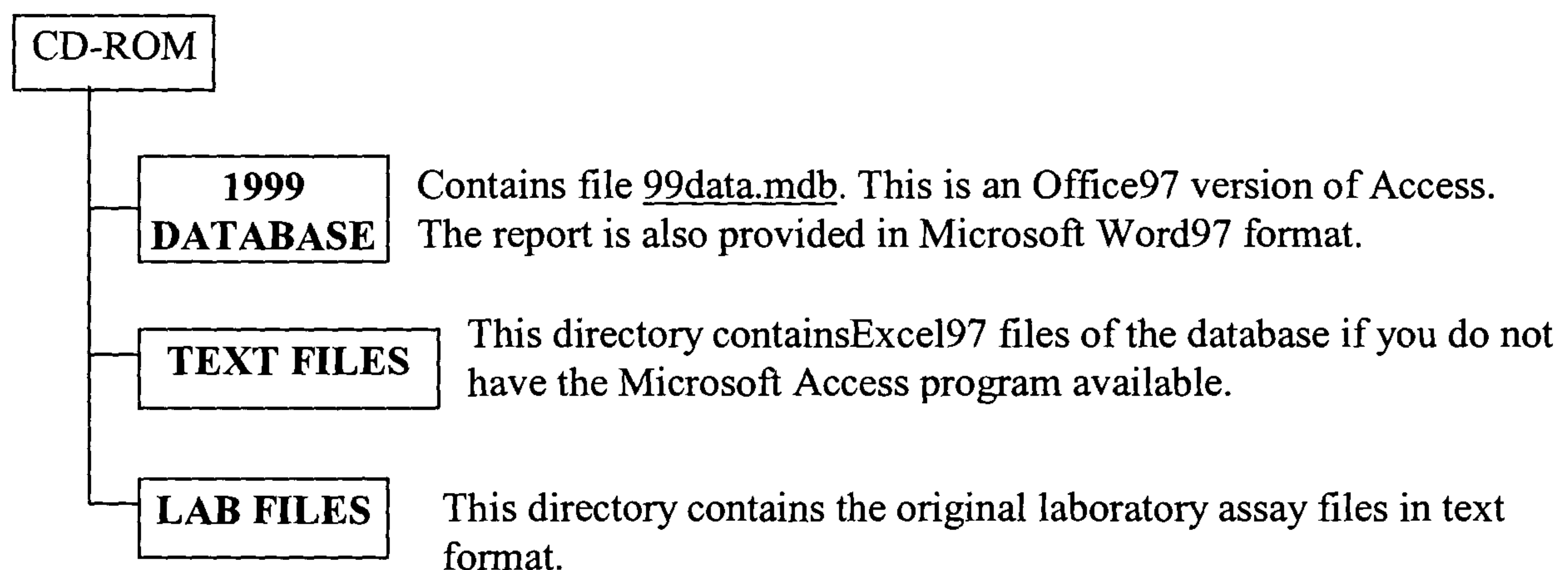
The following information is presented on CD-ROM:

- Collar data
- Geological data
- Assay information and
- Down hole survey data.
- Significant Assay data

The drillhole database is compiled using Microsoft Access (Office 97 version). However, if you do not have this application available, raw data is provided in Text File (ASCII) form, using a delimited format.

The original laboratory assay files are provided for validation purposes.

The following directory structure is found on the CD-ROM.



APPENDIX

5. LIST OF GEOLOGICAL LOGGING CODES.

ACACIA RESOURCES LIMITED

UNION REEFS DRILLHOLE LOG ABBREVIATIONS

ROCK TYPES for major & minor tables		ALTERATION for <u>minor</u> table only	
CODE	DESCRIPTION	CODE	DESCRIPTION
uc	UNCONSOLIDATED ALLUVIALS	ca1	WEAK CARBONATE ALTERATION
ch	CHERT	ca2	MODERATE CARBONATE ALTERATION
cl	CLAY	ca3	STRONG CARBONATE ALTERATION
ind	INTERBEDDED UNDIFFERENTIATED	ca4	PERVASIVE CARBONATE ALTERATION
ig	INTERBEDDED GREYWACKE RICH	ch1	WEAK CHLORITE ALTERATION
ifl	INTERBEDDED FINELY LAMINATED	ch2	MODERATE CHLORITE ALTERATION
ic	INTERBEDDED COARSELY LAMINATED	ch3	STRONG CHLORITE ALTERATION
iss	INTERBEDDED SHALE RICH	ch4	PERVASIVE CHLORITE ALTERATION
dl	DOLERITE	ks1	WEAK FELDSPAR ALTERATION
g	GREYWACKE	ks2	MODERATE FELDSPAR ALTERATION
gl	THINLY BEDDED GREYWACKE	ks3	STRONG FELDSPAR ALTERATION
gm	COARSELY BEDDED GREYWACKE	ks4	PERVASIVE FELDSPAR ALTERATION
gg	GRITTY GREYWACKE	he1	WEAK HEMATITIC ALTERATION
hf	HORNFELS	he2	MODERATE HEMATITIC ALTERATION
mg	MONZOGRAHITE	he3	STRONG HEMATITIC ALTERATION
pb	PEBBLE BED	he4	PERVASIVE HEMATITIC ALTERATION
qt	QUARTZITE	ka1	WEAK KAOLINITE ALTERATION
ss	SANDSTONE	ka2	MODERATE KAOLINITE ALTERATION
sh	SCHIST	ka3	STRONG KAOLINITE ALTERATION
si	SILTSTONE	ka4	PERVASIVE KAOLINITE ALTERATION
s	SHALE	li1	WEAK LIMONITE ALTERATION
sl	THINLY LAMINATED SHALES	li2	MODERATE LIMONITE ALTERATION
sm	COARSELY BEDDED SHALES	li3	STRONG LIMONITE ALTERATION
sc	CARBONACEOUS SHALE	li4	PERVASIVE LIMONITE ALTERATION
soil	SOIL	se1	WEAK SERICITE ALTERATION
tf	TUFF	se2	MODERATE SERICITE ALTERATION
bif	BANDED IRON FORMATION	se3	STRONG SERICITE ALTERATION
		se4	PERVASIVE SERICITE ALTERATION
		si1	WEAK SILICA ALTERATION
		si2	MODERATE SILICA ALTERATION
		si3	STRONG SILICA ALTERATION
		si4	PERVASIVE SILICA ALTERATION

MINERALISATION TYPES for major & minor tables	
CODE	DESCRIPTION
q	QUARTZ VEINS UNDIFFERENTIATED
qm	QUARTZ (MASSIVE)
qs	QUARTZ SERCITE
qsc	QTZ-SER-CHL
qscs	QTZ-SER-CHL-ARSENOPYRITE
qc	QTZ-CHLORITE
qca	QTZ-CHL-ARSENOPYRITE
qsa	QTZ-SER-ARSENOPYRITE
ms	MASSIVE SULPHIDES
qau	QTZ - VISIBLE GOLD
qvx	QUARTZ STOCKWORK
qvs	SHEETED QTZ VEINS
qvmn	MINOR QTZ VEINING
qvt	TRACE QTZ VEINING

STRUCTURES for major & minor tables	
CODE	DESCRIPTION
bx	BRECCIA ZONE
fz	FAULT ZONE
sz	SHEAR ZONE
fa	FOLD AXIAL ZONE
b	UNUSUALLY BROKEN GROUND
szm	MINERALISED SHEAR ZONE

MISC. for major & minor tables	
CODE	DESCRIPTION
abn	ABANDONED
boco	BASE OF COMPLETE OXIDATION
boo	BASE OF OXIDATION
cv	GEOLOGICAL CAVITY
v	NOT DISTINGUISHED CAVITY
wv	HISTORIC MINING CAVITY
wf	HISTORIC MINING FILL
ns	NO SAMPLE RECOVERED
clu	CORE LOSS-UNDIFFERENTIATED

MINERALISATION & VEINING for <u>minor</u> table only	
CODE	DESCRIPTION
qbx	QUARTZ BRECCIA
qch	QTZ-CHL VEINING
qcp	QTZ-CHL-PYRITE VEINING
qtp	QUARTZ / PYRITE VEINING
qav	QTZ-ARSENOPYRITE VEINING
qasp	QTZ-PY/ARSENOPYRITE VEINING
qbv	QTZ-BASEMETAL VEINING
qcb	QTZ-CARB VEINING
qscp	QTZ-CHL-SER VEINING
qkv	QTZ-FELDSPAR VEINING
qkcv	QTZ-CARB-FELDSPAR VEINING
qv	QTZ VEINING
qvmn	MINOR QTZ VEINING
qvt	TRACE QTZ VEINING
mpy	MASSIVE PYRITE
mas	MASSIVE ARSENOPYRITE
mpch	PYRITE-CHLORITE MINERALISATION
msea	SER-AS ZONE minus veining
msecp	SER-CHL-PY
qkcs	QTZ-CARB-FELDSPAR-SULPHIDE VEINING

MISC. for major & minor tables	
CODE	DESCRIPTION
cd	CORE LOSS-DRILLER ERROR
dp	DRY PLUG
df	DRILL PAD FILL
tofr	TOP OF FRESH ROCK
eah	END OF HOLE
eop	END OF PRECOLLAR