

PART 2 OF 2 PARTS

APPENDICES III, IV and V

**GEOLOGICAL, GEOCHEMICAL AND DRILLING REPORT
ON THE KENA PROPERTY**

NELSON MINING DIVISION, BC
MAPSHEETS: 082F.034/044/035/045
LATITUDE 49°26'N LONGITUDE 117°17'E

for

SULTAN MINERALS INC.
1400 - 570 GRANVILLE STREET
VANCOUVER, BC
V6C 3P1

by

LINDA DANDY, P.Geo.
Consulting Geologist

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GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,875 Vol.1
Part 2

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APPENDIX III
REVERSE CIRCULATION DRILL LOGS

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	6	8	2	203801	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	8	10	2	203802	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	10	12	2	203803	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	12	14	2	203804	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	14	16	2	203805	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	16	18	2	203806	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	18	20	2	203807	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	20	22	2	203808	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	22	24	2	203809	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	24	26	2	203810	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	26	28	2	203811	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	28	30	2	203812	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	30	32	2	203813	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	32	34	2	203814	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	34	36	2	203815	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	36	38	2	203816	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	38	40	2	203817	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	40	42	2	203818	MV	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	42	44	2	203819	Jsk	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	44	46	2	203820	Jsk	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	46	48	2	203821	Jsk	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	48	50	2	203822	Jsk	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	50	52	2	203823	Jsk	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	52	54	2	203824	Jsk	100			0.5?
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	54	56	2	203825	Jsk	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	56	58	2	203826	Jsk	100			
R02GM-01	479285	5475844	1+57	10+70	1490	-46	56	60	58	60	2	203827	Jsk	100			

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	1				20						2	90% MV
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				20						2	100% MV
	1				20						2	95% MV
	1				7						2	Mixed lithology but with increasing prop of JSK
	1				7						2	Mixed lithology but with increasing prop of JSK
	1				7						2	Mixed lithology but with increasing prop of JSK
	1				7						2	Mixed lithology but with increasing prop of JSK

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	7.62	9.14	1.52	203986	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	9.14	10.67	1.52	203987	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	10.67	12.19	1.52	203988	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	12.19	13.72	1.52	203989	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	13.72	15.24	1.52	203990	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	15.24	16.76	1.52	203991	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	16.76	18.29	1.52	203992	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	18.29	19.81	1.52	203993	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	19.81	21.34	1.52	203994	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	21.34	22.86	1.52	203995	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	22.86	24.38	1.52	203996	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	24.38	25.91	1.52	203997	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	25.91	27.43	1.52	203998	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	27.43	28.96	1.52	203999	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	28.96	30.48	1.52	204000	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	30.48	32.00	1.52	204001	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	32.00	33.53	1.52	204002	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	33.53	35.05	1.52	204003	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	35.05	36.58	1.52	204004	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	36.58	38.10	1.52	204005	MV/Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	38.10	39.62	1.52	204006	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	39.62	41.15	1.52	204007	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	41.15	42.67	1.52	204008	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	42.67	44.20	1.52	204009	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	44.20	45.72	1.52	204010	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	45.72	47.24	1.52	204011	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	47.24	48.77	1.52	204012	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	48.77	50.29	1.52	204013	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	50.29	51.82	1.52	204014	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	51.82	53.34	1.52	204015	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	53.34	54.86	1.52	204016	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	54.86	56.39	1.52	204017	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	56.39	57.91	1.52	204018	MV				

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	2					3	1					med. grey
	2					3						med. grey
	2			1		3	1					med. grey; minor euhedral Tour along Py-chl frac.
	2					4	1					med. grey
	2					4	1					med. grey
	2					4	1					med. grey
	1					4	1					med. grey
	2					4	1					med. grey
	2					4	0.5					med. grey
	2					4	0.5					med. grey
	2					4	0.5					med. grey
	2					4	1					med. grey
	2					4						med. grey
	1					4						light greenish brown; minor perv. goethite staining
	2					4						med. grey
	2					4						med. grey
	2					4						med. grey
	2					4	0.5					med. grey
	1					5						light brown; mod. perv. goethite staining
	1					10						light brown; mod. perv. goethite staining
	1					20	3					
	2					20	5					
	2					20	5					
	2					15	8					
	3					15	8					
	3					20	8					
	2					20	5					
	2					20	5					
	2			1		20	5					minor hematite on fracture surface.
	2					20	5					
	2					20	5					
	2					20	5					
	2					20	5					

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	1				10							
	2				10							1 (MV + FI chips 50/50%) overburden ?
	3				15	5		2				1 30% bte phyrlic granite; 30% limonite stained MV; 40% Chl-MV
	2				15	5						2 Med-dark grey-green chl - epd +- cb altered MV
	5				15	5						2 Dark green, fine grained chl - bte - ger schist +- feldspar
	2				15	5						2 crystal lithic (fine lapilli) tuff - see wells 2001 JB - 9
	2				15	5						2 " "
	3				15	5						2 " "
	2				15	5						2 " "
	2				15	5						2 " "
	4				15	5						2 " "
	3				15	5						2 " "
	2				15	5						2 " " + 10% chl-altered Jsk w/ 3% Ds py
	2				15	5						2 " " + 5% chl-altered Jsk w/ 3% Ds py
	3				10	4						2 " " minor Jsk fragments
	3				10	4				1		2 " " 1% milky quartz fragments
	2				15	5						2 " " minor Jsk fragments
	3				15	5						2 " "
1	3				3	4						2 " " 10% Jsk fragments
	3				3	2						2 Jsk + some Py- chl fracture controlled veinlets
	2				3	1						
	2				2	1						
	3				1							
	2				1							
	2				1							1 blue-grey siliceous chip =Mo?
	2				2							
	3				2	1						

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	8	10	2	203851	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	10	12	2	203852	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	12	14	2	203853	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	14	16	2	203854	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	16	18	2	203855	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	18	20	2	203856	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	20	22	2	203857	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	22	24	2	203858	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	24	26	2	203859	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	26	28	2	203860	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	28	30	2	203861	Jsk/MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	30	32	2	203862	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	32	34	2	203863	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	34	36	2	203864	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	36	38	2	203865	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	38	40	2	203866	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	40	42	2	203867	MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	42	44	2	203868	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	44	46	2	203869	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	46	48	2	203870	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	48	50	2	203871	Jsk/MV				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	50	52	2	203872	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	52	54	2	203873	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	54	56	2	203874	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	56	58	2	203875	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	58	60	2	203876	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	60	62	2	203877	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	62	64	2	203878	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	64	66	2	203879	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	66	68	2	203880	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	68	70	2	203881	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	70	72	2	203882	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	72	74	2	203883	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	74	76	2	203884	Jsk				

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	4				20	3						2 (Dark greenish grey; Minor siliceous frags.
	3				15	3						2 Plagioclase coarse ash crystal tuff)
	1				20	3						2 "
	2				20	5						2 "
	1				20	5						2 "
	4				20	5						2 "
	3				20	5						2 "
	2				20	5						2 "
	3				10	5						2 "
	4				5	8						2 70% Green (epd + chl) Jsk; 30% MV as above
	3				10	8						2 50% Jsk; 50% MV
	5				3	5						2 Med. greenish - grey Jsk; possible Chl after bte
	4				5	5						2 70% Jsk; 30% MV
	5				15	5						2 20% Jsk; 80% MV
	4				15	8						2 "
	4				15	8						2 "
	4				15	5						2 minor Jsk
	4				5	2						1 minor MV (5%)
	4				4	1						1 "
	3	2			4	1						2 1 chip of semi - massive Mt, assoc w/ epd + py
	5				10	5						2 50% Jsk; 50% MV
	3				4	5						2 Light greenish (epd) grey
	3				5	3						2 "
	3				5	2						2 "
	3				4	1						2 light grey
	2				5	1						2 "
	2				4	4						2 light greenish grey (epd)
	2				3	2						2 "
	3				3	1						2 "
	2				3	2						2 " Ds subbed Py assoc w epd +- cb +- chl alt.
	2				3	2						2 "
	3				3	1						2 "
	2				4	2						2 "
	2				3	2						2 "

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	76	78	2	203885	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	78	80	2	203886	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	80	82	2	203887	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	82	84	2	203888	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	84	86	2	203889	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	86	88	2	203890	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	88	90	2	203891	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	90	92	2	203892	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	92	94	2	203893	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	94	96	2	203894	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	96	98	2	203895	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	98	100	2	203896	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	100	102	2	203897	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	102	104	2	203898	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	104	106	2	203899	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	106	108	2	203900	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	108	110	2	203901	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	110	112	2	203902	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	112	114	2	203903	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	114	116	2	203904	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	116	118	2	203905	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	118	120	2	203906	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	120	122	2	203907	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	122	124	2	203908	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	124	126	2	203909	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	126	128	2	203910	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	128	130	2	203911	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	130	132	2	203912	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	132	134	2	203913	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	134	136	2	203914	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	136	138	2	203915	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	138	140	2	203916	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	140	142	2	203917	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	142	144	2	203918	Jsk				

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	3					4	0					2 light grey low epd, mod chl
	2					3	0					2
	2				1	3	0					2 minor tour (sub-anhedral) in py - tour - chl assemblage
	2				1	4	0					2
	2					4	0					2
	2					4	1					2
	2					2	1					2
	2					1	1					2
	2					1	0					2
	2					2	0					2
	3					4	0				2	2 significant sericite along foliation surfaces
	3					4	0					2
	3					5	0					2
	3					4	0					2
	4					4	1					2
	3					3	1					2
	2					3	2					2
	2					3	4					2
	2					3	4					2
	2					3	2					2
	4					4	1					2
	3					4						2
	3					5						2
	3					4						2
	3					4						2
	2					3						2
	3					3						2
	2					3						2
	2					3						2
	2					2						2
	2					1						2
	2					1						2
	3					3						2

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	144	146	2	203919	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	146	148	2	203920	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	148	150	2	203921	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	150	152	2	203922	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	152	154	2	203923	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	154	156	2	203924	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	156	158	2	203925	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	158	160	2	203926	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	160	162	2	203927	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	162	164	2	203928	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	164	166	2	203929	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	166	168	2	203930	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	168	170	2	203931	Jsk/MD				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	170	172	2	203932	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	172	174	2	203933	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	174	176	2	203934	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	176	178	2	203935	Jsk				
R02GM-02	479276	5475852	1+57	10+85	1490	-46	56	179	178	179	1	203936	Jsk				

%Py FC	%Py DS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	4				4						2	
	3				4						2	
	3				3						2	
	3				3						2	
	3				3					2	2	ser. visible on FF and pervasive DS replacing plag
	3				3						2	
	3				4					2	2	Ser defining cleavage
	3				3						2	
	4				3						2	
	5				3						2	
	3				3						2	
	2				3						2	
	3	5			10						2	
	3				5						2	
	3				2						2	
	3				4						2	
	4				4						2	
	2				5						2	

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	6.10	7.62	1.52	203937	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	7.62	9.14	1.52	203938	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	9.14	10.67	1.52	203939	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	10.67	12.19	1.52	203940	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	12.19	13.72	1.52	203941	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	13.72	15.24	1.52	203942	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	15.24	16.76	1.52	203943	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	16.76	18.29	1.52	203944	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	18.29	19.81	1.52	203945	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	19.81	21.34	1.52	203946	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	21.34	22.86	1.52	203947	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	22.86	24.38	1.52	203948	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	24.38	25.91	1.52	203949	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	25.91	27.43	1.52	203950	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	27.43	28.96	1.52	203951	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	28.96	30.48	1.52	203952	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	30.48	32.00	1.52	203953	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	32.00	33.53	1.52	203954	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	33.53	35.05	1.52	203955	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	35.05	36.58	1.52	203956	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	36.58	38.10	1.52	203957	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	38.10	39.62	1.52	203958	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	39.62	41.15	1.52	203959	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	41.15	42.67	1.52	203960	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	42.67	44.20	1.52	203961	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	44.20	45.72	1.52	203962	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	45.72	47.24	1.52	203963	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	47.24	48.77	1.52	203964	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	48.77	50.29	1.52	203965	Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	50.29	51.82	1.52	203966	Jsk/MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	51.82	53.34	1.52	203967	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	53.34	54.86	1.52	203968	Jsk/MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	54.86	56.39	1.52	203969	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	56.39	57.91	1.52	203970	MV				

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	57.91	59.44	1.52	203971	MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	59.44	60.96	1.52	203972	Jsk/MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	60.96	62.48	1.52	203973	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	62.48	64.01	1.52	203974	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	64.01	65.53	1.52	203975	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	65.53	67.06	1.52	203976	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	67.06	68.58	1.52	203977	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	68.58	70.10	1.52	203978	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	70.10	71.63	1.52	203979	MV/Jsk				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	71.63	73.15	1.52	203980	MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	73.15	74.68	1.52	203981	MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	74.68	76.20	1.52	203982	Jsk/MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	76.20	77.72	1.52	203983	Jsk/MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	77.72	79.25	1.52	203984	Jsk/MV				
R02GM-03	479420	5475942	3+28	10+85	1477	-46	56	80.77	79.25	80.77	1.52	203985	Jsk/MV				

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	1				20						2	90% MV
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				10						2	
	1				20						2	100% MV
	1				20						2	95% MV
	1				7						2	Mixed lithology but with increasing prop of JSK
	1				7						2	Mixed lithology but with increasing prop of JSK
	1				7						2	Mixed lithology but with increasing prop of JSK
	1				7						2	Mixed lithology but with increasing prop of JSK

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	7.62	9.14	1.52	203986	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	9.14	10.67	1.52	203987	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	10.67	12.19	1.52	203988	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	12.19	13.72	1.52	203989	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	13.72	15.24	1.52	203990	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	15.24	16.76	1.52	203991	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	16.76	18.29	1.52	203992	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	18.29	19.81	1.52	203993	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	19.81	21.34	1.52	203994	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	21.34	22.86	1.52	203995	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	22.86	24.38	1.52	203996	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	24.38	25.91	1.52	203997	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	25.91	27.43	1.52	203998	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	27.43	28.96	1.52	203999	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	28.96	30.48	1.52	204000	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	30.48	32.00	1.52	204001	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	32.00	33.53	1.52	204002	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	33.53	35.05	1.52	204003	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	35.05	36.58	1.52	204004	Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	36.58	38.10	1.52	204005	MV/Jsk				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	38.10	39.62	1.52	204006	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	39.62	41.15	1.52	204007	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	41.15	42.67	1.52	204008	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	42.67	44.20	1.52	204009	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	44.20	45.72	1.52	204010	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	45.72	47.24	1.52	204011	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	47.24	48.77	1.52	204012	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	48.77	50.29	1.52	204013	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	50.29	51.82	1.52	204014	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	51.82	53.34	1.52	204015	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	53.34	54.86	1.52	204016	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	54.86	56.39	1.52	204017	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	56.39	57.91	1.52	204018	MV				

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	2					3	1					med. grey
	2					3						med. grey
	2			1		3	1					med. grey; minor euhedral Tour along Py-chl frac.
	2					4	1					med. grey
	2					4	1					med. grey
	2					4	1					med. grey
	1					4	1					med. grey
	2					4	1					med. grey
	2					4	0.5					med. grey
	2					4	0.5					med. grey
	2					4	0.5					med. grey
	2					4	1					med. grey
	2					4						med. grey
	1					4						light greenish brown; minor perv. goethite staining
	2					4						med. grey
	2					4						med. grey
	2					4						med. grey
	2					4	0.5					med. grey
	1					5						light brown; mod. perv. goethite staining
	1					10						light brown; mod. perv. goethite staining
	1					20	3					
	2					20	5					
	2					20	5					
	2					15	8					
	3					15	8					
	3					20	8					
	2					20	5					
	2					20	5					
	2			1		20	5					minor hematite on fracture surface.
	2					20	5					
	2					20	5					
	2					20	5					
	2					20	5					

HOLE	Easting	Northing	Easting	Northing	Col. elev.	dip	AZ	depth	FROM	TO	WIDTH	SAMPLE #	Geology	% Recov	Au est.	%Cpy	%Mo
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	57.91	59.44	1.52	204019	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	59.44	60.96	1.52	204020	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	60.96	62.48	1.52	204021	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	62.48	64.01	1.52	204022	MV				
R02GM-04	439430	5475927	3+30	10+70	1475	-46	56	65.53	64.01	65.53	1.52	204023	MV				

%Py FC	%Py DIS	%FeO Mt	%FeO Hm	%T	%Chl	%Ep	%Bte	K	Si	Ser	Cb	Notes
	2				20	5						
	2				20	5						
	2				20	5						
	2				20	3						
	2				20	3						

APPENDIX IV

**DRILL SAMPLE RESULTS
CERTIFICATES OF ANALYSES**

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # AI01697R

1400 - 570 Granville St., Vancouver BC V6C 3E1 Submitted by: Linda Dandy

P. 02/10



SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI	<1	<.01	<.01	.01
01GM-04 38.00-40.00	511	<.01	5.03	5.03
01GM-04 42.00-44.00	513	<.01	5.68	5.68

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 18 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

FEB-26-2002 TUE 09:44 AM ACME ANALYTICAL LAB FAX NO. 6042531716

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A101714R

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

P. 03/10

FAX NO. 6042531716

FEB-26-2002 TUE 09:45 AM ACME ANALYTICAL LAB

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI 01GM-04 84.00-86.00	<1 518	<.01 .09	<.01 16.75	.01 16.92

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
 - SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 18 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A102062R
 1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI 01GM-05 80.00-82.00	<1 507	<.01 .08	<.01 6.48	.01 6.64

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
 - SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 15 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P. 10/10

FAX NO. 6042531718

FEB-26-2002 TUE 09:46 AM ACME ANALYTICAL LAB

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A102096R

1400 - 570 Granville St., Vancouver BC V6C 1P1 Submitted by: Linda Dandy

P. 07/10

FAX NO. 6042531716

FEB-26-2002 TUE 09:45 AM ACME ANALYTICAL LAB

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI	<1	<.01	.01	.01
01GM-05 134.00-136.00	504	.04	4.38	4.46
01GM-05 136.00-138.00	510	.46	11.56	12.46

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 15 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A103477 Page 1
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

OCT 17 2001



SAMPLE#	Au** gm/mt
SI	<.01
B 198730	.02
B 198731	.02
B 198732	.03
B 198733	.02
B 198734	.05
B 198735	.06
B 198736	.04
B 198737	.04
B 198738	.09
B 198739	.41
B 198740	.17
RE B 198740	.14
RRE B 198740	.15
B 198741	.26
B 198742	<.01
B 198743	.10
B 198744	.18
B 198745	.18
B 198746	.16
B 198747	.20
B 198748	.15
B 198749	.21
B 198750	.11
B 198751	.22
B 198752	13.82
RE B 198752	12.85
RRE B 198752	11.26
B 198753	.32
B 198754	.25
B 198755	.19
B 198756	.16
B 198757	.43
B 198758	.44
B 198759	.23
STANDARD AU-1	3.36

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 2 2001 DATE REPORT MAILED: Oct 11/01 SIGNED BY: C. Leong TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date 11/FA



SAMPLE#	Au** gm/mt
B 198760	.53
B 198761	.36
B 198762	.21
B 198763	.21
B 198764	.13
B 198765	.60
B 198766	.22
B 198767	.68
B 198768	.19
B 198769	.21
B 198770	.30
RE B 198770	.32
RRE B 198770	.38
B 198771	.27
B 198772	.16
B 198773	.37
B 198774	.48
B 198775	.17
B 198776	.91
B 198777	.13
B 198778	.18
B 198779	.17
B 198780	.15
B 198781	.90
B 198782	.16
B 198783	.27
B 198784	.24
RE B 198784	.23
RRE B 198784	.28
B 198785	.35
B 198786	.50
B 198787	.30
B 198788	.18
B 198789	.44
B 198790	.21
STANDARD AU-1	3.34

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



OCT 17 2000



SAMPLE#	Au** gm/mt
B 198791	.43
B 198792	.37
B 198793	.58
B 198794	.48
B 198795	.17
B 198796	.18
B 198797	.26
B 198798	1.04
B 198799	.51
B 198800	.27
B 198801	.43
B 198802	.29
RE B 198802	.44
RRE B 198802	.29
B 198803	.31
B 198804	.45
B 198805	.09
B 198806	.30
B 198807	.21
B 198808	.17
B 198809	.56
B 198810	.51
B 198811	.72
B 198812	.77
B 198813	1.21
B 198814	1.41
RE B 198814	1.48
RRE B 198814	1.39
B 198815	1.19
B 198816	.35
B 198817	.48
B 198818	.47
B 198819	.55
B 198820	.34
B 198821	1.17
STANDARD AU-1	3.40

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



OCT 17 2001



SAMPLE#	Au** gm/mt
B 198822	.14
B 198823	.70
B 198824	.36
B 198825	.37
B 198826	1.61
B 198827	1.42
B 198828	8.37
B 198829	172.10
RE B 198829	171.98
RRE B 198829	157.84
B 198830	1.44
B 198831	.81
B 198832	.26
B 198833	.28
STANDARD AU-1	3.28

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103477R

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
B 198752	5	287	5	16	.9	7	15	550	3.41	3	<8	13	<2	110	<.2	<3	<3	60	3.35	.119	6	19	1.08	91	.14	3	1.31	.07	1.10	3
B 198798	1	25	6	16	<.3	3	3	435	1.88	4	<8	<2	2	100	.2	<3	<3	11	1.93	.057	8	29	.20	66	.03	3	.55	.11	.34	3
B 198813	2	60	<3	13	.3	3	3	273	1.73	2	<8	<2	2	75	.2	<3	<3	10	1.67	.057	5	27	.21	50	.07	3	.55	.10	.31	<2
B 198814	1	63	5	15	<.3	4	4	210	1.99	<2	<8	<2	2	68	<.2	<3	<3	15	1.28	.055	6	31	.24	49	.07	4	.56	.11	.31	2
B 198815	7	120	<3	11	<.3	4	4	176	2.15	<2	<8	<2	2	63	<.2	<3	<3	14	1.23	.055	6	31	.23	47	.07	<3	.55	.10	.33	2
B 198821	7	9	<3	5	<.3	5	4	168	2.41	<2	<8	<2	2	64	<.2	<3	<3	7	1.52	.052	5	30	.09	66	<.01	<3	.38	.09	.25	<2
B 198826	1	283	4	21	<.3	18	30	694	4.69	37	<8	<2	<2	76	.3	<3	<3	111	2.78	.147	3	52	1.47	61	.17	<3	1.55	.08	1.00	6
B 198827	2	462	5	21	.9	28	32	582	4.79	53	<8	<2	<2	70	.3	<3	<3	96	2.03	.149	3	65	1.36	72	.19	<3	1.55	.09	.92	3
RE B 198827	2	458	3	21	.9	28	32	572	4.73	53	<8	<2	<2	68	.3	<3	<3	95	1.99	.148	3	63	1.33	66	.19	<3	1.51	.07	.90	4
B 198828	2	374	3	14	.7	20	34	438	4.30	35	<8	7	<2	50	<.2	<3	5	77	1.88	.137	2	47	.85	32	.17	<3	.95	.06	.50	7
B 198829	5	480	3	25	12.1	42	36	404	4.28	37	<8	177	<2	69	.3	<3	7	68	2.48	.144	3	35	.61	34	.17	<3	.85	.07	.19	2
B 198830	2	133	<3	28	.4	34	27	721	4.05	12	<8	<2	<2	102	<.2	<3	<3	89	1.77	.146	3	51	1.88	148	.23	<3	2.24	.10	1.25	4
B 198831	5	354	4	21	.9	31	34	504	3.60	15	<8	<2	<2	64	.2	<3	5	86	1.56	.134	2	81	1.39	159	.18	<3	1.52	.08	.99	5
STANDARD DS3	9	124	34	157	<.3	37	11	812	3.17	33	8	<2	4	29	5.6	6	5	79	.55	.093	19	192	.60	146	.09	<3	1.78	.04	.17	6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 14 2001 DATE REPORT MAILED: Nov 15/01 SIGNED BY: *C. Toy* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A103477R2

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

P. 06/10

FAX NO. 6042531716

FEB-26-2002 TUE 09:45 AM ACME ANALYTICAL LAB

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI	<1	<.01	.01	.01
B 198752	505	<.01	9.74	9.74
B 198828	507	<.01	8.89	8.89

-AU = -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 15 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ASSAY CERTIFICATE



Sultan Minerals PROJECT KENA File # A103477R3
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI B 198829	<1 483	<.01 <.01	.01 219.38	.01 219.38

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 27 2002 DATE REPORT MAILED: *March 5/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103532 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	<1	<3	1	<3	<1	<1	9	.03	<2	<8	<2	<2	2	<2	<3	<3	<1	.07	<.001	<1	2	.01	2	<.01	12	.01	.32	<.01	<2	<.01
B 198834	8	52	6	18	.5	3	10	285	1.75	<2	<8	<2	3	27	.2	<3	<3	11	.19	.062	9	16	.17	71	.02	<3	.47	.07	.22	3	.21
B 198835	5	41	5	19	.5	4	15	295	1.91	2	<8	<2	2	67	.2	<3	<3	12	1.22	.063	6	14	.29	48	.02	<3	.44	.09	.32	3	.15
B 198836	8	25	<3	14	<.3	3	35	321	2.03	3	<8	<2	2	115	.3	<3	<3	9	2.12	.059	5	20	.26	39	.01	<3	.39	.08	.26	5	.22
B 198837	11	44	4	13	<.3	3	5	289	1.30	2	<8	<2	2	89	.2	<3	<3	6	1.60	.061	6	16	.14	50	.01	3	.35	.08	.25	<2	.40
B 198838	3	85	<3	20	<.3	2	6	411	1.43	<2	11	<2	3	120	.3	<3	3	9	2.02	.072	6	12	.25	65	.02	<3	.51	.06	.37	2	.24
B 198839	7	171	<3	28	.5	4	6	494	1.89	2	<8	<2	2	116	.3	<3	<3	20	1.94	.079	8	15	.50	88	.05	3	.82	.09	.48	<2	.70
B 198840	4	55	<3	29	<.3	5	14	623	2.56	2	<8	<2	3	182	.3	<3	<3	27	2.57	.099	13	20	.98	94	.08	<3	1.46	.21	.39	2	.42
B 198841	3	94	<3	16	.4	4	8	471	2.00	<2	<8	<2	2	87	.3	<3	3	13	1.63	.073	5	13	.27	85	.04	<3	.62	.07	.44	2	.96
B 198842	5	57	6	24	<.3	3	6	492	1.66	<2	<8	<2	2	86	.2	<3	<3	22	1.76	.085	8	23	.42	59	.09	3	.73	.06	.51	<2	.38
B 198843	5	151	4	23	.5	4	9	474	2.09	2	<8	<2	2	96	.4	<3	5	28	1.69	.087	8	23	.53	47	.11	<3	.79	.07	.43	3	1.47
B 198844	5	40	5	28	<.3	3	6	483	1.69	<2	9	<2	2	135	.3	<3	4	27	1.56	.087	8	23	.54	42	.12	<3	.86	.07	.43	<2	.34
RE B 198844	5	39	<3	29	<.3	4	6	484	1.69	<2	<8	<2	<2	137	.3	<3	<3	27	1.56	.087	7	26	.54	42	.12	<3	.86	.07	.44	<2	.42
RRE B 198844	5	37	<3	38	<.3	4	6	491	1.70	2	<8	<2	<2	139	<.2	<3	3	29	1.58	.088	7	23	.55	43	.12	<3	.88	.07	.44	<2	.42
B 198845	4	64	<3	22	<.3	3	4	468	1.61	<2	<8	<2	<2	122	.2	<3	<3	25	1.98	.089	8	19	.51	51	.09	<3	.73	.06	.35	2	.77
B 198846	9	67	<3	27	<.3	4	4	445	1.74	<2	<8	<2	<2	110	.2	<3	<3	30	1.71	.090	9	25	.59	39	.11	<3	.84	.07	.44	<2	1.14
B 198847	9	22	6	34	<.3	3	4	479	1.99	2	9	<2	<2	137	.3	<3	<3	26	1.60	.092	9	22	.54	61	.11	4	.94	.06	.53	<2	.31
B 198848	4	12	3	49	<.3	4	5	554	1.84	<2	<8	<2	2	155	.2	<3	<3	37	1.21	.091	8	21	.59	42	.13	5	1.04	.06	.47	2	.05
B 198849	5	29	3	37	.5	3	5	658	1.93	<2	<8	<2	2	170	.2	<3	5	17	2.39	.090	8	13	.46	68	.09	<3	.96	.05	.54	<2	.40
B 198850	3	44	3	20	<.3	2	6	661	1.35	<2	<8	<2	2	267	.3	<3	<3	10	3.49	.087	7	7	.22	75	.03	<3	.70	.04	.49	<2	.22
B 198851	3	13	<3	25	<.3	3	6	652	1.51	<2	<8	<2	2	224	.2	<3	<3	12	3.34	.088	8	7	.29	88	.05	5	.83	.03	.50	<2	.17
B 198852	2	55	6	35	<.3	4	6	577	1.86	<2	<8	<2	2	149	.3	<3	<3	18	2.14	.088	9	12	.48	67	.08	<3	.97	.05	.47	<2	.10
B 198853	4	57	3	44	<.3	4	5	498	2.00	4	<8	<2	<2	138	.2	<3	<3	25	1.38	.090	7	18	.55	42	.12	<3	.99	.06	.56	<2	.11
B 198854	3	56	<3	38	<.3	4	7	502	2.11	<2	14	<2	<2	118	.2	<3	<3	28	1.31	.091	7	21	.57	43	.12	8	1.00	.07	.61	<2	.21
B 198855	2	37	<3	33	<.3	3	6	528	1.88	<2	13	<2	2	135	.2	<3	<3	20	1.96	.091	8	14	.44	56	.10	3	.95	.05	.61	<2	.47
B 198856	5	93	5	28	.3	4	10	517	1.69	<2	<8	<2	2	125	.3	<3	<3	23	1.99	.083	6	14	.43	49	.11	3	.81	.06	.52	<2	.21
RE B 198856	5	91	<3	29	<.3	3	10	517	1.69	<2	<8	<2	<2	126	.3	<3	3	22	2.00	.084	6	15	.43	49	.11	<3	.81	.06	.52	<2	.19
RRE B 198856	6	91	4	28	<.3	3	10	514	1.68	<2	<8	<2	<2	118	.2	<3	<3	21	1.99	.084	6	9	.43	43	.10	5	.75	.05	.48	<2	.19
B 198857	4	40	<3	37	<.3	4	5	534	1.64	<2	<8	<2	<2	143	.2	<3	4	20	1.74	.089	6	12	.48	54	.11	3	.88	.05	.51	<2	.21
B 198858	2	74	<3	25	<.3	3	4	636	1.71	<2	<8	<2	2	173	.2	<3	3	15	2.76	.082	9	13	.35	63	.06	<3	.80	.05	.40	<2	.15
B 198859	6	67	3	18	<.3	2	9	786	1.30	2	<8	<2	2	227	.2	<3	3	6	3.50	.083	9	8	.17	127	.01	3	.56	.03	.42	<2	.12
B 198860	8	76	<3	26	<.3	2	9	716	1.64	<2	<8	<2	2	195	.3	<3	<3	9	2.90	.087	8	5	.24	83	.03	4	.64	.04	.41	<2	.59
B 198861	3	63	<3	41	<.3	3	6	649	1.65	<2	8	<2	2	205	.3	<3	<3	21	2.09	.081	8	18	.45	55	.10	3	.95	.07	.38	<2	.06
B 198862	3	63	8	41	<.3	3	8	656	1.70	<2	<8	<2	2	152	.4	<3	<3	19	1.72	.082	6	15	.44	57	.09	3	.88	.05	.32	2	.08
STANDARD DS3/AU-1	9	125	35	151	<.3	36	11	791	3.06	29	<8	<2	4	27	5.6	4	7	73	.51	.092	17	186	.58	161	.08	<3	1.65	.04	.16	4	3.32

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 5 2001 DATE REPORT MAILED: Oct 18/01 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
B 198863	<1	25	4	47	<.3	5	7	662	1.66	2	<8	<2	2	178	.2	3	<3	20	1.37	.096	9	26	.53	69	.10	<3	1.07	.06	.34	<2	.02
B 198864	2	25	6	31	<.3	3	5	584	1.52	2	<8	<2	2	64	<.2	<3	<3	14	1.03	.089	14	22	.35	63	.02	<3	.84	.04	.37	<2	.03
B 198865	2	18	5	19	<.3	4	5	524	1.31	3	<8	<2	2	220	.3	<3	4	17	1.79	.080	8	31	.27	75	.08	3	.84	.05	.38	2	.04
B 198866	2	10	<3	20	<.3	4	8	475	1.75	2	<8	<2	2	143	.2	<3	<3	16	1.13	.085	8	26	.31	102	.09	<3	.77	.05	.37	2	.05
B 198867	2	19	4	21	.4	5	9	594	2.12	2	<8	<2	3	64	<.2	<3	<3	16	1.00	.084	10	28	.32	152	.07	<3	.70	.05	.37	2	.17
B 198868	1	16	3	24	<.3	3	5	614	1.70	2	<8	<2	3	113	.2	<3	<3	17	2.11	.086	10	25	.34	89	.07	<3	.74	.05	.44	<2	.03
B 198869	2	11	<3	21	<.3	4	5	571	1.58	3	<8	<2	3	109	.2	<3	3	14	2.11	.080	11	25	.29	95	.06	<3	.70	.05	.40	<2	.03
B 198870	1	13	5	24	<.3	3	7	628	1.71	3	<8	<2	3	81	.2	<3	<3	15	1.59	.087	13	24	.21	88	.02	<3	.66	.04	.31	2	.03
B 198871	1	22	6	21	<.3	3	5	575	1.56	<2	<8	<2	3	27	<.2	<3	4	9	.42	.089	18	24	.07	108	.01	<3	.56	.05	.35	<2	.02
B 198872	2	10	5	16	<.3	2	5	669	1.53	<2	<8	<2	3	58	<.2	<3	<3	12	1.00	.084	13	24	.14	106	.01	<3	.60	.04	.38	<2	.21
RE B 198872	1	10	<3	16	<.3	2	6	669	1.53	<2	<8	<2	3	58	.2	<3	<3	12	1.01	.085	14	21	.14	107	.01	<3	.60	.04	.38	<2	.18
RRE B 198872	1	11	5	16	<.3	4	6	672	1.61	2	<8	<2	3	59	.2	<3	<3	12	1.02	.086	14	25	.14	110	.01	<3	.64	.05	.40	<2	.21
B 198873	3	18	5	26	<.3	2	6	646	1.43	3	<8	<2	3	74	.2	<3	<3	12	1.21	.091	12	22	.28	83	.02	<3	.69	.05	.36	<2	.22
B 198874	3	20	4	31	<.3	3	9	661	1.94	2	<8	<2	3	49	<.2	<3	<3	22	.35	.094	11	7	.44	82	.06	<3	.87	.05	.37	2	.91
B 198875	1	26	4	37	<.3	3	6	759	1.82	2	<8	<2	2	120	.2	<3	<3	18	1.44	.098	8	12	.42	124	.10	<3	1.05	.05	.67	<2	.05
B 198876	1	33	<3	41	<.3	3	7	752	2.12	2	<8	<2	3	49	.2	<3	<3	17	.53	.109	9	13	.46	120	.10	<3	1.05	.04	.66	2	.03
B 198877	1	63	11	36	<.3	4	8	707	2.31	4	<8	<2	3	72	.2	<3	3	21	.83	.097	10	7	.44	138	.11	<3	1.04	.05	.67	2	.03
B 198878	2	107	12	25	.5	3	8	538	2.34	7	<8	<2	3	117	.2	<3	<3	23	1.98	.097	12	12	.44	85	.10	5	.91	.06	.66	<2	.05
B 198879	2	71	14	28	<.3	4	9	569	2.37	45	<8	<2	3	84	<.2	<3	<3	20	1.26	.097	13	9	.40	108	.08	<3	1.01	.04	.55	<2	.04
B 198880	3	82	9	29	<.3	3	8	622	2.23	6	<8	<2	2	93	.2	<3	3	21	2.22	.088	11	2	.43	61	.06	<3	.87	.04	.34	2	.19
B 198881	4	24	<3	34	<.3	3	5	695	1.69	3	<8	<2	2	155	.2	<3	4	27	2.43	.087	8	12	.49	37	.10	<3	.85	.06	.31	<2	.04
B 198882	4	52	4	30	<.3	3	6	714	1.96	3	<8	<2	3	110	.3	3	<3	24	2.74	.090	6	10	.44	41	.10	<3	.72	.05	.45	<2	.15
B 198883	6	52	6	35	<.3	4	7	663	2.10	2	<8	<2	3	99	<.2	<3	<3	26	2.21	.089	7	7	.50	43	.10	<3	.81	.05	.44	11	.08
B 198884	5	45	3	29	<.3	4	7	684	1.95	4	<8	<2	2	110	.3	<3	<3	24	2.66	.086	5	21	.46	43	.10	<3	.81	.05	.44	2	.10
RE B 198884	4	44	3	29	<.3	4	7	684	1.96	2	<8	<2	2	110	.2	<3	<3	24	2.65	.084	5	22	.46	43	.10	<3	.81	.05	.44	2	.10
RRE B 198884	4	46	4	28	<.3	3	7	695	1.99	2	<8	<2	2	111	.3	<3	<3	22	2.74	.085	5	17	.46	42	.10	<3	.79	.04	.44	2	.13
B 198885	6	115	8	21	<.3	6	15	613	2.67	3	<8	<2	2	106	<.2	<3	3	50	2.63	.098	7	20	.80	104	.12	<3	1.03	.06	.68	<2	.15
B 198886	11	279	6	25	.3	16	41	618	5.52	4	<8	<2	<2	106	<.2	6	<3	141	1.73	.154	4	30	2.60	46	.23	<3	2.43	.04	2.05	2	.27
B 198887	42	505	10	38	.5	21	42	565	5.13	10	<8	<2	<2	93	<.2	5	<3	130	1.91	.172	4	48	2.16	64	.21	<3	2.02	.04	1.70	3	.58
B 198888	16	400	3	20	.6	16	46	499	5.83	3	<8	<2	<2	82	<.2	5	<3	124	1.84	.166	5	28	1.95	40	.22	<3	1.89	.05	1.64	10	.44
B 198889	6	314	4	23	.4	21	33	626	5.23	5	<8	<2	<2	84	<.2	7	<3	145	2.19	.160	5	43	2.50	60	.23	<3	2.20	.05	1.99	14	.29
B 198890	6	268	<3	26	.3	17	26	534	4.58	4	<8	<2	<2	81	<.2	4	6	128	1.90	.155	4	36	2.00	74	.21	<3	1.72	.06	1.37	7	.60
B 198891	11	304	8	23	<.3	15	29	552	4.61	3	<8	<2	<2	93	<.2	5	5	133	1.49	.159	5	27	2.18	149	.22	<3	2.08	.04	1.70	2	.17
B 198892	19	342	5	18	.4	13	43	459	3.86	2	<8	<2	<2	76	<.2	4	<3	110	1.68	.161	5	18	1.37	82	.21	<3	1.49	.04	1.09	2	.31
STANDARD DS3/AU-1	9	120	36	155	.3	37	12	799	3.13	30	10	3	4	28	5.5	5	7	77	.53	.094	18	192	.59	160	.09	3	1.72	.04	.17	6	3.37

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Sultan Minerals PROJECT KENA FILE # A103532



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
B 198893	19	376	<3	23	<.3	10	23	549	4.06	3	8	<2	<2	97	<.2	<3	<3	121	2.00	.160	5	17	1.59	73	.22	<3	1.73	.06	1.44	2	.58
B 198894	24	357	<3	13	.3	9	28	379	2.86	5	<8	<2	<2	81	.2	<3	<3	86	2.01	.163	5	11	.73	42	.16	<3	.94	.05	.60	2	.25
B 198895	30	437	<3	17	<.3	10	24	483	3.85	5	<8	<2	2	105	<.2	<3	<3	101	2.41	.147	7	14	.85	56	.15	<3	1.11	.06	.62	4	.27
B 198896	3	19	4	29	.4	3	7	604	2.01	2	<8	<2	3	83	.2	<3	<3	25	2.30	.089	9	15	.47	49	.07	<3	.82	.05	.50	2	.12
B 198897	2	23	<3	28	<.3	4	7	477	2.09	<2	<8	<2	2	105	<.2	<3	<3	30	1.62	.088	7	15	.54	40	.11	3	.85	.07	.46	3	.15
B 198898	2	17	<3	26	<.3	4	6	453	2.08	2	<8	<2	2	99	<.2	<3	<3	34	1.53	.092	7	11	.58	52	.12	3	.88	.08	.54	3	.10
B 198899	4	66	3	32	<.3	10	12	597	3.04	4	<8	<2	2	110	.2	<3	<3	82	1.87	.102	6	32	1.39	105	.18	<3	1.52	.07	1.23	4	.19
B 198900	10	265	<3	24	.6	17	28	615	4.41	4	<8	<2	2	87	.2	<3	<3	147	2.00	.141	4	30	2.31	117	.24	<3	2.14	.05	1.84	5	.14
A 202001	9	548	<3	20	.4	21	47	535	5.27	6	<8	<2	<2	92	.3	<3	<3	134	1.62	.186	4	22	1.78	40	.22	<3	1.82	.05	1.44	9	.73
A 202002	20	337	4	25	.3	17	25	614	4.45	4	<8	<2	<2	124	.2	<3	<3	123	2.72	.142	4	30	1.91	84	.21	<3	1.79	.06	1.48	5	.48
A 202003	11	66	<3	15	<.3	3	4	194	1.58	3	<8	<2	2	82	<.2	<3	<3	15	1.04	.057	6	9	.28	35	.08	4	.52	.07	.32	2	.25
A 202004	54	73	<3	15	<.3	3	4	213	1.62	<2	<8	<2	2	63	<.2	<3	<3	11	1.35	.054	7	3	.24	39	.06	3	.49	.06	.27	2	.13
RE A 202004	55	72	<3	16	<.3	3	4	215	1.64	2	<8	<2	3	64	<.2	<3	<3	12	1.36	.054	7	5	.25	40	.06	<3	.50	.06	.27	2	.16
RRE A 202004	58	72	3	16	<.3	3	4	210	1.57	<2	<8	<2	3	63	<.2	<3	<3	12	1.34	.054	7	3	.24	39	.06	<3	.49	.06	.27	2	.15
A 202005	30	67	<3	19	<.3	3	3	204	1.88	4	<8	<2	2	63	<.2	<3	<3	21	1.15	.054	5	10	.30	45	.07	<3	.54	.09	.25	3	.15
A 202006	2	16	6	40	<.3	12	25	586	4.33	<2	<8	<2	4	345	.3	<3	<3	63	3.08	.155	36	30	2.05	115	.14	<3	3.47	.55	.28	<2	<.01
A 202007	14	35	4	13	<.3	3	5	173	1.73	5	<8	<2	2	60	<.2	<3	<3	12	1.13	.057	6	15	.19	47	.06	4	.49	.07	.30	2	.13
A 202008	7	55	6	15	<.3	3	3	224	1.67	2	<8	<2	3	74	<.2	<3	<3	11	1.43	.056	8	18	.20	42	.06	<3	.49	.08	.29	2	.26
A 202009	18	10	5	11	<.3	2	2	258	1.40	2	9	<2	2	96	<.2	<3	<3	9	1.88	.062	6	6	.14	62	.06	3	.41	.06	.28	2	.12
A 202010	36	63	<3	16	<.3	3	4	184	1.66	<2	<8	<2	3	68	.2	<3	<3	9	1.25	.056	9	4	.21	71	.05	3	.51	.07	.35	2	.29
A 202011	12	69	3	14	<.3	3	6	205	2.49	2	<8	<2	3	55	<.2	<3	<3	10	1.53	.054	9	6	.16	54	.02	4	.45	.06	.29	2	.40
A 202012	16	75	4	16	<.3	3	5	212	1.61	3	<8	<2	3	82	.2	<3	<3	12	1.47	.056	8	8	.25	47	.05	4	.54	.07	.31	3	.16
A 202013	17	78	<3	13	<.3	3	4	177	1.74	2	8	<2	3	59	<.2	<3	<3	11	1.29	.055	9	20	.23	49	.06	<3	.46	.07	.29	15	.22
A 202014	77	84	3	14	<.3	4	5	157	1.78	2	<8	<2	2	71	<.2	<3	<3	13	1.23	.057	8	22	.25	51	.08	4	.51	.08	.36	23	.39
A 202015	16	58	4	14	<.3	3	5	183	1.95	4	<8	<2	3	57	.2	<3	<3	12	1.36	.055	8	20	.23	46	.07	<3	.48	.06	.34	22	.27
A 202016	14	53	4	14	<.3	4	6	173	2.62	4	<8	<2	3	59	<.2	<3	<3	14	1.22	.056	8	19	.23	50	.07	3	.54	.08	.38	15	.67
RE A 202016	13	50	4	14	<.3	4	6	167	2.53	4	<8	<2	3	57	<.2	<3	<3	13	1.17	.054	8	23	.22	49	.07	4	.51	.07	.37	15	.67
RRE A 202016	14	55	5	15	<.3	4	6	173	2.69	4	<8	2	3	58	<.2	<3	5	13	1.22	.056	8	15	.23	47	.07	7	.50	.07	.37	12	1.50
A 202017	14	76	3	12	<.3	4	11	200	1.75	3	<8	<2	2	70	<.2	<3	3	12	1.65	.055	7	23	.18	48	.07	<3	.46	.07	.35	5	1.17
A 202018	19	48	6	11	.3	3	47	230	2.17	5	<8	<2	3	75	.2	<3	<3	9	1.91	.056	5	20	.16	46	.06	5	.40	.06	.28	5	.24
A 202019	19	29	5	11	<.3	4	24	176	2.17	3	8	<2	3	62	<.2	<3	<3	9	1.48	.056	7	22	.16	48	.05	<3	.42	.07	.30	3	.16
A 202020	27	41	4	10	.3	3	5	167	2.17	5	<8	<2	4	63	<.2	<3	<3	8	1.42	.054	6	18	.15	61	.05	5	.40	.05	.31	5	.49
A 202021	9	32	3	13	<.3	4	5	212	1.74	3	8	<2	3	73	<.2	<3	<3	9	1.62	.056	7	20	.19	64	.05	8	.46	.07	.34	4	.29
A 202022	6	53	<3	14	.3	3	4	269	1.60	3	11	2	3	79	<.2	<3	<3	10	1.93	.055	7	19	.19	58	.05	4	.43	.06	.30	<2	1.34
STANDARD DS3/AU-1	10	123	34	155	.3	38	12	812	3.18	31	10	<2	4	28	5.7	4	6	79	.55	.094	18	189	.60	151	.09	<3	1.76	.04	.17	6	3.34

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202023	8	67	12	13	<.3	4	4	257	1.65	3	<8	<2	3	72	.2	<3	<3	9	1.70	.056	8	18	.18	58	.05	<3	.45	.06	.29	11	.24
A 202024	11	33	<3	10	<.3	3	3	258	1.87	4	<8	<2	3	74	.2	<3	<3	9	1.91	.055	10	14	.16	60	.04	<3	.43	.06	.30	3	.30
A 202025	6	250	3	14	.3	4	7	282	1.59	2	<8	<2	<2	74	.2	<3	<3	11	1.69	.055	7	17	.20	63	.06	<3	.47	.06	.31	3	.45
A 202026	4	83	<3	13	<.3	3	5	283	1.51	5	<8	<2	<2	82	<.2	<3	<3	10	1.81	.059	7	15	.20	72	.06	<3	.50	.05	.32	2	.46
A 202027	6	91	5	12	<.3	4	4	241	1.77	4	<8	<2	2	74	<.2	<3	<3	13	1.68	.057	8	23	.20	79	.05	<3	.50	.06	.31	3	.14
A 202028	7	60	5	10	<.3	2	5	274	1.54	3	<8	<2	2	80	<.2	<3	<3	8	2.03	.056	8	15	.19	89	.02	<3	.45	.06	.26	<2	.31
RE A 202028	8	59	3	11	<.3	3	5	271	1.53	3	<8	<2	2	79	.2	<3	<3	7	2.00	.056	7	15	.18	85	.02	<3	.44	.06	.26	2	.26
RRE A 202028	7	60	<3	10	<.3	4	5	279	1.60	<2	<8	<2	2	82	<.2	<3	<3	9	2.04	.056	8	22	.19	79	.02	<3	.47	.06	.27	2	.25
A 202029	10	57	5	10	<.3	2	5	241	1.77	4	<8	<2	2	80	<.2	<3	<3	10	1.78	.057	7	19	.20	51	.06	<3	.45	.06	.28	7	.31
A 202030	7	67	8	11	.3	4	8	271	1.66	4	12	<2	3	96	<.2	<3	<3	9	1.91	.057	7	24	.18	76	.04	<3	.47	.06	.28	5	.35
A 202031	6	61	4	11	<.3	3	26	262	1.79	5	<8	<2	2	102	<.2	<3	<3	9	2.03	.056	7	18	.19	69	.05	<3	.42	.06	.24	9	.41
STANDARD DS3/AU-1	9	126	35	156	<.3	38	12	835	3.23	31	<8	<2	4	30	5.6	6	6	82	.57	.096	19	195	.62	150	.10	3	1.80	.04	.18	6	3.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A103562

OCT 17 2001



1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Au** gm/mt
B 198701	1.04
B 198702	.18
B 198703	.22
B 198704	.23
B 198705	.09
B 198706	.33
B 198707	.12
B 198708	.19
B 198709	.34
B 198710	.19
RE B 198710	.19
RRE B 198710	.16
B 198711	.12
B 198712	.22
B 198713	.47
B 198714	.79
B 198715	1.07
B 198716	.45
B 198717	.48
B 198718	.27
B 198719	.54
B 198720	.51
B 198721	.22
B 198722	.40
RE B 198722	.40
RRE B 198722	.42
B 198723	.27
B 198724	.11
B 198725	.19
B 198726	<.01
B 198727	.30
B 198728	.16
B 198729	.22
STANDARD AU-1	3.38

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2001 DATE REPORT MAILED: Oct 16/01 SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103594 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	8	<3	2	.3	2	<1	7	.04	<2	<8	<2	<2	3	<2	<3	<3	1	.14	.001	<1	2	.03	5	<.01	<3	.01	.56	<.01	<2	.01
A 202032	3	94	3	45	.3	13	6	407	1.69	<2	<8	<2	2	104	<2	<3	<3	31	.66	.112	13	33	.74	89	.10	<3	.94	.08	.30	2	.09
A 202033	18	223	<3	28	.4	4	6	323	1.56	2	<8	<2	2	104	<2	<3	<3	31	.56	.070	7	17	.48	45	.11	<3	.79	.08	.36	2	.14
A 202034	8	125	6	36	.3	3	5	346	1.59	<2	<8	<2	2	103	<2	<3	<3	26	.55	.069	7	16	.46	51	.10	<3	.75	.07	.32	<2	.07
A 202035	5	127	3	26	<.3	4	5	269	1.19	<2	<8	<2	<2	127	<2	<3	<3	22	.61	.070	7	16	.38	41	.10	<3	.68	.08	.23	2	.07
A 202036	3	134	<3	32	<.3	4	5	341	1.51	<2	<8	<2	2	108	<2	<3	<3	25	.55	.072	6	16	.49	42	.10	<3	.77	.07	.20	<2	.24
A 202037	3	148	<3	26	<.3	5	6	410	1.57	<2	<8	<2	2	31	<2	<3	<3	20	.27	.071	10	6	.36	68	.03	<3	.70	.06	.34	<2	.25
A 202038	6	215	3	28	.3	6	10	376	1.69	<2	<8	<2	2	81	.2	<3	<3	28	.46	.072	7	7	.50	76	.10	<3	.75	.07	.32	2	.15
A 202039	19	180	<3	29	.3	4	8	299	1.42	2	<8	<2	<2	105	<2	<3	<3	25	.56	.073	6	6	.47	38	.10	<3	.69	.07	.32	2	.07
A 202040	11	229	4	30	.4	4	8	311	1.59	2	<8	<2	2	125	<2	<3	<3	27	.61	.075	7	6	.49	40	.11	<3	.79	.08	.30	2	.13
A 202041	8	194	4	27	.5	4	7	313	1.85	3	<8	<2	2	89	<2	<3	<3	30	.48	.075	7	8	.48	37	.09	<3	.74	.07	.24	3	.11
A 202042	15	117	<3	27	<.3	4	15	353	2.44	<2	<8	<2	2	60	<2	<3	<3	28	.58	.073	9	11	.47	40	.08	3	.72	.08	.25	6	.24
RE A 202042	14	113	4	27	.4	4	15	346	2.39	<2	<8	<2	2	58	<2	<3	<3	28	.57	.071	9	9	.46	40	.08	3	.70	.08	.24	6	.25
RRE A 202042	14	114	3	27	.5	5	15	346	2.39	<2	<8	<2	2	59	<2	<3	<3	28	.57	.071	9	23	.46	40	.08	5	.70	.09	.25	6	.26
A 202043	4	180	5	25	.3	3	8	326	1.45	<2	<8	<2	2	81	<2	<3	<3	26	.45	.072	7	19	.39	41	.07	<3	.66	.08	.19	2	.12
A 202044	4	257	<3	28	1.9	3	6	327	1.71	2	<8	<2	2	95	<2	<3	<3	29	.50	.069	6	16	.43	37	.09	<3	.64	.07	.18	<2	.28
A 202045	2	203	3	34	.3	4	7	441	1.69	<2	<8	<2	2	99	<2	<3	<3	30	.51	.072	7	10	.48	43	.10	<3	.72	.09	.19	2	.10
A 202046	6	169	3	25	.3	3	6	446	1.72	<2	<8	<2	3	57	<2	<3	<3	25	.80	.075	10	8	.38	70	.05	3	.67	.07	.29	<2	.15
A 202047	19	271	<3	22	.4	4	5	391	1.64	<2	<8	<2	2	70	<2	<3	<3	27	1.18	.074	8	19	.37	68	.07	<3	.67	.07	.39	<2	.24
A 202048	5	86	<3	23	<.3	3	5	520	1.86	2	<8	<2	2	117	.2	<3	<3	29	2.21	.086	8	17	.42	55	.08	<3	.70	.06	.34	<2	.07
A 202049	3	59	4	19	<.3	4	3	363	1.93	2	<8	<2	2	136	<2	<3	<3	32	1.40	.089	8	20	.41	45	.08	<3	.77	.08	.18	<2	.05
A 202050	7	55	8	26	<.3	4	3	416	1.62	<2	<8	<2	2	113	.2	<3	<3	30	1.31	.073	7	11	.41	31	.09	<3	.62	.06	.21	2	.07
A 202051	13	121	4	24	.4	4	9	303	2.83	<2	<8	<2	<2	84	<2	<3	74	27	.64	.071	7	9	.45	34	.10	3	.67	.08	.24	4	.36
A 202052	9	93	5	26	<.3	3	5	324	1.28	2	<8	<2	2	127	<2	<3	<3	24	.77	.074	7	22	.37	31	.10	<3	.63	.08	.14	<2	.09
A 202053	6	123	5	30	<.3	4	4	553	1.61	2	<8	<2	2	131	.2	<3	<3	24	1.49	.073	8	24	.48	98	.06	<3	.83	.07	.26	<2	.07
A 202054	5	93	4	26	.4	3	4	618	1.60	<2	<8	<2	2	90	<2	<3	<3	21	2.21	.073	9	17	.37	76	.06	<3	.64	.06	.34	3	.27
RE A 202054	5	94	3	27	<.3	3	4	636	1.65	<2	<8	<2	3	94	<2	<3	<3	23	2.27	.073	8	15	.38	78	.06	<3	.68	.06	.35	4	.27
RRE A 202054	5	91	<3	27	.3	3	5	629	1.65	<2	<8	<2	2	94	<2	<3	<3	23	2.23	.073	8	7	.38	77	.06	<3	.68	.06	.35	3	.35
A 202055	6	93	3	26	<.3	3	4	505	1.76	<2	<8	<2	2	90	<2	<3	<3	27	2.00	.073	8	10	.35	81	.04	3	.64	.06	.27	97	.11
A 202056	7	12	5	17	.3	3	8	537	1.77	2	<8	<2	3	87	<2	<3	<3	13	2.78	.068	9	14	.25	107	<.01	<3	.47	.07	.29	<2	.21
A 202057	9	12	5	17	<.3	2	3	501	1.51	<2	<8	<2	2	98	<2	<3	<3	17	2.58	.069	8	13	.29	149	.01	<3	.50	.06	.30	<2	.09
A 202058	6	29	5	23	.3	2	4	485	1.43	2	<8	<2	2	84	<2	<3	<3	19	2.17	.073	10	7	.37	94	.02	3	.62	.05	.29	2	.19
A 202059	3	62	9	57	<.3	80	30	1278	5.71	4	<8	<2	8	987	.4	<3	4	145	4.92	.590	158	86	3.55	1199	.04	<3	2.05	.20	.73	3	.03
A 202060	9	30	5	20	<.3	5	12	454	2.22	5	<8	<2	2	103	<2	<3	3	30	1.88	.079	13	20	.47	124	.02	<3	.72	.08	.25	3	.58
STANDARD DS3/AU-1	10	125	33	158	<.3	36	12	818	3.20	30	8	<2	4	28	5.8	3	5	79	.54	.096	18	182	.61	145	.09	3	1.76	.04	.17	5	3.36

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 10 2001 DATE REPORT MAILED: Oct 22/01 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Sultan Minerals PROJECT KENA FILE # A103594



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	AU**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	gm/mt
A 202061	6	35	3	24	<.3	3	4	485	1.66	2	<8	<2	<2	122	.2	<3	<3	27	2.07	.072	9	14	.43	104	.05	5	.78	.07	.24	2	.14
A 202062	14	34	7	21	<.3	3	4	365	1.34	<2	9	<2	<2	110	.2	<3	<3	26	1.53	.076	7	18	.41	39	.09	<3	.65	.08	.15	<2	.12
A 202063	6	21	6	21	<.3	4	5	437	1.46	<2	<8	<2	2	121	<.2	<3	<3	25	1.91	.079	9	20	.43	61	.07	5	.74	.08	.25	2	.14
A 202064	9	20	3	20	<.3	2	5	439	1.76	<2	<8	<2	<2	414	.2	<3	<3	20	2.22	.079	8	12	.42	172	.03	<3	.58	.05	.30	<2	.11
A 202065	11	40	3	26	<.3	4	5	501	1.81	<2	10	<2	2	335	.3	<3	<3	24	2.10	.079	10	19	.44	166	.04	<3	.68	.06	.30	2	.17
A 202066	10	55	5	29	<.3	3	5	543	1.85	2	<8	<2	<2	184	.2	<3	<3	31	2.00	.078	9	14	.47	80	.07	<3	.85	.07	.23	<2	.10
A 202067	7	38	3	42	<.3	4	7	492	1.79	<2	<8	<2	<2	127	<.2	<3	<3	32	1.24	.082	7	8	.55	40	.10	<3	.83	.06	.15	2	.09
A 202068	9	80	5	36	<.3	5	6	476	1.65	2	<8	<2	2	128	.3	<3	<3	34	1.30	.076	7	25	.53	32	.11	<3	.80	.07	.19	2	.11
A 202069	8	37	4	31	<.3	3	6	612	1.82	2	<8	<2	<2	114	<.2	<3	<3	28	1.95	.075	7	8	.45	70	.08	<3	.78	.06	.31	3	.10
A 202070	7	40	<3	19	<.3	4	16	634	2.20	<2	<8	<2	2	135	.2	<3	<3	12	2.89	.076	7	5	.33	80	.02	<3	.54	.04	.35	2	.45
RE A 202070	6	40	<3	19	<.3	3	17	633	2.23	<2	<8	<2	<2	135	.2	<3	<3	12	2.89	.075	8	6	.33	81	.02	<3	.54	.04	.35	2	.50
RRE A 202070	6	39	3	19	.4	4	17	664	2.33	<2	<8	<2	2	144	<.2	<3	<3	15	3.02	.077	8	5	.35	98	.02	<3	.69	.06	.43	3	.48
A 202071	6	24	<3	23	<.3	5	15	571	2.63	<2	<8	<2	<2	117	.2	<3	3	26	2.49	.078	9	14	.51	80	.05	<3	.66	.07	.29	2	.41
A 202072	4	36	9	25	<.3	3	6	533	2.18	2	<8	<2	2	225	.2	<3	<3	28	2.25	.079	9	9	.51	262	.06	3	.75	.06	.26	5	.19
A 202073	7	24	8	18	<.3	3	4	398	1.80	3	12	<2	<2	128	.2	<3	<3	29	1.78	.091	7	6	.44	26	.08	<3	.68	.06	.15	2	.14
A 202074	6	28	<3	15	<.3	4	4	304	1.41	<2	<8	<2	2	120	.2	<3	<3	33	1.59	.089	7	24	.40	21	.10	<3	.63	.07	.15	<2	.17
A 202075	4	25	3	19	<.3	3	5	367	1.84	3	<8	<2	<2	102	.2	<3	<3	34	1.48	.085	7	6	.51	20	.10	<3	.71	.06	.17	2	.19
A 202076	4	21	3	19	<.3	4	5	442	1.91	<2	<8	<2	<2	114	.2	<3	<3	37	1.87	.087	7	10	.52	27	.08	<3	.75	.06	.24	2	.14
A 202077	7	35	5	23	<.3	4	5	420	1.80	<2	<8	<2	<2	125	<.2	<3	<3	33	1.57	.086	7	16	.56	27	.09	3	.85	.06	.26	<2	.17
A 202078	5	20	<3	21	<.3	5	6	488	2.08	<2	8	<2	<2	101	.3	<3	<3	36	2.06	.086	9	19	.53	36	.09	<3	.80	.07	.35	<2	.16
A 202079	7	52	3	22	<.3	4	3	519	1.95	<2	<8	<2	<2	119	.2	<3	<3	38	2.17	.084	7	15	.51	34	.11	<3	.79	.06	.36	<2	.05
A 202080	5	38	<3	20	<.3	4	7	510	1.96	3	<8	<2	<2	114	.2	<3	<3	31	2.25	.085	7	14	.49	47	.08	<3	.81	.06	.38	5	.10
A 202081	6	23	7	20	<.3	4	4	434	1.90	<2	<8	<2	<2	128	.3	<3	<3	43	1.82	.085	7	20	.50	26	.10	<3	.75	.07	.19	<2	.07
A 202082	7	21	4	28	<.3	4	11	453	2.51	4	<8	<2	<2	156	.2	<3	<3	36	2.32	.082	8	20	.46	31	.07	<3	.73	.07	.17	<2	.24
RE A 202082	7	21	6	27	<.3	4	11	449	2.48	<2	<8	<2	<2	157	<.2	<3	<3	36	2.30	.081	7	22	.45	31	.08	<3	.72	.07	.17	2	.24
RRE A 202082	6	19	3	18	<.3	5	11	462	2.56	2	<8	<2	<2	150	<.2	<3	<3	37	2.35	.082	7	18	.46	29	.07	<3	.74	.07	.21	2	.25
A 202083	5	47	7	15	<.3	3	4	251	1.59	<2	8	<2	<2	126	<.2	<3	<3	35	1.41	.078	7	21	.30	23	.09	<3	.55	.07	.12	4	.07
A 202084	5	26	7	15	<.3	3	3	232	1.48	2	<8	<2	<2	101	<.2	<3	<3	30	1.24	.079	6	7	.23	22	.10	<3	.46	.07	.12	40	.16
A 202085	4	28	5	22	<.3	5	4	371	2.15	2	<8	<2	<2	179	.2	<3	<3	36	1.45	.082	6	11	.52	21	.10	4	.88	.06	.17	3	.18
A 202086	4	42	<3	19	<.3	4	3	490	2.18	2	<8	<2	<2	293	.4	<3	<3	30	2.57	.078	10	4	.47	25	.06	<3	.82	.06	.23	4	.44
A 202087	3	128	<3	20	.3	5	4	419	2.30	2	9	<2	2	120	.2	<3	<3	33	1.64	.082	8	25	.57	31	.11	<3	.86	.07	.43	6	1.15
A 202088	4	50	5	23	<.3	4	6	509	2.34	2	<8	<2	2	160	<.2	<3	<3	36	2.19	.092	11	25	.75	51	.11	<3	1.20	.12	.45	3	.36
A 202089	2	156	6	19	.4	5	7	346	2.71	3	<8	<2	2	87	.2	<3	<3	35	1.36	.085	8	25	.62	28	.13	<3	.79	.09	.54	8	.86
A 202090	5	41	<3	24	<.3	4	8	405	2.46	2	<8	<2	2	134	.3	<3	<3	34	1.46	.089	6	7	.57	36	.13	<3	.99	.07	.58	<2	.26
STANDARD DS3/AU-1	10	127	32	159	<.3	34	12	828	3.22	33	<8	<2	4	29	5.9	4	5	80	.55	.097	18	187	.61	145	.09	<3	1.78	.04	.17	6	3.31

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Sultan Minerals PROJECT KENA FILE # A103594

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SAMPLE#

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	AU**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	gm/mt
A 202091	8	56	6	30	<.3	5	7 449	2.04	<2	8	<2	2 144	<.2	<3	<3	33	1.54	.085	7	21	.52	35	.13	<3	.95	.07	.57	5	.13		
A 202092	4	50	4	41	<.3	4	6 604	2.06	5	9	<2	2 137	<.2	<3	3	29	1.80	.096	7	19	.53	37	.11	<3	1.06	.05	.55	2	.14		
A 202093	5	57	5	37	<.3	4	6 576	2.05	6	<8	<2	<2 152	<.2	<3	3	28	1.64	.099	7	5	.61	35	.13	4	1.07	.06	.54	2	.15		
A 202094	2	306	3	21	.4	3	8 522	2.07	6	8	<2	2 94	<.2	<3	5	27	2.60	.091	7	9	.49	30	.10	<3	.77	.05	.51	7	.46		
A 202095	3	298	3	29	.7	5	13 452	1.96	2	<8	3	2 122	<.2	<3	5	30	1.83	.086	6	21	.51	29	.12	<3	.81	.07	.45	2	1.88		
A 202096	7	181	<3	24	1.1	7	82 429	2.75	3	<8	8	2 100	<.2	<3	3	34	1.68	.085	5	8	.52	25	.11	<3	.78	.05	.41	52	6.54		
A 202097	9	36	<3	27	<.3	4	7 465	1.76	<2	<8	<2	2 148	<.2	<3	<3	33	1.84	.086	5	14	.54	26	.11	<3	.87	.05	.29	5	.22		
A 202098	6	59	3	27	.3	3	7 649	1.86	2	<8	<2	2 187	<.2	<3	<3	19	2.73	.094	7	11	.36	53	.07	8	.91	.04	.49	<2	.17		
A 202099	4	60	<3	24	<.3	2	7 744	1.39	<2	<8	<2	2 177	<.2	<3	<3	9	3.43	.086	10	8	.16	84	.10	<3	.66	.03	.43	<2	.09		
A 202100	7	27	5	44	<.3	4	7 691	1.65	2	8	<2	<2 171	<.2	<3	3	23	1.99	.091	9	19	.51	81	.10	<3	1.02	.05	.49	<2	.05		
A 202101	74	18	<3	50	<.3	5	6 582	1.72	2	<8	<2	2 183	<.2	<3	<3	30	1.24	.098	7	22	.60	40	.14	<3	1.10	.06	.55	2	.04		
A 202102	5	28	5	54	<.3	4	9 682	1.93	2	<8	<2	2 140	.2	<3	<3	35	1.29	.099	7	18	.60	42	.14	<3	.99	.06	.55	<2	.11		
RE A 202102	4	27	<3	55	<.3	3	8 684	1.92	2	<8	<2	2 140	.2	<3	<3	34	1.30	.099	8	17	.60	42	.14	<3	.99	.06	.55	2	.13		
RRE A 202102	5	27	6	53	<.3	4	9 672	1.95	<2	<8	<2	<2 138	<.2	<3	<3	34	1.29	.097	7	5	.59	44	.14	<3	1.00	.06	.55	2	.10		
A 202103	5	29	6	50	<.3	5	8 626	1.73	<2	<8	<2	2 134	<.2	<3	<3	27	1.41	.090	7	26	.52	45	.13	<3	.91	.05	.58	2	.36		
A 202104	5	11	<3	37	<.3	3	6 649	1.52	3	<8	<2	2 115	.2	<3	<3	22	2.06	.096	6	12	.43	53	.11	3	.85	.04	.55	<2	.05		
A 202105	6	26	3	28	<.3	3	6 475	1.88	3	10	<2	2 123	<.2	<3	<3	24	1.66	.089	6	7	.46	35	.11	<3	.78	.05	.43	2	.07		
A 202106	11	14	4	29	<.3	3	5 558	1.70	2	<8	<2	2 131	.2	<3	3	25	1.87	.090	6	5	.46	45	.11	<3	.85	.05	.51	<2	.04		
A 202107	4	12	4	39	<.3	3	5 625	1.46	<2	<8	<2	2 144	<.2	<3	<3	20	2.00	.088	6	8	.45	51	.11	<3	.90	.04	.57	<2	.01		
A 202108	2	11	<3	27	<.3	4	5 482	1.30	<2	<8	<2	<2 155	.2	<3	<3	19	1.84	.083	5	13	.34	61	.10	3	.82	.05	.49	<2	<.01		
A 202109	4	9	6	26	<.3	4	5 533	1.86	2	<8	<2	<2 100	<.2	<3	<3	19	2.14	.084	9	13	.41	57	.07	<3	.80	.05	.42	<2	.04		
A 202110	4	12	<3	26	<.3	5	6 511	1.98	2	<8	<2	2 114	.2	<3	<3	25	1.84	.085	7	16	.44	42	.10	<3	.81	.06	.43	<2	.05		
A 202111	4	10	<3	25	<.3	3	5 519	1.60	2	<8	<2	2 114	<.2	<3	5	22	2.02	.082	8	17	.42	47	.08	<3	.79	.05	.42	<2	.04		
A 202112	1	12	6	24	<.3	4	5 584	1.59	<2	<8	<2	2 122	<.2	<3	3	20	2.52	.082	8	18	.34	55	.07	3	.77	.05	.45	<2	.02		
A 202113	3	7	4	32	<.3	3	5 516	1.71	<2	<8	<2	2 131	.2	<3	<3	22	1.85	.088	7	15	.45	56	.10	<3	.88	.06	.45	<2	.01		
A 202114	3	37	3	34	<.3	4	6 689	1.82	2	<8	<2	2 126	.4	<3	<3	21	2.32	.097	9	11	.38	54	.06	<3	.98	.06	.42	<2	.13		
RE A 202114	3	37	5	35	.4	4	6 701	1.85	3	<8	<2	2 127	.2	<3	<3	21	2.36	.098	9	13	.39	55	.06	<3	1.00	.06	.43	<2	.12		
RRE A 202114	2	34	3	33	<.3	2	6 672	1.75	3	<8	<2	2 118	.2	<3	<3	18	2.27	.096	8	4	.37	48	.06	<3	.90	.04	.38	2	.11		
A 202115	3	33	<3	37	<.3	3	6 686	1.94	<2	13	<2	<2 152	<.2	<3	3	27	2.03	.093	8	4	.54	49	.10	<3	1.04	.06	.44	2	.04		
A 202116	3	37	5	31	<.3	4	5 763	1.70	<2	<8	<2	2 156	.2	<3	3	15	3.17	.091	5	10	.38	76	.10	<3	1.01	.04	.71	<2	.04		
A 202117	3	41	6	31	<.3	3	8 799	2.27	4	<8	<2	2 170	.2	<3	3	24	2.73	.097	9	14	.47	93	.09	<3	1.00	.06	.58	2	.04		
A 202118	4	76	4	41	.3	9	14 867	3.54	4	<8	<2	<2 189	<.2	3	<3	78	3.00	.123	6	30	1.41	196	.18	4	1.75	.06	1.32	<2	.11		
A 202119	14	247	<3	31	<.3	13	23 760	6.06	2	<8	<2	<2 106	.4	<3	<3	175	2.79	.158	4	19	2.97	146	.28	4	3.00	.04	2.60	3	.28		
A 202120	136	476	<3	31	.4	16	32 714	5.96	2	<8	<2	<2 75	.3	<3	<3	168	2.61	.161	4	40	2.72	89	.25	<3	2.61	.04	2.28	2	.25		
A 202121	27	390	<3	29	.4	18	33 741	6.15	<2	<8	<2	<2 77	.3	<3	<3	191	2.46	.159	4	38	2.62	119	.27	<3	2.58	.05	2.24	<2	.33		
STANDARD DS3/AU-1	10	126	34	158	<.3	37	12 822	3.20	32	8	<2	4	29	5.7	5	5	79	.55	.097	18	188	.61	141	.09	4	1.76	.04	.17	5	3.33	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P. 09/10

FEB-26-2002 TUE 09:46 AM ACME ANALYTICAL LAB FAX NO. 6042531716

ACME ANALYTICAL LABORATORIES LTD.
(ISO 9002 Accredited Co.)

824 E. HASTINGS ST. VANCOUVER BC V6A 1K0

PHONE (604) 434-3150

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A103594R

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

AA

AA

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI A 202096	<1 505	<.01 .28	.01 4.86	.01 5.41

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 15 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. P.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA *VMS*

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103623 Page 1
 1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
 ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % % % ppm gm/mt

SI	1	1	<3	6	<.3	1	<1	4	.03	<2	<8	<2	2	.2	<3	<3	<1	.07	.001	<1	1	<.01	3	<.01	<3	<.01	.35	.01	<2	.01	
A 202122	17	128	5	20	.6	4	7	429	2.09	3	<8	<2	3	44	.4	6	<3	14	.73	.068	9	8	.23	108	.02	3	.52	.07	.21	4	.46
A 202123	12	105	7	24	1.4	4	4	396	1.99	<2	<8	<2	3	24	.3	6	<3	10	.29	.066	11	6	.13	72	.02	<3	.47	.08	.22	2	.60
A 202124	12	78	10	19	.9	3	4	437	1.84	<2	<8	<2	3	27	.4	9	<3	8	.40	.069	10	8	.13	100	<.01	<3	.43	.07	.22	2	.62
A 202125	10	90	7	17	.9	5	2	404	2.11	3	<8	<2	3	62	.2	4	<3	18	1.22	.069	7	7	.30	104	.04	<3	.50	.09	.25	4	.55
A 202126	9	109	8	54	1.1	4	2	444	2.18	3	<8	<2	3	70	.2	6	<3	19	1.46	.069	8	10	.36	111	.03	3	.51	.06	.20	4	.42
A 202127	10	89	3	18	.9	4	3	427	2.17	<2	<8	3	3	75	.3	7	<3	20	1.90	.068	8	9	.39	100	.03	3	.52	.08	.19	5	.70
A 202128	11	65	3	14	.7	4	3	423	2.04	2	<8	<2	3	81	.2	3	<3	20	2.05	.068	9	9	.40	85	.04	3	.49	.07	.24	4	.88
A 202129	11	68	3	17	.7	4	1	387	2.18	<2	<8	<2	3	72	.3	3	<3	18	1.82	.066	7	8	.36	74	.05	<3	.52	.08	.30	5	.92
A 202130	9	52	<3	28	.7	13	7	566	2.65	3	<8	<2	4	248	.3	<3	4	37	2.22	.204	32	17	.79	90	.07	4	.83	.16	.36	4	.35
A 202131	5	18	6	19	<.3	4	4	399	2.03	<2	<8	<2	3	72	<.2	<3	<3	29	1.54	.071	7	8	.45	37	.09	3	.62	.08	.29	7	.32
A 202132	8	26	6	20	<.3	4	6	373	1.86	3	<8	<2	2	79	.2	<3	<3	26	1.30	.065	5	10	.42	28	.08	<3	.60	.08	.19	19	.31
RE A 202132	7	28	5	18	<.3	3	6	370	1.86	3	<8	<2	3	80	.3	5	3	26	1.31	.066	5	14	.43	28	.09	<3	.60	.08	.20	19	.27
RRE A 202132	8	27	5	20	.3	4	6	369	1.92	<2	<8	<2	3	82	<.2	3	<3	26	1.33	.067	6	9	.42	30	.09	<3	.62	.09	.21	16	.33
A 202133	7	75	4	20	<.3	5	4	414	1.81	<2	8	<2	2	79	.3	<3	<3	26	1.70	.067	6	11	.41	33	.09	6	.60	.08	.30	24	.24
A 202134	5	27	4	19	<.3	4	2	384	1.82	3	<8	<2	3	79	.3	3	3	33	1.32	.068	6	10	.45	36	.10	<3	.67	.10	.36	17	.24
A 202135	5	25	<3	19	.3	3	4	379	1.81	3	<8	<2	2	87	<.2	3	<3	27	1.28	.069	6	13	.46	26	.09	<3	.62	.08	.19	20	.26
A 202136	17	45	6	21	<.3	4	5	432	1.74	<2	<8	<2	2	77	.3	4	<3	27	1.65	.067	6	8	.43	41	.08	<3	.68	.08	.36	15	.17
A 202137	17	119	5	21	.5	4	7	451	1.68	2	8	<2	3	84	<.2	4	<3	28	1.79	.066	6	12	.42	41	.08	<3	.65	.07	.31	14	.25
A 202138	12	57	8	24	.7	1	2	431	1.82	3	<8	<2	2	81	.3	4	<3	31	1.64	.068	6	10	.43	41	.09	<3	.65	.09	.33	9	.26
A 202139	7	50	<3	21	<.3	4	1	413	1.76	<2	<8	<2	2	85	<.2	3	4	30	1.36	.067	7	12	.44	36	.08	3	.65	.08	.34	8	.15
A 202140	6	31	<3	24	<.3	4	3	368	1.95	4	<8	<2	2	94	<.2	5	<3	31	1.02	.067	6	11	.47	38	.11	3	.77	.09	.40	10	.20
A 202141	4	20	4	19	<.3	4	8	353	2.49	<2	<8	<2	2	90	.2	3	3	28	1.12	.067	7	11	.44	35	.09	5	.72	.08	.34	15	.68
A 202142	8	61	5	22	<.3	4	4	331	2.12	3	<8	<2	2	96	<.2	3	4	26	1.03	.065	7	8	.44	39	.10	6	.72	.09	.34	13	.49
A 202143	4	28	<3	19	<.3	5	7	384	2.13	5	<8	<2	2	95	<.2	3	3	26	1.20	.064	6	9	.44	33	.08	5	.71	.07	.29	11	.28
A 202144	4	34	5	22	<.3	5	3	371	1.78	3	<8	<2	<2	94	<.2	<3	<3	26	1.10	.067	6	9	.44	35	.10	6	.71	.09	.31	19	.11
RE A 202144	4	33	<3	22	<.3	5	2	357	1.74	4	<8	<2	3	90	<.2	6	3	26	1.08	.065	6	11	.43	36	.10	<3	.69	.09	.30	18	.11
RRE A 202144	5	34	5	18	.3	4	3	354	1.75	5	<8	<2	3	86	<.2	3	4	27	1.08	.065	6	12	.44	33	.10	4	.66	.08	.29	16	.13
A 202145	6	47	5	22	.3	3	2	383	1.87	<2	<8	<2	2	83	<.2	<3	<3	27	1.28	.066	6	9	.42	39	.09	<3	.68	.08	.34	15	.28
A 202146	8	38	5	25	<.3	2	2	462	1.86	3	<8	<2	3	95	.2	<3	<3	31	1.48	.067	7	10	.52	27	.08	<3	.73	.08	.24	10	.12
A 202147	4	50	3	19	.3	3	3	436	1.84	2	8	<2	2	104	<.2	4	<3	33	1.66	.068	6	9	.44	38	.08	5	.71	.07	.25	12	.15
A 202148	10	51	7	17	<.3	4	6	505	2.07	2	<8	<2	3	144	<.2	<3	<3	27	2.19	.063	8	9	.40	51	.06	4	.57	.07	.19	10	.23
A 202149	9	43	3	26	<.3	4	4	399	1.84	2	<8	<2	3	87	<.2	3	4	29	1.47	.068	6	9	.44	31	.09	<3	.64	.08	.19	11	.28
A 202150	13	33	<3	17	<.3	5	7	418	2.21	<2	<8	<2	2	78	.2	<3	3	33	1.83	.069	8	10	.44	31	.07	4	.58	.07	.26	16	.42
STANDARD DS3/AU-1	10	124	34	154	<.3	35	12	795	3.17	32	<8	<2	4	28	5.7	5	7	79	.53	.096	18	191	.60	164	.08	<3	1.75	.04	.18	3	3.37

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 12 2001 DATE REPORT MAILED: *Oct 26/01* SIGNED BY: *C. Leong* P. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202151	9	15	3	522	<.3	3	6	432	1.64	5	<8	<2	2	80	9.7	<3	<3	21	2.09	.058	7	7	.36	32	.03	<3	.50	.06	.26	90	.47
A 202152	10	24	<3	16	.4	1	3	450	2.03	2	<8	<2	2	96	<.2	<3	<3	20	2.32	.057	8	5	.30	53	.01	<3	.44	.05	.20	4	.48
A 202153	8	29	3	23	.5	2	2	482	1.89	2	<8	<2	2	190	<.2	<3	<3	27	2.20	.061	7	7	.42	41	.04	<3	.59	.05	.20	5	.39
A 202154	12	43	3	17	<.3	2	3	418	1.59	5	<8	<2	2	88	<.2	<3	<3	26	1.92	.060	5	8	.38	24	.05	<3	.57	.06	.24	8	1.14
A 202155	22	63	3	18	.3	2	2	403	1.81	<2	<8	<2	2	85	<.2	<3	<3	27	2.00	.059	6	9	.40	22	.04	3	.53	.06	.22	9	.45
A 202156	10	61	<3	15	1.1	2	3	391	2.01	3	<8	<2	2	80	<.2	<3	<3	25	1.81	.062	5	8	.38	30	.06	3	.53	.07	.32	27	.93
A 202157	5	20	5	17	.4	3	5	383	1.96	3	<8	<2	3	67	.2	<3	3	32	1.64	.063	7	10	.43	21	.08	4	.55	.08	.26	16	.62
A 202158	7	28	18	26	1.5	4	3	405	1.67	3	<8	5	<2	106	<.2	<3	<3	29	1.42	.062	7	10	.44	23	.09	4	.64	.07	.24	13	5.90
A 202159	8	30	7	32	<.3	1	3	384	1.50	3	8	<2	2	90	.2	<3	<3	27	1.18	.059	7	11	.42	24	.09	<3	.66	.07	.27	5	.27
A 202160	19	43	5	18	.4	3	4	438	1.81	2	<8	<2	3	106	<.2	<3	<3	21	2.09	.064	10	7	.33	34	.04	<3	.56	.07	.23	9	.31
A 202161	3	25	<3	16	.3	3	4	428	1.60	3	<8	<2	2	81	<.2	<3	<3	25	1.84	.062	5	7	.38	30	.07	<3	.56	.05	.31	10	.23
A 202162	3	19	3	19	<.3	4	3	417	1.65	4	<8	<2	2	102	<.2	<3	<3	28	1.61	.062	6	8	.43	22	.08	3	.65	.07	.21	11	.41
RE A 202162	2	17	5	21	<.3	2	3	409	1.63	<2	<8	<2	2	101	<.2	<3	<3	26	1.59	.060	6	9	.42	21	.09	<3	.64	.07	.20	11	.60
RRE A 202162	3	17	6	17	<.3	3	3	418	1.64	<2	<8	<2	2	102	<.2	<3	<3	29	1.63	.064	7	11	.43	22	.08	<3	.65	.07	.21	12	.36
A 202163	3	22	6	21	<.3	4	3	411	1.67	<2	<8	<2	2	92	<.2	3	3	28	1.61	.064	6	8	.44	30	.09	<3	.68	.07	.33	7	.24
A 202164	7	13	<3	23	<.3	3	2	447	1.69	<2	10	<2	2	225	<.2	<3	<3	30	1.68	.063	7	8	.44	25	.08	<3	.66	.06	.27	5	.09
A 202165	6	48	3	33	<.3	3	5	664	2.04	<2	<8	<2	2	209	.4	<3	<3	29	2.69	.086	8	6	.47	54	.06	3	.86	.04	.50	2	.14
A 202166	2	24	6	33	<.3	2	4	477	2.21	4	<8	<2	2	116	.2	3	<3	41	1.08	.092	9	9	.64	32	.12	3	1.01	.07	.68	3	.14
A 202167	11	57	4	34	.6	4	5	518	2.43	7	<8	<2	3	136	.5	<3	<3	32	1.72	.098	12	8	.59	38	.10	5	.96	.06	.57	9	.61
A 202168	10	36	<3	34	<.3	2	4	448	2.11	4	<8	<2	2	119	<.2	3	<3	38	.96	.092	11	9	.66	26	.13	4	1.01	.06	.57	2	.25
A 202169	2	28	<3	31	.3	3	7	462	2.32	6	<8	<2	3	122	.4	3	<3	32	1.23	.091	11	8	.60	28	.10	<3	.93	.05	.57	<2	.80
A 202170	2	22	4	29	.3	2	8	497	2.33	4	<8	<2	3	122	<.2	<3	<3	34	1.55	.091	11	8	.61	36	.10	<3	.97	.05	.66	6	1.81
A 202171	4	18	5	26	.3	3	5	537	2.13	4	<8	<2	3	156	.5	3	<3	31	2.37	.091	9	6	.49	52	.10	3	.99	.04	.77	<2	.18
A 202172	2	10	5	22	<.3	3	5	634	1.96	2	<8	<2	3	176	.3	<3	<3	15	3.57	.092	10	5	.34	55	.06	<3	.84	.02	.67	<2	.14
A 202173	3	9	<3	25	<.3	3	4	575	2.28	5	<8	<2	2	127	.4	3	<3	30	2.32	.092	10	5	.50	78	.11	5	1.03	.04	.79	2	.23
A 202174	3	17	3	29	<.3	3	5	583	2.34	3	<8	<2	2	138	.3	<3	<3	30	2.01	.091	10	8	.60	38	.09	3	1.08	.04	.66	2	.23
RE A 202174	4	18	4	29	<.3	3	5	582	2.37	7	<8	<2	3	142	.2	5	<3	32	2.04	.094	11	11	.61	39	.10	3	1.11	.05	.68	3	.24
RRE A 202174	4	18	3	29	<.3	3	5	590	2.39	6	<8	<2	2	142	<.2	<3	<3	32	2.04	.094	11	9	.61	38	.10	4	1.11	.04	.68	3	.21
A 202175	3	45	<3	27	<.3	2	5	504	2.27	4	<8	<2	2	144	<.2	<3	<3	30	1.74	.092	10	8	.55	28	.08	<3	.97	.05	.36	5	.40
A 202176	3	77	8	50	<.3	3	5	567	2.55	10	<8	<2	2	152	1.2	<3	<3	31	1.80	.100	13	7	.64	47	.07	5	1.09	.05	.40	2	.37
A 202177	8	102	5	25	<.3	2	7	452	2.46	14	<8	<2	3	130	.4	<3	<3	26	1.35	.096	10	8	.57	42	.09	<3	.96	.05	.60	5	.21
A 202178	4	42	<3	24	<.3	3	6	489	2.39	11	<8	<2	2	200	.4	<3	<3	27	1.81	.097	12	7	.55	63	.08	<3	.96	.05	.61	5	.09
A 202179	5	131	<3	25	.3	2	6	559	2.46	10	<8	<2	2	212	.2	3	<3	26	2.39	.093	13	7	.61	91	.06	3	.84	.04	.45	3	.18
A 202180	3	97	3	32	.3	4	6	510	2.25	5	<8	<2	3	117	<.2	4	<3	30	1.66	.094	8	7	.56	42	.11	3	.95	.04	.65	2	.49
STANDARD DS3/AU-1	9	127	35	160	.4	37	12	825	3.23	30	<8	<2	4	28	5.7	5	6	80	.56	.096	18	191	.62	147	.09	3	1.78	.03	.17	3	3.34

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
A 202181	2	29	5	34	<.3	4	6	523	1.64	<2	<8	<2	<2	133	.3	4	<3	22	1.96	.089	8	5	.47	52	.10	4	.89	.03	.70	2	.11
A 202182	2	48	8	29	<.3	3	5	487	1.57	2	<8	<2	<2	138	.2	3	<3	26	1.56	.081	8	7	.50	43	.10	4	.84	.04	.55	<2	.13
A 202183	4	49	<3	26	.4	4	4	523	1.55	4	<8	<2	2	169	<.2	3	<3	24	2.14	.085	7	6	.47	56	.12	4	.91	.03	.73	2	1.37
A 202184	4	76	<3	25	<.3	3	5	532	1.75	<2	<8	<2	2	126	.2	<3	<3	24	2.47	.085	8	5	.44	54	.10	5	.82	.04	.72	2	.25
A 202185	2	29	5	22	<.3	3	5	609	1.48	<2	<8	<2	2	153	.2	<3	<3	20	2.96	.086	9	3	.37	62	.07	<3	.77	.03	.67	2	.10
A 202186	3	46	3	24	<.3	3	6	480	1.70	2	<8	<2	2	139	.2	3	<3	23	2.11	.087	8	5	.45	44	.10	<3	.81	.03	.62	2	.28
A 202187	3	64	3	30	<.3	4	4	607	1.66	5	<8	<2	3	140	.3	5	<3	24	2.66	.088	10	5	.50	75	.09	<3	.96	.04	.74	2	.08
A 202188	3	36	4	30	<.3	3	6	553	1.49	2	<8	<2	2	133	.2	<3	<3	21	2.42	.088	8	6	.46	54	.10	<3	.87	.04	.73	<2	.08
A 202189	3	100	4	24	.4	4	5	504	1.80	5	<8	<2	2	106	<.2	<3	<3	24	2.15	.087	8	4	.47	51	.10	3	.85	.05	.67	2	.14
A 202190	3	80	3	24	<.3	5	5	473	1.85	5	<8	<2	<2	114	.2	4	<3	32	1.75	.089	8	6	.56	38	.14	<3	.85	.05	.70	2	.16
RE A 202190	3	81	<3	25	<.3	3	5	471	1.84	2	<8	<2	2	113	.2	4	<3	32	1.74	.090	7	7	.56	38	.13	3	.85	.05	.71	<2	.15
RRE A 202190	3	80	3	24	<.3	4	5	477	1.88	3	<8	<2	2	111	<.2	<3	<3	31	1.74	.090	7	5	.57	35	.13	3	.85	.05	.71	<2	.16
A 202191	2	51	3	29	<.3	5	5	508	1.89	5	<8	<2	2	117	.2	4	3	41	1.26	.096	7	10	.71	35	.14	3	.97	.05	.74	4	.12
A 202192	2	55	<3	27	<.3	4	5	456	1.92	5	<8	<2	2	132	<.2	3	<3	42	1.38	.093	9	9	.65	34	.16	3	.97	.08	.64	3	.10
A 202193	3	66	<3	24	<.3	2	5	434	1.71	<2	<8	<2	3	131	<.2	<3	<3	34	1.35	.089	7	7	.60	34	.14	6	.87	.05	.65	3	.07
A 202194	3	56	4	29	<.3	5	6	481	1.75	4	<8	<2	<2	141	<.2	3	3	31	1.54	.091	7	24	.64	37	.13	<3	.91	.05	.70	2	.09
A 202195	2	40	4	29	<.3	5	5	460	1.73	<2	<8	<2	2	145	<.2	3	<3	36	1.32	.088	6	10	.62	35	.13	3	.87	.05	.70	2	.05
A 202196	1	67	3	27	<.3	4	4	530	1.73	6	<8	<2	2	199	<.2	3	<3	29	2.10	.089	7	6	.54	35	.10	5	.76	.04	.43	<2	.03
A 202197	1	62	4	23	<.3	3	5	476	1.85	<2	<8	<2	2	145	<.2	3	<3	39	1.69	.087	7	7	.59	35	.12	3	.83	.05	.63	4	.06
A 202198	1	28	3	29	<.3	4	4	500	1.59	4	<8	<2	<2	213	.2	4	<3	31	1.70	.093	9	7	.59	40	.14	4	1.03	.06	.60	2	.03
A 202199	2	57	<3	35	<.3	3	6	498	1.79	3	<8	<2	2	146	<.2	<3	<3	40	1.28	.093	7	9	.66	42	.16	3	.94	.06	.73	2	.07
A 202200	3	65	3	39	<.3	4	7	546	1.81	3	<8	<2	2	124	<.2	<3	<3	31	1.42	.094	7	7	.61	43	.13	<3	.85	.04	.72	2	.09
A 202201	3	113	<3	45	<.3	4	7	585	1.80	<2	<8	<2	2	143	<.2	4	<3	37	1.24	.094	7	9	.65	42	.15	4	.92	.05	.73	4	.05
A 202202	5	40	3	43	<.3	4	6	576	1.60	3	<8	<2	2	168	<.2	4	3	30	1.25	.092	7	7	.66	49	.14	<3	.98	.05	.77	10	.03
RE A 202202	4	40	<3	48	<.3	2	6	581	1.60	3	<8	<2	2	169	.2	<3	<3	29	1.26	.092	6	7	.66	49	.14	4	.98	.05	.76	11	.02
RRE A 202202	5	39	4	45	<.3	3	6	593	1.64	7	<8	<2	2	182	.2	5	3	33	1.33	.095	8	7	.68	56	.15	5	1.07	.07	.81	13	.03
A 202203	4	62	5	40	<.3	4	6	586	1.75	3	<8	<2	<2	182	<.2	5	<3	37	1.56	.100	8	7	.64	66	.15	4	1.07	.07	.83	3	.05
A 202204	6	79	<3	43	<.3	3	7	594	1.64	4	<8	<2	2	165	<.2	3	<3	37	1.39	.092	8	6	.63	60	.15	<3	.97	.08	.78	<2	.05
A 202205	7	40	4	34	<.3	4	6	544	1.63	4	12	<2	2	149	<.2	3	5	31	1.75	.093	7	8	.57	47	.12	<3	.83	.05	.69	2	.04
A 202206	4	32	5	25	<.3	4	6	526	1.70	3	<8	<2	2	204	<.2	3	<3	30	1.96	.089	6	7	.58	40	.12	3	.88	.06	.40	2	.02
A 202207	5	7507	<3	10	13.8	3	7	449	1.48	<2	<8	9	<2	101	1.8	3	6	9	2.43	.034	3	15	.18	24	.03	4	.27	.03	.15	3	10.92
A 202208	3	33	3	13	<.3	<1	7	586	1.11	4	<8	<2	3	139	<.2	<3	<3	11	3.33	.089	8	4	.22	82	.02	3	.66	.02	.46	<2	.02
A 202209	2	67	<3	22	<.3	3	6	597	1.47	5	<8	<2	<2	121	<.2	<3	3	17	2.89	.091	6	5	.39	56	.06	3	.74	.03	.37	<2	.08
A 202210	1	35	6	36	<.3	2	6	687	2.07	6	<8	<2	2	127	<.2	4	<3	28	2.53	.091	6	4	.67	53	.08	<3	.92	.04	.38	<2	.04
STANDARD DS3/AU-1	10	134	36	161	.3	37	13	830	3.08	29	<8	<2	5	30	5.8	4	7	85	.58	.098	18	184	.65	151	.09	<3	1.70	.04	.18	3	3.35

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % % % ppm gm/mt

A 202211	2	25	5	27	<.3	3	7	563	2.06	2	<8	<2	2	116	.2	<3	<3	30	2.11	.096	8	8	.44	35	.08	3	.72	.05	.19	<2	.02
A 202212	1	20	4	29	<.3	3	5	529	1.87	3	<8	<2	2	153	.3	<3	<3	28	1.76	.093	7	6	.51	52	.13	<3	.92	.05	.60	<2	.03
A 202213	1	45	5	27	<.3	5	6	601	2.00	6	<8	<2	2	120	.2	<3	<3	22	2.11	.093	5	5	.49	58	.12	3	.86	.04	.73	2	.03
A 202214	3	52	<3	24	<.3	3	6	662	1.88	<2	<8	<2	3	141	<.2	4	<3	20	2.80	.092	7	5	.45	66	.10	<3	.87	.04	.64	<2	.12
A 202215	20	164	5	20	<.3	5	23	590	3.31	2	<8	<2	2	131	<.2	<3	<3	54	3.47	.112	7	11	.88	85	.11	4	1.19	.03	.86	2	.31
A 202216	17	117	<3	9	<.3	4	9	232	2.17	3	9	<2	2	62	<.2	<3	<3	16	1.84	.084	11	4	.33	39	.05	3	.65	.04	.43	3	.43
A 202217	20	128	4	13	<.3	2	7	199	1.89	3	<8	<2	3	69	<.2	<3	<3	15	1.49	.073	7	5	.34	39	.07	4	.57	.04	.37	3	.36
A 202218	28	151	<3	8	<.3	3	5	229	1.62	2	<8	<2	2	76	<.2	<3	<3	13	1.72	.071	7	6	.27	38	.07	<3	.50	.04	.32	3	.38
A 202219	30	150	<3	10	<.3	1	4	189	1.34	<2	<8	<2	2	72	<.2	<3	<3	12	1.23	.054	5	7	.24	43	.07	<3	.46	.05	.28	3	.25
A 202220	42	194	5	10	<.3	3	5	163	1.46	3	<8	<2	2	75	.2	3	<3	13	1.12	.058	6	8	.30	30	.08	3	.51	.06	.29	3	.16
RE A 202220	42	193	3	12	<.3	4	5	167	1.44	4	<8	<2	<2	74	<.2	<3	<3	14	1.11	.057	6	7	.30	30	.08	4	.51	.06	.29	2	.17
RRE A 202220	47	200	4	10	<.3	3	5	174	1.49	<2	<8	<2	2	75	<.2	4	<3	14	1.15	.058	7	9	.30	31	.09	4	.51	.05	.29	3	.14
A 202221	48	244	3	6	<.3	2	7	150	1.95	2	10	<2	2	57	<.2	<3	<3	9	1.41	.054	6	5	.21	30	.04	<3	.44	.05	.24	<2	.79
A 202222	107	180	4	4	<.3	2	6	125	1.61	2	<8	<2	2	58	<.2	<3	3	10	1.34	.057	7	6	.23	38	.04	<3	.46	.04	.24	<2	1.68
A 202223	13	96	<3	7	<.3	2	7	175	2.04	4	8	<2	3	65	<.2	<3	<3	11	2.04	.080	11	5	.25	46	.01	<3	.50	.04	.28	<2	.34
A 202224	37	140	7	26	.6	3	6	313	1.92	<2	<8	<2	2	79	.6	5	<3	4	3.20	.063	6	5	.06	38	.01	<3	.33	.04	.23	2	.32
A 202225	51	179	<3	10	.3	3	5	170	1.83	<2	9	3	<2	65	.3	3	<3	8	1.44	.056	7	7	.18	62	.04	3	.47	.05	.28	3	1.86
A 202226	47	116	<3	9	<.3	3	5	207	1.56	<2	8	<2	2	60	<.2	3	<3	9	1.48	.052	8	8	.19	55	.04	<3	.42	.04	.23	4	.64
A 202227	48	113	7	9	<.3	2	5	223	1.44	2	11	<2	2	67	<.2	3	<3	10	1.42	.050	9	6	.21	79	.03	<3	.43	.05	.23	5	.10
A 202228	13	138	5	11	<.3	1	5	210	1.69	2	<8	<2	2	57	<.2	3	<3	14	1.27	.057	7	10	.26	36	.07	3	.45	.05	.25	5	.31
A 202229	21	176	<3	8	.3	3	6	238	1.95	3	<8	8	2	58	.2	<3	<3	13	1.46	.054	6	6	.22	49	.03	3	.47	.05	.24	<2	5.53
A 202230	9	84	3	13	<.3	4	4	240	2.38	<2	10	<2	3	52	<.2	<3	5	31	1.14	.053	10	10	.35	35	.03	<3	.62	.06	.15	3	.16
A 202231	1	14	6	43	<.3	10	23	557	4.29	<2	<8	<2	4	304	<.2	<3	<3	72	2.89	.161	36	20	2.05	93	.15	3	3.12	.41	.27	<2	.01
A 202232	7	121	5	14	<.3	2	4	291	1.85	6	8	<2	3	57	<.2	<3	<3	26	1.48	.054	9	8	.31	36	.05	<3	.62	.06	.21	2	.12
RE A 202232	7	125	4	15	<.3	2	4	292	1.87	4	9	<2	2	57	<.2	<3	<3	27	1.49	.055	8	9	.31	37	.04	4	.63	.06	.21	2	.12
RRE A 202232	6	123	4	12	<.3	3	4	293	1.88	4	9	<2	2	57	.2	<3	<3	28	1.46	.058	9	7	.32	36	.05	<3	.64	.06	.21	2	.13
A 202233	11	98	4	8	<.3	3	5	269	1.54	6	<8	<2	2	70	<.2	<3	<3	8	1.89	.061	8	6	.17	75	<.01	4	.39	.04	.23	<2	.12
A 202234	22	114	8	4	.3	2	6	278	1.50	2	<8	<2	2	79	<.2	<3	<3	4	2.38	.056	5	4	.05	68	<.01	5	.35	.04	.26	<2	.16
A 202235	23	105	6	11	.6	3	4	268	1.50	5	<8	<2	2	72	.2	5	<3	5	1.93	.051	6	5	.11	48	<.01	3	.33	.04	.24	<2	.29
A 202236	10	68	9	12	1.2	2	4	243	1.66	8	<8	<2	<2	57	.2	12	<3	4	1.64	.055	6	5	.11	61	.01	<3	.29	.04	.21	<2	.11
STANDARD DS3/AU-1	9	124	33	157	<.3	35	12	838	3.24	30	<8	<2	4	28	5.7	4	7	79	.56	.097	18	190	.62	143	.09	3	1.78	.04	.17	3	3.36

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A103623R

1400 - 570 Granville St. Vancouver BC V6C 3P1 Submitted by: Linda Dandy



P. 04/10

FAX NO. 6042531716

FEB-26-2002 TUE 09:45 AM ACME ANALYTICAL LAB

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI	<1	<.01	<.01	.01
A 202158	506	3.99	7.54	15.43
A 202207	507	1.76	3.74	7.21
A 202229	502	<.01	5.25	5.25

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 15 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. Toye* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103645 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % % % ppm gm/mt

SI	<1	1	<3	1	<.3	<1	<1	71	.04	7	<8	<2	<2	4	<.2	<3	<3	<1	.10	.017	<1	1	<.01	2	<.01	<3	<.01	.39	<.01	<2	<.01
A 202237	9	134	18	20	1.8	3	8	200	1.88	48	<8	<2	2	72	.6	17	3	5	1.72	.058	5	20	.09	62	<.01	<3	.39	.07	.27	<2	.25
A 202238	33	83	<3	11	<.3	3	12	215	1.94	6	<8	<2	3	70	.2	<3	<3	8	1.37	.068	9	18	.18	69	.01	<3	.51	.10	.37	17	.11
A 202239	64	152	<3	11	<.3	3	13	227	1.58	9	<8	<2	3	92	.2	<3	<3	9	1.88	.057	10	26	.17	75	.02	7	.48	.09	.35	16	.11
A 202240	7	94	4	10	.4	4	6	264	1.77	4	<8	<2	3	103	<.2	<3	<3	9	2.07	.059	11	22	.16	64	.02	3	.56	.12	.36	4	.10
A 202241	5	89	<3	15	.4	3	6	234	1.97	11	<8	<2	2	80	<.2	<3	<3	11	1.56	.059	9	27	.23	63	.03	4	.56	.11	.38	3	.11
A 202242	6	83	4	14	.3	4	7	238	2.04	4	<8	<2	2	89	<.2	<3	<3	10	1.61	.058	7	23	.22	80	.02	3	.60	.12	.40	5	.22
A 202243	12	65	4	15	<.3	3	7	278	2.13	11	<8	<2	2	101	<.2	<3	<3	12	1.85	.061	7	27	.27	63	.05	<3	.71	.12	.44	6	.12
A 202244	21	66	6	14	<.3	5	9	269	2.59	16	<8	<2	2	81	<.2	<3	<3	14	1.59	.059	8	37	.26	56	.07	3	.64	.12	.38	15	.10
A 202245	20	38	4	13	<.3	3	5	305	2.17	20	<8	<2	2	85	<.2	<3	<3	11	1.91	.058	7	34	.21	52	.06	<3	.56	.10	.35	16	.15
A 202246	14	71	4	13	<.3	5	5	290	1.87	8	<8	<2	<2	91	<.2	<3	<3	14	1.72	.059	8	38	.21	62	.06	<3	.64	.13	.37	12	.20
A 202247	14	111	6	14	<.3	3	6	328	2.22	19	<8	<2	2	95	<.2	<3	<3	12	1.90	.059	7	40	.22	54	.06	<3	.59	.11	.35	8	.38
A 202248	9	77	3	13	<.3	6	5	337	1.99	9	<8	<2	2	104	<.2	<3	<3	13	1.98	.060	6	40	.23	61	.07	3	.65	.13	.38	9	.21
RE A 202248	9	76	<3	13	<.3	5	5	336	2.00	7	<8	<2	2	104	<.2	<3	<3	12	1.97	.060	7	39	.22	62	.07	<3	.66	.14	.38	10	.23
RRE A 202248	10	78	3	13	<.3	3	5	326	1.93	8	<8	<2	2	99	<.2	<3	<3	11	1.95	.058	5	36	.22	54	.06	<3	.59	.12	.35	8	.24
A 202249	5	45	3	15	<.3	5	4	267	1.85	7	<8	<2	2	92	<.2	<3	<3	15	1.55	.059	6	32	.27	50	.07	3	.59	.12	.35	9	.07
A 202250	6	87	7	15	.3	3	5	270	1.97	9	<8	<2	<2	120	<.2	<3	<3	14	1.71	.059	6	44	.25	52	.07	<3	.62	.14	.31	7	.23
A 202251	2	49	<3	14	<.3	5	4	291	1.83	7	<8	<2	<2	103	<.2	<3	3	15	1.77	.057	6	41	.25	61	.08	<3	.66	.14	.38	6	.87
A 202252	8	43	<3	13	<.3	3	4	328	1.80	7	<8	<2	2	120	<.2	<3	<3	15	2.05	.059	7	41	.24	59	.07	<3	.62	.13	.35	6	.19
A 202253	2	76	14	65	<.3	209	41	1050	6.03	<2	<8	<2	6	1352	<.2	<3	<3	139	3.91	.491	134	104	4.46	3068	.07	<3	3.71	.84	1.97	<2	.02
A 202254	84	139	9	8	.4	5	10	355	5.04	7	<8	<2	2	141	<.2	<3	<3	13	2.42	.055	7	43	.24	67	.04	<3	.60	.10	.35	2	.76
A 202255	8	68	3	10	<.3	6	6	270	1.89	2	<8	<2	2	102	<.2	<3	<3	10	1.82	.059	6	38	.18	90	.05	<3	.69	.12	.44	3	.23
A 202256	5	70	<3	12	<.3	3	5	272	2.11	10	<8	<2	3	98	<.2	<3	<3	11	1.83	.058	8	41	.19	55	.06	4	.57	.12	.36	7	.23
A 202257	4	70	5	18	<.3	6	7	297	2.11	10	<8	<2	3	98	.2	<3	<3	9	1.90	.059	12	40	.16	67	.02	<3	.47	.08	.30	3	1.82
A 202258	16	99	4	18	<.3	3	7	241	1.76	6	<8	<2	3	326	<.2	<3	<3	6	1.82	.057	12	37	.13	123	.01	3	.49	.11	.31	<2	.08
A 202259	4	48	5	13	<.3	5	6	260	2.17	10	<8	<2	3	116	<.2	<3	<3	9	1.69	.059	11	40	.23	78	.03	<3	.59	.14	.36	5	.16
RE A 202259	4	48	3	13	<.3	5	6	253	2.13	12	<8	<2	3	109	<.2	<3	<3	9	1.65	.057	11	39	.22	74	.03	<3	.56	.13	.34	5	.19
RRE A 202259	5	46	6	13	<.3	3	5	243	2.04	10	<8	<2	2	105	<.2	<3	<3	8	1.61	.056	9	31	.21	67	.03	<3	.49	.11	.30	4	.25
A 202260	4	46	5	12	<.3	5	4	344	1.85	6	<8	<2	2	114	<.2	<3	3	11	2.12	.057	8	44	.20	65	.05	<3	.65	.14	.39	6	.10
A 202261	3	76	8	19	<.3	3	4	302	1.96	5	<8	<2	<2	101	<.2	<3	<3	17	1.39	.059	7	44	.32	56	.08	4	.66	.13	.38	6	.09
A 202262	4	68	<3	18	<.3	5	5	307	1.77	4	<8	<2	2	395	<.2	<3	<3	16	1.51	.058	6	43	.29	62	.08	4	.65	.13	.42	8	.09
A 202263	8	72	6	18	<.3	3	4	313	2.15	5	<8	<2	2	94	<.2	<3	<3	16	1.52	.059	8	41	.30	56	.08	6	.63	.12	.40	6	.10
A 202264	4	54	8	19	<.3	5	5	320	2.17	6	<8	<2	2	86	.2	<3	<3	16	1.40	.060	8	38	.32	61	.09	6	.64	.13	.44	5	.18
A 202265	4	35	7	15	<.3	4	5	323	2.24	8	<8	<2	2	89	<.2	<3	<3	15	1.56	.058	7	38	.25	54	.07	3	.58	.13	.35	6	.16
STANDARD DS3/AU-1	10	130	37	159	<.3	37	12	808	3.21	30	8	<2	4	31	5.7	5	7	79	.54	.092	19	189	.60	145	.09	<3	1.74	.04	.17	3	3.31

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 15 2001 DATE REPORT MAILED: *Oct 26/01* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202266	21	98	7	18	.4	6	12	341	3.11	6	8	<2	2	80	<.2	<3	<3	13	1.57	.054	5	31	.27	62	.07	4	.55	.11	.32	5	.28
A 202267	2	25	6	20	<.3	3	4	408	2.03	7	<8	<2	2	93	<.2	<3	<3	12	1.71	.055	6	29	.25	60	.07	<3	.59	.12	.37	3	.34
A 202268	28	86	6	19	.4	6	8	418	2.17	7	<8	<2	3	104	<.2	<3	<3	13	1.82	.054	5	38	.23	71	.08	3	.69	.15	.42	2	1.57
A 202269	5	108	4	22	.7	4	10	435	2.08	7	<8	<2	2	119	<.2	<3	<3	12	2.08	.057	6	30	.23	60	.06	4	.52	.09	.32	3	.27
A 202270	11	136	3	20	.8	5	9	406	2.08	5	<8	<2	3	115	<.2	<3	<3	12	1.89	.055	7	35	.26	70	.06	<3	.69	.15	.37	4	.50
A 202271	4	50	<3	39	<.3	4	6	389	1.90	6	<8	<2	3	110	<.2	<3	<3	11	1.85	.054	10	33	.25	67	.03	4	.62	.12	.35	3	.33
A 202272	7	77	4	18	.3	5	7	368	1.97	8	11	<2	2	109	.2	<3	<3	12	1.81	.056	8	29	.22	68	.05	<3	.57	.12	.36	2	.21
A 202273	2	60	<3	26	.4	3	4	435	1.63	3	<8	<2	2	110	.2	<3	<3	12	1.84	.056	5	29	.29	68	.07	<3	.68	.11	.45	2	.15
A 202274	2	35	3	23	<.3	5	4	434	1.63	3	<8	<2	2	108	.2	<3	<3	11	1.80	.056	6	32	.25	65	.06	3	.61	.10	.41	3	.21
A 202275	4	26	<3	30	<.3	3	4	511	1.51	<2	<8	<2	<2	121	<.2	<3	<3	14	1.84	.056	5	33	.26	63	.07	5	.64	.09	.37	<2	.07
A 202276	2	32	4	28	<.3	5	6	496	1.95	4	<8	<2	2	105	<.2	<3	<3	16	1.87	.058	7	34	.27	73	.05	<3	.70	.13	.32	<2	.11
RE A 202276	2	33	3	27	<.3	6	6	498	1.96	2	8	<2	2	104	<.2	<3	<3	15	1.87	.058	7	35	.27	72	.05	5	.68	.12	.32	2	.09
RRE A 202276	4	34	3	28	<.3	3	6	485	1.89	2	<8	<2	2	101	<.2	<3	<3	14	1.82	.058	7	30	.27	68	.05	3	.66	.11	.31	<2	.09
A 202277	2	13	4	38	<.3	6	4	365	1.58	4	<8	<2	<2	133	<.2	<3	<3	17	.96	.059	5	40	.38	61	.09	5	.83	.14	.33	2	.06
A 202278	2	11	7	37	.3	4	4	504	1.46	3	9	<2	2	136	<.2	<3	<3	15	1.50	.060	5	35	.36	65	.09	7	.85	.16	.36	2	.04
A 202279	5	17	3	30	<.3	5	5	471	1.59	<2	<8	<2	<2	120	<.2	<3	<3	15	1.60	.058	5	32	.28	68	.08	<3	.73	.13	.42	7	.05
A 202280	2	12	3	27	<.3	3	4	554	1.43	<2	<8	<2	<2	114	<.2	<3	<3	14	1.98	.057	4	26	.22	69	.07	5	.66	.12	.42	2	.05
A 202281	2	13	5	30	<.3	5	3	521	1.58	<2	<8	<2	<2	135	<.2	<3	<3	15	1.73	.057	6	32	.26	77	.07	4	.75	.15	.42	2	.03
A 202282	35	52	3	20	<.3	3	6	479	1.50	<2	<8	<2	2	153	<.2	<3	<3	8	2.19	.054	9	23	.17	94	.01	3	.54	.08	.36	2	.07
A 202283	7	38	<3	21	<.3	4	5	471	1.41	<2	<8	<2	2	196	<.2	<3	<3	7	2.06	.055	9	26	.18	104	.01	<3	.54	.11	.35	<2	.05
A 202284	34	38	4	24	<.3	3	5	502	1.46	2	<8	<2	3	240	<.2	<3	<3	8	2.08	.057	9	25	.22	115	.02	7	.57	.10	.37	<2	.05
A 202285	14	93	4	19	.3	5	9	456	1.77	<2	<8	<2	2	630	<.2	<3	<3	8	2.06	.056	9	24	.18	107	.01	5	.52	.10	.35	2	.35
A 202286	3	26	<3	20	<.3	3	5	518	1.58	<2	<8	<2	2	145	.2	<3	<3	7	2.13	.055	7	22	.17	77	.01	6	.55	.10	.37	<2	.33
A 202287	23	54	3	20	<.3	4	5	510	1.53	<2	<8	<2	2	136	<.2	<3	<3	7	2.24	.058	11	26	.22	131	.01	4	.55	.10	.37	<2	.12
A 202288	27	72	<3	15	<.3	3	5	358	1.58	<2	<8	<2	3	174	.2	<3	<3	6	1.98	.057	9	27	.14	88	.01	4	.44	.08	.31	<2	.11
RE A 202288	26	68	4	14	<.3	3	5	341	1.51	<2	<8	<2	3	168	<.2	<3	<3	6	1.88	.054	9	29	.14	85	.01	<3	.42	.08	.29	<2	.13
RRE A 202288	26	71	<3	15	<.3	5	5	339	1.57	<2	<8	<2	3	166	<.2	<3	<3	7	1.85	.054	10	30	.14	83	.01	3	.39	.07	.28	<2	.12
A 202289	38	32	5	17	<.3	3	5	381	1.50	<2	<8	<2	3	108	<.2	<3	<3	6	1.93	.058	10	24	.20	101	<.01	3	.37	.08	.27	<2	.05
A 202290	17	27	<3	19	<.3	4	6	408	1.72	<2	<8	<2	2	118	<.2	<3	<3	9	1.95	.055	7	28	.19	100	.02	3	.54	.10	.34	<2	.03
A 202291	7	26	<3	16	<.3	3	11	341	1.76	2	<8	<2	2	117	<.2	<3	<3	8	1.97	.058	9	29	.17	107	.01	3	.51	.08	.35	15	.04
A 202292	12	25	4	17	<.3	5	6	360	1.77	<2	<8	<2	2	113	<.2	<3	<3	11	1.87	.057	7	32	.21	125	.03	3	.58	.11	.36	2	.04
A 202293	19	79	<3	37	<.3	16	20	767	3.70	4	<8	<2	<2	121	<.2	<3	<3	107	2.73	.088	4	67	1.84	231	.19	<3	2.00	.12	1.53	2	.11
A 202294	8	118	4	59	<.3	30	36	1244	6.58	4	10	<2	<2	171	<.2	<3	3	243	3.88	.124	2	68	3.61	475	.33	<3	3.83	.06	2.75	<2	.26
A 202295	8	249	11	204	.4	29	37	2188	6.85	12	<8	<2	<2	194	.8	<3	<3	236	5.20	.136	4	114	3.30	312	.31	<3	3.60	.06	2.01	<2	.21
STANDARD DS3/AU-1	10	133	36	163	<.3	38	12	831	3.29	32	<8	<2	4	31	5.9	5	7	80	.55	.095	19	186	.62	154	.09	<3	1.79	.04	.16	3	3.33

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

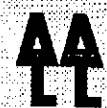


SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202296	2	178	41	267	.7	35	37	3135	6.74	7	<8	<2	<2	218	1.5	<3	<3	214	5.72	.132	5	147	3.40	222	.22	<3	3.40	.02	1.65	<2	.09
A 202297	1	118	40	288	.4	55	41	3574	7.27	<2	<8	<2	<2	246	1.1	<3	<3	253	6.73	.106	4	279	4.02	152	.19	3	3.55	.02	1.59	<2	.05
A 202298	2	83	139	227	.8	64	41	3164	7.40	6	<8	<2	<2	208	.7	<3	<3	265	6.32	.100	2	338	3.74	118	.13	<3	3.18	.03	1.06	<2	.07
RE A 202298	1	80	137	224	1.1	63	41	3110	7.26	5	<8	<2	<2	205	.8	<3	<3	259	6.24	.098	4	336	3.68	115	.13	3	3.13	.03	1.04	<2	.06
STANDARD DS3/AU-1	9	124	35	156	<.3	37	12	800	3.12	33	8	<2	4	27	5.7	4	5	79	.51	.096	17	194	.58	159	.08	<3	1.66	.04	.16	7	3.43

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Sultan Minerals PROJECT KENA File # A103664 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	1	3	1	<.3	<1	<1	9	.04	<2	<8	<2	<2	2	<.2	4	<3	<1	.08	<.001	<1	5	<.01	2	<.01	<3	<.01	.36	.01	<2	<.01
A 202299	2	34	6	22	<.3	3	5	486	1.65	2	<8	<2	2	40	.3	3	<3	19	.43	.065	11	22	.22	117	.03	<3	.73	.12	.32	2	.05
A 202300	3	27	10	29	<.3	3	6	560	1.76	4	<8	<2	2	42	.3	<3	<3	20	.58	.065	10	23	.29	112	.02	<3	.74	.10	.29	2	.03
A 202301	1	31	9	28	<.3	5	5	441	1.51	4	<8	<2	2	101	.4	5	<3	27	.51	.065	6	26	.44	55	.09	<3	.84	.10	.18	2	.02
A 202302	3	63	9	21	<.3	2	4	375	1.39	5	<8	<2	2	97	.3	3	<3	22	.48	.064	7	28	.36	65	.07	3	.82	.15	.21	2	.06
A 202303	15	48	3	17	<.3	4	6	278	1.30	2	<8	<2	2	88	<.2	<3	<3	21	.59	.064	7	29	.21	48	.09	<3	.60	.12	.14	2	.07
A 202304	7	38	6	19	<.3	2	6	280	1.32	3	<8	<2	2	104	<.2	<3	<3	20	.55	.064	6	34	.26	49	.09	<3	.70	.15	.19	2	.10
A 202305	2	39	7	21	<.3	5	2	384	1.18	3	<8	<2	2	135	.2	<3	<3	35	.89	.105	7	23	.36	57	.12	3	.84	.13	.24	2	.03
A 202306	4	23	6	18	<.3	3	5	356	2.00	3	<8	<2	2	77	.3	3	<3	23	.79	.067	6	37	.31	40	.08	<3	.62	.14	.15	<2	.10
A 202307	4	34	5	23	<.3	5	6	405	1.83	3	<8	<2	2	85	.3	4	<3	25	.93	.066	6	35	.37	48	.10	3	.72	.14	.21	2	.12
A 202308	4	44	5	25	<.3	4	7	440	1.86	4	<8	<2	2	76	.3	<3	<3	25	.91	.071	7	41	.42	61	.09	4	.77	.12	.31	<2	.07
A 202309	2	78	<3	19	<.3	5	9	505	1.81	3	<8	<2	3	56	.2	<3	<3	19	.30	.065	9	36	.36	121	.03	<3	.91	.15	.27	2	.25
A 202310	1	54	6	26	<.3	3	6	449	1.77	6	<8	<2	3	69	.3	<3	<3	22	.38	.064	9	36	.34	86	.06	<3	.77	.08	.23	<2	.10
RE A 202310	2	55	5	26	<.3	3	6	454	1.81	6	<8	<2	3	70	.5	3	<3	22	.40	.066	9	38	.35	87	.06	3	.79	.08	.24	2	.10
RRE A 202310	2	56	4	21	<.3	5	6	448	1.80	3	<8	<2	2	77	.2	<3	<3	23	.40	.065	9	36	.34	99	.06	<3	.90	.13	.29	3	.10
A 202311	4	171	7	24	<.3	4	5	415	1.88	6	<8	<2	2	80	<.2	<3	<3	22	.67	.065	8	35	.37	68	.06	<3	.82	.13	.24	2	.12
A 202312	9	136	6	20	<.3	5	2	329	1.32	4	<8	<2	2	113	.2	3	<3	23	.94	.062	6	34	.32	45	.09	<3	.73	.13	.18	2	.08
A 202313	8	28	7	25	<.3	4	2	416	1.88	4	<8	<2	2	97	.2	<3	<3	25	1.28	.061	8	30	.35	54	.06	<3	.68	.10	.23	<2	.03
A 202314	14	31	8	19	<.3	5	5	548	2.16	5	<8	<2	3	123	.6	<3	<3	19	2.88	.061	10	33	.32	144	.03	<3	.56	.09	.26	2	.09
A 202315	7	46	4	25	<.3	3	5	361	1.59	5	<8	<2	2	88	<.2	<3	<3	26	1.11	.063	5	36	.41	42	.09	<3	.73	.13	.18	2	.08
A 202316	9	147	4	26	.3	6	7	405	1.73	3	<8	<2	<2	105	.2	<3	<3	31	.99	.064	6	37	.43	49	.10	<3	.81	.15	.26	2	.07
A 202317	17	116	8	24	<.3	4	5	324	1.57	3	<8	<2	2	100	<.2	3	<3	29	.64	.065	7	37	.37	40	.09	3	.71	.11	.21	2	.07
A 202318	1	136	6	25	<.3	6	8	362	1.30	6	<8	<2	2	153	.3	<3	<3	23	.58	.065	6	34	.44	56	.09	3	.96	.16	.21	3	.06
A 202319	5	171	5	14	.3	3	5	458	1.46	4	8	<2	3	84	.3	5	<3	19	1.44	.064	10	29	.21	137	.03	<3	.66	.13	.33	2	.09
A 202320	30	69	5	10	<.3	3	3	476	1.61	<2	<8	<2	2	96	<.2	4	<3	19	2.46	.059	9	29	.21	143	.01	<3	.54	.11	.32	2	.05
A 202321	32	11	3	8	<.3	2	4	522	1.09	<2	<8	<2	3	118	.3	<3	<3	8	2.45	.068	5	20	.17	80	.01	<3	.41	.10	.26	<2	.02
A 202322	12	51	7	39	<.3	34	14	906	3.39	7	<8	<2	4	470	.5	8	<3	72	3.46	.411	82	48	1.78	730	.12	4	1.26	.16	.52	2	.01
RE A 202322	12	55	4	41	.3	37	15	930	3.56	8	<8	<2	4	495	.5	8	3	75	3.62	.425	85	50	1.87	760	.12	4	1.35	.17	.61	2	.01
RRE A 202322	13	58	6	59	<.3	35	15	958	3.52	10	<8	<2	4	482	.3	6	<3	74	3.64	.433	86	51	1.88	754	.12	<3	1.24	.12	.48	<2	.01
A 202323	54	13	3	10	<.3	5	24	723	3.12	7	<8	<2	3	142	<.2	<3	5	9	3.26	.066	5	27	.24	58	.01	<3	.40	.11	.23	2	.07
A 202324	34	9	3	7	<.3	4	27	643	2.32	4	<8	<2	2	176	<.2	<3	<3	4	3.26	.087	6	21	.19	65	.01	<3	.33	.12	.20	<2	.02
A 202325	2	23	5	18	<.3	5	3	648	1.98	5	<8	<2	2	131	.3	<3	<3	23	2.56	.097	9	27	.46	127	.04	<3	.78	.12	.40	<2	.01
A 202326	2	22	5	17	<.3	4	3	1050	1.80	2	<8	<2	2	256	.3	<3	<3	16	5.03	.088	8	19	.55	182	.02	3	.57	.10	.32	<2	.03
A 202327	13	40	3	10	<.3	5	3	595	1.61	4	<8	<2	2	153	<.2	<3	<3	8	3.42	.063	5	33	.19	200	.01	3	.61	.10	.39	2	.13
STANDARD DS3/AU-1	10	126	31	156	.3	37	12	829	3.19	31	<8	<2	4	28	5.9	4	6	77	.53	.096	16	189	.60	154	.08	<3	1.72	.04	.17	3	3.36

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 16 2001 DATE REPORT MAILED: *Oct 29/01* SIGNED BY: *C. Leong* TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Sultan Minerals PROJECT KENA FILE # A103664



SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % % % ppm gm/mt

A 202328	21	28	14	10	1.2	3	3	502	1.84	2	<8	<2	2	93	.2	3	<3	5	2.00	.066	5	19	.14	81	<.01	3	.46	.08	.29	<2	.31
A 202329	13	100	6	15	.8	4	3	428	1.36	6	<8	<2	3	79	.3	4	<3	6	2.32	.061	7	20	.16	262	<.01	4	.46	.08	.29	<2	.16
A 202330	21	184	6	24	1.0	3	4	373	1.84	4	<8	<2	2	62	.2	3	<3	14	1.81	.067	11	21	.22	155	.02	3	.54	.08	.26	<2	.16
A 202331	13	114	6	17	<.3	4	3	380	1.84	4	<8	<2	2	82	<.2	4	<3	23	1.67	.067	10	29	.35	67	.06	3	.70	.09	.28	<2	.24
A 202332	14	87	4	20	.6	4	4	514	2.01	2	<8	<2	3	88	<.2	<3	<3	17	2.54	.070	11	25	.40	67	.01	4	.51	.10	.27	3	.44
A 202333	16	167	5	14	.4	5	6	441	2.22	2	<8	<2	3	90	<.2	<3	<3	23	1.93	.067	9	29	.35	58	.04	<3	.61	.11	.30	3	.26
A 202334	28	126	4	17	<.3	3	3	446	2.13	<2	<8	<2	2	74	<.2	<3	<3	34	1.72	.067	8	28	.42	36	.07	<3	.72	.11	.26	2	.16
A 202335	42	321	5	15	.3	3	2	299	1.75	2	<8	<2	3	98	<.2	3	<3	29	.96	.063	5	29	.34	40	.08	4	.71	.11	.22	<2	.15
A 202336	57	142	5	15	<.3	3	3	529	1.76	<2	<8	<2	3	135	<.2	<3	<3	18	2.77	.061	5	24	.28	67	.01	<3	.46	.07	.21	2	.12
A 202337	24	208	10	15	2.4	9	11	744	3.62	3	<8	<2	2	141	.3	3	3	8	4.54	.056	4	39	.45	54	<.01	3	.44	.05	.26	2	2.19
A 202338	37	364	7	17	.9	3	4	439	1.58	3	8	<2	2	90	.2	4	<3	10	2.42	.059	8	24	.31	259	<.01	<3	.44	.07	.24	<2	.20
A 202339	29	360	6	18	.3	3	6	319	1.86	4	10	<2	2	85	.4	3	<3	20	1.81	.065	9	32	.28	67	.02	<3	.64	.10	.23	3	.16
A 202340	32	307	5	11	.4	3	2	448	1.79	4	<8	<2	2	98	<.2	<3	<3	12	2.78	.059	7	38	.26	130	<.01	<3	.45	.07	.23	<2	.42
RE A 202340	31	293	5	14	.8	3	2	437	1.73	4	<8	<2	2	95	<.2	<3	<3	12	2.68	.057	6	35	.25	126	<.01	<3	.43	.06	.21	<2	.48
RRE A 202340	31	281	6	9	.4	6	2	440	1.69	4	<8	<2	2	95	<.2	<3	<3	12	2.66	.056	6	41	.25	126	<.01	3	.44	.07	.22	2	.41
A 202341	15	39	<3	20	<.3	3	2	426	2.34	<2	<8	<2	3	61	<.2	3	<3	33	1.69	.065	7	28	.39	51	.03	<3	.62	.07	.21	<2	.17
A 202342	21	136	5	26	<.3	4	2	353	2.06	<2	<8	<2	2	94	<.2	6	<3	35	1.45	.064	8	33	.37	45	.06	3	.69	.08	.20	<2	.09
A 202343	24	46	3	18	<.3	3	3	411	2.02	<2	<8	<2	3	66	<.2	<3	<3	23	2.03	.060	9	24	.33	108	.02	<3	.54	.06	.20	2	.13
A 202344	26	71	6	17	.4	5	5	433	2.15	3	<8	<2	3	79	<.2	3	<3	15	2.30	.066	10	26	.31	85	<.01	3	.43	.09	.24	3	.26
A 202345	21	49	6	21	<.3	4	3	452	1.87	3	<8	<2	2	74	<.2	6	3	19	2.26	.065	11	24	.36	162	.01	3	.52	.07	.23	<2	.10
A 202346	16	106	4	17	<.3	3	4	421	1.43	<2	<8	<2	2	70	<.2	<3	<3	15	2.42	.065	9	29	.32	73	.01	3	.48	.10	.22	<2	.23
A 202347	10	156	<3	22	<.3	4	3	395	2.09	<2	<8	<2	3	79	.2	4	<3	21	2.16	.064	8	22	.37	45	.03	<3	.59	.10	.18	5	.17
A 202348	14	72	<3	42	<.3	4	2	372	1.99	<2	<8	<2	3	78	<.2	3	<3	33	1.61	.064	7	29	.36	48	.05	3	.60	.08	.17	2	.13
A 202349	28	91	3	23	.5	3	4	390	3.03	<2	<8	<2	2	67	<.2	<3	3	36	1.76	.061	7	29	.36	58	.06	3	.58	.08	.21	<2	.28
A 202350	20	69	5	21	.5	3	3	457	2.18	<2	<8	<2	3	64	<.2	4	<3	16	2.46	.065	6	20	.33	92	<.01	3	.43	.07	.23	<2	.19
A 202351	46	58	5	20	<.3	2	2	424	1.74	2	<8	<2	2	62	.2	<3	3	17	2.36	.060	10	21	.32	149	<.01	4	.42	.06	.22	<2	.06
A 202352	36	134	<3	16	.5	3	2	387	2.09	2	<8	<2	3	71	.3	<3	4	23	2.10	.065	8	26	.32	57	.04	4	.47	.08	.20	<2	.38
RE A 202352	36	136	5	14	.6	3	2	407	2.13	<2	<8	<2	3	72	.3	<3	<3	22	2.14	.066	8	26	.33	56	.05	3	.47	.08	.20	<2	.28
RRE A 202352	37	150	3	14	.3	3	2	398	2.13	4	<8	<2	3	71	.2	3	<3	21	2.18	.067	9	26	.33	60	.05	3	.46	.07	.19	<2	.27
A 202353	22	100	<3	18	.4	3	4	320	2.26	2	<8	<2	2	59	<.2	<3	<3	29	1.44	.063	11	32	.38	24	.09	<3	.52	.10	.24	2	.79
A 202354	20	180	<3	14	.3	3	3	262	2.26	<2	<8	<2	2	75	<.2	3	<3	33	1.25	.067	6	32	.28	23	.10	<3	.47	.09	.23	7	.78
A 202355	25	44	<3	19	<.3	3	2	402	1.75	2	8	<2	3	68	<.2	4	<3	26	2.19	.069	8	29	.36	85	.05	<3	.46	.08	.20	2	.13
A 202356	26	83	<3	12	.4	3	4	392	1.70	<2	<8	<2	2	53	<.2	3	<3	12	2.38	.065	16	29	.28	86	<.01	<3	.33	.07	.20	2	.23
A 202357	17	164	<3	16	.6	3	4	433	1.96	<2	<8	<2	2	59	.4	3	<3	15	2.60	.063	13	25	.31	96	.01	3	.42	.08	.22	2	.30
A 202358	13	27	<3	21	<.3	2	2	344	1.98	<2	<8	<2	3	82	<.2	3	3	25	1.64	.067	10	26	.30	47	.03	<3	.54	.08	.18	<2	.06
STANDARD DS3/AU-1	11	133	33	161	<.3	35	12	859	3.33	33	<8	<2	4	29	6.2	5	7	81	.57	.100	18	182	.63	153	.08	<3	1.82	.04	.17	3	3.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103743 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	<1	<3	2	<.3	<1	<1	<2	.03	<2	<8	<2	2	<.2	<3	<3	<1	.08	<.001	<1	2	<.01	2	.01	<3	.01	.36	<.01	<2	<.01	
A 202359	14	19	7	19	<.3	3	3	462	2.01	<2	<8	<2	3	81	<.2	<3	<3	20	3.03	.061	9	24	.34	202	.01	<3	.55	.07	.22	<2	.05
A 202360	24	20	<3	18	.4	3	4	308	2.47	5	<8	<2	3	88	<.2	<3	<3	34	1.46	.065	8	32	.33	31	.08	<3	.62	.09	.16	<2	.14
A 202361	25	19	<3	18	.3	4	3	339	2.42	3	<8	<2	2	71	<.2	<3	<3	30	1.70	.062	7	31	.35	32	.07	<3	.56	.07	.17	<2	.30
A 202362	20	23	4	21	.3	3	1	252	1.67	6	<8	<2	2	102	<.2	<3	<3	29	1.29	.065	6	31	.31	30	.09	<3	.61	.08	.15	<2	.06
A 202363	17	17	5	18	<.3	3	1	280	2.13	3	<8	<2	3	111	.2	<3	<3	35	1.34	.063	7	31	.32	34	.08	<3	.64	.08	.16	<2	.05
A 202364	14	59	4	16	<.3	2	3	376	1.90	2	<8	<2	3	63	.2	<3	<3	16	2.43	.060	10	27	.32	145	.01	<3	.47	.06	.24	<2	.21
A 202365	18	21	<3	16	<.3	3	10	498	2.36	<2	<8	<2	3	69	<.2	<3	<3	9	3.38	.058	9	26	.33	104	<.01	<3	.39	.06	.24	<2	.25
A 202366	16	40	<3	14	<.3	2	3	429	1.61	2	<8	<2	3	102	.2	<3	<3	14	3.44	.076	11	24	.23	125	.01	<3	.57	.03	.34	<2	.13
A 202367	6	20	3	14	.4	5	4	377	1.88	6	<8	<2	3	87	<.2	<3	<3	33	2.19	.086	11	24	.40	114	.05	<3	.65	.07	.23	2	.22
A 202368	5	22	<3	13	.4	4	3	322	1.87	6	<8	<2	2	100	<.2	<3	<3	35	1.94	.092	9	36	.37	44	.08	<3	.62	.09	.17	2	.14
A 202369	8	19	<3	13	.3	4	3	256	1.31	7	<8	<2	2	106	<.2	<3	<3	28	1.51	.081	7	32	.28	56	.08	3	.61	.08	.19	<2	.06
A 202370	33	25	3	15	.4	3	3	299	1.49	4	<8	<2	3	112	.2	<3	<3	33	1.85	.078	9	33	.31	92	.07	<3	.61	.07	.18	<2	.05
RE A 202370	32	25	5	17	<.3	5	3	309	1.49	3	<8	<2	3	112	.2	<3	<3	31	1.83	.076	8	38	.30	91	.06	3	.62	.07	.18	<2	.05
RRE A 202370	32	26	<3	13	.3	4	3	311	1.53	4	<8	<2	2	116	<.2	<3	<3	32	1.88	.078	8	32	.30	98	.07	3	.64	.08	.19	2	.06
A 202371	11	25	9	13	.3	2	1	245	1.64	5	<8	<2	3	115	<.2	<3	<3	32	1.25	.080	7	32	.30	33	.10	<3	.63	.08	.15	<2	.05
A 202372	15	34	<3	10	<.3	3	1	208	1.69	5	<8	<2	2	100	<.2	<3	<3	29	1.11	.065	6	29	.22	31	.09	<3	.54	.08	.14	<2	.04
A 202373	6	24	<3	13	.4	4	3	338	2.03	6	<8	<2	3	100	<.2	<3	<3	31	2.06	.068	8	34	.31	181	.06	<3	.60	.08	.17	<2	.06
A 202374	4	30	5	16	.3	5	2	372	1.83	6	<8	<2	2	108	.2	<3	<3	30	2.04	.081	11	28	.31	117	.05	<3	.68	.08	.22	<2	.03
A 202375	5	30	5	16	.3	3	5	600	2.12	5	<8	<2	3	114	.2	<3	<3	19	4.49	.084	8	30	.34	155	.01	<3	.54	.07	.25	<2	.26
A 202376	7	32	3	9	<.3	6	8	363	2.07	4	<8	<2	3	69	<.2	<3	<3	14	2.48	.066	8	40	.25	118	.01	3	.49	.07	.27	<2	.28
A 202377	7	35	<3	18	<.3	3	5	394	2.00	4	<8	<2	3	87	.3	<3	<3	31	2.11	.067	9	37	.41	62	.04	<3	.68	.07	.19	<2	.11
A 202378	7	113	<3	13	.4	6	5	388	1.74	<2	<8	<2	3	83	.2	<3	<3	18	2.52	.062	7	26	.28	75	.03	<3	.57	.08	.25	<2	.14
A 202379	8	74	<3	17	.4	3	2	357	2.03	5	<8	<2	2	86	.2	<3	<3	28	1.82	.061	7	32	.35	67	.05	<3	.59	.07	.21	<2	.09
A 202380	4	69	3	18	.4	4	2	418	2.03	5	<8	<2	2	87	.2	<3	<3	31	2.00	.062	8	32	.40	79	.04	<3	.63	.07	.25	<2	.14
A 202381	5	70	<3	15	.4	3	3	424	1.67	2	<8	<2	3	108	.2	<3	<3	17	2.57	.060	7	26	.30	66	.02	<3	.49	.06	.27	<2	.28
A 202382	4	125	<3	11	.5	5	3	421	1.44	5	<8	<2	3	147	.4	<3	4	8	3.14	.064	7	29	.21	43	.01	<3	.46	.07	.28	<2	.47
RE A 202382	5	121	<3	11	.4	4	2	409	1.40	3	<8	<2	3	144	.2	<3	<3	8	3.05	.061	7	29	.21	41	.01	<3	.44	.07	.26	<2	.44
RRE A 202382	5	118	<3	15	<.3	2	2	405	1.38	4	<8	<2	2	142	<.2	<3	<3	9	3.04	.063	6	28	.20	35	.01	<3	.41	.06	.25	<2	.51
A 202383	4	145	<3	15	.6	3	3	382	1.30	2	<8	<2	3	129	<.2	<3	<3	9	2.69	.057	7	28	.27	20	.01	<3	.46	.08	.25	<2	1.20
A 202384	4	105	4	16	.4	3	7	486	1.65	6	<8	<2	3	103	.3	<3	<3	12	3.13	.073	11	30	.40	13	<.01	<3	.46	.08	.18	<2	.48
A 202385	3	88	<3	20	<.3	4	7	566	1.64	3	<8	<2	3	127	.2	<3	<3	17	3.35	.084	17	27	.53	17	.01	<3	.79	.11	.14	<2	.42
A 202386	3	106	<3	20	.3	3	7	467	1.36	2	<8	<2	3	122	.4	<3	<3	13	3.07	.071	9	26	.44	13	.01	<3	.71	.08	.14	<2	.54
A 202387	3	301	3	17	.7	4	9	415	1.52	6	<8	<2	3	121	.2	<3	3	12	2.93	.074	11	26	.43	13	.01	<3	.65	.10	.15	<2	.86
STANDARD DS3/AU-1	9	126	34	157	.6	36	11	825	3.21	33	<8	<2	5	29	5.8	4	5	77	.55	.095	18	189	.61	145	.09	<3	1.76	.04	.17	4	3.37

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 22 2001 DATE REPORT MAILED: *Oct 31/01* SIGNED BY: *C. Leong* TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Sultan Minerals PROJECT KENA FILE # A103743



SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % ppm % % % ppm gm/mt

A 202388	6	72	3	38	1.5	5	8	511	1.82	4	<8	3	3	445	<2	<3	<3	6	4.59	.067	4	29	.28	104	<.01	<3	.38	.06	.26	2	1.84	
A 202389	2	56	3	21	.4	3	5	554	1.42	3	<8	<2	3	193	<.2	<3	<3	10	3.13	.066	7	27	.33	64	<.01	3	.45	.08	.27	<2	.13	
A 202390	2	14	<3	10	<.3	5	3	499	1.20	2	<8	<2	3	203	<.2	<3	<3	9	2.96	.060	5	25	.23	99	.01	<3	.41	.07	.29	<2	.15	
A 202391	2	13	4	16	.4	2	3	499	1.25	2	<8	<2	3	177	<.2	<3	<3	11	2.86	.060	6	22	.28	64	.01	3	.38	.06	.27	<2	.39	
A 202392	2	21	<3	9	<.3	3	4	462	1.18	2	<8	<2	2	169	<.2	<3	<3	9	2.96	.061	6	18	.20	72	<.01	<3	.47	.06	.31	<2	.54	
A 202393	3	39	<3	10	.3	3	7	474	1.38	2	<8	<2	3	157	<.2	<3	<3	9	3.13	.057	6	24	.20	67	<.01	<3	.42	.05	.29	<2	.17	
A 202394	3	26	3	11	<.3	3	3	465	1.01	2	<8	<2	3	176	<.2	<3	<3	8	3.40	.060	5	18	.17	62	<.01	<3	.53	.05	.39	<2	.08	
A 202395	4	25	3	9	<.3	2	3	401	1.16	4	<8	<2	3	149	<.2	<3	<3	6	3.08	.059	6	23	.17	55	<.01	<3	.43	.05	.32	<2	.22	
A 202396	4	31	<3	10	.3	3	3	422	1.67	2	<8	<2	3	147	<.2	<3	<3	8	3.26	.057	7	20	.22	54	<.01	3	.47	.05	.33	<2	.45	
A 202397	5	71	3	17	.5	3	5	444	1.87	3	<8	<2	3	195	<.2	<3	<3	18	2.72	.065	11	27	.31	94	.01	3	.60	.06	.33	<2	1.06	
A 202398	4	24	4	37	.3	4	6	710	1.99	7	<8	<2	3	265	<.2	<3	<3	41	2.87	.092	9	38	.52	93	.09	<3	1.03	.06	.57	2	.18	
RE A 202398	4	24	3	38	.5	4	6	716	2.01	7	<8	<2	3	265	<.2	<3	<3	42	2.88	.093	9	40	.53	92	.09	<3	1.04	.06	.57	2	.21	
RRE A 202398	6	21	<3	32	.5	4	6	694	1.93	7	<8	<2	3	264	<.2	<3	<3	41	2.83	.091	9	42	.52	89	.09	3	1.02	.06	.55	2	.27	
A 202399	8	28	3	20	.5	4	5	647	1.64	3	<8	<2	3	216	.2	<3	<3	17	3.41	.081	12	27	.33	89	.02	4	.71	.05	.47	<2	.15	
A 202400	26	70	3	20	1.0	3	9	573	2.21	4	<8	<2	3	148	<.2	<3	<3	18	3.29	.073	11	27	.33	111	.02	4	.64	.07	.40	3	.28	
A 202401	12	32	4	16	.7	3	9	550	1.69	5	<8	<2	3	172	.2	<3	<3	13	3.54	.068	8	27	.26	91	.01	4	.65	.04	.44	2	.30	
A 202402	5	40	4	20	.5	4	6	413	1.68	3	<8	<2	2	134	<.2	<3	<3	26	2.08	.062	7	37	.38	35	.08	<3	.74	.08	.28	4	.25	
A 202403	17	94	<3	16	.7	5	15	492	2.26	2	<8	<2	4	132	<.2	<3	<3	19	2.83	.062	14	32	.32	89	.03	3	.64	.06	.36	<2	.63	
A 202404	13	83	<3	19	.6	3	4	522	2.04	3	<8	<2	3	166	.2	<3	<3	4	18	3.02	.066	8	31	.27	59	.04	<3	.72	.06	.43	<2	.45
A 202405	8	21	<3	34	.3	4	5	594	1.67	7	<8	<2	3	199	<.2	<3	<3	41	2.03	.093	9	40	.56	49	.11	3	1.19	.07	.54	2	.02	
A 202406	11	40	3	44	.5	4	5	605	1.92	8	<8	<2	2	169	<.2	<3	<3	48	1.50	.091	7	47	.65	34	.14	<3	1.16	.08	.47	<2	.09	
A 202407	16	41	<3	30	.9	5	7	583	2.25	6	<8	<2	3	170	<.2	<3	<3	34	2.81	.070	8	35	.43	40	.06	3	.86	.09	.34	2	.44	
A 202408	10	23	5	27	<.3	14	8	798	2.14	8	<8	<2	6	385	.2	<3	<3	41	4.51	.218	32	26	.80	410	.10	3	1.44	.27	.76	<2	.06	
A 202409	9	12	<3	33	<.3	5	4	696	2.29	6	<8	<2	3	174	<.2	<3	<3	51	2.45	.093	7	33	.57	55	.12	<3	1.20	.07	.68	2	.03	
A 202410	16	30	4	30	<.3	3	6	617	2.11	7	<8	<2	3	171	<.2	<3	<3	48	1.96	.091	9	39	.58	45	.12	<3	1.09	.08	.56	<2	.09	
RE A 202410	17	29	<3	32	<.3	3	6	618	2.11	8	<8	<2	3	172	.3	<3	<3	49	1.99	.092	9	38	.58	47	.12	<3	1.10	.08	.56	<2	.07	
RRE A 202410	15	32	<3	32	<.3	5	7	639	2.23	9	<8	<2	3	177	<.2	<3	<3	50	2.03	.094	8	34	.59	43	.12	<3	1.11	.07	.58	<2	.09	
A 202411	16	14	<3	36	.4	2	6	580	1.90	8	<8	<2	2	138	<.2	<3	<3	49	1.67	.090	6	37	.59	47	.15	<3	1.16	.07	.75	<2	.07	
A 202412	5	17	<3	37	<.3	5	5	625	2.05	9	<8	<2	2	145	<.2	<3	<3	48	1.81	.093	6	44	.61	52	.14	<3	1.18	.08	.64	2	.08	
A 202413	4	26	3	50	.3	4	5	641	1.98	6	<8	<2	3	175	<.2	<3	<3	49	1.54	.093	7	38	.64	46	.15	<3	1.18	.09	.60	<2	.01	
A 202414	11	23	3	50	<.3	5	7	633	2.02	5	<8	<2	3	169	<.2	<3	<3	51	1.33	.094	7	41	.65	49	.15	3	1.21	.10	.68	2	.03	
A 202415	14	22	<3	41	<.3	4	6	606	1.86	5	<8	<2	3	152	.3	<3	<3	43	1.72	.093	8	38	.57	52	.13	<3	1.10	.08	.64	<2	.03	
A 202416	7	27	<3	40	<.3	5	6	702	1.80	5	<8	<2	3	158	<.2	<3	<3	31	2.40	.094	6	31	.49	74	.12	3	1.07	.08	.68	2	.02	
A 202417	6	18	<3	35	<.3	3	6	680	1.84	5	<8	<2	2	159	<.2	<3	<3	25	2.66	.094	5	32	.44	68	.11	<3	1.01	.07	.62	<2	.10	
A 202418	6	10	<3	14	<.3	4	4	774	1.08	3	<8	<2	2	156	<.2	<3	<3	12	4.22	.077	5	33	.20	66	.03	<3	.67	.02	.46	3	.12	
STANDARD DS3/AU-1	10	130	36	159	.5	35	12	827	3.21	34	<8	<2	6	29	5.6	4	6	83	.55	.095	18	193	.61	149	.09	<3	1.79	.04	.17	3	3.33	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Sultan Minerals PROJECT KENA FILE # A103743



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	gm/mt
A 202419	4	18	3	12	<.3	4	6	774	1.08	<2	<8	<2	4	315	.3	<3	<3	10	4.38	.079	13	34	.21	180	<.01	4	.70	.03	.48	2	.07
A 202420	2	16	3	24	<.3	3	6	580	1.60	5	<8	<2	3	162	.3	<3	<3	25	2.83	.089	9	27	.42	92	.05	3	.91	.05	.44	<2	.21
A 202421	1	19	<3	23	<.3	5	4	576	1.84	<2	<8	<2	3	218	.2	<3	<3	34	2.61	.094	10	33	.54	71	.08	<3	1.04	.09	.35	<2	.18
A 202422	2	16	<3	25	.4	3	4	503	1.69	4	<8	<2	3	176	.2	<3	<3	38	2.04	.097	9	29	.59	46	.09	<3	1.01	.07	.27	<2	.16
A 202423	2	7	<3	32	<.3	6	5	676	1.96	5	<8	<2	3	195	.4	<3	<3	34	2.74	.091	11	29	.75	147	.04	3	1.09	.08	.26	<2	.12
A 202424	2	18	<3	25	.3	5	4	529	1.67	5	<8	<2	3	170	.2	<3	<3	37	2.19	.094	8	37	.61	49	.11	<3	1.06	.08	.30	2	.03
A 202425	4	78	3	21	.8	5	17	566	2.16	14	<8	<2	2	167	.3	<3	<3	30	2.60	.092	7	34	.52	34	.12	3	.90	.09	.21	2	.31
A 202426	2	24	<3	21	<.3	4	6	467	1.47	3	<8	<2	3	165	.2	<3	<3	34	1.82	.090	7	31	.55	22	.11	<3	.91	.09	.13	2	.05
A 202427	4	27	5	19	.4	6	6	446	1.58	3	<8	<2	3	184	.2	<3	<3	39	1.64	.096	8	36	.55	26	.13	3	.94	.10	.18	<2	.07
A 202428	3	19	10	40	.3	4	3	458	1.30	5	<8	<2	2	183	.2	<3	<3	36	1.58	.099	8	36	.59	24	.11	<3	1.01	.08	.15	2	.01
RE A 202428	3	18	10	21	<.3	3	3	452	1.30	4	<8	<2	3	180	.2	<3	<3	35	1.57	.098	8	35	.58	23	.10	<3	.99	.08	.14	<2	.01
RRE A 202428	2	19	10	22	.4	5	3	443	1.28	5	<8	<2	3	183	<.2	<3	3	35	1.56	.098	8	32	.56	25	.11	<3	1.00	.09	.14	2	.01
A 202429	3	41	8	20	.3	3	3	547	1.40	6	<8	<2	3	197	.2	<3	<3	34	2.45	.097	10	31	.48	52	.08	<3	.93	.07	.35	2	.06
A 202430	4	71	<3	18	.9	4	7	636	1.89	3	<8	<2	3	162	<.2	<3	<3	24	3.22	.092	8	30	.41	72	.08	3	.86	.08	.53	7	.62
A 202431	2	16	3	31	.4	5	5	561	1.54	3	<8	<2	2	180	.2	<3	<3	40	2.02	.093	7	36	.57	59	.13	<3	1.01	.08	.59	3	.10
A 202432	2	28	<3	35	.4	5	6	604	1.75	4	<8	<2	2	214	.2	<3	<3	36	2.14	.096	8	35	.52	86	.13	3	1.07	.08	.67	3	.04
A 202433	2	22	<3	30	<.3	4	5	591	1.75	3	<8	<2	2	197	.2	<3	<3	30	2.19	.094	7	33	.48	89	.12	<3	1.01	.07	.67	5	.05
A 202434	2	18	<3	18	<.3	7	6	610	1.50	2	<8	<2	2	188	.3	<3	<3	16	3.24	.091	6	26	.28	82	.07	3	.77	.05	.54	2	.04
A 202435	2	16	<3	14	<.3	3	4	554	1.21	<2	<8	<2	2	203	.2	<3	<3	14	3.36	.090	7	22	.34	68	.07	3	.81	.04	.54	<2	.04
A 202436	2	3	<3	15	<.3	4	3	552	1.09	3	<8	<2	3	162	.2	<3	<3	19	3.59	.094	7	26	.40	63	.09	3	.90	.06	.66	<2	.03
A 202437	2	3	3	15	<.3	4	4	518	1.19	2	<8	<2	2	147	.2	<3	<3	31	2.79	.093	7	35	.54	48	.11	3	.90	.08	.44	2	.05
A 202438	1	5	3	17	.4	5	3	473	1.27	6	<8	<2	3	171	.3	<3	<3	38	2.14	.094	7	38	.62	45	.13	3	1.05	.09	.46	<2	.02
A 202439	2	7	<3	15	.3	3	4	473	1.24	4	<8	<2	2	128	.2	<3	<3	35	2.44	.096	7	40	.58	39	.12	3	.87	.11	.31	<2	.13
A 202440	2	7	4	14	<.3	4	3	434	1.04	4	<8	<2	3	134	.2	<3	<3	28	2.22	.094	7	38	.49	43	.12	3	.82	.10	.28	2	.08
A 202441	2	12	6	12	.4	3	6	428	1.23	4	<8	<2	2	139	<.2	<3	<3	33	2.37	.095	8	38	.48	26	.11	<3	.75	.10	.17	<2	.08
A 202442	2	5	4	17	.3	5	5	502	1.21	5	<8	<2	2	150	.2	<3	<3	32	2.56	.096	8	36	.57	39	.12	<3	.89	.09	.29	<2	.06
RE A 202442	2	5	<3	27	<.3	4	4	478	1.15	4	<8	<2	2	144	<.2	<3	<3	30	2.45	.091	7	34	.54	40	.12	4	.85	.09	.27	<2	.02
RRE A 202442	2	3	<3	14	<.3	2	4	475	1.13	4	<8	<2	2	141	.2	<3	<3	30	2.44	.093	6	33	.55	36	.11	<3	.85	.09	.27	2	.03
A 202443	1	7	3	15	<.3	7	3	483	1.16	3	<8	<2	3	136	<.2	<3	<3	30	2.41	.089	6	34	.52	52	.12	<3	.92	.08	.44	<2	.04
A 202444	2	5	<3	23	<.3	2	3	511	1.42	3	<8	<2	2	159	<.2	<3	<3	31	2.38	.092	6	31	.55	56	.12	3	.98	.07	.47	<2	.02
A 202445	2	20	<3	22	<.3	5	6	587	1.61	<2	<8	<2	2	173	<.2	<3	<3	19	2.83	.087	7	26	.36	85	.09	<3	.89	.05	.59	<2	.03
A 202446	3	20	<3	20	<.3	4	5	653	1.68	2	<8	<2	3	159	.3	<3	<3	17	3.07	.088	8	28	.35	85	.06	<3	.81	.05	.49	<2	.02
A 202447	3	38	3	27	.3	5	6	525	1.86	4	<8	<2	3	162	.2	<3	<3	26	2.01	.089	8	39	.50	88	.11	<3	1.05	.09	.65	<2	.14
A 202448	3	26	<3	27	.3	3	6	475	1.75	5	<8	<2	2	180	.2	<3	<3	26	1.70	.090	7	33	.52	79	.13	3	1.03	.07	.59	<2	.04
A 202449	3	13	3	26	<.3	5	6	492	1.77	3	<8	<2	<2	162	.2	<3	<3	28	1.80	.088	8	41	.52	82	.13	<3	1.05	.09	.65	<2	.08
STANDARD DS3/AU-1	9	126	35	150	.6	37	11	793	3.08	33	<8	<2	5	27	5.8	5	7	77	.54	.092	17	193	.58	149	.09	3	1.69	.04	.17	3	3.39

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103760 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	<1	<3	1	<3	<1	<1	2	.02	<2	<8	<2	<2	2	<2	<3	<3	<1	.08	<.001	<1	3	<.01	2	<.01	<3	.01	.28	<.01	<2	<.01
A 202450	1	36	8	35	<3	4	4	464	1.82	2	<8	<2	2	103	<.2	<3	<3	27	.40	.058	10	20	.39	93	.07	<3	1.11	.19	.31	2	.03
A 202451	1	40	9	23	<3	3	11	457	1.91	<2	<8	<2	2	88	<.2	<3	<3	30	.39	.070	9	15	.41	84	.08	5	1.13	.14	.25	<2	.10
A 202452	1	25	9	25	<3	4	5	395	1.74	<2	<8	<2	2	133	<.2	<3	<3	28	.52	.064	9	17	.41	99	.09	<3	1.29	.19	.33	<2	.07
A 202453	2	33	8	25	<3	3	8	418	1.79	<2	<8	<2	2	104	<.2	<3	<3	28	.46	.066	7	21	.40	66	.08	<3	1.03	.15	.29	<2	.08
A 202454	2	108	10	21	<3	4	3	441	1.40	<2	<8	<2	2	76	<.2	<3	<3	20	.37	.064	10	34	.26	89	.04	3	.85	.13	.33	<2	.02
A 202455	3	38	6	15	<3	2	4	538	1.36	<2	<8	<2	2	24	<.2	<3	<3	11	.17	.071	14	23	.09	99	.01	3	.67	.12	.37	<2	.07
A 202456	2	30	5	24	<3	4	2	515	1.57	<2	<8	<2	2	73	.2	<3	<3	20	.33	.066	10	24	.25	95	.03	6	.92	.16	.37	<2	.02
A 202457	3	29	7	19	<3	3	9	349	1.97	2	<8	<2	2	70	<.2	<3	<3	24	.33	.063	8	21	.33	76	.06	4	.90	.20	.28	<2	.07
A 202458	2	15	7	19	.4	5	10	418	1.80	<2	<8	<2	2	44	<.2	<3	<3	16	.26	.064	11	28	.20	83	.03	4	.66	.12	.26	<2	.11
A 202459	4	31	3	18	<3	3	11	448	2.20	2	<8	<2	2	42	<.2	<3	<3	17	.20	.064	12	23	.17	82	.02	3	.80	.17	.34	<2	.13
A 202460	4	25	6	19	<3	4	4	485	1.74	<2	<8	<2	2	66	<.2	<3	<3	22	.29	.066	9	30	.29	106	.05	<3	.97	.23	.39	<2	.11
RE A 202460	3	26	4	19	<3	5	4	491	1.76	<2	<8	<2	2	65	<.2	<3	<3	22	.30	.067	10	34	.30	104	.05	<3	.94	.21	.37	<2	.09
RRE A 202460	4	25	5	20	<3	3	4	494	1.74	<2	<8	<2	2	62	<.2	<3	<3	22	.29	.066	10	27	.30	100	.04	<3	.92	.20	.36	<2	.08
A 202461	4	79	5	21	.3	4	3	409	1.89	<2	<8	<2	2	72	<.2	<3	<3	25	.31	.069	9	28	.33	93	.06	3	1.00	.25	.35	<2	.07
A 202462	3	119	11	19	.5	3	5	297	1.62	2	<8	<2	<2	94	<.2	<3	<3	26	.41	.062	8	28	.37	72	.09	5	.90	.22	.25	<2	.17
A 202463	3	68	10	18	<3	4	4	330	1.70	<2	<8	<2	2	89	<.2	<3	<3	25	.40	.064	8	30	.35	73	.08	<3	.86	.18	.25	2	.08
A 202464	3	59	3	18	<3	2	3	275	1.31	2	<8	<2	2	120	<.2	<3	<3	24	.56	.064	7	27	.35	52	.09	3	.80	.19	.21	<2	.05
A 202465	3	104	5	23	<3	4	2	405	1.61	<2	<8	<2	2	126	<.2	<3	<3	28	.62	.066	8	35	.44	46	.10	4	.86	.16	.20	<2	.05
A 202466	4	116	8	18	<3	3	5	282	1.38	2	<8	<2	<2	114	<.2	<3	<3	23	.63	.064	7	35	.34	39	.10	<3	.70	.14	.19	<2	.16
A 202467	5	115	<3	18	<3	5	3	268	1.60	<2	<8	<2	2	119	<.2	<3	<3	27	.83	.064	8	40	.32	47	.11	<3	.77	.20	.21	2	.08
A 202468	10	201	<3	17	.4	3	2	404	1.51	<2	<8	<2	2	153	<.2	<3	<3	26	1.63	.065	9	30	.36	79	.08	<3	.91	.24	.37	<2	.17
A 202469	3	65	7	16	<3	4	2	441	1.72	3	<8	<2	2	155	<.2	<3	<3	26	1.85	.065	9	35	.37	84	.07	3	.93	.22	.45	<2	.13
A 202470	5	79	5	14	<3	2	2	505	1.50	<2	<8	<2	2	178	<.2	<3	<3	19	2.55	.063	7	31	.33	77	.05	<3	.90	.24	.35	<2	.08
A 202471	3	87	8	18	.5	4	8	434	1.81	2	<8	<2	2	133	<.2	<3	<3	25	1.84	.064	7	41	.37	85	.08	<3	1.01	.27	.47	3	.42
A 202472	6	74	3	19	<3	3	3	317	1.46	<2	<8	<2	2	153	<.2	<3	<3	25	1.19	.066	7	38	.41	62	.10	<3	.93	.21	.32	2	.08
RE A 202472	5	68	9	18	<3	2	3	297	1.37	<2	<8	<2	<2	145	<.2	<3	<3	23	1.12	.062	6	36	.38	60	.09	<3	.87	.21	.30	<2	.07
RRE A 202472	5	72	6	17	<3	4	3	307	1.42	<2	<8	<2	<2	157	.2	<3	<3	25	1.16	.062	7	39	.39	65	.10	<3	.94	.22	.32	<2	.08
A 202473	3	95	<3	15	<3	2	2	420	1.68	<2	<8	<2	2	119	<.2	<3	<3	25	1.42	.062	10	33	.34	64	.05	6	.81	.21	.28	2	.07
A 202474	3	47	5	27	<3	37	13	663	2.75	3	<8	<2	4	153	<.2	<3	<3	58	2.01	.165	25	137	1.51	351	.13	4	1.28	.17	.59	<2	.04
A 202475	2	20	4	21	<3	3	3	417	1.42	2	<8	<2	2	169	<.2	<3	<3	22	1.28	.063	7	34	.39	78	.08	3	1.04	.25	.32	2	.03
A 202476	4	33	3	15	<3	5	11	498	2.23	2	<8	<2	2	142	<.2	<3	<3	21	2.26	.061	9	36	.27	110	.04	4	.85	.21	.44	4	.15
A 202477	3	30	5	32	<3	26	11	698	2.72	2	<8	<2	5	381	<.2	<3	3	56	2.60	.283	52	53	1.32	668	.12	3	1.34	.24	.56	<2	.07
A 202478	2	49	<3	13	<3	4	4	468	1.55	<2	<8	<2	<2	101	<.2	<3	<3	17	1.18	.063	10	32	.27	114	.03	<3	.93	.23	.45	<2	.12
STANDARD DS3/AU-1	10	131	34	160	.4	35	12	843	3.24	30	<8	<2	4	30	5.8	5	6	83	.57	.097	19	201	.63	149	.09	4	1.77	.04	.18	5	3.31

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 23 2001 DATE REPORT MAILED: *Oct 31/01* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#

Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt

A 202479	4	12	<3	9	<.3	2	5	558	1.39	2	<8	<2	2	153	.3	<3	<3	7	3.45	.060	9	22	.16	77	<.01	<3	.46	.11	.30	8	.22
A 202480	3	11	<3	11	<.3	3	2	885	1.27	4	<8	<2	2	316	.2	<3	<3	8	5.25	.064	5	22	.26	150	<.01	<3	.63	.13	.34	<2	.12
A 202481	9	86	<3	8	<.3	3	8	511	1.49	2	<8	<2	2	183	.2	<3	<3	8	2.94	.062	10	26	.20	79	.01	<3	.50	.12	.32	2	.27
A 202482	5	26	<3	9	<.3	4	7	551	1.61	3	<8	<2	<2	226	.2	<3	<3	12	3.31	.060	8	32	.19	80	.01	<3	.54	.12	.34	<2	.12
A 202483	17	121	3	19	.3	2	8	450	1.72	<2	<8	<2	<2	143	.2	<3	<3	22	2.32	.063	8	26	.30	76	.04	<3	.61	.12	.34	2	.34
A 202484	32	163	<3	10	<.3	3	4	556	1.07	<2	<8	<2	2	207	.2	<3	<3	10	2.95	.067	9	30	.29	124	.01	<3	.57	.13	.37	2	.16
A 202485	11	74	6	15	<.3	2	6	564	1.65	3	<8	<2	2	179	.2	<3	<3	14	3.23	.060	9	22	.24	100	.01	<3	.57	.11	.30	<2	.21
A 202486	8	320	5	25	.6	4	6	328	1.43	<2	<8	<2	<2	126	.2	<3	<3	25	1.01	.062	6	34	.40	52	.09	<3	.78	.17	.25	<2	.29
A 202487	2	122	4	21	.3	4	15	274	1.65	2	<8	<2	<2	101	<.2	<3	<3	26	.53	.069	6	25	.42	83	.08	<3	.68	.12	.16	<2	.26
A 202488	4	124	<3	20	.3	5	16	285	1.99	4	<8	<2	<2	94	.2	<3	<3	26	.65	.067	7	28	.39	86	.07	<3	.78	.15	.23	<2	.40
A 202489	4	112	5	20	.8	3	14	309	1.92	3	<8	<2	<2	84	<.2	<3	<3	29	.95	.065	5	24	.38	68	.08	<3	.68	.13	.18	<2	.22
A 202490	3	89	<3	19	<.3	5	5	300	1.65	<2	<8	<2	2	120	<.2	<3	<3	29	.85	.066	7	28	.41	55	.09	<3	.80	.16	.19	<2	.14
RE A 202490	4	82	5	18	<.3	4	5	292	1.60	2	<8	<2	<2	118	<.2	<3	<3	28	.83	.065	6	28	.40	56	.08	<3	.80	.17	.20	<2	.12
RRE A 202490	5	86	<3	19	<.3	3	5	299	1.64	2	<8	<2	2	114	.2	<3	<3	30	.83	.067	6	30	.42	50	.08	<3	.77	.15	.18	<2	.11
A 202491	2	60	3	17	<.3	4	11	373	1.88	<2	<8	<2	2	50	<.2	<3	4	20	1.10	.063	9	23	.30	48	.01	<3	.63	.10	.24	<2	.24
A 202492	2	59	3	15	<.3	2	7	351	2.45	3	<8	<2	2	46	<.2	<3	<3	21	.70	.068	9	21	.26	174	.01	<3	.67	.13	.28	<2	.14
A 202493	5	43	3	15	<.3	4	9	382	1.81	<2	<8	<2	2	89	<.2	<3	<3	19	1.94	.064	7	27	.22	148	.02	3	.67	.16	.29	<2	.15
A 202494	1	47	<3	18	.5	3	11	310	1.99	<2	<8	<2	2	48	<.2	<3	<3	24	.43	.065	8	21	.34	59	.03	3	.67	.11	.23	<2	.21
A 202495	2	68	3	18	<.3	4	10	334	1.68	2	<8	<2	2	62	<.2	<3	<3	30	.50	.063	5	30	.40	95	.09	3	.74	.18	.36	<2	.44
A 202496	3	101	<3	14	<.3	3	8	330	1.38	2	<8	<2	2	67	<.2	<3	<3	16	1.85	.064	4	21	.22	63	.07	<3	.61	.11	.43	<2	.25
A 202497	11	186	4	19	.4	4	14	349	1.80	2	<8	<2	2	79	.2	<3	<3	21	1.05	.066	8	31	.29	110	.05	3	.70	.13	.35	<2	.20
A 202498	37	126	3	18	<.3	5	10	268	1.52	2	<8	<2	<2	90	.2	<3	<3	26	1.15	.064	5	33	.39	32	.09	<3	.65	.14	.21	<2	.25
A 202499	23	109	3	21	.3	5	8	273	1.72	3	<8	<2	2	118	<.2	<3	<3	28	1.08	.069	6	35	.41	48	.10	3	.84	.19	.25	<2	.12
A 202500	11	137	<3	21	<.3	3	7	258	1.27	2	<8	<2	2	115	<.2	<3	<3	24	.91	.068	7	29	.42	44	.09	<3	.76	.16	.22	<2	.10
A 202501	15	281	<3	21	<.3	4	7	304	1.76	2	<8	<2	2	95	<.2	<3	<3	33	1.40	.065	8	26	.40	44	.07	<3	.80	.17	.24	<2	.20
A 202502	28	462	3	19	.3	3	8	186	1.41	<2	<8	<2	<2	105	<.2	<3	<3	24	.76	.064	6	27	.35	33	.08	3	.60	.11	.18	<2	.29
RE A 202502	25	465	4	19	.4	3	8	186	1.41	<2	<8	<2	2	105	<.2	<3	<3	24	.76	.064	6	27	.35	32	.08	<3	.59	.11	.18	<2	.27
RRE A 202502	27	472	4	34	.4	4	8	192	1.48	2	<8	<2	2	111	<.2	<3	<3	25	.79	.065	6	29	.35	36	.09	<3	.65	.12	.20	<2	.27
A 202503	5	149	<3	15	<.3	3	8	157	1.63	<2	<8	<2	2	118	<.2	<3	<3	26	.62	.067	6	33	.26	46	.10	<3	.61	.15	.19	<2	.13
A 202504	3	136	3	18	<.3	5	7	201	1.36	<2	<8	<2	2	127	<.2	<3	<3	26	.80	.066	6	31	.27	44	.10	<3	.67	.17	.21	<2	.15
A 202505	5	79	7	15	<.3	2	3	183	1.03	<2	<8	<2	2	115	<.2	<3	<3	22	.86	.068	6	25	.20	37	.09	<3	.54	.12	.14	<2	.05
A 202506	3	69	5	16	<.3	4	3	178	1.06	<2	<8	<2	<2	156	<.2	<3	<3	21	.78	.068	6	30	.21	50	.10	<3	.68	.18	.19	<2	.05
A 202507	8	72	4	9	<.3	2	5	137	.90	<2	<8	<2	2	113	<.2	<3	<3	18	.81	.068	5	29	.14	33	.10	<3	.48	.13	.15	<2	.06
A 202508	12	274	5	18	.3	4	7	307	1.38	<2	<8	<2	2	89	<.2	<3	<3	20	1.51	.063	8	28	.27	60	.05	<3	.74	.14	.30	<2	.19
STANDARD DS3/AU-1	10	129	33	163	.3	35	12	831	3.34	31	<8	<2	4	31	5.8	4	5	81	.57	.100	19	190	.63	147	.09	<3	1.68	.04	.18	6	3.32

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202509	42	362	3	19	.5	2	8	396	1.51	<2	<8	<2	2	84	.2	<3	<3	16	2.05	.063	8	25	.33	141	.03	4	.57	.07	.21	<2	.28
A 202510	62	309	<3	15	.3	4	6	413	1.50	<2	<8	<2	2	101	.3	<3	<3	14	2.68	.061	8	20	.29	693	.01	3	.57	.06	.27	<2	.14
A 202511	20	33	3	16	<.3	3	2	395	1.51	4	<8	<2	3	68	.2	<3	<3	12	2.48	.063	10	23	.29	265	<.01	4	.48	.06	.28	<2	.05
A 202512	47	168	3	17	.3	4	4	445	1.50	<2	<8	<2	3	78	.2	<3	<3	15	2.80	.078	11	21	.38	245	.02	4	.47	.06	.28	<2	.16
A 202513	54	221	<3	12	.5	4	7	319	1.82	4	<8	<2	2	72	<.2	<3	<3	24	1.41	.065	5	30	.36	26	.07	<3	.51	.08	.11	<2	.50
A 202514	7	103	<3	16	.3	5	5	306	1.68	4	<8	<2	2	88	<.2	<3	<3	26	.95	.062	5	31	.38	39	.08	3	.62	.08	.10	<2	.26
A 202515	5	46	<3	9	<.3	3	1	203	1.24	3	<8	<2	2	99	<.2	<3	<3	24	.82	.066	5	32	.22	32	.09	<3	.54	.08	.11	<2	.09
RE A 202515	5	46	<3	12	<.3	3	1	193	1.22	5	<8	<2	2	97	<.2	<3	<3	24	.80	.066	5	31	.22	30	.09	3	.52	.09	.11	<2	.07
STANDARD DS3/AU-1	9	124	34	154	.4	36	12	796	3.07	34	<8	<2	5	27	5.6	4	5	77	.52	.092	17	191	.58	150	.09	3	1.68	.04	.16	3	3.32

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103791 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % ppm % % % ppm gm/mt

SI	<1	<1	<3	<1	<.3	1	<1	<2	.01	<2	<8	<2	<2	1	<2	<3	13	<1	.06	<.001	<1	2	<.01	1	<.01	<3	<.01	.24	<.01	<2	<.01
A 202516	2	52	5	20	<.3	3	3	307	1.38	<2	<8	<2	3	33	<.2	<3	4	12	.21	.062	7	18	.23	79	.07	4	.73	.13	.39	<2	.10
A 202517	4	78	7	12	<.3	2	2	282	1.32	2	<8	<2	3	29	2	<3	4	3	.16	.058	6	21	.17	75	.05	<3	.69	.14	.33	<2	.10
A 202518	2	91	4	19	<.3	4	1	278	1.03	<2	<8	<2	2	47	<.2	<3	<3	13	.51	.058	5	22	.27	58	.06	<3	.66	.16	.31	<2	.09
A 202519	2	115	5	21	<.3	3	3	307	.98	<2	<8	<2	3	36	<.2	<3	3	14	.22	.059	6	23	.30	72	.07	<3	.77	.17	.36	<2	.09
A 202520	5	98	4	18	<.3	5	3	291	1.21	<2	<8	<2	3	44	.2	<3	<3	13	.68	.060	5	30	.25	72	.07	<3	.64	.13	.38	2	.15
A 202521	8	75	6	14	<.3	3	2	260	.92	<2	<8	<2	2	70	.2	<3	<3	13	1.33	.059	4	28	.21	55	.06	4	.61	.17	.34	<2	.11
A 202522	2	117	8	22	.3	5	6	300	1.04	<2	<8	<2	2	85	<.2	<3	<3	15	.61	.059	6	28	.30	63	.07	5	.75	.20	.35	<2	.12
A 202523	4	139	4	20	<.3	3	8	217	1.38	<2	8	<2	2	93	.2	<3	5	15	1.00	.057	4	27	.27	50	.07	3	.65	.16	.32	<2	.40
A 202524	3	191	3	19	.3	3	7	276	1.19	2	<8	<2	2	77	.3	<3	<3	15	1.01	.058	7	28	.26	66	.06	3	.69	.16	.35	<2	.22
A 202525	3	81	3	19	<.3	3	6	233	1.08	2	<8	<2	2	85	.2	<3	<3	14	1.06	.059	8	27	.25	64	.06	4	.66	.14	.37	<2	.05
A 202526	3	85	4	20	<.3	4	4	268	1.03	<2	<8	<2	3	85	<.2	<3	<3	14	1.17	.058	8	28	.25	53	.06	3	.62	.13	.35	<2	.07
RE A 202526	2	85	5	21	<.3	4	4	265	1.01	<2	<8	<2	2	84	<.2	<3	<3	13	1.15	.057	8	28	.24	52	.06	<3	.60	.13	.35	<2	.07
RRE A 202526	3	87	4	20	<.3	2	4	272	1.01	<2	<8	<2	2	87	<.2	<3	<3	13	1.18	.058	7	27	.25	54	.06	3	.64	.14	.36	<2	.05
A 202527	2	86	<3	20	<.3	4	5	209	.94	2	<8	<2	2	112	<.2	3	<3	16	.85	.059	9	34	.30	56	.08	<3	.72	.19	.28	<2	.06
A 202528	18	116	4	14	.3	3	5	264	1.04	<2	<8	<2	2	83	<.2	3	<3	12	1.32	.057	6	26	.20	69	.06	3	.64	.15	.36	<2	.06
A 202529	2	70	<3	15	<.3	4	5	330	1.04	<2	<8	<2	3	99	<.2	<3	<3	11	1.60	.056	7	28	.18	79	.05	<3	.66	.17	.41	<2	.06
A 202530	3	63	5	19	<.3	2	7	303	1.19	<2	<8	<2	2	111	<.2	<3	3	16	1.66	.054	7	24	.23	66	.07	4	.67	.16	.44	<2	.02
A 202531	5	50	5	9	<.3	4	5	288	1.10	<2	<8	<2	3	91	<.2	<3	3	8	1.47	.056	8	30	.10	74	.03	3	.56	.14	.36	<2	.11
A 202532	4	151	4	17	<.3	2	7	322	1.33	<2	<8	<2	2	86	.2	<3	<3	11	1.42	.057	5	27	.20	67	.05	4	.61	.11	.41	<2	.18
A 202533	3	244	4	17	<.3	4	5	318	1.27	2	<8	<2	2	80	.2	<3	<3	12	1.34	.055	6	31	.22	74	.05	4	.67	.14	.45	<2	.31
A 202534	6	232	4	13	<.3	3	8	309	1.61	<2	<8	<2	3	47	.2	<3	<3	9	.53	.062	11	23	.15	96	.03	<3	.69	.15	.41	<2	.23
A 202535	5	400	6	17	.4	4	6	275	1.42	<2	<8	<2	2	59	<.2	<3	<3	11	.87	.057	6	29	.21	75	.06	<3	.63	.12	.42	<2	.49
A 202536	22	231	5	14	<.3	3	4	211	1.37	<2	<8	<2	2	72	<.2	<3	<3	15	.70	.058	6	31	.24	69	.07	3	.67	.16	.41	<2	.25
A 202537	6	499	5	18	.4	4	6	337	1.46	<2	<8	<2	2	65	.2	<3	<3	13	1.38	.072	10	30	.21	113	.03	3	.82	.15	.51	<2	.53
A 202538	8	46	3	15	<.3	3	3	289	1.22	<2	<8	<2	2	90	<.2	<3	<3	13	1.73	.061	7	29	.22	70	.05	<3	.70	.13	.40	<2	.09
RE A 202538	8	44	<3	14	<.3	2	3	277	1.16	<2	<8	<2	2	85	<.2	<3	5	12	1.66	.059	7	27	.21	66	.05	3	.66	.13	.37	<2	.09
RRE A 202538	7	43	3	14	<.3	4	3	283	1.19	<2	<8	<2	2	89	<.2	3	<3	13	1.66	.058	7	31	.21	72	.05	3	.72	.15	.41	<2	.08
A 202539	7	69	3	23	<.3	3	5	337	1.65	2	<8	<2	<2	95	<.2	3	<3	17	1.70	.077	6	25	.36	62	.09	3	.79	.13	.52	<2	.61
A 202540	11	41	<3	21	<.3	4	4	336	1.57	<2	<8	<2	2	87	<.2	3	<3	17	1.89	.074	6	35	.33	60	.07	<3	.82	.14	.42	<2	.24
A 202541	8	104	3	14	<.3	2	4	261	1.59	<2	<8	<2	2	83	<.2	<3	<3	11	1.95	.056	5	21	.19	61	.05	<3	.66	.11	.42	<2	.49
A 202542	6	183	5	15	<.3	4	6	259	1.46	<2	<8	<2	2	107	<.2	<3	<3	13	1.93	.055	7	35	.19	71	.05	3	.69	.15	.40	<2	.29
A 202543	15	155	<3	4	<.3	2	7	255	1.02	<2	<8	<2	3	101	<.2	<3	<3	6	2.20	.057	10	25	.06	100	.01	3	.63	.11	.41	<2	.30
A 202544	6	78	4	15	<.3	4	7	282	1.35	<2	<8	<2	2	99	.2	<3	<3	10	2.12	.057	10	36	.17	186	.02	<3	.70	.12	.38	<2	.10
STANDARD DS3/AU-1	9	117	34	155	<.3	35	11	780	3.04	28	<8	<2	4	27	5.4	5	5	74	.50	.091	16	183	.56	142	.08	<3	1.71	.04	.17	3	3.32

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 25 2001 DATE REPORT MAILED: Nov 1/01 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202545	6	81	<3	7	<.3	2	6	262	1.08	2	<8	<2	3	80	<.2	<3	<3	6	2.22	.057	10	30	.07	121	<.01	<3	.40	.06	.32	<2	.16
A 202546	11	89	4	7	.3	5	12	260	1.36	3	<8	<2	3	78	<.2	<3	<3	6	2.18	.059	7	31	.08	125	<.01	<3	.40	.07	.31	<2	.14
A 202547	47	52	6	11	<.3	3	5	293	1.05	2	<8	<2	3	84	<.2	<3	3	6	2.56	.064	8	20	.15	130	<.01	<3	.39	.05	.31	<2	.05
A 202548	7	53	5	10	<.3	4	4	252	.99	<2	<8	<2	3	69	<.2	<3	<3	5	2.06	.057	11	26	.11	128	<.01	<3	.38	.06	.28	<2	.13
A 202549	46	74	4	9	<.3	3	4	238	1.20	<2	<8	<2	2	60	<.2	<3	<3	9	1.85	.058	8	31	.16	62	.02	4	.43	.06	.30	<2	.40
A 202550	64	68	4	11	<.3	4	5	220	1.11	<2	<8	<2	2	54	<.2	<3	3	9	1.75	.060	8	33	.17	52	.01	3	.46	.07	.33	<2	.12
A 202551	12	95	3	19	<.3	3	4	320	1.17	3	<8	<2	<2	64	.2	<3	<3	15	1.92	.076	6	29	.30	41	.05	<3	.56	.06	.35	<2	.26
A 202552	6	63	<3	26	<.3	4	4	355	1.15	2	<8	<2	<2	83	<.2	<3	<3	19	1.68	.078	5	31	.39	47	.09	<3	.67	.07	.45	<2	.45
A 202553	13	52	6	22	<.3	3	5	415	1.08	<2	<8	<2	<2	79	.3	<3	<3	15	1.90	.081	8	28	.33	58	.07	<3	.65	.06	.43	<2	.24
A 202554	4	46	5	30	<.3	5	6	398	1.51	<2	8	<2	2	93	<.2	3	3	24	1.19	.080	7	30	.45	42	.09	<3	.70	.07	.34	<2	.06
RE A 202554	4	47	8	29	<.3	5	6	399	1.52	3	<8	<2	3	94	<.2	4	<3	24	1.20	.082	8	30	.45	43	.09	3	.72	.08	.35	3	.07
RRE A 202554	6	46	<3	30	<.3	3	6	391	1.46	2	<8	<2	2	90	<.2	3	<3	22	1.17	.080	7	29	.44	40	.09	3	.69	.07	.33	2	.07
A 202555	9	65	3	15	<.3	3	6	304	1.24	2	<8	<2	3	43	<.2	<3	<3	7	1.10	.060	12	30	.16	63	.01	<3	.40	.06	.27	<2	.10
A 202556	8	54	3	19	<.3	5	3	324	1.58	<2	<8	<2	2	84	<.2	<3	3	11	1.64	.057	8	29	.26	78	.03	<3	.60	.07	.32	<2	.06
A 202557	8	59	5	17	<.3	3	6	286	1.45	3	<8	<2	<2	94	<.2	<3	3	14	1.33	.058	7	30	.25	63	.06	<3	.54	.07	.27	<2	.04
A 202558	16	75	<3	21	<.3	4	6	327	1.55	<2	<8	<2	2	73	<.2	<3	<3	11	1.71	.058	9	30	.27	94	.02	3	.62	.07	.31	<2	.06
A 202559	17	81	5	19	.3	3	6	258	1.62	3	<8	<2	2	73	<.2	<3	<3	15	1.36	.059	6	31	.27	42	.06	<3	.55	.07	.26	2	.38
A 202560	7	92	5	19	<.3	4	5	285	1.50	<2	<8	<2	2	82	<.2	<3	<3	14	1.34	.056	6	35	.31	42	.06	3	.61	.08	.25	<2	.09
A 202561	47	79	4	18	<.3	3	5	256	1.43	<2	<8	<2	2	89	<.2	<3	<3	18	1.05	.058	7	36	.34	37	.08	<3	.59	.08	.27	<2	.08
A 202562	30	91	3	18	<.3	5	8	316	1.66	<2	<8	<2	2	102	<.2	<3	<3	17	1.62	.057	9	38	.32	68	.05	3	.66	.08	.29	3	.13
A 202563	11	51	4	20	.5	3	5	252	1.56	<2	<8	<2	2	95	<.2	3	<3	18	1.05	.059	10	36	.34	34	.07	<3	.60	.08	.20	4	.07
A 202564	8	78	3	18	.3	5	6	264	1.70	2	<8	<2	2	86	<.2	3	<3	22	1.12	.058	7	35	.35	35	.08	3	.61	.09	.21	4	.06
A 202565	13	66	4	20	<.3	3	9	252	1.67	<2	<8	<2	2	83	<.2	<3	<3	22	1.07	.056	8	35	.37	28	.08	<3	.59	.07	.20	2	.09
A 202566	49	76	3	21	<.3	5	10	283	1.72	<2	<8	<2	<2	78	<.2	<3	<3	22	1.30	.059	8	43	.36	42	.06	<3	.60	.08	.22	<2	.11
RE A 202566	48	75	4	21	<.3	4	10	274	1.66	<2	<8	<2	<2	76	<.2	<3	<3	22	1.27	.057	8	35	.35	41	.06	3	.58	.07	.22	<2	.13
RRE A 202566	47	76	<3	22	<.3	4	10	284	1.69	3	<8	<2	<2	77	<.2	<3	<3	21	1.32	.060	7	34	.37	42	.06	<3	.59	.07	.21	<2	.09
A 202567	8	72	3	19	<.3	4	15	332	1.67	<2	<8	<2	<2	97	<.2	<3	<3	16	1.84	.057	7	33	.32	34	.04	<3	.58	.08	.20	<2	.17
A 202568	20	61	<3	16	<.3	3	7	312	1.46	<2	<8	<2	2	80	<.2	3	<3	9	1.87	.058	8	31	.22	127	.01	<3	.52	.06	.27	<2	.07
A 202569	8	52	6	15	<.3	5	9	351	1.75	<2	<8	<2	<2	81	<.2	<3	<3	10	1.99	.058	7	33	.23	120	.02	3	.50	.07	.28	<2	.16
A 202570	12	88	3	19	<.3	3	12	291	1.32	2	<8	<2	<2	120	<.2	<3	<3	12	1.36	.060	6	35	.29	41	.07	<3	.59	.08	.23	<2	.08
STANDARD DS3/AU-1	10	134	34	163	<.3	35	12	845	3.31	33	<8	<2	4	27	5.8	5	6	81	.55	.100	18	189	.62	148	.09	<3	1.77	.04	.17	4	3.26

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103848 Page 1
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	<1	<3	<1	<.3	1	<1	5	.03	<2	<8	<2	<2	3	<.2	<3	<3	<1	.15	<.001	<1	4	<.01	6	<.01	<3	.01	.63	.01	<2	<.01
A 202571	7	60	<3	22	<.3	3	7	335	1.44	<2	<8	<2	2	92	.2	<3	<3	17	1.61	.056	7	20	.31	55	.08	<3	.60	.06	.34	2	.08
A 202572	10	48	<3	20	<.3	2	4	294	1.35	2	<8	2	94	<.2	<3	<3	18	1.47	.057	7	17	.30	48	.08	<3	.60	.07	.34	<2	.09	
A 202573	34	71	<3	20	<.3	3	9	242	1.35	<2	<8	<2	<2	131	<.2	<3	<3	19	1.06	.055	8	20	.33	28	.09	<3	.57	.07	.18	<2	.20
A 202574	7	90	4	18	<.3	3	7	225	1.77	6	<8	<2	<2	82	<.2	<3	<3	20	1.00	.055	8	17	.32	29	.08	<3	.51	.07	.22	2	.74
A 202575	8	73	<3	22	<.3	3	6	258	1.37	2	<8	<2	<2	103	<.2	<3	<3	20	1.16	.057	7	24	.35	32	.08	<3	.57	.07	.21	2	.27
A 202576	4	74	3	24	<.3	3	10	282	1.42	<2	<8	<2	<2	122	<.2	<3	<3	23	1.10	.059	7	24	.38	30	.09	<3	.61	.07	.18	2	.11
A 202577	2	26	<3	17	<.3	2	4	360	1.01	<2	<8	<2	2	107	<.2	<3	<3	15	1.87	.054	8	19	.26	50	.04	<3	.55	.06	.25	3	.21
A 202578	3	84	<3	22	<.3	2	11	322	1.18	<2	<8	<2	2	85	<.2	<3	<3	17	1.39	.060	6	21	.34	43	.09	<3	.60	.06	.32	2	.15
A 202579	4	55	<3	22	<.3	3	10	333	1.35	<2	<8	<2	<2	104	.2	<3	<3	19	1.46	.059	7	23	.34	36	.08	<3	.64	.07	.31	4	.11
A 202580	3	87	<3	25	<.3	3	10	319	1.49	<2	<8	<2	2	87	<.2	<3	<3	22	1.31	.059	8	20	.38	32	.09	<3	.59	.07	.23	4	.33
RE A 202580	3	86	5	25	<.3	4	11	321	1.50	<2	<8	<2	2	88	.2	<3	<3	22	1.33	.059	8	25	.38	32	.09	<3	.60	.07	.23	4	.33
RRE A 202580	3	81	3	25	<.3	3	13	318	1.68	<2	<8	<2	2	88	<.2	<3	<3	21	1.33	.058	9	21	.38	33	.09	<3	.61	.08	.23	5	.43
A 202581	5	82	4	27	<.3	3	11	357	1.65	<2	<8	<2	2	76	.2	<3	<3	22	1.53	.058	7	20	.36	39	.08	<3	.58	.06	.23	12	.25
A 202582	5	124	<3	22	<.3	3	11	428	1.52	5	<8	<2	<2	151	<.2	<3	<3	11	2.34	.057	8	17	.26	149	.01	<3	.49	.05	.30	<2	.18
A 202583	21	133	<3	21	<.3	2	14	432	1.62	5	<8	<2	2	107	<.2	<3	<3	8	2.12	.055	10	16	.23	122	<.01	<3	.43	.05	.29	<2	.44
A 202584	4	134	<3	23	<.3	3	14	440	1.57	2	<8	<2	3	82	<.2	<3	<3	7	2.10	.055	11	16	.29	151	<.01	<3	.40	.05	.30	2	.26
A 202585	3	89	<3	23	<.3	2	13	516	1.96	7	<8	<2	2	91	.2	<3	<3	6	2.53	.056	5	15	.50	113	<.01	3	.42	.05	.31	<2	.25
A 202586	6	69	4	15	<.3	3	25	367	2.46	17	<8	<2	2	80	<.2	<3	<3	6	1.66	.057	5	20	.27	62	<.01	<3	.35	.05	.28	<2	.21
A 202587	2	43	6	23	<.3	3	9	468	1.73	2	<8	<2	2	82	<.2	<3	<3	11	1.88	.057	9	17	.28	113	.01	<3	.51	.06	.29	2	.12
A 202588	9	53	<3	25	<.3	3	10	383	1.98	3	<8	<2	2	69	<.2	<3	<3	13	1.59	.059	9	21	.30	83	.01	4	.52	.07	.24	3	.10
A 202589	13	69	8	22	<.3	3	10	377	1.85	6	<8	<2	2	110	<.2	<3	<3	13	1.76	.058	7	19	.34	68	.03	<3	.50	.06	.23	3	.76
A 202590	2	9	7	35	<.3	4	5	395	1.40	3	<8	<2	2	125	<.2	<3	<3	22	.67	.062	7	30	.41	39	.10	4	.88	.07	.27	2	.05
A 202591	1	3	5	32	<.3	3	5	390	1.38	2	<8	<2	<2	99	<.2	<3	<3	19	.83	.064	6	26	.41	41	.10	4	.78	.07	.31	<2	.04
A 202592	1	6	3	31	<.3	3	5	374	1.48	5	<8	<2	<2	85	<.2	<3	<3	21	.94	.065	6	26	.38	59	.09	3	.77	.08	.47	2	.03
RE A 202592	1	6	6	31	<.3	4	5	378	1.48	2	<8	<2	<2	87	<.2	<3	<3	20	.94	.064	6	26	.38	60	.10	<3	.79	.08	.47	<2	.04
RRE A 202592	2	6	7	32	<.3	3	5	399	1.56	4	<8	<2	<2	94	<.2	<3	<3	22	1.00	.068	7	30	.41	63	.11	<3	.85	.08	.49	<2	.04
A 202593	1	9	5	31	<.3	3	4	501	1.50	8	<8	<2	2	92	<.2	<3	<3	18	1.51	.067	7	29	.34	75	.09	3	.85	.08	.51	2	.04
A 202594	2	6	<3	24	<.3	2	4	504	1.34	2	<8	<2	2	106	<.2	<3	<3	12	2.10	.069	9	17	.21	100	.03	3	.70	.05	.48	2	.04
A 202595	1	8	5	19	<.3	3	7	595	1.54	<2	<8	<2	2	54	<.2	<3	<3	9	1.11	.070	13	17	.14	120	.01	3	.72	.05	.48	2	.06
A 202596	1	3	7	34	.4	3	55	820	2.14	2	10	<2	3	41	<.2	<3	<3	15	.30	.065	11	18	.23	114	.02	3	.89	.05	.40	<2	.07
A 202597	1	14	9	28	<.3	3	19	517	1.74	2	<8	<2	2	52	<.2	<3	<3	16	.68	.060	11	21	.20	133	.03	<3	.77	.06	.47	<2	.05
A 202598	2	6	9	40	<.3	2	7	594	1.76	<2	<8	<2	2	78	<.2	<3	<3	23	.78	.069	10	25	.33	95	.06	5	.89	.07	.45	<2	.15
A 202599	1	6	7	26	<.3	3	6	678	1.61	<2	<8	<2	3	46	<.2	<3	<3	15	.60	.070	12	20	.19	116	.02	3	.69	.06	.41	<2	.07
STANDARD DS3/AU-1	9	122	35	160	<.3	36	12	831	3.20	31	<8	<2	3	29	5.6	5	6	80	.56	.093	18	189	.61	141	.09	<3	1.71	.04	.17	6	3.40

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 30 2001 DATE REPORT MAILED: Nov 8/01 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	gm/mt	
A 202600	1	8	10	38	<.3	2	4	510	1.55	3	<8	<2	<2	83	.2	<3	<3	27	.54	.062	5	18	.39	60	.10	3	.78	.08	.37	<2	.12
A 202601	1	6	9	43	<.3	3	5	494	1.52	3	<8	<2	<2	118	.3	<3	<3	25	.74	.060	5	28	.43	33	.11	<3	.81	.09	.28	2	.05
A 202602	3	9	6	35	<.3	3	6	488	1.47	2	<8	<2	<2	85	.3	<3	<3	22	1.16	.060	5	19	.36	56	.09	<3	.71	.07	.45	<2	.07
A 202603	<1	10	9	34	.4	3	7	446	1.52	4	<8	<2	<2	83	.4	<3	<3	24	.99	.061	5	24	.39	47	.10	3	.73	.09	.39	2	.12
A 202604	1	5	5	37	<.3	2	5	471	1.50	3	<8	<2	<2	89	.2	<3	<3	24	.84	.062	6	18	.38	59	.09	<3	.76	.07	.34	2	.05
A 202605	<1	10	8	37	.4	3	4	548	1.50	3	<8	2	<2	86	.3	<3	<3	24	.94	.059	6	17	.33	77	.09	3	.82	.08	.54	2	.62
A 202606	2	7	11	32	.3	3	9	545	1.56	3	<8	<2	<2	86	.3	<3	<3	19	1.36	.060	5	16	.31	68	.09	<3	.70	.07	.51	4	.43
A 202607	<1	19	5	37	<.3	3	4	488	1.40	<2	<8	<2	<2	105	<.2	<3	<3	24	1.19	.061	5	19	.37	53	.10	4	.78	.08	.40	5	.27
A 202608	3	10	9	47	<.3	3	6	459	1.53	4	<8	<2	<2	98	.2	<3	<3	24	.83	.065	5	19	.40	40	.09	4	.76	.08	.28	2	.07
A 202609	1	11	8	32	<.3	3	4	435	1.42	4	<8	<2	<2	82	.2	<3	<3	20	.77	.065	6	20	.36	44	.08	3	.73	.07	.26	2	.07
A 202610	1	11	9	36	<.3	3	5	413	1.41	3	<8	<2	<2	105	.3	<3	<3	20	1.06	.064	5	19	.40	38	.10	<3	.76	.07	.28	3	.08
RE A 202610	1	10	9	35	<.3	2	4	404	1.39	3	<8	<2	<2	104	.3	<3	<3	22	1.04	.062	5	18	.40	37	.10	3	.75	.07	.28	2	.08
RRE A 202610	2	10	8	34	<.3	3	5	398	1.38	2	<8	<2	<2	105	.2	<3	<3	21	1.04	.061	5	19	.39	38	.09	3	.75	.08	.28	3	.06
A 202611	2	5	10	39	<.3	4	11	442	1.70	6	<8	<2	<2	107	.2	<3	<3	21	.55	.065	5	22	.41	32	.09	3	.78	.08	.17	<2	.11
A 202612	1	6	7	29	<.3	3	8	585	1.83	4	<8	<2	<2	87	<.2	<3	<3	23	.47	.064	5	18	.43	31	.07	4	.81	.08	.18	2	.09
A 202613	1	15	6	41	.3	3	6	484	1.58	4	<8	<2	<2	103	.2	<3	<3	23	.52	.063	5	16	.40	28	.08	<3	.78	.07	.16	<2	.06
A 202614	1	11	4	31	<.3	3	5	508	1.66	3	<8	<2	<2	85	.2	<3	<3	26	.58	.064	5	14	.39	38	.07	<3	.81	.08	.26	2	.06
A 202615	1	11	8	35	<.3	3	5	466	1.55	3	<8	<2	<2	97	.3	<3	<3	27	.98	.067	5	17	.38	74	.11	3	.86	.08	.62	6	.05
A 202616	<1	9	8	37	<.3	3	5	486	1.60	2	<8	<2	<2	112	.2	<3	<3	28	1.10	.064	5	22	.40	55	.11	<3	.87	.09	.48	2	.05
A 202617	1	5	4	36	<.3	3	6	410	1.54	3	<8	<2	<2	114	.3	<3	<3	26	.97	.067	4	23	.43	48	.12	<3	.85	.09	.46	2	.06
A 202618	1	11	5	35	<.3	4	10	458	1.68	3	<8	<2	<2	93	<.2	<3	<3	23	1.06	.067	5	21	.37	58	.10	<3	.79	.09	.44	2	.06
A 202619	2	2	10	44	<.3	3	8	430	1.58	4	<8	<2	<2	118	.2	<3	<3	22	.80	.067	5	25	.45	36	.11	3	.78	.08	.31	2	.02
A 202620	2	5	7	46	<.3	3	7	506	1.54	2	<8	<2	<2	119	.2	<3	<3	25	.99	.064	5	24	.42	44	.11	<3	.81	.08	.44	3	.19
A 202621	1	4	14	54	<.3	3	7	534	1.56	2	<8	<2	<2	129	.4	<3	<3	28	1.04	.067	5	24	.45	44	.12	<3	.85	.08	.41	2	.04
A 202622	1	5	10	44	<.3	3	7	604	1.62	<2	<8	<2	<2	107	.3	<3	<3	27	1.34	.062	5	23	.39	55	.10	<3	.82	.09	.42	2	.11
RE A 202622	1	5	8	42	<.3	3	7	574	1.54	2	<8	<2	<2	100	.3	<3	<3	25	1.27	.059	4	22	.37	51	.10	<3	.77	.08	.39	2	.11
RRE A 202622	<1	5	9	42	<.3	3	7	555	1.49	3	<8	<2	<2	95	.2	<3	<3	24	1.23	.058	4	18	.36	47	.09	<3	.72	.07	.37	3	.10
A 202643	1	12	7	34	<.3	10	7	453	1.65	<2	<8	<2	<2	150	.3	<3	<3	36	1.09	.101	12	29	.72	111	.11	<3	.89	.08	.39	2	.01
A 202644	1	20	4	22	<.3	3	3	455	1.38	<2	<8	<2	2	54	.2	<3	<3	22	.82	.057	7	12	.31	47	.05	<3	.60	.06	.26	<2	.05
A 202645	3	57	9	66	<.3	71	30	1131	5.17	4	<8	<2	7	674	.4	<3	4	136	4.50	.504	143	81	3.09	1157	.04	<3	1.89	.18	.89	<2	<.01
A 202646	2	26	8	38	<.3	23	13	671	2.66	<2	<8	<2	4	376	<.2	<3	<3	59	2.30	.310	58	34	1.26	605	.14	<3	1.10	.09	.55	2	.02
A 202647	1	11	5	21	<.3	2	3	486	1.13	<2	<8	<2	2	93	.2	<3	<3	14	2.08	.059	6	8	.21	76	.05	<3	.55	.06	.37	<2	.11
A 202648	2	4	6	28	<.3	3	3	395	1.23	<2	<8	<2	2	125	.2	<3	<3	20	1.47	.059	6	14	.32	55	.07	<3	.62	.07	.25	<2	.03
A 202649	1	2	4	9	<.3	1	3	482	.73	<2	<8	<2	2	106	<.2	<3	<3	6	2.55	.059	11	9	.10	98	<.01	<3	.39	.04	.35	<2	.05
STANDARD DS3/AU-1	10	130	37	158	.3	36	13	835	3.23	30	9	<2	4	31	5.9	4	4	89	.61	.096	18	189	.61	148	.10	<3	1.72	.04	.19	5	3.38

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	gm/mt	
A 202650	3	14	4	22	<.3	2	4	547	1.36	<2	<8	<2	2	151	.3	<3	<3	13	2.61	.069	10	11	.22	127	.02	3	.58	.07	.38	<2	.15
A 202651	1	17	4	9	<.3	1	3	555	.95	<2	<8	<2	2	132	.2	<3	<3	7	2.87	.067	11	5	.09	112	<.01	<3	.52	.05	.46	<2	.07
A 202652	1	6	3	10	<.3	1	5	514	1.01	<2	<8	<2	2	71	.2	<3	<3	7	1.46	.069	11	9	.09	114	<.01	3	.52	.05	.41	<2	.04
A 202653	1	9	11	29	<.3	4	3	447	1.43	<2	<8	<2	2	173	.3	<3	<3	23	1.32	.067	8	16	.40	67	.07	3	.81	.08	.23	<2	.21
A 202654	1	19	4	29	<.3	3	3	430	1.35	<2	<8	<2	2	129	<.2	<3	<3	21	.61	.070	8	13	.36	77	.08	4	.73	.07	.29	<2	.15
A 202655	1	19	6	36	<.3	20	10	717	2.30	<2	<8	<2	4	319	.2	<3	<3	46	1.75	.273	46	30	1.06	667	.11	<3	1.11	.10	.56	<2	.12
A 202656	1	3	3	13	<.3	1	4	566	.88	<2	<8	<2	<2	96	<.2	<3	<3	7	1.95	.066	10	8	.10	252	<.01	<3	.47	.05	.38	<2	.08
A 202657	1	16	5	27	<.3	3	4	526	1.46	<2	<8	<2	2	95	.2	<3	<3	16	1.51	.065	8	13	.27	75	.05	<3	.63	.07	.33	<2	.19
A 202658	1	22	9	35	<.3	2	4	490	1.59	2	<8	<2	<2	111	.2	<3	<3	20	1.41	.068	6	15	.41	42	.09	<3	.71	.07	.26	4	.15
A 202659	<1	18	8	36	<.3	3	4	457	1.58	<2	<8	<2	<2	115	.2	<3	<3	23	1.30	.068	6	23	.41	49	.10	<3	.75	.08	.34	6	.59
A 202660	2	19	6	26	.4	3	4	495	1.42	<2	<8	<2	<2	119	.2	<3	<3	15	2.17	.068	6	16	.25	80	.07	<3	.61	.05	.41	9	.56
RE A 202660	1	20	6	27	.5	2	4	504	1.45	2	<8	<2	2	121	<.2	<3	<3	17	2.22	.069	7	17	.26	81	.07	<3	.63	.06	.42	10	.35
RRE A 202660	1	19	5	27	.6	3	4	515	1.53	<2	<8	<2	2	123	.2	<3	3	17	2.27	.070	7	8	.27	91	.07	3	.71	.06	.47	11	.34
A 202661	2	20	10	27	<.3	3	3	427	1.96	4	<8	<2	2	101	.3	<3	<3	20	1.80	.069	8	6	.34	74	.09	<3	.68	.06	.40	16	.42
A 202662	1	20	9	52	<.3	5	4	432	1.77	3	<8	<2	2	129	.3	<3	<3	24	1.03	.071	8	28	.48	30	.11	4	.80	.08	.21	9	.33
A 202663	2	30	6	29	.4	2	4	437	1.73	3	<8	<2	2	91	.3	<3	<3	19	1.75	.069	8	15	.33	43	.05	<3	.66	.07	.30	5	.21
A 202664	1	25	9	33	<.3	4	3	456	1.47	3	<8	<2	<2	105	.3	<3	<3	25	1.25	.069	7	28	.43	33	.11	<3	.68	.09	.28	9	.12
A 202665	1	32	12	29	<.3	3	5	447	1.44	7	<8	<2	<2	108	.3	<3	<3	22	1.25	.065	6	22	.43	26	.09	3	.67	.07	.17	10	.23
A 202666	1	34	6	32	<.3	4	5	533	1.69	4	<8	<2	<2	143	.3	<3	<3	27	1.57	.070	7	24	.45	35	.10	<3	.80	.08	.18	3	.14
A 202667	1	31	3	29	<.3	3	5	551	1.54	2	<8	<2	2	136	.2	<3	<3	16	1.59	.072	9	14	.34	150	.02	3	.77	.06	.34	4	.10
A 202668	1	49	7	24	.3	3	6	468	1.51	2	<8	<2	2	106	.2	<3	<3	19	2.10	.069	10	22	.34	90	.04	4	.63	.08	.25	10	.18
STANDARD DS3/AU-1	10	129	37	156	<.3	35	13	818	3.16	30	<8	<2	4	31	5.9	6	6	83	.58	.098	19	188	.63	150	.09	4	1.69	.04	.18	6	3.34

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103907 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dardy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	1	13	<1	.4	1	<1	9	.04	<2	<8	<2	<2	2	<2	<3	<3	1	.10	<.001	<1	4	<.01	4	<.01	<3	.01	.45	<.01	<2	<.01
A 202623	2	9	14	36	.4	3	7	577	1.51	<2	<8	<2	2	112	<.2	<3	<3	20	1.17	.066	7	23	.35	79	.07	3	.97	.11	.31	2	.12
A 202624	1	7	13	38	.3	3	7	611	1.60	2	<8	<2	2	122	<.2	<3	<3	21	1.70	.065	6	23	.34	84	.08	5	.97	.13	.36	<2	.27
A 202625	1	4	8	26	.3	2	8	513	1.73	3	<8	<2	2	82	<.2	<3	<3	15	1.54	.065	6	17	.29	82	.06	6	.88	.14	.36	<2	.17
A 202626	1	5	10	36	<.3	3	6	601	1.70	4	<8	<2	2	123	<.2	<3	<3	20	1.22	.067	7	25	.44	65	.08	4	1.12	.19	.24	<2	.10
A 202627	2	6	7	41	<.3	2	4	558	1.52	5	<8	<2	2	112	.2	<3	<3	22	1.48	.067	5	21	.38	92	.09	6	1.11	.16	.45	3	.03
A 202628	1	8	10	30	<.3	4	5	510	1.50	4	<8	<2	2	132	<.2	<3	<3	16	2.06	.067	8	21	.30	215	.05	7	.96	.13	.46	<2	.02
A 202629	2	12	22	40	<.3	3	6	407	1.57	12	<8	<2	<2	103	.3	<3	<3	18	1.55	.066	5	23	.35	88	.07	3	1.05	.16	.40	4	.05
A 202630	2	7	12	40	<.3	3	5	449	1.48	3	<8	<2	2	134	.2	<3	<3	22	1.03	.065	6	28	.43	72	.10	4	1.14	.17	.35	3	.03
A 202631	2	11	14	46	<.3	3	6	545	1.59	3	<8	<2	2	127	.3	<3	<3	21	1.66	.068	7	23	.38	86	.09	<3	1.08	.13	.55	10	.05
A 202632	1	17	9	46	.4	3	6	563	1.37	6	<8	<2	2	131	.3	<3	<3	14	2.32	.068	6	17	.22	121	.06	4	.96	.11	.58	33	.18
A 202633	1	6	8	38	<.3	3	6	523	1.34	<2	<8	<2	2	138	<.2	<3	<3	19	1.50	.066	6	19	.30	91	.07	<3	.86	.10	.46	<2	.01
A 202634	1	14	5	36	<.3	4	4	519	1.44	3	<8	<2	2	120	<.2	<3	<3	20	1.34	.068	7	20	.34	97	.09	3	1.03	.13	.54	3	.03
RE A 202634	1	15	10	35	<.3	4	4	517	1.43	3	<8	<2	2	123	<.2	<3	<3	20	1.35	.068	7	20	.34	98	.09	4	1.07	.14	.55	4	.02
RRE A 202634	2	15	8	50	<.3	2	4	511	1.44	3	<8	<2	2	123	<.2	<3	<3	19	1.33	.069	6	21	.34	96	.09	3	1.06	.14	.54	<2	.03
A 202635	1	46	8	39	.3	4	3	543	1.52	2	<8	<2	2	105	<.2	<3	<3	19	1.17	.070	7	27	.38	89	.08	3	1.15	.17	.45	<2	.04
A 202636	2	12	11	51	<.3	3	4	563	1.70	4	<8	<2	<2	164	.2	<3	<3	22	.66	.069	6	28	.52	58	.08	6	1.28	.18	.22	<2	.04
A 202637	2	16	9	37	<.3	5	3	497	1.49	3	<8	<2	2	160	<.2	<3	<3	22	.77	.068	7	33	.42	60	.08	5	1.18	.18	.22	2	.10
A 202638	1	7	8	41	<.3	3	4	481	1.49	<2	<8	<2	2	187	<.2	<3	<3	24	.88	.069	7	32	.44	57	.09	3	1.20	.18	.21	<2	.01
A 202639	2	30	7	33	<.3	3	3	665	1.38	2	<8	<2	2	141	<.2	<3	<3	17	1.94	.067	7	21	.31	75	.04	3	.88	.10	.30	<2	.01
A 202640	1	21	5	14	<.3	2	4	709	1.14	<2	<8	<2	4	179	<.2	<3	<3	8	3.18	.067	11	14	.10	178	.01	3	.61	.08	.39	<2	.01
A 202641	2	6	3	7	<.3	1	4	585	1.12	<2	<8	<2	3	69	.2	<3	<3	8	.99	.068	15	9	.04	106	.01	4	.56	.04	.36	<2	.03
A 202642	1	4	3	11	<.3	2	8	561	1.14	<2	<8	<2	4	83	<.2	<3	<3	10	1.68	.068	14	5	.06	147	.01	3	.69	.07	.42	<2	.03
A 202669	2	42	9	31	<.3	3	5	451	1.75	8	9	<2	3	112	.3	<3	<3	24	1.32	.067	7	30	.44	50	.09	4	.95	.14	.24	18	.09
A 202670	4	97	6	24	<.3	4	10	500	1.61	<2	<8	<2	3	115	<.2	<3	<3	18	2.23	.066	10	22	.34	129	.05	3	.88	.12	.37	16	.07
A 202671	11	69	3	18	.3	3	13	446	1.68	<2	<8	<2	2	97	<.2	<3	<3	12	2.16	.066	5	7	.27	72	.07	5	.70	.11	.40	18	.08
A 202672	8	50	4	15	.3	3	11	427	1.65	<2	<8	<2	2	97	<.2	<3	<3	15	1.92	.066	6	7	.31	67	.08	5	.75	.13	.37	20	.11
RE A 202672	9	50	4	16	.3	3	11	425	1.64	<2	<8	<2	<2	96	<.2	<3	<3	15	1.92	.066	5	7	.31	65	.07	4	.74	.12	.36	19	.06
RRE A 202672	9	53	6	18	<.3	5	11	436	1.60	3	<8	<2	2	95	<.2	<3	<3	15	1.95	.068	6	27	.32	57	.08	3	.66	.09	.33	15	.08
A 202673	7	121	4	20	.3	5	10	437	1.43	<2	<8	<2	2	97	<.2	<3	<3	15	2.05	.066	7	25	.31	68	.08	3	.75	.11	.35	24	.13
A 202674	9	48	6	26	.3	3	5	393	1.57	2	<8	<2	2	117	<.2	<3	<3	20	1.40	.065	6	31	.41	46	.08	<3	.79	.11	.28	10	.05
A 202675	3	81	7	21	<.3	4	4	457	1.58	3	<8	<2	2	99	<.2	<3	<3	16	2.05	.065	8	22	.32	88	.05	3	.79	.10	.28	3	.06
A 202676	23	50	5	16	<.3	3	8	471	1.86	2	<8	<2	2	118	<.2	<3	<3	18	2.29	.062	6	30	.34	71	.07	6	.79	.12	.25	9	.08
A 202677	3	65	6	14	.4	3	5	558	2.17	3	<8	<2	3	140	<.2	<3	<3	15	3.14	.062	11	22	.27	106	.01	3	.80	.10	.33	<2	.19
STANDARD DS3/AU-1	10	131	35	161	<.3	35	12	832	3.26	33	<8	<2	4	29	5.7	5	5	82	.56	.098	19	182	.62	156	.09	3	1.81	.04	.18	3	3.33

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 5 2001 DATE REPORT MAILED: Nov 8/01 SIGNED BY: C. Leong TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202678	5	43	7	12	<.3	2	4	522	1.70	4	<8	<2	3	155	<.2	<3	3	13	3.40	.062	12	23	.20	101	<.01	4	.61	.07	.26	<2	.16
A 202679	6	89	7	13	.5	3	8	482	1.63	4	<8	<2	3	114	<.2	<3	<3	10	2.55	.061	14	25	.17	154	<.01	4	.72	.08	.37	<2	.11
A 202680	14	113	4	14	<.3	1	5	465	1.42	4	<8	<2	2	106	<.2	<3	<3	8	2.98	.063	11	6	.17	128	<.01	3	.60	.05	.30	<2	.24
A 202681	9	118	5	12	.3	2	11	501	1.62	4	<8	<2	3	107	<.2	<3	<3	9	3.24	.061	8	23	.18	99	<.01	3	.62	.06	.32	<2	.63
A 202682	3	95	6	24	<.3	4	9	495	1.62	4	<8	<2	2	106	<.2	<3	<3	17	2.23	.064	10	24	.29	165	.02	3	.82	.08	.34	2	.08
A 202683	11	183	6	25	<.3	3	14	539	2.59	4	<8	<2	3	101	<.2	<3	<3	21	2.36	.063	8	8	.36	77	.03	4	.76	.08	.31	40	.10
A 202684	8	156	4	20	<.3	2	5	497	1.72	3	<8	<2	2	109	<.2	<3	<3	14	2.57	.063	9	20	.28	130	.01	4	.79	.07	.33	7	.09
A 202685	4	65	4	24	<.3	3	8	477	1.60	3	<8	<2	2	106	<.2	<3	<3	16	2.25	.064	10	18	.32	114	.03	3	.79	.08	.30	3	.10
A 202686	9	103	4	26	<.3	3	11	371	1.94	3	<8	<2	2	89	<.2	<3	<3	22	1.21	.059	6	10	.38	43	.08	<3	.76	.08	.27	22	.19
A 202687	4	76	3	35	.4	2	4	460	1.55	3	<8	<2	2	115	.2	<3	<3	24	1.66	.065	6	22	.39	51	.07	<3	.87	.08	.28	2	.27
A 202688	11	66	4	30	<.3	3	5	443	1.70	6	<8	<2	2	122	.2	<3	<3	23	1.88	.064	7	22	.39	55	.06	<3	.93	.11	.25	4	.10
A 202689	10	149	4	24	<.3	2	5	422	1.52	4	<8	<2	2	107	.2	<3	<3	20	1.69	.065	6	10	.39	45	.07	<3	.80	.08	.24	5	.10
A 202690	7	119	5	25	.3	3	6	340	1.60	2	<8	<2	2	106	<.2	<3	<3	24	1.14	.065	5	27	.42	38	.08	<3	.79	.09	.25	9	.22
RE A 202690	7	119	3	26	.3	3	6	339	1.61	3	<8	<2	2	107	.2	<3	6	23	1.15	.065	6	28	.43	39	.08	3	.80	.09	.25	12	.19
RRE A 202690	6	119	4	25	.4	4	6	345	1.70	2	<8	<2	2	117	<.2	<3	4	25	1.20	.064	6	28	.43	45	.09	3	.86	.12	.28	17	.22
A 202691	10	166	4	23	.4	3	22	366	1.88	4	<8	<2	2	97	<.2	<3	<3	21	1.33	.066	6	9	.40	37	.08	3	.73	.08	.30	20	.16
A 202692	22	94	4	20	<.3	3	23	379	1.87	4	<8	<2	2	75	<.2	<3	<3	18	1.79	.061	5	23	.32	42	.05	<3	.61	.06	.31	24	.21
A 202693	4	100	4	22	<.3	5	19	315	1.62	5	<8	<2	2	100	<.2	<3	<3	20	1.38	.063	7	29	.39	36	.08	3	.75	.09	.26	3	.12
A 202694	21	158	4	17	.4	4	14	260	1.43	2	<8	<2	2	77	<.2	<3	<3	18	1.07	.057	5	10	.36	40	.07	5	.67	.09	.31	18	.12
A 202695	28	78	5	18	<.3	3	7	507	1.81	3	<8	<2	2	104	.2	<3	<3	17	2.74	.056	8	16	.29	69	.04	<3	.69	.07	.25	12	.15
A 202696	12	35	5	20	<.3	4	6	373	1.52	2	<8	<2	2	98	.2	<3	<3	18	1.85	.058	6	20	.31	68	.06	3	.72	.08	.26	3	.24
A 202697	17	50	<3	25	<.3	3	7	434	1.55	2	<8	<2	2	96	<.2	<3	<3	21	1.68	.062	8	8	.37	61	.04	3	.83	.08	.24	2	.05
A 202698	10	84	<3	24	<.3	3	7	328	1.52	3	<8	<2	2	91	.2	<3	<3	20	.83	.062	6	22	.39	42	.07	4	.80	.10	.20	2	.08
A 202699	9	51	5	26	<.3	4	7	321	1.31	5	<8	<2	2	120	<.2	<3	<3	19	.67	.061	6	25	.40	49	.08	<3	.82	.09	.21	2	.11
A 202700	6	38	6	28	<.3	3	5	331	1.12	3	<8	<2	2	133	<.2	<3	<3	19	.79	.062	6	22	.42	36	.08	<3	.82	.07	.20	<2	.03
A 202701	4	37	6	24	<.3	4	3	362	1.42	2	<8	<2	<2	108	<.2	<3	<3	17	1.31	.062	5	20	.38	36	.07	4	.78	.08	.22	3	.07
A 202702	20	101	3	23	<.3	3	6	397	1.42	<2	<8	<2	2	84	<.2	<3	<3	23	.85	.059	5	19	.37	48	.08	3	.77	.08	.31	<2	.04
RE A 202702	20	104	4	24	<.3	4	6	402	1.43	<2	<8	<2	2	87	<.2	<3	<3	23	.86	.060	5	19	.37	52	.08	5	.80	.09	.32	2	.05
RRE A 202702	18	105	4	24	<.3	4	6	412	1.44	2	<8	<2	2	90	<.2	<3	<3	23	.89	.061	5	23	.37	52	.08	3	.82	.09	.32	2	.05
A 202703	5	38	5	29	<.3	4	6	430	1.53	3	<8	<2	2	103	.2	<3	<3	25	1.21	.063	7	8	.39	42	.08	4	.86	.10	.22	3	.03
A 202704	4	50	3	30	<.3	4	4	398	1.40	4	<8	<2	2	127	.2	<3	<3	23	1.17	.064	6	24	.42	40	.10	3	.88	.09	.28	7	.02
A 202705	18	156	5	26	<.3	4	11	339	1.33	2	<8	<2	2	113	<.2	<3	<3	20	1.15	.059	7	23	.40	40	.10	3	.79	.10	.32	11	.08
A 202706	15	221	4	61	.5	5	6	343	1.42	3	<8	<2	3	115	<.2	3	<3	20	1.02	.063	6	10	.42	30	.09	<3	.77	.06	.23	2	.12
A 202707	15	185	3	28	.3	4	5	366	1.34	3	<8	<2	2	99	<.2	<3	3	20	1.26	.064	6	23	.38	45	.09	5	.79	.08	.33	2	.10
A 202708	9	144	<3	25	<.3	5	4	360	1.72	2	<8	<2	2	77	<.2	<3	<3	19	1.34	.063	8	19	.33	56	.06	5	.72	.09	.35	21	.26
STANDARD DS3/AU-1	10	129	38	160	.3	35	12	818	3.22	34	<8	<2	5	29	6.0	4	6	81	.55	.097	19	187	.61	151	.08	4	1.80	.04	.18	3	3.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202709	10	184	<3	24	<.3	3	10	382	1.44	5	<8	<2	2	90	<.2	<3	<3	17	1.05	.062	7	20	.34	46	.09	<3	.71	.08	.36	3	.17
A 202710	4	79	4	32	<.3	4	7	355	1.38	4	<8	<2	<2	120	<.2	<3	<3	22	.90	.062	6	24	.44	39	.10	3	.84	.09	.32	4	.08
A 202711	6	117	5	28	<.3	4	5	337	1.27	4	<8	<2	2	119	<.2	<3	<3	21	.94	.063	6	27	.44	36	.10	5	.84	.09	.31	<2	.09
A 202712	2	13	5	22	<.3	5	3	406	1.35	3	<8	<2	2	76	<.2	<3	<3	19	.53	.064	10	26	.35	63	.06	4	.87	.09	.32	<2	.01
A 202713	2	25	6	34	<.3	4	3	484	1.38	4	<8	<2	2	83	<.2	<3	<3	21	.46	.065	8	19	.37	57	.06	3	.79	.08	.26	<2	.05
A 202714	2	46	7	30	<.3	4	3	458	1.47	3	<8	<2	2	74	<.2	<3	<3	20	.39	.062	7	19	.33	67	.07	3	.78	.09	.23	2	.21
A 202715	2	54	6	26	.3	2	2	509	1.07	4	<8	<2	<2	109	.2	<3	<3	21	1.75	.063	7	18	.37	94	.06	4	.77	.11	.29	<2	.15
A 202716	2	47	11	26	.3	2	1	391	.87	3	<8	<2	<2	93	.3	<3	<3	23	1.29	.064	7	9	.40	46	.09	4	.70	.10	.27	<2	.16
A 202717	1	61	<3	20	<.3	3	3	501	1.09	4	<8	<2	2	89	<.2	<3	<3	15	1.76	.065	8	16	.26	70	.05	<3	.71	.09	.36	<2	.17
A 202718	1	15	3	14	<.3	2	6	523	1.16	2	<8	<2	2	92	.2	<3	<3	8	2.13	.063	8	10	.16	79	.02	3	.58	.06	.34	<2	1.30
A 202719	2	26	4	26	<.3	3	5	483	1.31	3	<8	<2	2	86	<.2	<3	3	16	1.13	.066	6	8	.30	65	.05	<3	.71	.07	.31	<2	.25
A 202720	1	43	<3	32	<.3	33	12	705	2.53	7	<8	<2	3	200	.4	<3	4	53	1.91	.222	38	57	1.27	227	.09	<3	1.22	.13	.39	<2	.20
A 202721	2	44	<3	13	.3	2	6	416	1.97	2	<8	<2	2	83	.2	<3	<3	11	1.93	.062	8	12	.20	67	.04	4	.56	.06	.36	17	.24
A 202722	2	44	6	20	.6	5	5	481	1.71	2	<8	<2	3	123	.2	<3	<3	20	1.46	.081	13	10	.36	105	.05	3	.73	.07	.32	2	.28
RE A 202722	1	41	5	19	.5	5	5	468	1.66	3	<8	<2	2	118	<.2	<3	<3	18	1.41	.078	13	9	.35	100	.05	4	.71	.07	.31	2	.27
RRE A 202722	2	45	5	19	.6	6	6	486	1.80	2	<8	<2	2	132	.4	<3	<3	21	1.45	.083	15	22	.38	119	.06	5	.79	.09	.34	2	.31
A 202723	3	87	7	9	4.1	4	28	254	4.53	2	<8	2	2	110	.4	<3	11	6	1.38	.056	7	17	.09	42	.01	<3	.38	.05	.27	2	2.43
A 202724	5	121	<3	4	1.5	4	66	233	4.89	8	<8	2	3	140	.4	4	9	4	1.59	.053	5	6	.06	37	.01	<3	.33	.05	.22	125	2.78
A 202725	3	160	<3	8	2.1	4	23	312	3.15	<2	<8	3	2	140	.4	<3	74	8	2.01	.059	13	19	.19	58	.01	3	.47	.06	.35	38	1.59
A 202726	2	41	4	18	.7	3	6	423	1.74	2	<8	2	2	99	<.2	<3	3	15	1.81	.061	7	17	.34	58	.04	3	.64	.07	.31	<2	1.81
A 202727	4	33	6	40	<.3	4	5	418	1.47	4	<8	<2	2	99	.2	<3	<3	24	.82	.066	7	9	.44	40	.08	<3	.79	.07	.22	3	.20
A 202728	14	31	3	24	.3	4	10	401	1.88	3	<8	<2	2	93	.2	<3	<3	24	1.42	.064	8	22	.39	45	.09	5	.76	.08	.35	<2	.31
A 202729	4	58	8	28	.3	4	5	478	1.55	5	<8	<2	3	112	<.2	<3	<3	26	1.18	.083	12	20	.47	107	.09	3	.83	.09	.36	2	.10
A 202730	1	67	6	66	<.3	62	29	1049	5.77	2	<8	<2	9	750	1.1	<3	<3	153	4.94	.592	163	64	3.44	983	.04	<3	1.89	.22	.57	<2	.01
A 202731	2	316	5	22	.8	4	6	512	1.65	3	<8	<2	3	61	.2	<3	<3	22	.42	.070	11	17	.33	95	.06	3	.80	.09	.29	<2	.22
A 202732	2	53	7	29	.3	3	4	386	1.33	4	<8	<2	2	121	.2	<3	<3	22	.94	.064	7	23	.43	33	.09	4	.83	.08	.23	<2	.06
A 202733	4	57	6	32	<.3	5	4	455	1.47	3	<8	<2	2	123	.2	<3	<3	26	.89	.064	6	22	.45	34	.09	<3	.90	.09	.15	<2	.07
A 202734	10	52	7	28	<.3	2	3	453	1.29	2	<8	<2	2	175	.2	<3	<3	17	1.40	.060	6	19	.37	69	.05	4	.80	.09	.20	<2	.03
RE A 202734	10	53	5	28	<.3	3	3	464	1.30	3	<8	<2	2	178	<.2	<3	<3	19	1.44	.062	6	19	.38	69	.05	4	.79	.08	.20	<2	.03
RRE A 202734	10	54	5	27	<.3	3	3	488	1.37	3	<8	<2	2	194	.3	<3	<3	18	1.52	.062	6	21	.39	71	.06	3	.83	.08	.20	<2	.03
A 202735	9	29	5	15	<.3	2	3	626	1.34	2	<8	<2	2	248	.2	<3	<3	6	3.40	.062	5	12	.15	103	<.01	4	.51	.06	.36	<2	.03
A 202736	45	22	5	26	<.3	3	2	442	1.36	4	<8	<2	2	132	.2	<3	<3	20	1.56	.063	6	19	.33	48	.06	<3	.79	.08	.29	<2	.04
A 202737	2	10	5	23	<.3	4	3	528	1.40	2	<8	<2	2	130	<.2	<3	<3	17	1.95	.061	5	19	.33	61	.07	<3	.78	.07	.33	2	.07
A 202738	2	19	6	27	.9	4	3	481	1.64	3	<8	<2	2	113	.2	<3	<3	24	1.50	.064	6	20	.37	81	.07	3	.87	.09	.30	2	.24
A 202739	2	29	7	26	<.3	3	3	441	1.51	4	<8	<2	2	118	.2	<3	<3	26	1.45	.066	7	22	.41	49	.08	5	.81	.07	.29	15	.14
STANDARD DS3/AU-1	10	126	36	157	<.3	36	12	807	3.15	32	<8	<2	4	28	5.6	7	5	80	.55	.094	18	188	.60	150	.08	<3	1.75	.04	.17	3	3.39

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103931 Page 1
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	gm/mt
SI	<1	1	<3	1	<.3	1	<1	4	.01	<2	<8	<2	<2	2	.2	<3	<3	<1	.08	<.001	<1	1	<.01	<1	<.01	<3	<.01	.41	.01	<2	<.01
A 202740	3	11	7	25	<.3	4	3	452	1.43	3	<8	<2	2	117	.3	<3	<3	21	1.74	.056	6	8	.33	48	.07	<3	.72	.07	.27	2	.10
A 202741	2	10	7	29	<.3	4	2	442	1.41	3	<8	<2	2	141	.2	<3	<3	25	1.46	.057	6	10	.37	46	.08	<3	.84	.08	.28	2	.05
A 202742	2	91	4	25	.6	4	2	430	1.38	2	<8	<2	2	113	.2	<3	<3	20	1.68	.056	5	9	.35	38	.07	<3	.69	.06	.25	3	.21
A 202743	2	67	<3	22	1.2	4	5	406	1.62	5	<8	<2	2	94	.2	<3	<3	19	1.63	.057	5	11	.36	39	.08	3	.67	.07	.29	6	.74
A 202744	3	55	4	11	.7	3	8	565	1.35	4	<8	<2	<2	142	.3	<3	<3	8	2.89	.040	3	11	.22	31	.03	<3	.40	.05	.18	3	.40
A 202745	3	36	6	16	1.1	4	7	364	1.41	3	<8	<2	2	126	.3	<3	<3	12	1.84	.051	6	13	.26	39	.03	<3	.47	.06	.20	3	.51
A 202746	2	18	7	17	.4	4	18	447	2.07	4	<8	<2	2	137	.3	<3	3	7	2.30	.053	7	8	.24	77	<.01	<3	.34	.06	.18	2	.30
A 202747	2	34	7	25	.4	3	4	407	1.55	4	<8	<2	2	121	.2	<3	<3	26	1.24	.059	6	13	.41	37	.08	<3	.79	.07	.23	2	.93
A 202748	2	27	6	22	.4	3	4	519	1.51	3	<8	<2	2	155	.3	<3	<3	19	2.17	.058	7	8	.31	69	.04	<3	.68	.07	.28	2	.09
A 202749	2	179	3	26	.6	4	6	648	2.17	7	<8	<2	2	236	.5	<3	<3	17	2.80	.052	7	8	.49	73	.02	<3	.95	.06	.27	4	.71
A 202750	1	23	5	14	<.3	3	4	539	1.13	2	<8	<2	3	187	.3	<3	<3	14	2.45	.061	7	8	.25	56	.03	<3	.57	.07	.24	<2	.06
RE A 202750	2	23	4	15	<.3	3	3	526	1.11	4	<8	<2	3	184	.2	<3	<3	14	2.41	.060	8	7	.25	58	.03	<3	.56	.08	.24	<2	.05
RRE A 202750	2	23	4	13	<.3	3	3	533	1.10	4	<8	<2	2	187	<.2	<3	<3	14	2.45	.060	7	8	.25	57	.03	<3	.57	.07	.24	2	.04
A 202751	2	21	4	19	.3	4	7	586	1.53	5	<8	<2	3	149	.2	<3	<3	15	2.63	.060	7	8	.24	74	.03	<3	.60	.06	.34	2	.21
A 202752	3	20	8	13	1.1	4	8	491	1.50	11	<8	<2	3	27	<.2	<3	<3	9	.59	.053	11	12	.19	77	.01	<3	.55	.05	.24	2	.37
A 202753	3	72	3	74	<.3	58	30	1048	6.24	14	<8	<2	9	1009	.8	3	<3	155	5.19	.697	174	72	3.16	1767	.04	<3	1.87	.15	1.02	<2	.01
A 202754	1	19	5	23	<.3	4	3	601	1.43	6	<8	<2	4	65	.3	<3	<3	17	.98	.066	14	7	.34	86	.02	3	.79	.07	.27	7	.03
A 202755	2	16	4	24	<.3	4	3	490	1.73	6	<8	<2	3	131	.2	<3	<3	30	.87	.073	8	11	.46	64	.08	<3	.96	.09	.20	4	.07
A 202756	1	17	6	17	.3	2	2	477	1.50	5	<8	<2	2	126	.2	<3	<3	20	1.90	.062	8	8	.34	70	.03	<3	.70	.08	.21	<2	.11
A 202757	1	29	7	19	<.3	10	5	499	1.52	3	<8	<2	4	227	.2	<3	<3	24	2.53	.135	21	10	.50	224	.05	<3	.83	.16	.30	<2	.08
A 202758	2	16	7	15	<.3	3	2	530	1.17	3	<8	<2	3	126	.2	<3	<3	11	3.29	.063	12	6	.18	129	<.01	3	.53	.05	.29	<2	.03
A 202759	2	19	13	17	.3	3	21	543	1.90	3	<8	<2	2	149	.5	<3	<3	12	4.68	.059	9	8	.21	105	.02	4	.57	.05	.25	<2	.13
A 202760	1	13	13	21	<.3	1	4	582	1.25	4	<8	<2	3	87	.3	<3	<3	11	4.69	.061	11	4	.14	83	<.01	4	.62	.04	.31	<2	.05
A 202761	1	11	7	19	<.3	2	5	505	1.26	5	<8	<2	3	45	.3	<3	<3	8	2.59	.063	15	5	.10	71	.01	5	.57	.04	.30	<2	.08
A 202762	2	10	5	16	<.3	3	2	535	1.58	4	<8	<2	4	21	.5	<3	3	7	.35	.074	14	5	.12	120	.01	<3	.71	.06	.28	2	.03
RE A 202762	2	9	<3	17	<.3	3	2	527	1.55	7	<8	<2	3	21	.3	<3	<3	7	.34	.071	13	5	.12	116	<.01	<3	.70	.05	.27	2	.03
RRE A 202762	1	10	5	18	<.3	3	2	547	1.52	3	<8	<2	4	21	.2	<3	<3	8	.35	.072	14	5	.12	119	<.01	<3	.70	.07	.27	<2	.02
A 202763	1	14	5	17	<.3	2	1	636	1.13	<2	<8	<2	3	51	.3	<3	<3	5	1.89	.074	13	5	.18	107	<.01	<3	.72	.07	.24	2	.02
A 202764	1	63	15	12	.7	3	2	679	1.18	3	<8	<2	4	99	.4	<3	<3	10	5.15	.068	13	3	.12	167	.01	<3	.57	.05	.26	3	.02
A 202765	1	71	7	14	.3	3	1	548	1.07	3	<8	<2	4	89	.4	<3	<3	9	2.57	.071	13	5	.13	114	<.01	<3	.55	.06	.27	<2	.02
A 202766	2	18	5	13	.3	3	5	493	1.31	<2	<8	<2	2	162	<.2	<3	<3	15	2.54	.061	8	8	.29	143	.03	<3	.57	.05	.28	<2	.06
A 202767	3	32	5	12	.3	3	10	504	1.81	<2	<8	<2	3	216	<.2	<3	<3	13	2.39	.059	8	11	.30	78	.03	<3	.50	.07	.25	2	.08
A 202768	2	24	6	15	.3	3	4	464	1.54	3	<8	<2	3	140	<.2	<3	<3	16	1.87	.060	8	6	.25	71	.03	<3	.63	.06	.28	<2	.04
STANDARD DS3/AU-1	10	120	35	152	<.3	36	12	796	3.11	33	<8	<2	4	27	6.0	6	5	78	.54	.092	19	189	.59	144	.08	<3	1.73	.04	.16	2	3.34

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 6 2001 DATE REPORT MAILED: Nov 14/01 SIGNED BY: *C. L.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	gm/mt
A 202769	2	27	3	16	<.3	3	5	635	1.47	<2	<8	<2	2	278	.3	<3	<3	14	3.03	.060	7	17	.34	66	.02	4	.63	.08	.27	<2	.03
A 202770	2	53	5	21	<.3	2	5	397	1.30	4	<8	<2	2	127	.2	<3	<3	25	1.21	.062	7	29	.38	39	.08	5	.77	.09	.18	<2	.07
A 202771	2	20	7	26	<.3	3	3	430	1.28	5	<8	<2	2	166	.2	<3	<3	23	1.28	.065	8	34	.37	57	.09	5	.88	.09	.15	<2	.02
A 202772	5	101	3	20	<.3	4	5	359	1.37	4	<8	<2	2	152	<.2	<3	<3	24	1.08	.063	7	37	.41	38	.09	<3	.83	.10	.14	<2	.07
A 202773	4	84	3	22	.3	2	7	466	1.64	4	<8	<2	3	119	<.2	<3	<3	20	1.85	.062	10	28	.38	74	.05	4	.74	.07	.29	<2	.09
A 202774	10	85	4	16	.3	4	3	513	1.50	4	<8	<2	2	144	.2	<3	<3	17	2.63	.062	12	24	.31	81	.02	3	.62	.07	.25	<2	.09
A 202775	14	289	6	18	.5	3	3	333	1.40	4	<8	<2	2	146	<.2	<3	<3	22	1.06	.062	6	31	.40	46	.08	<3	.76	.08	.13	<2	.17
A 202776	4	134	5	20	.6	5	7	385	1.76	4	<8	<2	2	107	<.2	<3	<3	26	1.63	.061	7	31	.42	55	.08	4	.72	.09	.18	<2	.26
A 202777	33	83	4	22	.4	2	4	404	1.46	2	<8	<2	3	139	.2	<3	<3	24	1.55	.062	8	29	.39	78	.07	4	.79	.09	.18	<2	.12
A 202778	17	15	<3	18	<.3	4	2	315	1.29	2	<8	<2	2	158	.2	<3	<3	23	1.26	.062	8	33	.33	59	.09	4	.77	.10	.16	<2	.05
A 202779	6	39	5	15	.3	2	3	257	1.50	<2	<8	<2	2	117	<.2	<3	<3	21	1.21	.061	7	32	.28	32	.09	<3	.61	.09	.13	<2	.10
A 202780	3	15	3	17	<.3	5	2	307	1.53	2	<8	<2	2	158	<.2	<3	<3	26	1.17	.063	8	34	.28	39	.09	<3	.73	.10	.14	<2	1.20
RE A 202780	3	14	4	18	<.3	4	2	304	1.48	2	<8	<2	2	151	.2	<3	<3	24	1.10	.060	7	32	.27	34	.10	4	.69	.09	.14	<2	1.59
RRE A 202780	4	14	3	17	<.3	2	2	296	1.49	<2	<8	<2	2	155	<.2	<3	<3	25	1.15	.063	7	35	.28	34	.10	3	.71	.09	.13	<2	1.16
A 202781	5	25	4	18	<.3	6	2	305	1.60	3	<8	<2	2	161	<.2	<3	<3	24	1.12	.066	7	36	.30	34	.09	<3	.77	.10	.15	<2	.06
A 202782	3	41	5	23	.6	3	3	461	1.77	2	<8	<2	2	129	.2	<3	<3	24	1.64	.063	8	30	.40	49	.05	<3	.80	.08	.22	<2	.37
A 202783	4	34	5	19	.3	3	4	471	1.94	3	<8	<2	3	109	<.2	<3	<3	23	2.29	.061	8	29	.34	59	.05	<3	.71	.08	.24	<2	.16
A 202784	3	32	4	19	.4	1	2	430	1.74	3	<8	<2	2	99	<.2	<3	<3	22	1.97	.062	8	25	.34	55	.06	<3	.66	.08	.23	2	.28
A 202785	2	19	3	19	.3	4	3	458	1.71	3	<8	<2	2	114	.2	<3	<3	19	2.16	.061	8	27	.32	64	.05	3	.72	.08	.29	<2	.25
A 202786	3	28	3	13	.6	2	5	628	1.54	2	<8	<2	3	140	.2	<3	<3	9	4.25	.061	9	17	.15	109	.01	5	.51	.06	.30	<2	.58
A 202787	3	91	5	15	.6	5	19	371	2.24	2	<8	<2	2	120	<.2	<3	3	22	2.28	.059	14	33	.31	52	.04	5	.69	.09	.27	<2	.59
A 202788	4	85	5	21	.3	3	14	376	1.98	4	<8	<2	2	132	<.2	<3	<3	26	1.65	.060	8	31	.41	36	.08	4	.79	.09	.22	<2	.28
A 202789	6	52	<3	22	.4	4	11	364	1.96	3	<8	<2	<2	101	.2	<3	<3	28	1.41	.060	7	36	.41	36	.10	<3	.76	.10	.25	<2	.29
A 202790	5	45	3	22	.5	3	9	367	1.87	3	<8	<2	2	118	<.2	<3	<3	28	1.40	.062	7	36	.43	33	.11	<3	.78	.10	.26	<2	.26
A 202791	17	209	3	18	.3	5	5	332	1.64	6	<8	<2	2	127	.2	<3	<3	26	1.30	.061	7	34	.37	29	.09	5	.72	.09	.17	<2	.16
A 202792	6	22	<3	17	.3	2	2	351	1.77	5	<8	<2	3	109	.2	<3	<3	33	1.79	.064	7	28	.40	65	.09	4	.71	.09	.20	<2	.13
RE A 202792	6	21	4	17	<.3	3	2	351	1.71	3	<8	<2	2	104	.2	<3	<3	31	1.73	.062	6	26	.39	64	.08	<3	.71	.09	.19	<2	.11
RRE A 202792	5	22	<3	17	<.3	4	2	342	1.74	3	<8	<2	2	104	.3	<3	<3	31	1.66	.060	7	30	.39	63	.08	3	.71	.09	.19	<2	.13
A 202793	8	56	<3	18	.4	2	3	349	1.45	2	<8	<2	2	104	<.2	<3	<3	24	1.88	.062	6	23	.31	43	.06	<3	.71	.07	.34	<2	.16
A 202794	4	42	3	26	<.3	4	3	452	1.83	4	<8	<2	<2	111	<.2	<3	<3	34	1.59	.062	7	29	.42	41	.08	<3	.77	.09	.25	<2	.11
A 202795	1	49	<3	63	.8	83	30	988	5.57	4	<8	<2	7	929	<.2	<3	<3	144	5.66	.668	135	92	3.51	2108	.03	3	2.05	.12	1.08	<2	.03
A 202796	8	89	<3	21	<.3	4	5	459	1.57	4	<8	<2	2	120	.2	<3	<3	27	2.29	.064	9	27	.39	48	.08	<3	.71	.08	.23	3	.11
A 202797	14	122	<3	21	<.3	3	4	402	1.65	5	<8	<2	2	115	<.2	<3	<3	26	1.91	.066	8	32	.39	55	.10	<3	.77	.09	.39	<2	.26
A 202798	26	130	3	17	.3	3	3	451	1.67	3	<8	<2	<2	107	.2	<3	<3	19	2.59	.062	6	28	.29	63	.06	<3	.64	.08	.37	2	.37
STANDARD DS3/AU-1	10	126	32	160	.3	36	12	819	3.19	33	11	<2	4	29	5.8	6	6	80	.54	.094	18	190	.60	154	.09	<3	1.77	.04	.18	3	3.38

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	%	ppm	gm/mt
A 202799	9	62	<3	9	.5	3	3	430	1.43	3	<8	<2	2	112	<.2	<3	<3	11	3.00	.058	5	25	.17	88	.01	<3	.66	.10	.36	<2	.24	
A 202800	13	74	<3	9	1.6	2	3	380	1.52	2	<8	<2	2	77	<.2	<3	<3	6	2.28	.062	5	19	.12	163	<.01	3	.54	.08	.28	<2	.15	
A 202801	3	69	20	22	.6	4	6	187	4.01	7	<8	<2	3	16	<.2	<3	3	9	.16	.060	5	31	.22	116	.01	3	.61	.05	.23	3	.52	
A 202802	8	23	9	8	.5	4	10	117	6.21	11	<8	<2	2	19	<.2	<3	7	13	.19	.059	5	36	.14	46	.04	3	.47	.07	.24	10	.20	
A 202803	20	19	9	12	<.3	4	3	160	2.84	4	<8	<2	3	20	<.2	<3	<3	10	.18	.062	7	30	.14	64	.01	3	.59	.09	.26	2	.08	
A 202804	7	28	6	18	.5	5	8	245	3.65	9	<8	<2	3	30	.3	<3	<3	13	.61	.064	8	34	.24	65	.02	3	.64	.10	.32	10	.21	
A 202805	11	13	<3	9	<.3	5	4	208	1.91	<2	<8	<2	3	44	<.2	<3	<3	8	1.10	.057	7	32	.16	81	.01	<3	.49	.08	.25	6	.08	
A 202806	7	8	<3	11	<.3	3	5	191	1.53	3	<8	<2	3	41	<.2	<3	<3	9	1.09	.050	4	39	.17	63	.02	<3	.51	.10	.24	10	.03	
A 202807	3	13	5	11	.3	5	4	213	1.71	2	<8	<2	2	70	<.2	<3	<3	12	1.23	.052	5	38	.19	80	.05	<3	.60	.13	.21	8	.04	
A 202808	5	13	4	14	.3	3	4	186	1.76	4	<8	<2	2	66	<.2	<3	<3	11	1.01	.054	6	40	.22	47	.06	<3	.57	.13	.21	5	.06	
RE A 202808	5	13	5	14	<.3	3	4	185	1.73	3	<8	<2	3	62	<.2	<3	<3	12	.99	.053	5	36	.22	40	.06	3	.50	.09	.18	4	.06	
RRE A 202808	4	15	5	14	<.3	5	4	191	1.72	2	<8	<2	2	66	<.2	<3	<3	12	.99	.052	6	40	.21	45	.06	3	.55	.12	.20	5	.05	
A 202809	6	11	<3	12	<.3	3	4	176	1.58	2	<8	<2	2	67	<.2	<3	<3	11	.91	.052	5	39	.21	59	.06	<3	.57	.10	.19	3	.03	
A 202810	3	9	6	17	<.3	6	4	210	1.71	3	<8	<2	3	64	<.2	<3	<3	14	1.10	.054	6	42	.18	52	.06	<3	.56	.12	.22	5	.03	
A 202811	4	9	5	18	<.3	3	4	221	1.48	3	<8	<2	<2	61	<.2	<3	<3	13	.94	.052	5	37	.27	46	.05	<3	.59	.10	.20	11	.03	
A 202812	31	22	6	18	<.3	5	4	198	1.83	3	<8	<2	2	58	<.2	<3	<3	14	.86	.054	5	44	.27	55	.06	<3	.67	.13	.28	21	.03	
A 202813	30	11	9	19	<.3	3	4	187	1.62	5	<8	<2	2	74	<.2	<3	<3	14	.84	.055	5	42	.26	55	.07	4	.69	.13	.21	4	.03	
A 202814	3	15	7	18	<.3	4	4	237	1.53	4	<8	<2	2	62	<.2	<3	<3	12	1.18	.053	5	37	.23	79	.05	3	.67	.13	.23	2	.05	
A 202815	2	16	6	19	<.3	3	3	234	1.28	4	<8	<2	2	56	<.2	<3	<3	12	1.25	.053	4	29	.29	52	.05	<3	.64	.11	.21	2	.04	
A 202816	3	9	5	11	<.3	3	3	243	1.19	4	<8	<2	3	47	<.2	<3	<3	11	1.57	.051	5	27	.15	64	.04	<3	.56	.11	.26	4	.03	
A 202817	3	7	4	14	<.3	2	4	286	1.19	4	<8	<2	2	63	.2	<3	<3	11	1.56	.055	6	33	.23	68	.03	<3	.57	.09	.22	2	.04	
A 202818	2	8	4	15	.3	5	4	312	1.25	6	<8	<2	2	73	<.2	<3	<3	13	1.64	.052	6	33	.24	78	.05	3	.66	.11	.25	2	.04	
A 202819	6	16	4	15	<.3	3	4	234	1.38	5	<8	<2	2	55	<.2	<3	<3	13	1.30	.054	5	32	.20	59	.04	<3	.52	.09	.22	<2	.05	
A 202820	16	22	9	18	<.3	4	4	298	1.84	5	<8	<2	2	68	<.2	<3	<3	13	1.52	.056	5	34	.23	66	.04	<3	.70	.12	.27	2	.06	
A 202821	3	16	4	22	<.3	3	4	280	1.71	6	<8	<2	2	80	<.2	<3	<3	16	1.09	.057	4	40	.33	62	.07	<3	.82	.16	.29	2	.03	
A 202822	2	16	5	20	<.3	4	5	409	1.51	7	<8	<2	2	94	.2	<3	<3	13	2.27	.053	4	32	.29	65	.05	3	.78	.14	.27	2	.07	
RE A 202822	2	15	3	18	<.3	4	5	394	1.45	6	<8	<2	<2	88	<.2	<3	<3	12	2.18	.052	5	31	.28	58	.04	<3	.71	.12	.24	2	.11	
RRE A 202822	3	15	4	18	<.3	2	5	394	1.43	6	<8	<2	<2	88	<.2	<3	<3	12	2.22	.052	5	31	.28	55	.04	<3	.68	.11	.23	<2	.06	
A 202823	2	12	6	23	<.3	5	4	268	1.41	8	<8	<2	2	79	.2	<3	<3	18	.98	.055	5	41	.35	61	.06	<3	.82	.16	.24	6	.04	
A 202824	7	11	10	22	<.3	3	6	300	2.07	10	<8	<2	<2	58	<.2	<3	<3	17	1.10	.058	5	41	.34	54	.05	3	.74	.12	.25	5	.05	
A 202825	2	7	4	20	<.3	5	6	342	1.90	5	<8	<2	<2	68	<.2	<3	<3	16	1.14	.056	4	42	.32	63	.06	<3	.82	.15	.31	2	.04	
A 202826	2	6	4	21	<.3	3	6	275	2.03	6	<8	<2	2	69	<.2	<3	<3	16	1.09	.057	5	41	.30	52	.06	3	.71	.12	.22	2	.03	
A 202827	2	5	4	25	<.3	5	4	384	1.73	4	<8	<2	<2	91	<.2	<3	3	14	1.54	.059	5	36	.30	100	.04	<3	.85	.13	.28	2	.03	
A 202828	2	5	3	24	<.3	2	4	478	1.74	3	<8	<2	2	117	<.2	<3	<3	15	2.22	.056	6	34	.26	90	.03	<3	.77	.09	.39	2	.06	
STANDARD DS3/AU-1	9	123	34	153	<.3	35	11	743	2.93	33	<8	<2	4	24	5.5	6	6	71	.52	.088	15	179	.55	153	.06	3	1.71	.03	.14	4	3.38	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#

Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt	
A 202829	5	23	7	16	<.3	4	5	356	1.64	3	<8	<2	2	120	<.2	<3	<3	8	2.09	.053	7	31	.21	121	<.01	3	.56	.07	.32	2	.05
A 202830	3	16	4	15	<.3	2	4	232	1.81	6	<8	<2	2	80	<.2	<3	<3	10	1.25	.055	7	31	.23	102	.03	<3	.56	.09	.35	2	.07
A 202831	1	19	10	22	<.3	4	6	257	2.26	6	<8	<2	2	63	<.2	<3	<3	16	1.01	.058	5	40	.33	53	.07	<3	.69	.13	.31	2	.06
A 202832	3	63	6	24	<.3	3	3	193	1.99	9	<8	<2	2	49	.2	<3	<3	15	.67	.057	6	42	.32	41	.07	3	.59	.11	.26	3	.38
A 202833	2	32	7	25	<.3	5	4	246	1.99	8	<8	<2	2	71	<.2	<3	4	18	.76	.056	6	44	.33	46	.08	<3	.69	.13	.24	2	.28
A 202872	38	140	3	17	<.3	3	4	368	1.62	2	<8	<2	2	107	<.2	<3	<3	24	1.89	.062	6	27	.34	102	.05	3	.74	.13	.24	<2	.14
A 202873	18	80	3	21	<.3	4	2	295	1.46	6	<8	<2	2	107	<.2	<3	4	26	1.29	.061	6	30	.41	50	.09	<3	.87	.15	.28	2	.13
RE A 202873	19	82	<3	21	<.3	4	3	301	1.50	3	<8	<2	2	108	<.2	<3	<3	25	1.31	.062	6	30	.42	48	.08	3	.87	.16	.27	4	.14
RRE A 202873	19	81	4	21	<.3	3	2	309	1.48	2	<8	<2	2	100	<.2	<3	<3	25	1.29	.063	5	30	.42	41	.07	<3	.80	.13	.24	<2	.12
A 202874	11	1818	5	11	5.3	9	18	395	3.30	2	<8	4	2	102	.5	<3	3	21	2.29	.056	5	46	.30	35	.06	<3	.59	.13	.29	17	3.36
A 202875	92	301	7	18	.5	3	5	265	1.34	3	<8	<2	2	88	<.2	<3	<3	28	1.18	.062	5	32	.41	30	.09	<3	.72	.13	.25	2	.19
A 202876	19	71	6	19	.4	5	4	294	1.49	5	<8	<2	2	108	.2	<3	3	24	1.32	.060	5	33	.40	34	.08	<3	.77	.16	.21	<2	.13
STANDARD DS3/AU-1	10	122	34	150	<.3	37	10	783	3.10	31	<8	<2	4	26	5.6	4	5	75	.51	.090	16	183	.58	145	.08	<3	1.64	.03	.16	3	3.34

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A103952 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	gm/mt
ST	<1	<1	<3	<1	<3	<1	<1	<2	<0.1	<2	<8	<2	<2	3	<2	<3	<3	<1	.11	<.001	<1	5	<.01	3	<.01	<3	.01	.57	.01	<2	<.01
A 202834	2	3	3	11	<.3	3	3	251	1.84	4	<8	<2	<2	53	<.2	<3	3	16	.94	.054	6	28	.28	44	.08	<3	.57	.11	.30	<2	<.07
A 202835	3	3	<3	9	<.3	2	4	255	1.73	4	<8	<2	<2	54	<.2	<3	<3	15	.86	.052	5	21	.29	43	.08	<3	.60	.11	.32	13	.04
A 202836	2	3	6	15	<.3	3	5	391	1.81	2	<8	<2	<2	74	<.2	<3	3	16	1.49	.051	5	30	.29	41	.07	<3	.67	.11	.29	11	.10
A 202837	2	3	7	32	<.3	3	3	431	1.38	<2	<8	<2	<2	116	<.2	<3	<3	17	.85	.056	4	12	.39	41	.09	<3	.82	.13	.20	2	.11
A 202838	2	2	6	19	<.3	3	4	459	1.44	3	<8	<2	<2	104	<.2	<3	<3	18	1.26	.055	5	8	.37	77	.07	<3	.81	.12	.22	3	.15
A 202839	2	<1	<3	14	<.3	2	6	427	1.88	4	<8	<2	2	103	<.2	<3	<3	16	1.75	.055	8	21	.26	62	.02	<3	.71	.09	.30	4	.08
A 202840	2	2	7	20	<.3	3	4	463	1.73	5	<8	<2	<2	109	<.2	<3	<3	16	1.84	.053	6	26	.31	51	.05	<3	.73	.11	.24	7	.10
A 202841	2	<1	<3	11	<.3	3	5	536	1.58	6	<8	<2	<2	124	<.2	<3	<3	13	2.11	.056	5	19	.27	52	.03	<3	.73	.09	.26	2	.09
A 202842	2	3	4	21	<.3	4	4	373	1.68	6	<8	<2	<2	82	<.2	<3	<3	17	1.12	.055	5	29	.34	38	.07	<3	.67	.11	.21	2	.09
A 202843	3	56	4	30	<.3	4	7	530	2.13	13	<8	<2	<2	71	<.2	<3	<3	29	1.86	.090	4	19	.62	50	.09	<3	.95	.09	.50	3	.85
A 202844	2	36	3	12	<.3	4	8	446	2.14	14	<8	<2	<2	51	<.2	<3	<3	23	1.70	.071	4	9	.53	61	.09	4	.82	.09	.56	3	.30
RE A 202844	2	38	3	12	<.3	4	8	459	2.18	16	<8	<2	<2	52	<.2	<3	<3	22	1.74	.072	4	10	.55	63	.09	<3	.85	.10	.57	5	.27
RRE A 202844	2	37	3	12	<.3	5	8	448	2.16	16	<8	<2	<2	50	<.2	<3	<3	24	1.70	.072	4	31	.55	58	.09	<3	.83	.09	.56	4	.35
A 202845	<1	145	<3	41	.5	21	26	1006	4.66	26	<8	<2	<2	71	.8	<3	<3	85	2.12	.151	3	35	1.78	107	.15	<3	1.93	.08	1.58	4	.30
A 202846	2	12	3	27	<.3	5	6	382	1.95	10	<8	<2	<2	64	.5	<3	3	25	.99	.061	4	42	.44	39	.09	<3	.73	.11	.37	2	.08
A 202847	2	11	5	28	<.3	3	5	341	1.58	8	<8	<2	<2	69	.3	<3	<3	17	.74	.054	4	36	.36	35	.08	<3	.66	.13	.26	<2	.06
A 202848	3	25	3	29	<.3	3	5	362	1.79	7	<8	<2	<2	67	.3	<3	<3	21	.91	.054	5	13	.37	40	.08	<3	.72	.13	.30	2	.19
A 202849	3	13	6	39	<.3	3	5	377	2.14	4	<8	<2	<2	66	1.0	<3	<3	19	.91	.053	4	41	.36	37	.08	<3	.68	.11	.33	8	.13
A 202850	2	5	5	31	<.3	4	4	435	1.66	<2	<8	<2	<2	74	.2	<3	<3	18	1.10	.055	4	42	.33	36	.09	4	.73	.12	.33	3	.06
A 202851	2	6	4	33	<.3	4	4	401	1.53	2	<8	<2	<2	85	.2	<3	<3	18	.71	.054	4	15	.38	36	.09	3	.74	.12	.31	4	.05
A 202852	2	8	5	33	<.3	4	4	398	1.93	2	<8	<2	<2	73	.4	<3	<3	19	.78	.055	4	12	.37	38	.09	<3	.74	.12	.39	4	.21
A 202853	3	8	4	32	<.3	6	5	418	1.75	2	<8	<2	<2	153	.2	<3	<3	24	1.06	.094	13	38	.53	131	.11	<3	.82	.13	.37	<2	.07
A 202854	2	5	5	30	<.3	4	3	397	1.64	2	<8	<2	2	107	.2	<3	<3	22	.90	.065	8	32	.42	65	.10	<3	.77	.14	.34	3	.06
A 202855	2	6	6	23	<.3	4	4	429	1.86	6	<8	<2	<2	153	<.2	<3	4	25	1.19	.082	10	30	.46	99	.10	<3	.79	.13	.36	2	.15
A 202856	1	28	17	50	<.3	32	15	793	3.60	3	<8	<2	4	424	.7	<3	<3	70	2.39	.367	74	63	1.59	334	.17	<3	1.46	.17	.62	9	.09
RE A 202856	2	33	10	47	<.3	32	15	772	3.48	4	<8	<2	5	414	.8	<3	4	70	2.34	.369	73	62	1.55	386	.19	<3	1.43	.16	.60	8	.09
RRE A 202856	1	30	9	49	<.3	31	14	782	3.55	3	<8	<2	5	419	.9	3	4	72	2.36	.366	72	75	1.54	364	.19	<3	1.46	.18	.61	7	.09
A 202857	3	64	9	73	<.3	79	29	1180	5.70	<2	<8	<2	8	737	.3	<3	<3	130	4.56	.596	166	154	3.02	1813	.05	<3	2.21	.15	.81	2	.01
A 202858	1	5	6	17	<.3	5	5	434	2.37	30	<8	<2	2	92	<.2	<3	4	34	1.27	.064	9	30	.49	114	.09	<3	.81	.14	.27	10	.14
A 202859	2	9	9	33	<.3	5	7	437	2.23	8	<8	<2	<2	77	.3	<3	<3	23	1.18	.070	9	14	.41	69	.09	<3	.71	.12	.33	4	.33
A 202860	3	13	<3	19	<.3	4	6	401	1.96	7	<8	<2	<2	71	<.2	<3	<3	23	1.36	.065	8	20	.35	59	.07	<3	.66	.10	.35	11	.12
A 202861	2	66	10	68	<.3	102	31	1135	5.26	3	<8	<2	6	697	1.2	4	<3	129	4.51	.520	146	136	3.49	940	.05	<3	2.16	.20	.63	3	<.01
A 202862	2	87	4	15	<.3	3	5	329	1.99	13	<8	<2	2	51	.2	<3	<3	20	1.37	.055	6	6	.33	45	.07	<3	.57	.09	.36	2	.14
STANDARD DS3/AU-1	9	120	32	156	.6	37	11	778	3.06	30	<8	<2	4	27	6.1	5	5	76	.52	.092	17	190	.58	144	.08	<3	1.70	.04	.17	6	3.36

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 7 2001 DATE REPORT MAILED: NOV 16/01 SIGNED BY: *C. Toy* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data LFA *YIN*



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt	
A 202863	2	18	<3	22	<.3	2	10	346	1.73	3	<8	<2	<2	57	.3	<3	<3	21	1.24	.054	5	23	.26	42	.07	<3	.59	.11	.34	<2	.11	
A 202864	2	21	<3	55	<.3	4	5	437	1.67	4	<8	<2	<2	90	.4	<3	<3	20	1.20	.055	5	32	.36	44	.07	<3	.78	.14	.26	<2	.10	
A 202865	2	12	3	34	<.3	3	9	347	1.67	2	<8	<2	<2	74	<.2	<3	<3	18	.66	.053	5	11	.35	36	.08	<3	.66	.13	.21	<2	.11	
A 202866	2	15	<3	30	<.3	2	9	320	1.73	4	<8	<2	<2	71	.3	<3	<3	19	.77	.054	6	31	.33	34	.08	4	.62	.12	.23	2	.49	
A 202867	2	9	<3	28	<.3	3	8	331	1.61	7	<8	<2	<2	71	.2	<3	<3	21	.91	.053	6	31	.34	36	.08	<3	.65	.12	.30	<2	.12	
A 202868	2	18	<3	27	<.3	2	32	407	1.96	5	<8	<2	<2	84	.4	<3	<3	20	1.31	.053	4	8	.33	34	.05	<3	.63	.09	.28	<2	.14	
A 202869	1	12	3	30	<.3	2	4	411	1.08	<2	<8	<2	<2	73	<.2	<3	<3	20	1.17	.055	5	25	.34	43	.08	<3	.69	.12	.37	<2	.03	
A 202870	3	12	4	29	<.3	4	6	377	1.12	2	<8	<2	2	70	.2	<3	<3	21	1.03	.054	5	31	.33	39	.08	<3	.66	.13	.33	<2	.04	
A 202871	1	14	9	37	<.3	3	7	461	1.46	2	<8	<2	<2	101	.2	<3	<3	20	1.12	.056	4	10	.39	36	.08	<3	.75	.13	.20	<2	.04	
A 202877	1	39	<3	22	<.3	3	4	536	1.47	<2	<8	<2	<2	81	<.2	<3	<3	20	1.43	.066	9	14	.31	84	.04	<3	.76	.11	.31	<2	.05	
A 202878	1	113	5	31	<.3	3	2	467	1.50	<2	<8	<2	<2	85	.2	<3	<3	22	.81	.062	7	18	.31	79	.05	<3	.78	.14	.30	<2	.05	
A 202879	2	31	4	29	<.3	3	2	422	1.23	<2	<8	<2	<2	95	.4	<3	<3	20	1.01	.064	6	7	.31	83	.07	<3	.77	.11	.38	<2	.06	
A 202880	<1	35	<3	11	<.3	2	3	480	1.12	3	<8	<2	<2	56	.2	<3	<3	12	.73	.062	6	10	.18	106	.06	<3	.70	.12	.41	<2	.13	
RE A 202880	1	34	<3	10	<.3	2	3	491	1.13	<2	<8	<2	2	57	<.2	<3	<3	13	.74	.063	6	11	.19	108	.06	<3	.71	.12	.42	<2	.14	
RRE A 202880	1	37	3	10	<.3	3	4	530	1.26	3	8	<2	<2	61	<.2	<3	<3	14	.79	.066	5	11	.20	120	.06	<3	.80	.13	.46	<2	.14	
A 202881	1	70	3	20	<.3	4	4	454	1.15	2	<8	<2	<2	117	<.2	<3	<3	20	1.73	.062	9	4	.32	74	.06	<3	.79	.14	.33	<2	.15	
A 202882	1	53	6	14	<.3	2	2	476	.69	<2	<8	<2	<2	108	<.2	<3	<3	15	2.36	.062	8	11	.29	85	.05	<3	.75	.17	.30	<2	.06	
A 202883	1	34	3	6	<.3	2	3	509	.74	<2	<8	<2	2	118	<.2	<3	<3	8	2.83	.060	10	10	.19	58	.02	3	.66	.11	.32	2	.16	
A 202884	1	15	<3	9	<.3	3	3	449	1.00	<2	8	<2	2	99	<.2	<3	<3	14	1.78	.063	7	4	.22	75	.05	<3	.63	.11	.32	<2	.09	
A 202885	1	1	<3	11	<.3	2	3	552	1.12	<2	<8	<2	2	136	<.2	<3	<3	15	2.31	.062	8	12	.22	93	.03	3	.78	.12	.37	<2	.04	
A 202886	1	2	3	17	<.3	3	3	502	1.39	<2	<8	<2	<2	142	<.2	<3	<3	21	1.97	.061	7	15	.31	83	.05	<3	.85	.15	.28	<2	.03	
A 202887	1	4	7	15	<.3	2	4	466	1.33	<2	<8	<2	<2	92	<.2	<3	<3	21	1.47	.061	5	6	.33	64	.08	<3	.79	.13	.38	4	.11	
A 202888	1	25	3	33	<.3	29	10	643	2.45	3	<8	<2	3	243	.3	<3	<3	58	2.22	.224	38	51	1.34	253	.12	<3	1.26	.19	.38	<2	.06	
A 202889	2	41	8	18	<.3	6	7	355	1.71	3	<8	<2	<2	148	<.2	<3	<3	25	1.17	.081	9	28	.49	130	.10	<3	.81	.16	.27	<2	.22	
A 202890	2	70	3	10	.3	3	9	295	1.66	3	<8	<2	<2	68	<.2	<3	<3	16	1.19	.064	6	8	.31	43	.08	<3	.62	.12	.27	3	.38	
A 202891	2	28	4	19	<.3	2	5	357	1.46	<2	<8	<2	<2	122	<.2	<3	<3	21	1.07	.063	6	26	.41	47	.09	3	.86	.16	.22	11	.41	
A 202892	1	65	5	11	.3	3	6	318	1.72	<2	<8	<2	<2	74	<.2	<3	<3	19	1.06	.061	6	6	.33	39	.07	<3	.63	.11	.24	3	.34	
RE A 202892	1	65	5	11	.5	3	6	320	1.73	<2	<8	<2	2	75	<.2	<3	<3	20	1.07	.062	6	9	.33	40	.07	<3	.66	.12	.25	3	.33	
RRE A 202892	1	67	6	11	.3	3	6	318	1.72	<2	<8	<2	<2	75	<.2	<3	<3	4	20	1.07	.061	6	19	.33	40	.07	<3	.64	.12	.25	2	.33
A 202893	1	19	3	14	<.3	2	5	363	1.57	<2	<8	<2	<2	101	<.2	<3	<3	21	1.41	.059	6	23	.35	57	.07	<3	.73	.12	.25	2	.24	
A 202894	2	16	4	7	1.9	3	7	422	1.82	<2	<8	<2	<2	112	<.2	<3	3	15	1.91	.061	8	18	.21	88	.02	<3	.70	.12	.40	7	.70	
A 202895	3	71	28	46	6.8	3	33	264	5.96	10	<8	2	<2	115	1.0	7	5	5	1.57	.051	4	21	.09	34	<.01	<3	.37	.04	.26	<2	2.28	
A 202896	3	55	67	45	5.6	3	34	318	5.55	9	9	<2	<2	136	1.7	13	4	7	2.05	.051	3	19	.10	50	<.01	<3	.46	.07	.29	2	.97	
A 202897	2	33	4	12	<.3	2	6	428	1.68	<2	<8	<2	<2	166	<.2	<3	<3	13	2.14	.057	7	18	.25	100	.02	<3	.58	.10	.28	<2	.11	
STANDARD DS3/AU-1	9	123	32	152	<.3	37	11	799	3.09	31	<8	<2	4	28	5.8	5	7	78	.52	.092	18	195	.58	145	.09	<3	1.73	.04	.17	4	3.43	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
A 202898	5	43	3	16	<.3	2	9	409	1.70	<2	<8	<2	2	138	.2	3	<3	13	2.15	.056	9	14	.23	96	.02	5	.50	.07	.33	65	.16
A 202899	3	55	6	18	<.3	4	9	435	1.93	<2	<8	<2	2	154	<.2	<3	<3	16	2.18	.057	8	21	.29	57	.06	4	.70	.10	.31	43	.28
A 202900	6	8	<3	16	<.3	3	10	481	1.66	<2	<8	<2	2	236	.3	<3	<3	12	2.45	.064	6	16	.23	68	.04	3	.70	.11	.36	21	.20
A 202901	13	33	4	26	<.3	2	5	436	1.53	<2	<8	<2	2	221	<.2	<3	<3	14	2.03	.059	9	12	.32	77	.03	3	.85	.11	.37	10	.10
A 202902	14	51	6	25	<.3	3	9	348	1.64	<2	<8	<2	2	148	<.2	<3	<3	20	1.36	.062	8	21	.39	40	.10	<3	.78	.10	.23	10	.20
A 202903	11	33	9	29	<.3	4	6	375	1.69	2	<8	<2	<2	141	<.2	<3	<3	24	.92	.065	8	23	.46	53	.10	5	.85	.11	.22	3	.11
RE A 202903	9	32	8	28	<.3	4	6	366	1.65	2	<8	<2	2	138	.2	<3	<3	22	.90	.065	7	25	.45	52	.10	<3	.84	.11	.21	2	.09
STANDARD DS3/AU-1	11	132	33	163	<.3	35	10	798	3.39	31	8	<2	4	30	5.6	4	6	76	.57	.091	18	185	.58	148	.09	4	1.68	.04	.17	6	3.22

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104022 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	2	6	11	<.3	2	<1	<2	.03	<2	8	<2	<2	2	<.2	<3	<3	<1	.08	<.001	<1	6	.01	3	<.01	4	.01	.38	.01	<2	<.01
A 202932	5	45	5	29	.4	4	15	261	1.52	<2	12	<2	3	89	.3	<3	<3	8	1.58	.061	7	35	.16	93	.01	6	.56	.12	.33	4	.28
A 202933	3	27	4	11	<.3	4	8	247	1.44	5	<8	<2	3	97	<.2	<3	<3	8	1.68	.059	10	26	.12	95	<.01	6	.53	.11	.35	8	.38
A 202934	7	96	5	19	.4	3	6	343	1.95	2	<8	<2	2	103	.2	<3	<3	7	1.80	.056	8	31	.15	98	<.01	5	.45	.10	.30	7	1.31
A 202935	9	70	4	15	<.3	4	4	309	1.82	3	11	<2	2	111	<.2	<3	3	7	1.82	.053	6	32	.14	104	<.01	6	.52	.13	.34	6	.30
A 202936	12	78	5	13	.4	3	4	321	1.67	4	8	<2	3	119	<.2	<3	3	6	1.92	.053	7	30	.16	108	<.01	5	.42	.10	.29	3	1.04
A 202937	4	119	13	25	1.1	5	5	250	2.08	20	9	<2	3	84	.6	38	<3	6	1.52	.053	6	33	.17	89	<.01	6	.44	.12	.29	10	.52
A 202938	5	57	19	42	.9	3	4	291	1.71	10	14	<2	3	97	1.1	22	<3	5	1.94	.053	4	28	.17	99	<.01	5	.42	.11	.28	2	.38
A 202939	3	37	13	29	.5	4	4	301	1.89	4	<8	<2	3	88	.4	9	<3	5	1.73	.051	6	30	.19	84	<.01	5	.33	.08	.24	2	.40
A 202940	3	30	8	14	.4	3	4	386	1.53	6	<8	<2	3	110	.2	6	3	7	2.09	.056	7	29	.20	124	<.01	6	.41	.10	.28	4	.49
A 202941	4	31	14	32	.3	4	7	415	2.07	4	12	<2	3	116	.8	<3	<3	6	2.27	.052	6	35	.20	89	<.01	6	.38	.10	.27	3	.27
A 202942	8	49	9	20	.6	3	4	342	1.74	4	<8	<2	3	85	.5	7	<3	5	1.82	.057	7	31	.17	110	<.01	6	.37	.08	.27	3	1.03
RE A 202942	8	51	8	24	.3	4	4	352	1.78	5	<8	<2	3	89	.4	7	<3	7	1.86	.057	7	32	.17	113	<.01	6	.40	.09	.28	2	1.21
RRE A 202942	7	49	9	16	.3	4	4	351	1.80	6	9	<2	3	87	.3	6	<3	6	1.83	.055	8	34	.17	108	<.01	6	.42	.10	.30	4	1.15
A 202943	2	46	7	14	.5	4	3	416	1.76	4	<8	2	2	79	.2	3	<3	6	1.84	.054	7	30	.18	100	.01	6	.38	.08	.27	2	3.07
A 202944	14	42	5	14	.3	5	4	373	1.84	4	8	<2	3	81	<.2	5	<3	7	1.75	.057	9	33	.20	124	<.01	6	.48	.11	.32	2	.42
A 202945	3	25	3	12	<.3	3	4	349	1.81	5	<8	<2	3	68	<.2	<3	<3	9	1.68	.057	9	29	.24	114	.01	7	.48	.11	.30	5	.31
A 202946	2	30	3	11	<.3	5	5	292	1.86	2	<8	<2	3	69	<.2	<3	<3	9	1.59	.055	10	35	.21	96	.01	7	.54	.11	.35	7	.30
A 202947	5	19	4	10	<.3	3	6	320	1.66	2	<8	<2	3	75	<.2	<3	<3	8	1.82	.058	10	35	.16	106	.01	6	.41	.09	.28	2	.10
A 202948	5	24	6	15	<.3	5	5	290	2.18	5	11	<2	3	69	<.2	<3	<3	15	1.38	.058	10	37	.29	82	.04	7	.51	.10	.30	8	.18
A 202949	4	35	4	18	<.3	3	8	349	1.98	<2	<8	<2	2	75	.2	<3	<3	11	1.68	.058	11	31	.23	92	.02	7	.48	.09	.31	10	.25
A 202950	19	33	4	12	<.3	4	6	292	2.58	4	9	<2	3	68	<.2	<3	<3	10	1.46	.054	8	41	.20	78	.02	7	.47	.10	.32	5	1.27
A 202951	12	45	4	11	<.3	4	5	309	1.84	2	<8	<2	3	80	<.2	<3	<3	8	1.79	.058	9	30	.15	99	.01	6	.47	.09	.31	<2	1.17
A 202952	15	52	4	9	<.3	4	13	273	2.99	2	<8	<2	3	67	<.2	<3	<3	7	1.58	.052	10	34	.11	67	.01	6	.49	.10	.32	3	1.27
A 202953	7	47	3	9	<.3	4	7	236	2.15	2	10	<2	3	69	<.2	<3	<3	10	1.53	.055	8	29	.15	63	.03	5	.46	.10	.31	2	.30
A 202954	5	16	4	9	<.3	4	5	230	2.08	3	12	<2	3	77	<.2	<3	<3	10	1.63	.055	7	35	.13	81	.02	7	.50	.12	.32	4	.21
RE A 202954	6	17	3	7	<.3	4	5	236	2.07	2	<8	<2	3	78	<.2	<3	3	8	1.61	.054	7	35	.13	83	.01	6	.51	.13	.33	3	.23
RRE A 202954	6	15	3	9	<.3	4	5	239	2.04	3	<8	<2	3	74	<.2	<3	<3	8	1.65	.055	7	28	.13	70	.02	6	.39	.07	.26	5	.22
A 202955	2	31	3	10	.5	5	5	238	2.34	5	<8	9	3	68	<.2	<3	6	12	1.43	.055	7	36	.19	70	.02	6	.45	.08	.28	3	10.74
A 202956	6	37	5	14	<.3	3	4	247	2.09	2	<8	<2	3	63	<.2	<3	<3	16	1.29	.056	6	33	.27	60	.07	6	.53	.11	.26	3	.17
A 202957	2	46	4	21	<.3	5	5	321	1.86	5	<8	<2	2	93	<.2	<3	<3	17	1.17	.058	5	41	.31	64	.09	7	.71	.15	.34	2	.33
A 202958	3	110	3	14	<.3	3	6	333	1.80	4	<8	<2	2	75	<.2	<3	<3	14	1.59	.057	4	32	.24	56	.07	6	.58	.11	.34	2	.10
A 202959	2	128	3	13	<.3	5	4	315	2.03	6	<8	<2	2	76	<.2	<3	<3	13	1.53	.058	7	37	.25	69	.07	6	.63	.12	.34	3	.59
A 202960	4	116	<3	11	<.3	3	3	244	2.05	4	<8	<2	2	61	<.2	<3	<3	12	1.52	.057	7	33	.24	69	.05	6	.51	.10	.25	2	.67
STANDARD DS3/AU-1	10	124	35	155	<.3	36	12	799	3.14	33	<8	<2	4	27	5.5	5	5	79	.53	.093	18	185	.60	155	.09	5	1.72	.05	.18	4	3.25

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 14 2001 DATE REPORT MAILED: Nov 19/01 SIGNED BY: C. Leong, D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202961	8	65	<3	9	<.3	4	4	232	2.15	3	<8	3	2	61	<.2	<3	<3	9	1.52	.052	7	35	.20	79	.01	6	.49	.11	.26	5	2.93
A 202962	4	24	<3	14	<.3	3	4	330	1.89	5	<8	<2	3	72	.2	<3	<3	11	1.63	.057	6	31	.25	83	.05	4	.63	.13	.31	2	.78
A 202963	5	24	<3	26	<.3	4	3	520	1.36	<2	<8	<2	2	110	.2	<3	<3	12	1.93	.056	5	31	.24	88	.05	3	.79	.15	.42	<2	.17
A 202964	3	9	<3	25	<.3	3	3	487	1.19	2	<8	<2	2	92	.2	<3	<3	11	1.57	.057	5	28	.24	59	.05	6	.62	.10	.29	<2	.22
A 202965	3	14	3	25	<.3	5	4	455	1.65	4	<8	<2	2	129	.2	<3	<3	19	1.60	.059	5	41	.34	73	.08	4	.74	.15	.33	<2	.34
A 202966	4	66	17	69	<.3	205	38	738	5.33	11	<8	<2	4	1321	.4	4	<3	131	3.77	.490	129	100	4.23	3420	.05	5	2.95	.61	2.26	<2	<.01
A 202967	2	26	<3	18	<.3	5	5	371	2.08	3	<8	<2	3	122	.3	<3	<3	17	1.64	.061	5	34	.31	59	.03	3	.61	.13	.30	<2	.31
A 202968	3	25	5	21	<.3	4	5	423	2.01	7	<8	<2	<2	84	.2	<3	<3	20	1.68	.058	6	31	.35	51	.06	5	.69	.12	.28	<2	.40
A 202969	2	102	<3	44	<.3	19	29	864	5.31	15	<8	<2	<2	124	.5	<3	<3	127	2.54	.176	4	27	2.21	252	.22	6	2.56	.05	2.07	2	.60
A 202970	5	237	3	27	<.3	18	32	683	5.04	19	<8	<2	<2	136	.4	<3	<3	111	2.48	.178	3	23	1.58	116	.19	5	1.71	.06	.97	<2	.49
RE A 202970	5	239	<3	28	.4	19	33	688	5.09	22	<8	<2	2	138	.5	<3	<3	112	2.51	.179	4	25	1.61	137	.20	<3	1.77	.09	1.01	2	.45
RRE A 202970	4	226	<3	28	<.3	20	31	676	4.94	21	<8	<2	<2	134	.4	<3	<3	108	2.41	.173	3	24	1.54	118	.19	5	1.66	.06	.96	<2	.44
A 202971	3	92	3	34	<.3	17	23	828	4.46	17	<8	<2	2	167	.3	<3	<3	114	2.92	.169	4	21	1.88	58	.16	4	1.92	.05	.37	<2	.30
A 202972	5	261	4	12	.4	29	34	617	5.88	23	<8	<2	2	153	.2	<3	<3	121	3.39	.136	3	52	1.05	36	.16	3	.90	.06	.25	2	.76
A 202973	3	189	<3	15	.4	33	40	434	3.30	24	<8	<2	<2	118	.4	<3	<3	78	1.89	.151	1	83	.99	23	.19	5	1.04	.07	.15	2	.21
A 202974	4	259	<3	11	.4	26	60	405	4.14	26	9	<2	<2	135	.2	<3	<3	78	2.05	.148	1	58	.79	32	.22	5	.95	.07	.18	<2	.23
A 202975	2	169	<3	34	<.3	15	31	695	4.66	19	10	<2	<2	155	.4	<3	<3	111	1.57	.161	2	26	1.91	69	.20	4	2.00	.06	.46	<2	.32
A 202976	2	144	3	45	<.3	15	27	809	4.58	18	<8	<2	2	205	.6	<3	<3	122	2.19	.160	3	29	2.24	135	.21	6	2.36	.05	.95	<2	.08
A 202977	1	143	3	29	<.3	23	35	721	3.96	12	<8	<2	<2	150	.5	<3	<3	107	2.38	.135	2	81	2.05	231	.22	6	2.10	.05	1.44	<2	.11
A 202978	<1	140	<3	25	<.3	25	31	899	4.56	16	<8	<2	<2	139	.7	<3	<3	130	4.08	.122	1	87	2.21	202	.20	4	2.08	.05	.91	<2	.15
A 202979	2	124	7	29	.3	20	25	886	5.00	18	<8	<2	<2	99	.4	<3	<3	146	3.65	.140	2	75	2.53	277	.23	3	2.59	.08	2.06	<2	.15
A 202980	2	158	3	34	.6	26	28	967	5.64	23	<8	<2	<2	129	.7	<3	<3	189	4.43	.133	2	106	3.03	463	.25	3	3.01	.05	2.22	<2	.14
A 202981	1	139	<3	77	.4	29	27	1080	5.24	15	<8	<2	<2	134	.8	<3	<3	167	4.90	.122	1	118	2.92	249	.21	4	2.85	.05	1.82	<2	.16
A 202982	3	138	6	123	.4	14	28	1248	4.86	12	<8	<2	<2	111	.7	<3	<3	143	3.43	.155	1	31	2.27	349	.25	4	2.59	.08	2.49	<2	.30
RE A 202982	2	145	4	129	.3	14	28	1269	5.00	16	<8	<2	2	113	.6	<3	<3	148	3.55	.160	1	32	2.33	357	.26	<3	2.65	.08	2.54	<2	.15
RRE A 202982	3	146	7	128	.4	16	29	1283	5.20	15	<8	<2	<2	119	.7	<3	<3	154	3.61	.163	2	32	2.40	380	.28	3	2.77	.09	2.62	2	.08
A 203048	2	33	<3	21	<.3	2	4	441	1.64	<2	<8	<2	2	91	.3	<3	<3	12	2.03	.060	10	20	.27	69	.02	7	.59	.09	.32	<2	.35
A 203049	1	20	4	21	.4	4	4	475	1.82	3	<8	<2	2	88	.4	<3	<3	14	1.97	.058	10	25	.30	62	.02	6	.61	.08	.31	<2	.17
A 203050	1	17	3	18	<.3	3	4	436	1.65	4	<8	<2	2	93	.2	<3	<3	11	2.06	.060	8	20	.27	61	.03	7	.57	.08	.37	3	.15
A 203051	3	23	4	13	<.3	3	5	408	1.77	3	<8	<2	3	85	.2	<3	<3	8	1.80	.058	12	6	.22	69	.01	5	.45	.08	.29	2	.19
A 203052	2	24	7	11	4.0	2	8	384	2.79	4	<8	22	3	80	.3	<3	8	8	1.75	.057	8	9	.19	75	.02	6	.47	.09	.30	2	12.92
A 203053	1	30	4	15	.4	3	3	412	1.80	2	<8	3	2	94	.3	<3	3	8	2.10	.058	9	23	.23	100	.01	5	.49	.08	.34	<2	2.56
A 203054	2	16	3	11	.3	3	3	359	1.87	<2	<8	<2	3	85	.4	<3	<3	8	1.94	.057	7	19	.21	101	<.01	5	.42	.08	.29	<2	.45
A 203055	3	8	5	10	<.3	3	4	252	2.07	2	<8	<2	2	83	<.2	<3	<3	10	1.72	.057	8	29	.20	85	.02	6	.46	.09	.29	<2	.17
STANDARD DS3/AU-1	10	126	36	159	.3	38	12	829	3.23	33	14	<2	5	28	5.8	4	4	80	.55	.095	18	188	.62	162	.09	4	1.79	.04	.18	3	3.29

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203056	3	63	<3	57	<.3	176	36	800	5.41	2	<8	<2	3	1052	.6	<3	<3	139	5.08	.488	108	159	4.43	2990	.05	7	2.31	.15	1.62	<2	.02
A 203057	2	7	3	10	<.3	3	3	266	1.96	2	<8	<2	3	95	<.2	<3	<3	12	1.80	.056	8	24	.23	78	.02	6	.52	.14	.28	<2	.21
A 203058	5	64	6	57	<.3	144	32	800	4.88	<2	<8	<2	4	1178	.2	<3	5	119	3.63	.448	111	68	3.62	2966	.05	7	2.48	.57	1.70	<2	<.01
A 203059	3	30	4	13	<.3	4	4	270	2.13	<2	<8	<2	3	94	<.2	<3	<3	13	1.52	.058	6	21	.26	80	.05	6	.60	.14	.37	<2	.52
A 203060	5	68	6	11	.5	3	4	267	2.13	2	<8	<2	3	77	<.2	<3	3	11	1.62	.053	5	7	.20	76	.05	7	.59	.12	.39	2	.83
A 203061	4	74	<3	9	<.3	3	3	255	1.75	2	<8	<2	2	75	<.2	<3	<3	11	1.55	.053	6	19	.20	82	.04	7	.53	.11	.34	<2	.31
A 203062	3	61	3	10	<.3	2	5	305	2.14	5	<8	<2	2	84	<.2	<3	3	11	1.81	.053	4	29	.21	64	.05	7	.58	.13	.32	<2	.40
A 203063	3	70	3	11	<.3	2	4	202	2.17	2	<8	<2	2	62	<.2	<3	<3	13	1.21	.054	5	9	.26	60	.06	6	.60	.12	.34	2	.22
A 203064	4	52	7	10	<.3	4	3	191	2.54	3	<8	<2	2	58	<.2	<3	<3	13	1.28	.056	5	10	.26	66	.06	7	.61	.14	.33	<2	.18
A 203065	3	68	4	13	.5	4	2	213	2.04	2	<8	<2	2	70	.2	<3	3	13	1.38	.056	5	29	.27	58	.07	7	.62	.14	.31	<2	.57
A 203066	9	72	4	12	<.3	3	3	204	2.16	2	<8	<2	2	74	.2	<3	<3	12	1.38	.058	6	8	.26	59	.06	6	.62	.13	.33	<2	.55
RE A 203066	9	68	3	12	<.3	3	3	209	2.08	2	<8	<2	2	74	.2	<3	<3	12	1.32	.055	5	7	.25	60	.05	7	.62	.14	.33	<2	.52
RRE A 203066	9	68	3	13	<.3	3	3	198	2.13	4	<8	<2	2	74	.2	<3	<3	13	1.35	.056	6	15	.26	63	.06	7	.65	.14	.35	<2	.50
A 203067	4	39	3	9	<.3	3	3	218	1.74	2	<8	<2	2	62	<.2	<3	<3	11	1.47	.054	4	18	.22	53	.06	6	.50	.10	.30	<2	.17
A 203068	3	41	3	12	<.3	3	4	288	1.85	<2	<8	<2	2	68	<.2	<3	<3	12	1.61	.054	4	22	.23	66	.06	6	.54	.11	.32	<2	.22
A 203069	5	42	4	19	<.3	3	5	271	2.06	3	9	<2	2	60	<.2	<3	<3	14	1.13	.055	5	9	.28	51	.07	7	.57	.11	.33	3	.52
A 203070	15	46	3	22	<.3	3	6	307	1.77	4	<8	<2	2	73	<.2	<3	<3	14	1.10	.054	5	17	.32	49	.07	7	.62	.11	.29	2	.23
A 203071	6	39	<3	16	.3	3	3	359	2.04	5	<8	2	2	71	<.2	<3	<3	11	1.55	.055	4	22	.23	72	.04	6	.58	.11	.31	10	1.64
A 203072	19	31	<3	24	<.3	4	3	421	1.54	3	8	<2	2	91	<.2	<3	<3	13	1.62	.057	4	21	.28	75	.06	7	.72	.15	.35	<2	.13
A 203073	5	19	<3	25	<.3	2	4	350	1.49	3	<8	<2	<2	98	<.2	<3	<3	13	1.04	.056	3	26	.33	53	.08	7	.73	.14	.41	2	.18
A 203074	1	36	3	17	<.3	3	4	344	1.76	2	<8	3	<2	66	<.2	<3	<3	18	1.41	.055	3	28	.32	53	.07	7	.63	.11	.35	2	3.16
A 203075	2	30	<3	17	<.3	3	4	368	1.84	3	<8	<2	2	77	<.2	<3	<3	16	1.55	.054	5	24	.29	48	.05	7	.62	.11	.32	2	.69
A 203076	1	37	3	13	<.3	3	3	353	1.94	7	<8	<2	2	58	.2	<3	<3	19	1.59	.054	5	22	.31	55	.07	6	.73	.12	.33	2	.90
A 203077	4	161	4	19	<.3	4	11	410	2.75	11	<8	<2	2	64	<.2	<3	3	39	2.01	.065	4	14	.56	56	.09	5	.87	.12	.49	3	1.66
A 203078	6	708	8	20	1.9	14	76	437	11.01	49	10	5	2	81	<.2	<3	19	82	3.43	.099	3	18	.88	86	.11	5	1.24	.06	1.00	5	4.82
RE A 203078	5	666	8	19	1.7	13	72	430	10.43	40	<8	4	2	77	<.2	<3	19	79	3.25	.094	2	17	.84	85	.11	4	1.19	.06	.96	5	4.65
RRE A 203078	5	672	8	19	1.8	13	73	432	10.49	42	9	5	2	73	<.2	<3	16	77	3.16	.092	3	25	.84	74	.10	5	1.12	.05	.93	4	4.15
A 203079	1	439	3	17	.5	39	30	537	5.07	16	<8	<2	<2	50	<.2	<3	11	87	2.21	.130	1	89	1.15	53	.16	4	1.23	.06	.95	2	.68
A 203080	1	202	<3	21	<.3	29	32	631	3.96	11	<8	<2	<2	85	.3	<3	4	92	3.17	.147	1	67	1.39	95	.17	4	1.51	.06	1.14	3	.39
A 203081	1	320	<3	19	<.3	31	35	585	5.08	12	<8	<2	<2	83	.3	<3	5	113	2.90	.141	1	82	1.65	73	.17	4	1.58	.04	1.16	3	.34
A 203082	4	271	<3	7	<.3	35	42	525	4.40	12	<8	<2	<2	96	.2	<3	3	74	3.74	.153	1	79	.76	21	.14	<3	.77	.06	.41	8	.20
A 203083	5	249	3	9	<.3	32	47	559	4.15	14	<8	<2	<2	106	.2	<3	4	82	3.42	.156	3	98	.97	75	.16	4	1.05	.07	.72	7	.15
A 203084	1	186	<3	27	<.3	38	34	745	4.07	15	12	<2	<2	99	.6	<3	5	126	3.76	.130	1	136	2.17	426	.19	5	2.25	.05	1.90	2	.16
A 203085	2	133	<3	25	<.3	40	46	703	3.73	6	9	<2	2	94	.4	<3	3	108	3.04	.130	1	122	1.79	310	.21	<3	1.89	.06	1.63	<2	.13
STANDARD DS3/AU-1	10	123	34	145	<.3	35	11	767	3.00	29	13	<2	5	26	5.4	6	6	75	.51	.089	17	183	.57	151	.08	6	1.63	.05	.17	4	3.40

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#

Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt	
A 203086	3	115	3	25	.5	38	43	762	4.16	11	<8	<2	2	106	.4	<3	<3	117	3.63	.128	1	120	2.02	437	.20	<3	1.94	.05	1.78	<2	.20
A 203087	3	279	4	28	.7	37	39	856	5.04	7	<8	<2	2	83	.4	<3	<3	133	3.90	.123	1	135	2.41	370	.20	<3	2.26	.05	1.95	3	.28
A 203088	2	208	3	25	.5	36	33	821	4.62	12	<8	<2	<2	95	.5	<3	<3	112	3.52	.156	1	109	1.99	265	.21	<3	1.93	.06	1.86	2	.19
A 203089	2	233	<3	17	1.0	35	52	700	6.37	19	<8	<2	<2	83	<.2	3	5	117	3.48	.124	1	81	1.70	131	.19	3	1.46	.07	1.43	2	.74
A 203090	1	230	<3	28	.5	26	24	905	4.68	7	<8	<2	2	102	.2	<3	<3	127	4.58	.123	1	90	2.85	415	.21	<3	2.69	.04	1.92	<2	.11
RE A 203090	2	232	6	26	.6	29	25	906	4.77	2	<8	<2	<2	103	.2	<3	<3	129	4.68	.125	2	94	2.94	426	.22	<3	2.76	.04	1.96	<2	.13
RRE A 203090	1	228	<3	28	.8	29	25	913	4.75	7	<8	<2	<2	102	.6	<3	<3	130	4.64	.125	1	93	2.95	428	.22	<3	2.73	.04	1.97	2	.13
A 203091	2	256	11	132	1.0	25	35	1435	6.64	7	<8	<2	<2	120	.6	<3	<3	180	5.68	.132	2	66	2.59	255	.22	<3	2.59	.04	2.04	<2	.46
A 203092	2	166	43	357	1.2	16	29	1913	4.80	15	<8	<2	<2	93	2.1	<3	3	150	3.40	.154	4	34	2.40	500	.25	<3	2.49	.06	2.36	<2	.17
A 203093	3	137	4	99	.3	15	30	1003	4.25	3	<8	<2	3	91	<.2	<3	<3	154	2.21	.162	5	26	2.42	743	.27	<3	2.53	.08	2.56	<2	<.01
A 203094	3	135	4	108	.3	15	28	983	4.25	2	<8	<2	2	94	.3	<3	<3	155	2.52	.156	4	26	2.38	710	.26	3	2.48	.09	2.43	<2	<.01
STANDARD DS3/AU-1	10	120	33	150	<.3	35	11	789	3.09	31	<8	<2	4	26	5.6	5	5	76	.51	.093	17	179	.59	149	.08	4	1.68	.04	.17	3	3.36

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104023 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	1	<3	17	<3	<1	<1	8	.05	<2	<8	<2	<2	3	<2	<3	<3	1	.14	<.001	<1	6	.01	4	<.01	<3	.02	.58	.01	<2	<.01
A 202904	4	33	4	9	<3	3	5	290	1.71	4	<8	<2	3	46	<2	<3	<3	11	.34	.066	7	20	.14	109	.03	3	.87	.21	.38	4	.03
A 202905	2	9	5	12	.3	2	5	293	1.67	4	<8	<2	3	92	<2	<3	<3	14	1.74	.068	7	14	.20	108	.06	3	.71	.17	.39	2	.02
A 202906	2	27	5	15	<3	2	3	307	1.81	4	<8	<2	2	92	<2	<3	<3	16	1.78	.068	5	5	.26	99	.07	3	.86	.18	.47	2	.05
A 202907	2	23	6	15	<3	3	4	313	1.91	4	<8	<2	2	87	<2	<3	<3	16	1.88	.067	5	6	.27	99	.05	3	.86	.19	.46	5	.07
A 202908	2	18	5	16	.3	3	3	317	2.15	4	<8	<2	2	82	<2	<3	<3	16	1.87	.065	7	16	.29	102	.05	4	.82	.18	.40	2	.09
A 202909	2	25	5	15	.3	3	2	309	2.78	4	<8	<2	2	84	<2	<3	<3	14	1.89	.061	8	21	.26	106	.04	4	.95	.22	.45	5	.13
A 202910	3	16	4	18	<3	4	3	245	1.85	2	<8	<2	2	90	<2	<3	<3	18	1.08	.065	6	8	.35	76	.06	7	.88	.22	.30	4	.05
A 202911	1	14	5	15	<3	3	5	221	2.18	2	<8	<2	3	87	<2	<3	<3	18	1.13	.064	7	9	.31	85	.07	3	.83	.21	.30	3	.04
A 202912	4	12	8	15	<3	3	6	185	2.26	2	<8	<2	3	85	<2	<3	<3	18	1.12	.066	8	23	.26	88	.08	3	.68	.18	.28	10	.03
A 202913	5	8	5	13	<3	4	4	164	2.15	2	<8	<2	3	72	<2	<3	<3	18	1.09	.066	6	24	.28	49	.08	4	.63	.13	.29	11	.02
A 202914	3	9	6	12	<3	3	5	157	2.07	3	<8	<2	3	71	<2	<3	<3	16	.93	.067	6	8	.21	59	.07	5	.68	.19	.29	2	.03
RE A 202914	2	9	4	11	<3	4	5	150	2.12	<2	<8	<2	2	63	<2	<3	<3	15	.93	.069	6	7	.21	63	.07	3	.53	.12	.23	2	.03
RRE A 202914	3	9	4	10	<3	2	5	149	1.98	<2	<8	<2	2	73	<2	<3	<3	15	.92	.066	5	9	.21	63	.08	3	.71	.21	.31	3	.03
A 202915	2	11	4	14	<3	3	4	207	1.88	<2	<8	<2	2	85	<2	<3	<3	17	1.04	.066	5	26	.29	63	.07	4	.79	.20	.31	2	.04
A 202916	2	15	5	18	<3	5	5	260	1.87	<2	<8	<2	2	95	<2	<3	<3	18	1.26	.066	6	34	.36	74	.07	7	.85	.18	.33	<2	.09
A 202917	2	10	4	12	<3	3	5	290	1.86	<2	<8	<2	2	116	<2	<3	<3	12	2.02	.062	6	20	.23	95	.02	5	.78	.13	.37	<2	.04
A 202918	1	11	3	14	<3	4	4	301	1.88	<2	<8	<2	2	72	<2	<3	<3	13	1.79	.065	8	21	.26	115	.03	3	.78	.14	.34	2	.04
A 202919	1	24	5	18	<3	3	4	269	2.27	<2	<8	<2	2	82	<2	<3	<3	18	1.29	.067	5	23	.33	97	.06	3	.78	.15	.30	2	.04
A 202920	4	67	5	21	<3	4	6	276	3.49	4	<8	<2	2	120	<2	<3	<3	19	1.41	.065	6	33	.37	64	.06	<3	.73	.12	.25	4	.07
A 202921	3	41	5	16	.3	4	6	246	2.40	2	<8	<2	2	99	<2	<3	<3	18	1.45	.068	5	30	.30	71	.06	3	.67	.14	.24	4	.04
A 202922	3	43	8	15	<3	4	8	265	3.59	5	<8	<2	2	81	<2	<3	<3	17	1.37	.067	6	11	.31	69	.06	3	.72	.14	.29	8	.06
A 202923	5	30	4	19	<3	5	7	278	2.57	3	<8	<2	2	87	<2	<3	<3	19	1.32	.069	6	14	.39	81	.07	5	.86	.19	.31	13	.04
A 202924	9	44	6	20	<3	5	5	269	2.19	2	<8	<2	2	77	<2	<3	<3	21	1.19	.070	7	26	.40	74	.08	3	.72	.13	.31	3	.03
A 202925	9	15	5	15	<3	3	5	246	2.04	3	10	<2	3	69	<2	<3	<3	13	1.26	.058	6	22	.24	63	.05	<3	.64	.15	.28	2	.02
A 202926	3	21	6	19	<3	3	5	191	1.80	<2	<8	<2	2	86	<2	<3	<3	15	.88	.060	8	9	.29	68	.07	10	.72	.17	.28	5	.01
RE A 202926	2	20	6	19	<3	2	5	186	1.75	<2	<8	<2	2	81	<2	<3	<3	15	.85	.058	7	9	.28	59	.07	4	.65	.13	.26	5	.01
RRE A 202926	3	18	4	18	<3	2	5	186	1.76	2	<8	<2	2	79	<2	<3	<3	16	.84	.056	7	11	.28	61	.07	<3	.65	.14	.27	5	.01
A 202927	2	53	6	20	<3	2	4	290	1.72	<2	<8	<2	2	87	<2	<3	<3	13	1.61	.057	7	28	.30	87	.04	<3	.68	.11	.28	4	.01
A 202928	2	24	6	24	<3	3	5	253	1.81	<2	<8	<2	2	94	.2	<3	<3	18	.98	.058	8	30	.38	68	.08	<3	.76	.16	.33	8	.01
A 202929	3	45	4	25	<3	3	4	252	1.52	<2	<8	<2	2	99	.2	<3	<3	15	.78	.058	6	29	.37	41	.08	5	.69	.11	.24	7	.01
A 202930	2	21	8	41	<3	4	5	280	1.50	2	<8	<2	<2	111	.3	<3	<3	15	.70	.060	6	30	.40	42	.08	3	.78	.12	.23	<2	.01
A 202931	2	17	4	30	<3	3	3	285	1.41	<2	<8	<2	<2	106	<2	<3	<3	15	.68	.058	5	25	.40	32	.08	<3	.71	.10	.18	3	.01
A 202983	<1	371	<3	53	1.3	18	20	1059	4.52	13	<8	<2	<2	49	<2	<3	<3	102	1.40	.199	2	55	1.82	129	.19	5	2.46	.17	1.93	<2	.22
STANDARD DS3/AU-1	10	126	33	160	.3	35	12	830	3.23	32	<8	<2	4	28	5.9	5	5	80	.54	.097	18	192	.61	152	.08	<3	1.78	.04	.17	3	3.37

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 14 2001 DATE REPORT MAILED: Nov 22/01 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 202984	1	252	<3	54	.5	22	24	1109	4.76	11	<8	<2	<2	55	.3	<3	<3	102	1.14	.214	7	53	1.85	168	.22	<3	2.31	.12	1.84	<2	.07
A 202985	<1	224	<3	49	.8	22	24	1095	4.43	8	<8	<2	2	134	.3	<3	<3	90	2.11	.284	25	56	1.78	279	.24	4	2.03	.11	1.51	<2	.16
A 202986	1	83	16	85	<.3	82	31	1034	5.82	<2	<8	<2	9	611	.5	<3	<3	124	4.21	.633	162	182	3.18	1742	.07	<3	2.29	.16	1.07	<2	.01
A 202987	<1	88	3	60	<.3	14	28	1348	5.63	18	<8	<2	<2	69	<.2	<3	<3	170	.97	.179	3	24	2.02	144	.24	<3	2.58	.15	1.86	2	.13
A 202988	1	68	9	74	<.3	103	31	984	5.27	<2	<8	<2	9	587	.3	<3	<3	110	4.19	.551	139	142	3.43	830	.09	4	2.14	.18	.63	<2	.01
A 202989	2	268	<3	63	.4	16	44	1203	7.80	3916	<8	<2	<2	44	<.2	<3	<3	142	.89	.176	2	28	2.02	122	.21	<3	2.58	.11	1.95	3	.32
A 202990	1	199	<3	46	.5	14	51	1005	6.73	32	<8	<2	<2	49	.2	<3	<3	157	1.43	.170	2	24	2.04	139	.22	<3	2.45	.14	1.91	3	.22
A 202991	1	241	<3	47	.6	11	24	1157	4.92	42	<8	<2	<2	61	.2	<3	<3	119	1.50	.189	4	25	2.12	152	.21	<3	2.55	.15	1.91	4	.18
A 202992	1	350	<3	54	1.1	13	34	1209	5.97	175	<8	<2	<2	49	.2	<3	<3	134	2.11	.183	3	30	2.32	194	.22	<3	2.68	.08	2.20	2	.22
A 202993	1	438	<3	58	1.2	19	43	1208	6.35	118	<8	<2	<2	60	.3	<3	<3	146	2.79	.169	3	47	2.15	195	.22	4	2.45	.07	1.85	9	1.00
A 202994	2	355	<3	50	.8	14	26	1065	6.37	264	<8	<2	<2	67	.6	<3	<3	156	3.03	.158	3	27	2.19	250	.22	3	2.57	.11	1.98	2	.26
RE A 202994	1	342	<3	47	.8	13	25	1058	6.25	269	<8	<2	<2	67	.6	<3	<3	153	2.97	.156	3	27	2.16	248	.21	<3	2.54	.12	1.95	<2	.25
RRE A 202994	1	348	<3	162	.8	14	27	1063	6.41	263	<8	<2	<2	68	.7	<3	<3	157	3.06	.158	3	28	2.17	246	.22	<3	2.55	.10	1.97	<2	.22
A 202995	3	259	<3	49	.7	15	30	1030	6.10	99	<8	<2	<2	65	.5	<3	<3	144	3.44	.172	4	26	2.13	187	.18	<3	2.64	.08	1.99	2	.22
A 202996	1	182	<3	43	.4	16	23	978	5.36	40	<8	<2	<2	74	.3	<3	<3	152	2.79	.172	3	35	2.05	165	.23	<3	2.54	.10	2.02	<2	.21
A 202997	3	203	4	49	.3	13	31	1081	6.06	51	<8	<2	<2	58	.4	<3	<3	176	2.61	.167	4	33	2.14	141	.20	<3	2.63	.09	1.95	2	.39
A 202998	5	226	<3	41	.4	17	34	910	5.70	169	<8	<2	<2	97	.4	<3	<3	175	3.03	.157	5	30	1.65	83	.14	<3	2.09	.06	1.37	<2	.29
A 202999	5	129	3	34	.4	19	24	751	5.03	22	<8	<2	<2	142	.3	<3	<3	117	2.99	.151	5	35	1.29	64	.12	3	1.59	.05	1.12	<2	.19
A 203000	5	63	9	28	.3	10	6	678	1.43	22	<8	<2	3	20	.4	<3	3	12	.27	.066	9	29	.08	62	.01	7	.64	.12	.39	2	.47
A 203001	3	27	5	34	<.3	6	4	520	1.79	7	<8	<2	<2	40	.3	<3	<3	24	.22	.063	8	37	.33	69	.05	4	.93	.17	.42	8	.05
A 203002	1	16	<3	31	<.3	6	4	474	1.71	4	<8	<2	<2	93	<.2	<3	<3	23	.46	.060	5	39	.40	54	.10	3	.93	.15	.35	4	.11
A 203003	3	32	4	37	<.3	4	6	484	1.58	3	<8	<2	<2	83	.2	<3	<3	24	.80	.059	5	40	.42	42	.09	<3	.86	.13	.31	4	.20
A 203004	5	30	6	34	.4	6	14	456	2.76	4	<8	<2	2	66	<.2	<3	<3	26	.78	.059	4	41	.40	42	.09	<3	.79	.12	.36	24	.75
A 203005	3	20	5	41	<.3	4	5	464	1.76	4	<8	<2	<2	93	<.2	<3	<3	25	.61	.062	6	48	.44	37	.10	6	.86	.12	.27	21	.36
A 203006	17	39	<3	25	<.3	5	10	361	2.17	5	<8	<2	2	51	.2	<3	<3	26	.55	.058	7	41	.37	48	.09	<3	.71	.10	.39	22	.27
RE A 203006	17	41	4	26	.3	6	10	369	2.21	5	<8	<2	2	52	<.2	<3	3	27	.56	.058	8	43	.37	50	.10	6	.73	.11	.40	22	.24
RRE A 203006	16	35	3	24	<.3	4	11	347	2.08	4	<8	<2	<2	44	<.2	<3	4	24	.50	.056	6	38	.35	43	.08	<3	.65	.09	.36	20	.19
A 203007	13	37	<3	28	<.3	7	9	427	2.05	7	<8	<2	2	72	<.2	<3	<3	33	.69	.066	8	51	.50	40	.10	3	.81	.09	.43	34	.10
A 203008	10	17	5	28	<.3	3	7	422	1.86	5	<8	<2	2	83	<.2	<3	<3	20	1.11	.059	8	48	.35	35	.08	3	.64	.09	.27	37	.51
A 203009	10	15	3	31	<.3	7	7	518	1.89	7	<8	<2	2	87	<.2	<3	<3	27	1.53	.058	8	43	.42	41	.09	<3	.76	.09	.38	86	.72
A 203010	4	6	3	26	<.3	4	5	434	1.78	4	<8	<2	2	73	<.2	<3	<3	19	1.25	.061	8	36	.35	49	.07	3	.73	.10	.36	6	.14
A 203011	1	16	6	21	<.3	5	5	424	2.02	33	<8	<2	<2	62	<.2	<3	<3	19	1.38	.056	6	40	.30	43	.06	<3	.61	.09	.27	4	.31
A 203012	3	13	<3	18	<.3	3	6	521	1.69	6	<8	<2	2	88	.2	<3	<3	13	2.05	.056	9	32	.24	54	.01	3	.53	.09	.32	4	.65
A 203013	7	8	4	18	<.3	4	15	429	2.52	6	<8	<2	3	68	<.2	<3	3	20	1.43	.056	11	37	.31	39	.04	<3	.57	.09	.27	119	1.65
STANDARD DS3/AU-1	10	126	35	158	<.3	37	12	816	3.23	32	<8	<2	4	28	5.8	6	6	81	.54	.096	17	189	.61	155	.09	<3	1.77	.04	.17	3	3.43

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	gm/mt	
A 203014	5	11	4	19	<.3	3	18	381	2.27	7	<8	<2	3	70	<.2	<3	3	21	1.06	.056	10	53	.32	39	.05	4	.60	.11	.30	133	.94
A 203015	2	10	8	27	<.3	5	4	423	1.80	5	<8	<2	2	75	.2	<3	<3	26	.59	.057	7	48	.39	43	.09	3	.85	.13	.32	11	.12
A 203016	3	9	6	28	<.3	3	3	411	1.58	5	8	<2	2	93	.2	<3	<3	23	.72	.056	7	52	.40	37	.09	3	.84	.14	.22	5	.09
A 203017	2	5	5	29	<.3	5	4	425	1.67	2	<8	<2	2	107	<.2	<3	<3	23	.71	.058	7	49	.41	48	.09	5	.97	.16	.32	4	.05
A 203018	3	6	8	25	<.3	3	3	400	1.69	5	<8	<2	<2	97	.2	<3	<3	25	.83	.057	6	58	.41	50	.09	<3	.96	.18	.35	5	.09
A 203019	1	9	7	26	<.3	5	3	389	1.77	4	<8	<2	2	89	<.2	<3	<3	27	.76	.055	6	51	.39	52	.09	<3	.96	.17	.41	2	.18
A 203020	2	6	6	18	<.3	3	7	339	1.88	5	<8	<2	2	49	<.2	<3	<3	21	.72	.057	9	51	.32	39	.07	3	.62	.11	.30	3	1.03
A 203021	1	6	6	25	<.3	4	4	384	1.94	3	<8	<2	3	58	<.2	<3	<3	23	.39	.058	9	32	.33	98	.04	4	.93	.12	.27	3	.09
A 203022	2	5	5	18	<.3	3	6	359	1.66	2	<8	<2	2	41	<.2	<3	<3	16	.43	.056	10	33	.24	77	.03	5	.73	.12	.34	2	.18
A 203023	1	7	3	23	<.3	4	3	369	1.77	2	<8	<2	<2	79	<.2	<3	<3	25	.65	.058	7	42	.40	49	.09	3	.88	.13	.30	16	.17
A 203024	2	6	4	24	<.3	2	4	379	1.75	3	<8	<2	2	67	<.2	<3	<3	24	.49	.056	7	40	.37	52	.07	5	.82	.11	.27	3	.17
RE A 203024	2	6	4	23	<.3	2	4	379	1.76	2	<8	<2	2	68	<.2	<3	<3	23	.49	.057	8	40	.37	52	.08	3	.83	.11	.27	<2	.18
RRE A 203024	1	7	8	23	<.3	4	4	373	1.75	3	<8	<2	2	70	.2	<3	<3	25	.51	.057	8	37	.37	55	.08	5	.86	.12	.28	3	.17
A 203025	2	8	4	23	<.3	3	4	411	1.65	5	<8	<2	2	66	<.2	<3	<3	22	.55	.058	9	41	.35	60	.07	3	.81	.11	.33	14	.17
A 203026	1	12	4	24	<.3	4	5	442	1.62	2	<8	<2	2	103	.2	<3	<3	22	1.51	.055	8	37	.32	73	.06	3	.84	.10	.43	4	.11
A 203027	2	2	4	25	<.3	2	4	409	1.62	2	<8	<2	2	103	<.2	<3	<3	22	1.25	.056	9	42	.35	70	.06	4	.92	.11	.33	3	.03
A 203028	1	4	6	21	<.3	4	5	497	1.68	3	<8	<2	3	97	<.2	<3	<3	19	1.82	.051	9	46	.32	153	.03	5	.73	.09	.32	17	.08
A 203029	1	10	6	24	<.3	2	6	459	1.68	3	<8	<2	2	96	<.2	<3	3	22	1.35	.054	9	37	.34	123	.05	3	.78	.09	.34	2	.35
A 203030	1	13	3	23	<.3	3	7	498	1.84	5	<8	<2	3	104	<.2	<3	<3	21	1.68	.054	10	34	.34	85	.04	5	.73	.08	.34	3	.24
A 203031	2	5	5	22	<.3	2	5	596	1.70	4	<8	<2	2	136	.2	<3	<3	17	2.63	.055	10	34	.32	119	.02	4	.68	.08	.36	2	.06
A 203032	1	22	4	17	<.3	2	4	409	1.44	3	<8	<2	3	83	<.2	<3	<3	10	1.81	.055	13	27	.20	157	<.01	4	.52	.08	.37	<2	.12
A 203033	2	26	4	16	<.3	2	5	559	1.66	4	<8	<2	3	102	.2	<3	3	10	2.34	.057	9	36	.28	256	<.01	7	.49	.08	.33	<2	.11
A 203034	1	29	4	16	<.3	8	7	441	1.76	5	<8	<2	3	98	<.2	<3	<3	16	1.64	.056	8	36	.29	163	.03	4	.65	.09	.33	<2	.23
A 203035	3	24	15	20	<.3	2	4	426	1.96	5	<8	<2	2	73	<.2	<3	3	23	1.39	.055	9	44	.35	52	.05	<3	.64	.09	.29	4	.24
A 203036	2	15	4	17	<.3	4	6	474	2.00	6	<8	<2	4	101	.2	<3	<3	16	2.06	.057	11	36	.27	113	.01	9	.60	.08	.32	4	.11
RE A 203036	1	15	4	19	<.3	4	6	456	1.90	3	<8	<2	3	96	.2	<3	<3	15	1.96	.054	9	35	.26	113	.01	4	.58	.08	.31	3	.13
RRE A 203036	2	13	3	14	<.3	2	5	443	1.84	4	<8	<2	3	93	<.2	<3	<3	12	1.93	.054	9	36	.25	116	.01	4	.49	.06	.27	4	.11
A 203037	1	20	3	22	<.3	4	6	463	1.82	4	<8	<2	3	114	.2	<3	<3	17	1.82	.053	9	31	.27	113	.01	4	.63	.08	.28	<2	.17
A 203038	2	30	3	21	<.3	2	4	416	1.75	3	<8	<2	3	83	<.2	<3	<3	14	1.65	.055	11	31	.27	57	.01	3	.51	.07	.24	3	.31
A 203039	1	32	6	17	<.3	3	3	495	1.81	7	<8	<2	2	93	<.2	<3	<3	12	2.17	.054	9	30	.26	98	.01	6	.54	.08	.28	4	.36
A 203040	2	32	7	20	<.3	2	3	444	1.89	6	<8	<2	3	100	<.2	<3	<3	16	1.85	.056	10	33	.27	51	.01	3	.60	.08	.27	2	.41
A 203041	1	19	5	18	<.3	4	4	455	1.59	5	<8	<2	3	162	<.2	<3	<3	13	2.00	.055	7	29	.24	191	.01	<3	.67	.11	.30	<2	.13
A 203042	2	38	5	27	<.3	3	3	477	1.71	5	<8	<2	2	112	<.2	<3	3	22	1.58	.057	8	39	.35	80	.05	3	.76	.10	.29	<2	.07
A 203043	1	46	6	30	<.3	4	3	471	1.70	7	<8	<2	2	104	<.2	<3	<3	21	1.39	.056	7	35	.38	49	.06	3	.82	.11	.25	19	.96
STANDARD DS3/AU-1	9	123	36	155	.4	37	11	798	3.13	33	<8	<2	4	27	5.6	6	7	77	.53	.095	17	194	.59	152	.09	3	1.71	.05	.17	3	3.37

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203044	2	7	4	30	<.3	2	3	478	1.62	5	<8	<2	2	94	<.2	<3	<3	22	1.38	.056	5	35	.38	31	.07	<3	.79	.09	.18	2	.17
A 203045	1	5	5	31	<.3	3	2	495	1.57	4	<8	<2	2	119	.2	<3	<3	23	1.52	.055	7	33	.37	106	.07	3	.91	.10	.28	3	.08
A 203046	3	6	6	28	<.3	2	3	473	1.54	5	<8	<2	2	90	<.2	<3	<3	21	1.58	.058	9	36	.35	105	.05	4	.81	.08	.28	<2	.14
A 203047	1	9	4	27	<.3	4	6	527	1.69	3	<8	<2	3	97	<.2	<3	<3	19	1.96	.055	9	28	.32	130	.02	3	.82	.09	.28	<2	.07
RE A 203047	1	8	7	26	<.3	4	6	512	1.67	4	<8	<2	2	95	<.2	<3	<3	19	1.92	.054	9	29	.31	126	.02	4	.79	.09	.28	<2	.07
STANDARD DS3/AU-1	10	123	34	157	.4	37	12	802	3.16	31	<8	<2	5	28	6.0	7	5	78	.53	.094	18	187	.59	151	.09	6	1.73	.04	.17	4	3.30

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Sultan Minerals PROJECT KENA File # A104043 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Te
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	gm/mt	ppm	
SI	1	5	<3	<1	<.3	2	<1	3	.05	<2	<8	<2	<2	4	<.2	<3	<3	<1	.18	<.001	1	4	.01	5	.01	<3	.02	.75	<.01	<2	<.01	-
A 203095	2	16	22	31	21.8	4	8	246	3.91	4	<8	304	2	49	.6	<3	9	7	1.18	.047	6	8	.19	46	.01	<3	.36	.08	.23	3	240.07	-
A 203096	1	16	3	13	<.3	4	4	253	1.89	4	<8	<2	2	53	<.2	<3	<3	14	1.21	.056	7	8	.30	73	.03	<3	.54	.11	.32	2	.42	-
A 203097	3	32	5	15	<.3	4	4	301	2.06	2	<8	<2	2	60	.2	<3	<3	10	1.57	.057	6	7	.24	78	.02	<3	.49	.09	.26	2	.74	-
A 203098	67	26	3	9	<.3	4	7	348	1.81	2	<8	<2	2	116	.2	<3	<3	10	2.37	.057	9	8	.23	77	.01	<3	.47	.10	.26	2	.26	-
A 203099	5	67	7	58	<.3	164	37	805	5.23	8	<8	<2	3	1282	.6	<3	<3	135	4.41	.505	118	109	4.15	3060	.06	<3	2.53	.36	1.88	<2	.34	-
A 203100	24	26	4	12	<.3	4	5	343	1.91	2	<8	<2	3	145	<.2	<3	<3	15	2.16	.057	6	8	.31	43	.02	<3	.42	.11	.20	<2	.21	-
A 203101	9	18	<3	11	<.3	4	5	278	1.94	2	<8	<2	3	73	<.2	<3	<3	7	1.75	.056	7	6	.22	86	.01	<3	.42	.08	.24	<2	.33	-
A 203102	3	13	4	9	<.3	3	4	287	2.07	2	<8	<2	3	88	<.2	<3	<3	8	1.96	.055	8	6	.20	87	.01	<3	.44	.08	.29	3	.36	-
A 203103	6	15	3	9	<.3	4	4	174	2.48	<2	<8	<2	3	49	<.2	<3	<3	11	1.24	.057	8	6	.23	52	.03	<3	.44	.09	.27	2	2.88	-
A 203104	15	33	4	10	<.3	5	6	182	2.56	<2	<8	<2	3	45	<.2	<3	<3	14	1.30	.056	8	9	.26	60	.04	<3	.48	.09	.30	3	.31	-
A 203105	29	29	5	10	<.3	4	4	191	2.73	<2	<8	<2	2	54	<.2	<3	4	11	1.30	.055	8	9	.26	67	.03	<3	.48	.08	.30	7	.34	-
A 203106	8	31	3	16	<.3	4	4	267	2.45	2	<8	<2	2	68	.2	<3	<3	12	1.54	.058	8	8	.28	65	.05	<3	.60	.11	.34	3	.20	-
RE A 203106	8	30	5	13	<.3	4	4	259	2.45	<2	<8	<2	3	68	<.2	<3	<3	12	1.53	.057	7	9	.28	67	.05	<3	.62	.12	.35	3	.18	-
RRE A 203106	9	30	5	14	<.3	4	4	262	2.43	5	9	<2	3	68	<.2	<3	<3	13	1.56	.058	7	9	.28	66	.05	3	.61	.12	.34	6	.23	-
A 203107	11	55	4	15	<.3	4	3	246	2.11	<2	<8	<2	2	63	<.2	<3	<3	13	1.44	.056	5	8	.26	60	.06	<3	.57	.09	.30	3	.26	-
A 203108	11	42	3	10	<.3	4	6	281	2.33	2	<8	<2	2	67	.2	<3	<3	7	1.65	.052	7	8	.19	84	.02	<3	.51	.10	.34	8	1.52	.39
A 203109	3	34	5	16	.7	5	7	427	2.07	2	<8	5	3	85	.2	<3	89	11	2.04	.054	6	11	.23	49	.03	<3	.52	.08	.30	9	29.84	.48
A 203110	3	19	3	23	<.3	5	4	387	1.80	2	<8	<2	2	75	.2	<3	<3	14	1.65	.059	4	14	.32	70	.07	<3	.74	.11	.47	3	.29	-
A 203111	3	35	4	23	<.3	4	4	365	2.11	4	<8	<2	<2	79	<.2	<3	<3	18	1.26	.059	5	9	.36	46	.09	<3	.67	.12	.37	4	.37	-
A 203112	6	26	3	24	.4	4	7	475	2.12	<2	<8	4	3	74	.2	<3	<3	13	2.07	.058	8	6	.26	56	.03	<3	.56	.06	.29	2	3.66	-
A 203113	8	19	<3	15	<.3	4	7	413	1.92	4	<8	<2	2	112	<.2	<3	<3	14	1.84	.056	6	7	.27	37	.03	3	.56	.08	.25	2	.72	-
A 203114	2	40	4	21	<.3	3	5	362	2.41	7	<8	<2	2	72	<.2	<3	<3	21	1.21	.055	4	10	.36	39	.06	<3	.67	.10	.28	4	1.41	-
A 203115	2	30	<3	20	<.3	4	4	375	2.22	3	<8	<2	2	63	<.2	<3	<3	20	1.39	.056	4	8	.36	34	.07	<3	.59	.08	.29	7	.34	-
A 203116	2	65	12	21	.3	4	4	353	2.05	4	<8	<2	<2	65	<.2	<3	<3	22	1.65	.056	4	9	.37	45	.07	<3	.66	.11	.33	12	.58	-
A 203117	2	119	6	20	<.3	7	7	343	2.70	10	<8	<2	2	46	.2	<3	3	29	1.43	.063	3	15	.47	36	.08	<3	.68	.08	.26	12	.90	-
A 203118	2	363	<3	25	.8	28	26	544	4.41	25	<8	<2	<2	70	<.2	<3	4	90	2.06	.143	2	62	1.35	74	.18	<3	1.59	.08	.96	4	1.11	-
RE A 203118	2	354	<3	25	.7	27	25	530	4.32	24	<8	<2	<2	68	.2	<3	3	86	2.01	.138	1	60	1.32	71	.17	<3	1.54	.07	.93	2	1.06	-
RRE A 203118	2	356	<3	22	.6	28	26	534	4.34	27	<8	<2	<2	67	.3	3	3	87	2.01	.140	1	59	1.31	70	.16	<3	1.55	.07	.93	4	.99	-
A 203119	2	332	3	20	.5	11	25	424	5.75	35	<8	<2	<2	87	.2	<3	5	92	1.75	.138	3	6	1.16	64	.17	<3	1.56	.11	.60	7	1.78	-
A 203120	2	484	5	24	1.2	11	51	541	7.01	41	<8	<2	<2	76	<.2	<3	6	110	2.78	.136	2	3	1.47	85	.17	<3	1.75	.09	.96	5	.98	-
A 203121	5	320	<3	34	.7	27	32	544	4.30	22	<8	<2	<2	98	.2	3	<3	119	1.73	.117	2	69	1.85	153	.21	<3	2.00	.06	1.57	5	.61	-
A 203122	2	134	<3	33	.4	28	37	520	3.53	15	<8	<2	<2	107	<.2	4	<3	100	1.59	.118	2	65	1.46	115	.20	<3	1.72	.09	.96	3	.08	-
A 203123	1	169	<3	31	.3	29	36	595	3.83	17	<8	<2	<2	101	.3	3	3	113	2.21	.130	1	65	1.54	120	.20	<3	1.83	.06	1.35	3	.32	-
STANDARD DS3/AU-1	9	122	36	154	<.3	37	12	783	3.09	31	<8	<2	4	27	5.6	5	6	77	.51	.091	16	188	.58	147	.08	<3	1.68	.04	.17	3	3.38	.95

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE. TE ANALYSIS BY ICP-MS.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 15 2001 DATE REPORT MAILED: Nov 22/01 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203124	2	208	3	23	.6	37	41	591	3.85	14	<8	<2	<2	85	<.2	<3	<3	103	2.41	.122	1	84	1.42	113	.20	<3	1.64	.07	1.15	6	.45
A 203125	1	195	<3	31	.6	29	28	627	4.92	14	<8	<2	<2	106	.2	<3	<3	130	2.62	.123	2	71	1.92	185	.21	<3	2.10	.06	1.65	<2	.30
A 203126	2	214	5	12	.6	23	35	590	5.07	20	<8	<2	<2	91	<.2	<3	<3	97	2.68	.133	1	38	1.09	96	.17	<3	1.34	.05	1.21	3	.36
A 203127	<1	180	<3	15	.5	28	38	688	4.54	14	<8	<2	<2	91	<.2	<3	<3	108	3.16	.119	1	56	1.29	90	.19	<3	1.45	.07	.97	2	.35
A 203128	2	186	<3	15	.4	22	34	547	2.83	11	<8	<2	<2	88	<.2	<3	<3	69	2.02	.129	2	80	1.14	220	.18	<3	1.40	.07	.69	<2	.14
A 203129	3	148	3	15	.5	23	43	667	3.38	11	<8	<2	<2	96	<.2	<3	<3	73	3.67	.131	2	67	1.12	259	.18	<3	1.40	.07	.76	5	.32
A 203130	1	261	<3	19	.5	31	35	761	3.72	10	<8	<2	<2	79	<.2	<3	<3	92	3.48	.118	1	107	1.40	319	.20	<3	1.64	.05	1.27	<2	.29
RE A 203130	1	264	<3	21	.6	31	34	770	3.72	13	<8	<2	<2	80	.3	<3	<3	94	3.50	.118	2	106	1.41	307	.20	<3	1.65	.05	1.33	<2	.33
RRE A 203130	2	272	<3	22	.7	31	34	753	3.66	13	<8	<2	<2	78	<.2	<3	<3	93	3.42	.117	2	106	1.39	314	.20	<3	1.62	.04	1.32	<2	.30
A 203131	1	120	<3	29	.3	35	27	771	2.93	11	<8	<2	<2	72	.2	<3	<3	78	2.98	.105	1	162	1.77	329	.18	<3	1.76	.05	.91	2	.06
A 203132	1	150	<3	29	.6	38	32	846	3.78	17	<8	<2	<2	89	.2	3	<3	104	3.59	.136	1	127	2.03	589	.22	<3	2.13	.05	1.83	3	.11
A 203133	2	184	4	132	.5	22	30	1172	5.60	14	<8	<2	2	139	.7	<3	3	178	5.12	.139	3	57	2.62	391	.21	<3	2.88	.04	2.10	<2	.10
STANDARD DS3/AU-1	9	127	.36	160	<.3	37	12	822	3.21	32	9	<2	4	27	5.7	6	6	79	.53	.096	17	186	.61	156	.09	<3	1.73	.04	.18	5	3.31

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P. 08/10

FAX NO. 6042531716

FEB-26-2002 TUE 09:46 AM ACME ANALYTICAL LAB

ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A104043R
1400 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI A 203109	<1 503	<.01 .63	<.01 4.81	.01 6.06

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 15 2002 DATE REPORT MAILED: Feb 26/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date FA *YWS*



ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A104043R2

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI A 203095	<1 507	<.01 32.30	.03 163.47	.03 227.18

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: FEB 27 2002 DATE REPORT MAILED: *March 5/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104098 Page 1
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	2	<3	<1	<.3	<1	<1	5	.03	<2	<8	<2	<2	1	<.2	<3	<3	<1	.07	<.001	<1	5	<.01	3	<.01	<3	.01	.27	.01	<2	.03
A 203134	1	21	6	22	<.3	5	3	217	1.85	6	<8	<2	2	49	<.2	<3	<3	20	.31	.060	7	34	.37	49	.08	3	.65	.09	.26	3	.32
A 203135	3	27	4	18	<.3	4	3	213	2.09	7	<8	<2	2	45	<.2	<3	<3	17	.71	.058	6	37	.32	41	.06	4	.54	.09	.19	4	.13
A 203136	2	14	8	21	<.3	5	3	208	2.41	6	<8	<2	2	54	.2	<3	<3	14	1.23	.056	5	32	.25	45	.05	3	.45	.07	.18	2	.12
A 203137	2	22	6	40	<.3	4	3	263	2.08	4	<8	<2	2	60	1.5	<3	<3	13	1.52	.057	7	32	.25	47	.04	<3	.50	.08	.21	3	.32
A 203138	1	60	5	19	<.3	5	3	228	2.26	6	<8	<2	2	53	<.2	<3	<3	18	1.33	.057	7	34	.29	48	.05	4	.48	.08	.20	4	1.05
A 203139	4	69	3	43	.4	3	3	204	2.29	3	<8	4	2	48	<.2	<3	<3	16	1.21	.055	8	31	.28	60	.04	<3	.47	.08	.20	3	1.98
A 203140	4	19	3	18	<.3	5	5	205	2.77	7	<8	<2	3	48	.3	<3	<3	12	1.27	.054	9	35	.27	63	.03	3	.50	.09	.21	4	.83
A 203141	7	23	3	27	<.3	3	3	246	1.98	3	<8	<2	2	47	.2	<3	<3	15	.96	.055	6	33	.33	31	.06	5	.51	.07	.20	<2	.40
A 203142	9	40	4	29	<.3	3	4	358	2.04	5	<8	<2	2	70	.2	<3	<3	15	1.36	.056	5	31	.34	33	.06	<3	.54	.07	.20	2	.20
A 203143	7	14	7	27	<.3	4	4	339	2.09	5	<8	<2	2	69	<.2	<3	<3	15	1.22	.056	5	30	.29	40	.06	3	.56	.08	.23	<2	.22
A 203144	13	30	<3	33	<.3	4	4	355	1.80	3	<8	<2	<2	71	.2	<3	<3	16	1.22	.058	4	27	.36	46	.07	3	.66	.08	.33	<2	.56
A 203145	4	69	<3	25	<.3	3	4	342	2.32	5	<8	<2	2	62	<.2	<3	<3	13	1.49	.056	5	26	.30	42	.05	<3	.55	.07	.24	<2	.55
A 203146	3	17	3	20	.3	4	4	339	2.22	6	<8	2	2	76	<.2	<3	<3	14	1.49	.055	6	28	.28	54	.04	<3	.58	.08	.24	<2	1.75
A 203147	4	13	6	33	<.3	4	4	208	2.52	7	<8	<2	2	64	<.2	<3	<3	18	.90	.058	4	42	.32	32	.07	<3	.50	.08	.18	3	1.01
A 203148	1	98	4	19	.6	4	4	189	2.73	5	<8	7	2	59	<.2	<3	4	17	.86	.055	6	40	.29	33	.06	<3	.51	.08	.19	2	6.83
A 203149	2	64	<3	30	<.3	3	4	255	2.29	8	<8	2	2	58	.3	<3	<3	16	1.10	.058	6	39	.30	39	.05	<3	.52	.06	.19	<2	2.38
A 203150	7	47	4	30	<.3	4	4	391	1.95	5	<8	<2	2	77	<.2	<3	<3	19	1.28	.058	6	37	.35	46	.07	3	.72	.10	.27	2	.99
A 203151	2	52	<3	30	<.3	3	5	406	1.96	6	<8	<2	<2	64	<.2	<3	<3	17	1.45	.058	6	34	.30	55	.06	<3	.60	.07	.34	2	2.18
A 203152 not received	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 203153	1	9	<3	32	<.3	3	4	492	1.60	4	<8	<2	2	82	<.2	<3	<3	16	1.42	.056	4	28	.28	56	.06	5	.70	.08	.35	2	.21
A 203154	1	17	3	27	<.3	3	4	437	1.60	3	<8	<2	<2	80	<.2	<3	<3	14	1.49	.055	5	25	.28	49	.06	3	.66	.08	.29	<2	.22
A 203155	2	23	<3	26	<.3	3	3	424	1.83	4	<8	<2	<2	75	<.2	<3	<3	20	1.37	.053	4	28	.34	50	.07	5	.74	.11	.28	2	.60
A 203156	2	30	4	27	<.3	3	4	431	2.12	8	<8	<2	<2	66	<.2	<3	<3	21	1.47	.057	5	29	.34	41	.07	<3	.69	.08	.27	<2	.36
RE A 203156	2	31	4	27	<.3	2	4	433	2.14	5	<8	<2	<2	67	<.2	<3	<3	23	1.49	.058	5	29	.34	43	.07	<3	.70	.08	.28	2	.35
RRE A 203156	2	31	10	27	<.3	4	4	415	2.09	5	<8	<2	<2	66	<.2	<3	<3	22	1.43	.056	4	28	.34	43	.07	4	.69	.08	.27	<2	.37
A 203157	3	44	4	32	<.3	2	4	416	2.11	8	<8	<2	<2	62	<.2	<3	<3	24	1.03	.057	4	41	.39	35	.08	<3	.72	.07	.30	10	.52
A 203158	6	100	5	31	<.3	5	7	415	2.00	6	<8	<2	2	73	.3	<3	<3	24	1.50	.055	5	36	.36	41	.07	4	.70	.09	.26	2	.25
A 203159	14	159	4	37	.8	6	13	588	3.32	13	<8	<2	<2	111	.4	<3	<3	61	2.71	.089	5	29	1.00	113	.11	3	1.40	.08	.95	6	.49
A 203160	38	351	11	45	1.9	13	33	702	5.96	21	<8	<2	<2	161	1.4	<3	4	124	5.20	.142	4	25	2.05	213	.15	<3	2.32	.08	1.54	31	.37
A 203161	2	174	<3	39	.5	23	31	861	5.27	24	<8	<2	<2	108	.7	<3	<3	160	3.89	.150	3	66	2.51	308	.23	<3	2.82	.08	1.86	7	.55
A 203162	2	160	<3	26	.5	29	28	864	4.92	18	<8	<2	<2	122	.8	<3	4	134	4.38	.141	2	111	2.07	214	.21	<3	2.06	.05	1.28	8	.56
A 203163	2	312	13	149	1.6	32	35	1291	5.49	24	<8	<2	<2	132	1.4	<3	3	152	5.01	.141	2	129	2.82	307	.24	<3	2.86	.05	1.90	2	.43
A 203164	2	198	150	1014	3.8	14	25	2549	5.14	37	<8	<2	<2	123	7.1	<3	<3	92	6.84	.134	3	32	1.24	207	.20	<3	1.70	.05	1.38	<2	.30
STANDARD DS3/AU-1	9	124	33	156	<.3	38	12	804	3.16	33	9	<2	4	28	5.7	6	6	78	.53	.093	18	195	.60	146	.08	3	1.75	.04	.16	4	3.39

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 21 2001 DATE REPORT MAILED: Dec 3/01 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Sultan Minerals PROJECT KENA FILE # A104098



SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % % % ppm gm/mt

Table with columns for element symbols and concentrations. Rows include sample IDs (e.g., A 203165) and a STANDARD DS3/AU-1. Values are in ppm or %.

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203197	2	40	3	33	<.3	3	4	472	1.42	4	<8	<2	2	98	.3	<3	<3	17	1.51	.063	7	15	.31	59	.07	6	.66	.06	.29	<2	.11
A 203198	3	100	4	23	.4	3	8	455	.99	4	<8	<2	2	105	<.2	<3	<3	14	2.23	.063	6	12	.23	68	.05	6	.58	.05	.33	<2	.85
A 203199	3	208	5	21	.9	4	11	494	1.48	5	<8	<2	<2	123	.3	<3	6	13	2.35	.062	6	14	.19	93	.04	3	.59	.05	.41	<2	.48
A 203200	3	131	3	26	.9	3	12	542	1.38	4	<8	<2	2	107	<.2	<3	6	14	2.19	.063	8	14	.22	78	.04	3	.60	.05	.38	2	.49
A 203201	5	151	6	27	1.0	4	18	453	1.73	<2	<8	<2	2	97	<.2	<3	3	17	1.69	.062	7	16	.26	59	.06	5	.59	.05	.36	21	.44
A 203202	8	189	8	29	.5	3	15	351	1.37	3	<8	<2	2	98	<.2	<3	<3	18	1.17	.062	6	18	.35	41	.08	<3	.65	.06	.32	<2	.69
A 203203	5	116	6	31	.5	3	9	307	1.28	4	<8	<2	2	120	.3	<3	<3	19	.99	.063	7	23	.39	41	.09	<3	.72	.07	.32	<2	.62
A 203204	59	210	4	23	1.7	4	30	297	1.84	<2	<8	<2	2	85	<.2	<3	4	16	1.18	.060	7	20	.31	43	.08	<3	.58	.07	.33	3	1.67
A 203205	210	176	<3	25	.5	3	14	373	1.38	<2	<8	<2	2	92	.3	<3	<3	16	1.62	.063	6	18	.32	56	.07	<3	.65	.06	.40	3	.19
A 203206	5	92	<3	20	<.3	3	8	558	1.31	<2	<8	<2	2	98	<.2	<3	<3	15	2.55	.064	5	16	.26	68	.06	<3	.62	.05	.38	3	.04
A 203207	27	66	4	24	<.3	4	6	465	1.33	3	<8	<2	<2	107	.3	<3	<3	18	1.84	.064	5	17	.33	56	.07	<3	.69	.06	.32	3	.05
A 203208	6	101	<3	28	<.3	4	6	372	1.47	5	<8	<2	<2	113	<.2	<3	<3	21	1.29	.064	5	21	.38	43	.08	<3	.73	.07	.25	<2	.14
A 203209	10	175	3	29	2.0	4	12	386	1.90	4	<8	12	2	93	<.2	<3	<3	19	1.41	.065	6	23	.40	36	.07	<3	.67	.07	.23	2	15.56
A 203210	29	166	<3	21	.4	3	6	420	1.62	<2	<8	<2	<2	90	.2	<3	<3	21	1.69	.063	5	16	.32	42	.08	<3	.64	.06	.31	3	.63
RE A 203210	29	161	<3	21	<.3	3	7	411	1.59	<2	<8	<2	<2	88	<.2	<3	<3	20	1.65	.061	4	16	.32	40	.06	<3	.62	.05	.31	2	.43
RRE A 203210	29	167	3	21	.4	4	6	419	1.60	<2	<8	<2	2	94	.2	<3	<3	22	1.72	.062	5	19	.32	48	.08	<3	.68	.07	.35	2	.35
A 203211	47	156	17	29	.4	3	10	340	1.29	4	<8	<2	2	124	.2	<3	<3	21	1.15	.063	6	20	.41	29	.08	<3	.75	.06	.20	2	.09
A 203212	107	257	<3	29	.6	3	8	350	1.60	4	<8	<2	<2	106	<.2	<3	<3	22	1.27	.062	5	21	.43	28	.07	5	.68	.06	.17	6	.23
A 203213	24	252	<3	35	.4	5	10	456	1.62	<2	<8	<2	2	120	.2	<3	<3	24	1.48	.064	5	24	.51	34	.09	<3	.79	.07	.22	3	.21
A 203214	82	194	5	28	<.3	4	8	342	1.66	<2	<8	<2	2	119	<.2	<3	<3	23	.99	.062	5	26	.42	34	.09	<3	.72	.07	.24	2	.15
A 203215	32	151	6	27	<.3	4	7	355	1.40	3	<8	<2	2	127	.2	<3	<3	23	1.04	.064	6	30	.42	34	.10	<3	.75	.07	.25	3	.06
A 203216	19	129	10	25	<.3	4	9	400	1.25	4	<8	<2	2	124	.3	<3	<3	18	1.70	.067	6	7	.39	97	.06	<3	.70	.06	.22	3	.04
A 203217	31	143	8	25	<.3	3	8	318	1.33	<2	<8	<2	2	110	<.2	<3	<3	20	1.21	.064	6	7	.41	41	.08	<3	.70	.07	.25	5	.05
A 203218	56	140	9	24	<.3	3	9	276	1.25	4	<8	<2	2	123	.3	<3	<3	20	.87	.062	6	27	.42	37	.09	<3	.73	.07	.26	2	.03
A 203219	126	244	<3	24	.4	5	8	321	1.72	2	<8	<2	2	109	<.2	<3	3	23	1.34	.063	7	25	.39	53	.08	<3	.71	.07	.28	4	.07
STANDARD DS3/AU-1	10	124	35	158	.6	38	12	826	3.23	34	<8	<2	4	28	5.9	5	6	79	.55	.096	17	200	.61	154	.08	<3	1.75	.04	.17	4	3.40

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P. 05/10

ASSAY CERTIFICATE

AA
LL

AA
LL

Sultan Minerals PROJECT KENA File # A104098R
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SI	<1	<.01	.01	.01
A 203148	515	<.01	7.43	7.43
A 203209	513	.46	10.72	11.62

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAD: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE RRJ.

DATE RECEIVED: FEB 15 2002 DATE REPORT MAILED: Feb 25/02 SIGNED BY: *C. Toye* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

FAX NO. 6042531716

FEB-26-2002 TUE 09:45 AM ACME ANALYTICAL LAB

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA *YAB*

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104201 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	2	<3	<1	<.3	2	<1	6	.04	<2	<8	<2	<2	3	<.2	<3	<3	<1	.14	<.001	<1	8	.01	6	<.01	<3	.02	.66	<.01	<2	.06
A 203152	1	22	3	22	<.3	2	4	441	1.52	<2	<8	<2	2	69	.3	<3	3	8	1.81	.057	6	22	.21	90	.04	3	.53	.04	.39	<2	.79
A 203220	73	244	<3	19	<.3	5	12	431	1.41	2	<8	<2	2	92	.3	<3	<3	12	2.29	.063	8	18	.23	75	.04	3	.56	.05	.34	2	.23
A 203221	131	179	3	17	<.3	2	12	465	1.28	2	<8	<2	3	109	.3	<3	<3	11	2.38	.063	8	15	.23	69	.04	<3	.57	.04	.30	<2	.07
A 203222	146	115	6	20	<.3	3	7	426	1.45	2	<8	<2	2	92	.3	<3	<3	17	2.03	.064	8	18	.27	70	.05	<3	.58	.05	.33	2	.07
A 203223	82	99	4	64	<.3	2	5	318	1.31	2	<8	<2	2	120	.5	<3	<3	21	1.12	.063	6	20	.39	39	.08	<3	.70	.06	.27	3	<.01
A 203224	115	72	6	26	<.3	5	4	354	1.21	<2	<8	<2	2	123	.3	<3	3	21	1.28	.061	5	24	.35	44	.07	3	.66	.07	.24	2	.06
A 203225	57	103	4	26	<.3	2	4	337	1.39	<2	<8	<2	2	117	.3	<3	<3	23	1.12	.063	6	24	.38	41	.08	<3	.72	.06	.23	2	.03
A 203226	53	146	8	32	<.3	3	7	393	1.37	3	<8	<2	3	137	.5	<3	<3	23	1.35	.066	7	28	.41	77	.09	<3	.77	.07	.28	2	.17
A 203227	65	166	8	29	<.3	3	6	398	1.94	<2	<8	<2	2	101	.5	<3	<3	24	1.29	.064	7	21	.35	42	.07	<3	.67	.06	.24	2	.14
A 203228	30	119	<3	23	<.3	2	5	460	1.52	<2	<8	<2	3	106	.4	<3	<3	19	2.18	.065	8	18	.28	61	.04	<3	.61	.05	.32	<2	.08
A 203229	37	179	<3	15	<.3	3	8	479	1.41	<2	<8	<2	3	99	.4	<3	<3	12	2.44	.064	9	18	.17	123	.02	<3	.50	.04	.33	<2	.12
A 203230	23	206	4	21	.4	3	6	455	1.42	2	<8	<2	2	103	.4	<3	<3	16	2.20	.062	7	20	.24	96	.04	3	.58	.05	.34	2	.04
A 203231	32	224	6	25	.3	4	5	326	1.54	<2	<8	<2	<2	100	.5	<3	<3	19	1.23	.059	6	20	.32	51	.07	3	.61	.06	.27	2	.14
A 203232	18	107	3	18	<.3	2	4	468	1.22	<2	<8	<2	3	99	.4	<3	<3	11	2.37	.059	8	16	.18	116	.02	4	.52	.05	.28	<2	.09
A 203233	18	114	<3	11	<.3	1	4	423	1.18	4	<8	<2	2	80	.3	<3	<3	7	2.43	.059	9	14	.11	213	<.01	<3	.41	.05	.31	<2	.03
A 203234	32	142	<3	22	.4	2	4	476	2.06	<2	<8	<2	<2	93	.5	<3	3	16	2.28	.062	6	18	.23	82	.03	<3	.53	.05	.31	<2	.23
A 203235	29	77	4	23	<.3	3	3	477	1.87	<2	<8	<2	3	93	.5	<3	3	19	2.23	.062	6	17	.26	64	.04	5	.53	.06	.26	2	.12
A 203236	63	178	4	20	.4	4	8	518	2.30	<2	<8	<2	2	93	.7	<3	<3	14	2.66	.062	7	22	.25	105	.03	<3	.57	.07	.34	2	.74
RE A 203236	59	172	<3	17	.8	3	7	485	2.21	<2	<8	<2	<2	89	.5	<3	<3	12	2.54	.060	5	22	.24	101	.02	<3	.55	.06	.31	2	.75
RRE A 203236	61	168	4	20	.4	2	7	488	2.18	<2	<8	<2	2	86	.5	<3	<3	14	2.48	.058	6	19	.24	97	.02	<3	.53	.05	.32	<2	.56
A 203237	25	144	<3	22	<.3	2	6	518	1.52	2	<8	<2	2	92	.3	<3	<3	16	2.59	.063	7	17	.25	71	.04	4	.56	.04	.32	<2	.03
A 203238	21	109	<3	22	<.3	1	3	448	1.67	2	<8	<2	2	93	.5	<3	<3	19	2.09	.062	6	16	.27	58	.06	<3	.55	.05	.28	<2	.14
A 203239	7	57	<3	24	<.3	2	7	496	1.81	3	<8	<2	3	102	.4	<3	<3	19	2.29	.061	5	18	.30	44	.06	3	.54	.05	.29	2	.10
A 203240	33	79	4	23	<.3	2	4	543	1.50	<2	<8	<2	2	129	.4	<3	<3	18	2.44	.062	7	15	.30	52	.06	4	.59	.06	.27	4	.59
A 203241	7	46	<3	22	<.3	2	4	513	2.23	<2	<8	<2	2	105	.5	<3	<3	18	2.34	.062	8	17	.24	100	.02	3	.53	.04	.29	2	.05
A 203242	9	65	3	23	<.3	13	6	642	2.65	2	<8	<2	4	222	.5	<3	<3	32	3.30	.154	29	30	.71	208	.03	5	.90	.06	.36	<2	.07
A 203243	13	119	3	28	<.3	2	4	416	2.95	<2	<8	<2	3	81	.7	<3	<3	31	1.73	.061	10	17	.36	70	.04	4	.65	.06	.24	3	.04
A 203244	16	197	4	20	<.3	1	8	385	1.80	<2	<8	<2	3	73	.4	<3	<3	18	1.95	.062	10	14	.26	58	.02	3	.55	.05	.28	<2	.10
A 203245	6	147	<3	28	<.3	5	6	437	2.02	<2	<8	<2	2	98	.4	<3	<3	27	1.96	.060	7	18	.34	35	.07	3	.61	.06	.24	5	.13
A 203246	46	199	<3	27	<.3	2	4	513	2.03	<2	<8	<2	2	90	.4	<3	<3	24	2.27	.059	10	16	.32	49	.04	4	.60	.06	.22	<2	.09
A 203247	13	87	5	29	<.3	3	5	493	1.94	2	<8	<2	3	105	.5	<3	<3	25	2.04	.062	8	18	.37	36	.06	3	.64	.07	.25	<2	.06
A 203248	4	40	<3	22	<.3	3	3	429	1.44	<2	<8	<2	2	107	.5	<3	<3	20	2.06	.061	7	22	.31	35	.06	4	.62	.04	.24	<2	.07
A 203249	5	94	<3	38	<.3	2	3	428	1.72	3	<8	<2	2	116	.3	<3	<3	24	1.45	.064	6	23	.45	24	.08	4	.70	.07	.14	3	.08
STANDARD DS3/AU-1	9	124	35	158	<.3	35	12	813	3.19	34	10	<2	4	28	6.4	5	5	80	.54	.097	17	196	.60	151	.08	<3	1.74	.03	.18	2	3.35

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 29 2001 DATE REPORT MAILED: Jan 2/02 SIGNED BY: C. Leong, J. Wang; CERTIFIED B.C. ASSAYERS



SAMPLE#

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203250	5	90	4	28	<.3	4	5	357	1.50	3	<8	<2	2	117	.2	<3	<3	26	1.20	.065	5	23	.38	31	.09	3	.68	.07	.20	2	.07
A 203251	32	183	6	27	.4	2	6	355	1.35	4	<8	<2	2	120	.2	<3	<3	24	1.12	.069	6	22	.42	29	.09	3	.70	.07	.24	2	.13
A 203252	19	164	5	34	<.3	5	7	460	2.53	<2	<8	<2	2	108	.3	<3	<3	25	1.87	.066	6	21	.34	71	.06	4	.64	.07	.31	4	.14
A 203253	16	258	4	25	<.3	3	10	448	1.90	<2	<8	<2	2	101	.3	<3	3	24	1.74	.065	7	19	.35	45	.07	3	.63	.05	.36	3	.25
A 203254	12	388	7	27	.6	3	10	544	1.60	<2	<8	<2	2	131	.4	<3	<3	23	2.17	.067	8	18	.35	59	.06	3	.67	.06	.30	2	.30
A 203255	19	204	<3	23	<.3	3	4	574	1.67	3	<8	<2	3	107	.2	<3	<3	14	2.51	.072	18	14	.26	152	.04	<3	.62	.07	.41	<2	.25
A 203256	28	210	<3	27	.3	5	6	519	1.57	3	<8	<2	2	132	.2	<3	3	25	1.87	.074	9	19	.37	59	.09	3	.77	.07	.48	<2	.11
A 203257	23	493	5	29	3.9	5	11	556	2.24	4	<8	7	2	118	.3	<3	4	20	1.77	.070	12	23	.35	55	.07	<3	.74	.07	.34	13	3.99
A 203258	22	429	<3	20	.7	2	10	607	1.61	<2	<8	<2	3	112	.2	<3	<3	14	2.55	.072	15	14	.22	222	.02	<3	.65	.05	.40	18	.37
A 203259	25	573	5	35	.8	3	7	527	1.72	4	<8	<2	2	137	.4	<3	<3	23	1.67	.074	8	19	.35	64	.09	3	.75	.06	.49	2	.23
A 203260	22	126	4	27	.3	5	5	645	1.77	3	<8	<2	2	123	.2	<3	<3	21	2.42	.072	15	19	.33	126	.05	4	.75	.07	.37	5	.45
A 203261	16	125	4	35	<.3	3	5	514	1.70	3	<8	<2	2	158	<.2	3	<3	24	1.43	.072	10	23	.42	58	.07	3	.85	.06	.31	3	.05
A 203262	9	128	<3	39	<.3	4	5	620	1.47	2	<8	<2	2	182	<.2	<3	<3	19	1.96	.076	9	21	.45	216	.07	3	.97	.06	.38	<2	.08
A 203263	27	137	7	34	.6	5	9	527	1.81	3	<8	<2	2	152	.4	<3	<3	20	1.55	.081	8	18	.42	81	.09	5	.89	.07	.39	2	.11
A 203264	39	101	3	45	<.3	3	5	528	1.75	2	<8	<2	2	124	<.2	<3	<3	21	1.31	.080	9	18	.53	85	.09	3	.95	.07	.49	<2	<.01
A 203265	7	42	5	38	<.3	5	4	595	1.88	2	<8	<2	2	123	.2	<3	<3	24	1.76	.078	10	18	.45	84	.07	3	.89	.07	.34	<2	.06
A 203266	1	35	4	34	<.3	3	4	391	1.68	6	9	<2	3	80	.2	<3	<3	22	.46	.065	6	24	.43	56	.09	<3	.76	.08	.26	2	.19
A 203267	3	28	7	26	<.3	4	7	378	2.12	7	<8	<2	2	73	.2	<3	<3	21	1.05	.065	6	23	.38	47	.08	<3	.66	.09	.27	<2	.27
A 203268	2	32	6	42	<.3	5	4	370	1.97	6	<8	<2	2	82	.5	<3	3	21	1.06	.064	6	32	.43	38	.09	<3	.68	.08	.24	2	.21
A 203269	3	23	8	29	<.3	4	3	364	1.92	6	<8	<2	2	88	.2	<3	<3	22	1.12	.066	6	29	.42	41	.09	<3	.70	.09	.24	2	.08
A 203270	1	22	5	20	<.3	4	3	410	1.83	3	<8	<2	2	82	.2	<3	<3	17	1.78	.061	5	29	.32	39	.06	<3	.52	.06	.18	2	.18
RE A 203270	1	22	4	19	<.3	5	3	398	1.77	3	<8	<2	2	79	<.2	<3	<3	15	1.73	.058	6	28	.30	36	.05	<3	.50	.06	.17	<2	.22
RRE A 203270	2	23	8	21	<.3	4	3	410	1.84	3	<8	<2	2	84	.2	<3	<3	17	1.81	.063	5	24	.33	39	.06	3	.55	.07	.19	2	.23
A 203271	1	23	4	13	<.3	3	6	290	2.36	4	<8	<2	3	63	<.2	<3	3	9	1.76	.062	8	23	.22	48	.01	<3	.43	.07	.28	2	.44
A 203272	2	24	7	15	<.3	3	4	300	2.32	4	<8	<2	3	83	<.2	<3	<3	10	2.33	.063	8	21	.23	54	.02	<3	.38	.06	.24	8	1.60
A 203273	5	21	4	16	<.3	4	3	194	2.59	2	<8	<2	3	49	.5	<3	<3	14	1.36	.059	7	25	.27	53	.04	<3	.46	.07	.29	<2	.28
A 203274	8	33	4	20	.3	3	3	212	2.52	<2	<8	<2	3	61	.8	<3	<3	8	1.68	.055	8	21	.21	43	.02	<3	.36	.05	.26	2	.64
A 203275	8	79	3	81	.3	4	16	166	2.75	3	<8	<2	3	55	<.2	5	<3	10	1.46	.058	8	33	.21	42	.02	3	.37	.06	.25	<2	.76
A 203276	9	71	9	20	.5	3	14	116	2.83	7	8	<2	3	55	.4	<3	<3	8	1.41	.055	8	20	.19	41	.01	<3	.36	.06	.25	<2	.87
A 203277	4	16	8	15	<.3	5	5	106	2.70	5	<8	<2	3	50	<.2	<3	<3	8	1.28	.058	9	28	.23	39	.01	3	.33	.06	.26	<2	.41
A 203278	83	56	5	10	.6	4	9	124	2.97	10	<8	<2	3	59	<.2	<3	<3	5	1.47	.054	6	25	.14	33	<.01	<3	.28	.05	.23	4	2.88
A 203279	4	11	5	11	.5	3	3	124	2.49	8	<8	<2	4	56	<.2	<3	<3	7	1.35	.057	10	25	.16	34	<.01	3	.32	.06	.26	<2	2.05
A 203280	3	19	17	13	.3	5	5	165	2.81	7	<8	<2	3	52	.3	<3	<3	6	1.72	.058	8	24	.06	41	<.01	3	.37	.05	.29	<2	1.40
A 203281	2	17	<3	18	<.3	3	4	270	2.09	4	<8	<2	2	55	<.2	<3	<3	9	1.52	.057	6	22	.21	66	.03	<3	.41	.04	.24	<2	.65
STANDARD DS3/AU-1	10	125	35	160	<.3	38	12	818	3.22	34	<8	<2	5	28	5.9	4	4	79	.54	.097	18	181	.60	152	.09	<3	1.76	.04	.17	4	3.42

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	gm/mt	
A 203282	3	21	5	25	<.3	4	3	320	2.01	3	<8	2	2	60	<.2	<3	<3	15	1.41	.059	6	25	.29	67	.05	4	.50	.07	.22	<2	1.30
A 203283	3	32	<3	19	<.3	1	4	317	2.07	3	<8	<2	2	65	<.2	<3	<3	9	1.69	.057	6	24	.23	57	.03	5	.46	.05	.22	<2	.49
A 203284	3	54	4	20	<.3	3	4	321	2.43	2	<8	<2	3	62	.2	<3	<3	11	1.76	.058	8	28	.24	66	.03	4	.47	.07	.26	<2	.72
A 203285	56	27	6	18	<.3	2	3	297	2.10	<2	<8	<2	2	61	<.2	<3	<3	13	1.44	.058	5	22	.26	45	.05	4	.46	.06	.24	<2	.23
A 203286	17	29	4	18	<.3	4	3	281	1.78	<2	<8	<2	2	65	<.2	<3	<3	12	1.41	.055	5	21	.26	48	.06	3	.50	.06	.26	<2	.25
A 203287	24	26	8	20	<.3	2	4	298	1.91	2	<8	<2	2	63	<.2	<3	<3	14	1.37	.056	6	26	.27	66	.05	4	.49	.07	.24	<2	.16
A 203288	32	98	4	21	<.3	5	5	324	1.70	2	<8	<2	2	61	<.2	<3	<3	14	1.34	.056	5	22	.32	33	.06	<3	.54	.05	.22	19	.16
A 203289	34	71	5	20	<.3	2	4	363	1.63	<2	<8	<2	3	66	<.2	<3	<3	13	1.72	.057	9	21	.29	66	.03	3	.54	.05	.23	6	.12
A 203290	12	63	3	10	<.3	2	5	428	1.45	<2	<8	<2	4	79	<.2	<3	<3	5	2.45	.054	10	21	.09	45	<.01	3	.43	.05	.31	2	.14
A 203291	3	33	<3	24	.4	3	4	381	2.05	<2	<8	<2	3	67	<.2	<3	<3	14	1.60	.056	7	25	.27	34	.03	4	.51	.05	.24	<2	.65
A 203292	2	44	4	19	.3	4	4	321	2.14	5	<8	<2	2	54	<.2	<3	<3	18	1.51	.056	5	25	.32	36	.06	3	.55	.06	.35	2	.89
RE A 203292	2	46	5	18	.4	5	4	328	2.14	6	<8	<2	2	55	<.2	<3	<3	18	1.51	.057	5	27	.32	36	.07	4	.55	.06	.35	2	1.34
RRE A 203292	3	47	3	19	.3	3	4	332	2.22	5	<8	<2	2	57	<.2	<3	<3	18	1.56	.057	5	23	.33	36	.06	3	.57	.06	.36	2	1.06
A 203293	1	30	<3	23	<.3	4	4	361	1.94	5	<8	<2	<2	53	<.2	<3	<3	24	1.29	.054	5	31	.37	34	.07	3	.61	.06	.36	4	.32
A 203294	2	43	<3	17	<.3	5	13	289	2.47	8	<8	2	2	36	<.2	<3	<3	33	1.04	.063	5	29	.43	36	.10	<3	.56	.05	.39	14	3.55
A 203295	1	174	<3	22	.4	24	23	475	3.39	8	<8	<2	<2	75	<.2	<3	<3	96	1.29	.122	3	76	1.40	60	.19	3	1.53	.03	1.04	5	.46
A 203296	2	268	<3	9	.4	23	41	300	2.93	11	<8	<2	<2	78	<.2	<3	<3	58	1.44	.152	2	69	.60	22	.16	4	.77	.04	.35	3	.15
A 203297	2	162	<3	16	.3	24	24	418	3.06	7	<8	<2	<2	91	<.2	<3	<3	76	1.63	.156	2	92	1.09	51	.18	<3	1.22	.04	.81	8	.10
A 203298	2	174	<3	15	.4	21	35	439	2.86	12	<8	<2	2	92	<.2	<3	<3	74	1.79	.147	2	85	1.04	56	.17	<3	1.21	.05	.78	2	.12
A 203299	4	175	3	22	<.3	20	31	497	3.43	8	<8	<2	<2	97	<.2	<3	<3	102	1.30	.162	2	65	1.31	82	.21	<3	1.54	.05	1.14	5	.11
A 203300	3	260	3	9	.4	27	31	326	2.56	9	<8	<2	<2	80	<.2	<3	<3	68	1.65	.135	1	81	.75	25	.17	3	.87	.05	.49	13	.05
STANDARD DS3/AU-1	10	126	37	160	<.3	36	11	782	3.22	32	9	<2	4	27	6.2	5	6	81	.54	.094	17	178	.59	146	.08	<3	1.73	.04	.16	3	3.38

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Sultan Minerals PROJECT KENA File # A104238 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt	gm/mt
SI	<1	<1	<3	1	<.3	<1	<1	9	.04	<2	<8	<2	<2	3	<.2	<3	<3	<1	.11	.001	1	5	.01	1	<.01	<3	.01	.37	<.01	<2	<.01	-
A 203301	5	331	5	10	.5	24	40	318	2.77	8	<8	<2	<2	112	<.2	<3	<3	70	1.98	.146	3	71	.57	18	.22	<3	.76	.05	.26	12	.10	-
A 203302	4	135	<3	14	<.3	25	37	430	2.77	11	<8	<2	<2	135	<.2	<3	<3	78	2.11	.140	2	89	.93	62	.21	<3	1.07	.04	.53	6	.06	-
A 203303	6	147	59	180	.7	24	37	1395	5.67	20	<8	<2	<2	110	1.9	<3	<3	151	4.16	.143	1	79	2.31	166	.22	<3	2.30	.03	1.94	17	.07	-
A 203304	2	452	53	258	1.3	33	38	1588	5.31	20	<8	<2	2	93	2.2	<3	<3	161	4.06	.137	3	149	2.55	119	.25	<3	2.49	.03	1.95	5	.06	-
A 203305	1	368	12	105	.6	32	39	1139	4.28	15	<8	<2	<2	83	.7	3	<3	135	3.00	.125	2	152	2.26	222	.27	<3	2.22	.03	1.81	<2	.02	-
A 203306	2	203	6	90	.4	33	34	730	3.31	11	<8	<2	<2	83	.3	<3	<3	102	1.85	.121	3	175	2.01	340	.25	<3	1.92	.03	1.01	<2	<.01	.01
A 203307	2	264	10	100	.8	44	45	1313	4.79	20	<8	<2	<2	93	.7	<3	<3	129	4.23	.116	1	227	2.56	137	.25	<3	2.37	.01	1.79	<2	<.01	.03
A 203308	2	336	13	109	.8	30	33	1271	5.10	17	<8	<2	<2	97	.9	<3	4	151	4.39	.128	3	152	2.70	120	.24	<3	2.40	.04	1.99	<2	.02	-
A 203309	2	475	25	211	1.0	37	36	1466	5.95	20	<8	<2	<2	111	1.5	<3	<3	197	5.47	.127	1	196	3.60	75	.24	<3	3.01	.03	2.00	<2	.02	-
A 203310	2	30	6	23	<.3	5	4	391	2.05	10	<8	<2	3	67	<.2	<3	<3	17	1.15	.064	8	43	.34	68	.06	<3	.65	.07	.37	3	.19	-
A 203311	2	42	4	28	<.3	5	3	567	1.60	6	<8	<2	3	102	<.2	<3	<3	14	1.69	.060	8	35	.29	70	.05	3	.66	.06	.37	<2	.10	-
A 203312	2	25	6	25	<.3	5	3	487	1.78	9	<8	<2	2	91	<.2	<3	<3	15	1.68	.061	7	44	.29	66	.05	3	.64	.07	.35	2	.23	-
A 203313	4	48	6	23	.3	4	4	478	2.03	10	<8	<2	2	81	<.2	<3	3	17	1.60	.060	7	43	.30	52	.06	<3	.62	.07	.36	2	.28	-
A 203314	2	39	4	16	<.3	5	5	524	2.03	9	<8	<2	3	99	<.2	<3	<3	14	1.97	.060	7	42	.24	71	.01	<3	.54	.07	.31	2	.23	-
A 203315	13	85	4	17	.4	3	4	491	1.86	6	<8	<2	3	97	<.2	<3	<3	10	1.99	.060	8	37	.23	103	.01	<3	.48	.06	.30	<2	.23	-
A 203316	2	91	4	19	.4	5	4	434	2.03	8	<8	<2	3	77	<.2	<3	<3	11	1.70	.063	11	43	.24	90	.01	4	.52	.07	.32	2	.27	-
A 203317	3	41	6	18	<.3	5	4	377	2.06	12	<8	<2	3	64	<.2	<3	<3	14	1.64	.061	11	39	.32	92	.03	3	.52	.08	.27	2	.33	-
A 203318	10	26	7	16	.3	5	3	358	2.28	6	<8	<2	3	68	<.2	<3	<3	16	1.77	.059	10	50	.30	48	.05	<3	.51	.07	.32	4	.35	-
A 203319	16	82	6	22	.3	4	6	358	2.03	5	<8	<2	2	66	<.2	<3	<3	20	1.48	.058	6	37	.34	42	.09	4	.55	.08	.30	4	.29	-
A 203320	1	55	7	24	<.3	5	4	426	1.83	8	<8	<2	2	83	<.2	<3	<3	20	1.47	.058	7	46	.34	40	.09	3	.62	.09	.27	4	.51	.61
RE A 203320	2	56	6	23	<.3	5	4	429	1.84	7	<8	<2	2	84	<.2	<3	<3	22	1.49	.060	7	47	.34	42	.09	3	.63	.09	.27	3	.40	.86
RRE A 203320	2	59	7	24	<.3	4	4	435	1.86	7	<8	<2	3	81	<.2	<3	<3	18	1.49	.061	7	37	.35	36	.08	3	.60	.07	.25	4	.34	.44
A 203321	1	64	7	30	<.3	5	3	479	1.74	11	<8	<2	2	91	.3	<3	<3	25	1.43	.064	6	41	.41	40	.12	5	.73	.09	.26	6	.22	-
A 203322	2	59	4	33	<.3	4	3	429	1.75	8	<8	<2	2	75	1.0	<3	<3	20	1.58	.060	6	35	.36	42	.08	4	.64	.08	.26	2	.61	-
A 203323	1	59	4	24	<.3	5	4	410	1.98	7	<8	<2	3	67	<.2	<3	<3	18	1.60	.058	7	32	.33	46	.08	4	.59	.07	.35	<2	.29	-
A 203324	21	28	6	28	<.3	4	5	426	2.16	7	<8	2	2	70	<.2	<3	3	18	1.65	.060	7	30	.35	52	.07	3	.62	.08	.38	2	1.66	-
A 203325	2	34	4	33	<.3	5	4	443	2.06	8	<8	<2	3	70	<.2	<3	<3	20	1.68	.061	8	37	.36	49	.07	<3	.63	.08	.38	2	.63	-
A 203326	2	28	5	27	<.3	3	3	374	1.86	9	<8	<2	2	67	.2	<3	<3	23	1.23	.058	6	34	.38	43	.09	<3	.63	.08	.32	3	.20	-
A 203327	1	34	3	28	<.3	4	3	434	1.78	8	<8	<2	2	80	<.2	<3	<3	17	1.61	.059	8	38	.32	67	.05	3	.61	.07	.30	2	.09	-
A 203328	11	31	6	22	<.3	4	6	396	2.36	6	<8	<2	3	84	.2	<3	<3	12	1.62	.059	10	33	.25	45	.03	<3	.46	.07	.26	2	.16	-
A 203329	2	22	5	29	<.3	5	4	356	1.99	10	<8	<2	3	65	<.2	<3	<3	19	.97	.058	7	43	.36	46	.09	<3	.62	.09	.30	2	.16	-
A 203330	3	16	6	22	<.3	5	4	275	2.50	7	<8	<2	3	43	<.2	<3	<3	18	.92	.058	8	37	.30	39	.06	<3	.50	.09	.28	2	.18	-
A 203331	1	38	4	23	.3	5	4	349	1.73	6	<8	<2	3	50	<.2	<3	<3	19	1.28	.060	8	41	.33	55	.08	<3	.56	.08	.34	2	.31	-
STANDARD DS3/AU-1	11	130	36	159	<.3	35	12	848	3.34	34	<8	<2	5	28	5.9	5	4	84	.56	.100	19	188	.63	159	.09	<3	1.84	.03	.17	4	3.35	-

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
 - SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 3 2001 DATE REPORT MAILED: Jan 8 / 02 SIGNED BY: [Signature] TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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gold reanalysis

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	gm/mt
A 203332	4	28	3	20	<.3	5	4	386	1.75	5	<8	<2	2	66	.3	<3	<3	17	1.53	.059	7	30	.33	53	.09	3	.61	.08	.43	<2	.25
A 203333	1	14	5	17	<.3	5	4	357	1.88	4	<8	<2	2	68	<.2	<3	3	14	1.75	.057	7	43	.25	52	.06	<3	.55	.07	.37	<2	.60
A 203334	2	11	<3	17	<.3	2	5	314	2.00	3	<8	<2	2	71	.3	<3	3	11	1.68	.058	8	33	.25	44	.02	3	.45	.07	.30	2	1.00
A 203335	15	77	3	15	<.3	6	5	314	2.20	<2	<8	<2	2	85	.2	<3	3	9	1.78	.058	7	42	.21	49	.01	7	.41	.08	.29	2	1.04
A 203336	11	25	<3	12	<.3	2	4	295	2.26	2	<8	<2	3	82	.2	<3	<3	11	1.84	.058	9	34	.21	63	.03	4	.44	.07	.29	2	.31
A 203337	12	43	4	11	<.3	4	3	252	2.31	<2	<8	<2	2	73	<.2	<3	<3	14	1.61	.058	9	43	.24	59	.05	5	.46	.07	.31	<2	.84
A 203338	9	29	<3	14	<.3	4	4	276	2.22	4	<8	<2	2	83	<.2	<3	<3	16	1.60	.060	7	39	.27	47	.06	4	.48	.07	.34	<2	.46
A 203339	3	74	10	147	<.3	192	40	847	5.87	<2	<8	<2	7	1247	1.5	<3	<3	140	4.38	.469	135	114	4.53	2916	.05	4	3.58	.77	2.23	<2	<.01
A 203340	5	55	<3	13	.3	3	5	304	2.47	2	<8	<2	2	86	.2	<3	<3	18	1.68	.058	8	40	.26	53	.07	5	.47	.08	.30	<2	.23
A 203341	8	42	6	10	<.3	5	3	348	2.02	2	<8	<2	2	91	<.2	<3	<3	12	1.97	.060	8	39	.19	57	.05	4	.46	.07	.32	<2	.30
A 203342	3	39	3	11	<.3	4	4	315	2.12	2	<8	<2	3	84	.2	<3	<3	11	1.81	.059	8	35	.20	48	.02	5	.47	.07	.34	<2	.30
A 203343	3	51	3	13	<.3	4	5	339	2.12	3	<8	<2	3	80	<.2	<3	<3	11	1.85	.060	9	41	.21	58	.06	5	.45	.07	.29	2	.64
A 203344	4	54	7	13	.3	2	5	276	2.57	3	<8	<2	3	59	.4	<3	4	12	1.42	.059	9	38	.22	57	.05	3	.44	.08	.26	3	.52
A 203345	1	62	3	12	<.3	5	5	440	1.88	3	<8	<2	2	93	.3	<3	<3	11	2.47	.057	5	37	.21	56	.05	3	.50	.07	.29	5	.49
A 203346	10	116	<3	14	.3	3	3	311	2.16	5	<8	<2	3	71	.4	<3	3	13	1.74	.059	6	32	.24	45	.07	5	.46	.06	.27	2	1.25
A 203347	2	71	3	17	.5	5	4	393	1.95	<2	<8	<2	2	91	.3	<3	<3	12	2.00	.058	6	38	.23	49	.05	4	.49	.06	.30	2	.29
A 203348	4	43	5	15	<.3	5	3	288	2.21	2	<8	<2	3	73	<.2	<3	<3	12	1.54	.058	6	38	.27	46	.07	4	.48	.08	.32	5	.23
A 203349	3	32	4	13	<.3	5	3	276	2.22	2	<8	<2	3	79	<.2	<3	<3	12	1.50	.056	6	40	.22	50	.04	6	.45	.07	.30	2	.19
A 203350	3	46	<3	12	<.3	3	3	305	2.15	2	<8	<2	3	83	<.2	<3	<3	12	1.72	.058	7	36	.25	75	.05	5	.47	.07	.30	<2	.13
RE A 203350	2	46	<3	13	<.3	3	3	308	2.14	<2	<8	<2	2	83	.4	<3	3	13	1.71	.058	7	32	.25	74	.04	4	.47	.07	.31	<2	.21
RRE A 203350	2	46	3	14	<.3	5	3	306	2.15	2	<8	<2	3	85	.2	<3	<3	12	1.75	.058	7	36	.25	75	.04	<3	.48	.07	.31	<2	.17
A 203351	2	77	<3	12	<.3	3	4	382	1.98	3	<8	<2	3	97	.3	<3	<3	8	2.08	.059	8	31	.16	56	.02	<3	.44	.06	.28	<2	.12
A 203352	2	18	<3	14	<.3	5	3	350	1.80	2	<8	<2	3	85	.2	<3	<3	14	1.89	.058	6	41	.25	64	.06	<3	.49	.07	.28	3	.11
A 203353	3	19	6	12	<.3	4	4	350	2.07	<2	<8	<2	3	97	<.2	<3	<3	12	2.13	.065	9	34	.23	65	.06	4	.50	.08	.29	3	.06
A 203354	4	27	<3	13	<.3	5	5	313	1.93	4	<8	<2	3	83	.2	<3	<3	11	1.80	.058	7	38	.23	59	.06	4	.52	.07	.32	3	.11
A 203355	8	38	<3	18	<.3	3	6	294	2.11	2	<8	<2	3	82	.2	<3	3	11	1.85	.058	6	32	.24	45	.06	<3	.47	.07	.29	12	.08
A 203356	7	37	<3	11	<.3	3	7	261	1.82	<2	<8	<2	3	75	<.2	<3	<3	10	1.69	.057	7	31	.21	51	.06	5	.50	.07	.32	3	.08
A 203357	7	55	5	15	<.3	3	7	249	1.91	2	<8	<2	3	72	.2	<3	<3	12	1.70	.057	6	35	.21	53	.07	4	.48	.06	.33	3	.13
A 203358	5	35	4	17	<.3	4	6	269	1.93	2	<8	<2	3	78	<.2	<3	<3	16	1.60	.060	8	34	.28	65	.08	<3	.55	.07	.34	2	.08
A 203359	3	67	5	13	<.3	2	6	246	2.11	2	<8	<2	4	70	<.2	<3	<3	12	1.56	.058	7	34	.24	69	.04	4	.48	.06	.29	<2	.07
A 203360	4	30	3	10	<.3	4	5	192	2.13	2	8	<2	3	62	<.2	<3	<3	11	1.51	.059	8	30	.21	56	.06	4	.46	.06	.32	2	.09
A 203361	4	51	<3	10	<.3	3	5	198	2.09	2	8	<2	3	65	.4	<3	<3	11	1.52	.057	7	26	.21	49	.06	<3	.43	.06	.30	2	.10
A 203362	15	15	3	10	<.3	4	5	212	2.73	2	<8	<2	4	67	.4	<3	<3	7	1.42	.054	8	38	.12	53	.01	3	.35	.05	.26	2	.68
A 203363	8	32	<3	16	<.3	4	5	326	2.09	3	<8	<2	3	80	.2	<3	<3	9	1.68	.060	6	26	.24	57	.04	4	.48	.06	.36	5	.74
STANDARD DS3/AU-1	9	126	35	157	<.3	37	12	802	3.20	32	<8	<2	4	27	5.9	6	3	80	.54	.094	18	198	.61	149	.09	3	1.75	.04	.17	4	3.36

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203364	19	14	5	4	.3	3	4	170	2.34	<2	<8	<2	4	54	<2	<3	<3	7	1.03	.050	5	36	.11	50	.03	3	.32	.05	.27	18	.54
A 203365	24	32	<3	13	<.3	3	4	314	1.77	<2	<8	<2	3	85	.2	<3	<3	10	1.55	.055	6	24	.22	46	.03	<3	.44	.05	.32	6	.47
A 203366	2	18	4	20	<.3	4	4	447	1.51	2	<8	<2	<2	84	<.2	<3	<3	10	1.75	.058	4	22	.25	53	.05	3	.55	.06	.38	13	.24
A 203367	21	20	<3	20	<.3	4	5	374	1.91	<2	<8	<2	2	71	<.2	<3	<3	11	1.46	.056	7	20	.25	52	.04	3	.49	.06	.32	26	.41
A 203368	46	14	<3	4	<.3	5	5	281	1.29	<2	<8	<2	3	55	<.2	<3	<3	6	1.28	.057	6	19	.08	99	.02	4	.34	.05	.28	8	.21
A 203369	4	14	<3	13	<.3	3	4	408	1.60	<2	<8	<2	2	66	<.2	<3	<3	9	1.55	.056	6	19	.23	78	.02	3	.47	.05	.27	8	.92
A 203370	3	14	<3	11	<.3	4	4	373	1.75	<2	<8	<2	2	71	<.2	<3	<3	11	1.58	.058	5	24	.26	76	.03	3	.52	.06	.23	3	.68
A 203371	7	29	<3	12	<.3	3	4	377	1.72	2	<8	<2	<2	80	<.2	<3	<3	8	1.66	.057	4	24	.22	107	.03	<3	.52	.05	.29	<2	1.24
A 203372	4	53	3	9	<.3	3	4	332	1.80	<2	<8	<2	2	77	<.2	<3	<3	8	1.86	.056	6	19	.16	79	.02	<3	.42	.06	.28	<2	.78
A 203373	4	34	<3	11	<.3	3	4	290	1.90	<2	<8	<2	3	81	<.2	<3	<3	7	1.85	.056	7	18	.15	56	.01	3	.37	.06	.24	<2	.67
A 203374	2	22	3	8	<.3	4	6	246	2.35	2	<8	<2	2	81	<.2	<3	<3	8	1.80	.055	6	24	.20	58	<.01	<3	.38	.06	.22	<2	1.44
RE A 203374	2	22	3	9	<.3	4	6	248	2.35	<2	<8	<2	3	81	<.2	<3	<3	10	1.83	.056	6	25	.20	59	.01	3	.38	.07	.22	<2	1.18
RRE A 203374	2	22	<3	9	<.3	3	6	242	2.34	2	<8	<2	3	81	<.2	<3	<3	9	1.81	.057	6	23	.20	57	.01	<3	.37	.05	.21	<2	1.22
A 203375	5	124	<3	27	.3	26	26	559	3.86	8	<8	<2	2	80	<.2	<3	<3	84	1.97	.114	3	83	1.71	92	.15	<3	1.57	.06	1.07	7	.75
A 203376	5	114	<3	23	<.3	33	43	587	4.41	9	<8	<2	<2	100	<.2	<3	<3	102	2.14	.135	2	99	1.92	64	.14	<3	1.52	.04	.61	5	.52
A 203377	6	129	<3	33	<.3	34	38	685	4.84	4	<8	<2	<2	127	<.2	<3	<3	124	2.50	.140	2	113	2.44	110	.15	<3	1.96	.04	.78	5	.30
A 203378	3	127	3	25	<.3	31	35	548	4.20	10	<8	<2	<2	79	<.2	<3	<3	87	1.66	.143	1	96	1.77	127	.16	<3	1.57	.05	.85	<2	.69
A 203379	2	151	4	26	<.3	35	16	733	4.81	13	<8	<2	<2	90	<.2	<3	<3	116	2.75	.139	3	109	2.06	112	.14	<3	1.81	.03	.67	<2	.44
A 203380	1	119	<3	35	<.3	38	36	930	5.09	12	<8	<2	<2	112	.7	<3	<3	144	4.61	.133	1	129	3.06	252	.17	<3	2.73	.03	1.29	2	.17
A 203381	3	165	5	26	<.3	42	47	697	4.71	17	<8	<2	<2	83	.4	<3	6	110	2.77	.142	1	122	2.08	162	.19	<3	2.12	.04	1.40	<2	.18
A 203382	2	302	<3	24	.6	35	62	728	5.66	13	<8	<2	<2	87	.3	<3	<3	109	3.59	.121	1	108	1.82	73	.17	<3	1.85	.03	1.15	<2	.33
A 203383	2	229	<3	40	.3	41	32	883	5.33	10	<8	<2	<2	89	.5	<3	<3	154	3.92	.145	2	125	3.07	293	.21	<3	2.84	.02	1.87	2	.20
A 203384	3	270	3	24	.5	34	36	761	5.03	26	<8	<2	<2	63	.4	<3	<3	122	3.21	.131	1	115	1.59	121	.18	<3	1.58	.05	1.10	5	.34
STANDARD DS3/AU-1	10	128	35	158	<.3	36	12	818	3.24	33	<8	<2	4	27	5.8	6	5	80	.53	.097	18	189	.61	153	.08	<3	1.77	.04	.17	4	3.38

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104259 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	1	1	<3	1	<.3	<1	<1	6	.04	<2	<8	<2	<2	2	<.2	<3	<3	<1	.09	<.001	<1	5	<.01	3	<.01	<3	.01	.44	.01	<2	<.01
A 203385	2	240	<3	29	.8	35	34	908	4.86	18	<8	<2	<2	59	.2	6	6	125	2.41	.133	1	106	2.41	369	.21	3	2.76	.05	2.04	<2	.18
A 203386	<1	165	<3	24	.4	36	33	690	3.69	12	<8	<2	<2	73	<.2	4	4	104	1.94	.132	1	143	1.91	204	.19	3	2.09	.03	1.63	<2	.16
A 203387	2	313	3	13	1.0	24	40	526	3.22	10	<8	<2	<2	87	<.2	3	4	78	2.27	.129	1	117	1.20	69	.16	<3	1.28	.04	.69	<2	.18
A 203388	1	350	<3	13	1.1	28	44	529	3.72	12	<8	<2	<2	81	.2	<3	7	76	2.50	.126	1	120	1.13	81	.16	<3	1.22	.03	.76	<2	.23
A 203389	2	221	<3	12	.7	30	50	556	4.42	13	<8	<2	<2	77	<.2	5	6	80	2.64	.125	2	98	1.09	86	.15	<3	1.23	.04	.67	<2	.29
A 203390	1	178	<3	16	.7	38	38	797	4.26	20	<8	<2	<2	84	.2	5	3	94	3.59	.118	1	146	1.88	187	.17	<3	2.02	.04	1.27	<2	.17
A 203391	<1	187	<3	28	.5	54	40	1099	5.38	22	<8	<2	<2	141	.3	7	5	176	4.70	.098	2	282	3.46	225	.19	<3	3.39	.03	1.85	<2	.14
A 203392	2	133	5	82	.5	52	39	1443	6.09	12	<8	<2	2	215	.4	8	<3	200	5.90	.091	3	274	3.86	195	.18	<3	3.72	.02	1.83	<2	.27
A 203393	3	546	540	1617	3.6	32	36	1716	5.96	8	<8	<2	<2	216	17.2	8	5	123	6.72	.107	3	133	2.52	129	.14	4	2.72	.01	1.16	<2	.59
A 203394	2	229	8	129	.6	21	34	2099	6.39	11	<8	<2	2	181	.4	7	4	166	5.34	.154	5	70	2.57	191	.19	<3	3.04	.03	1.45	3	.14
A 203395	2	438	17	155	1.2	32	33	3572	6.04	9	<8	<2	<2	216	1.0	10	5	175	7.09	.121	2	164	3.09	165	.16	<3	3.00	.03	1.29	2	.04
A 203396	1	195	14	107	.7	53	42	2721	6.39	11	<8	<2	<2	246	.4	10	3	193	5.02	.112	2	274	3.97	160	.18	<3	3.36	.03	1.45	3	.05
A 203397	<1	242	12	95	.5	52	41	1833	5.67	11	<8	<2	<2	116	.4	10	5	170	4.68	.104	2	282	3.76	240	.17	<3	3.25	.02	1.01	<2	.04
A 203398	1	189	9	87	.5	38	39	1863	5.38	9	<8	<2	<2	89	<.2	7	3	143	4.29	.114	2	175	2.67	125	.20	<3	2.57	.04	1.96	2	.04
A 203399	3	632	5	97	.8	37	44	1296	5.17	10	<8	<2	<2	72	<.2	7	3	197	2.56	.126	1	176	2.60	138	.23	<3	2.65	.04	2.11	2	.06
A 203400	<1	317	6	79	.6	62	47	1160	4.82	11	<8	<2	<2	68	<.2	7	5	154	3.42	.106	1	361	2.53	172	.22	<3	2.59	.03	2.21	2	.04
RE A 203400	<1	311	10	76	.7	60	46	1132	4.69	9	<8	<2	<2	67	<.2	8	4	150	3.33	.101	1	351	2.47	185	.22	<3	2.52	.03	2.15	2	.05
RRE A 203400	1	309	8	77	.7	60	45	1133	4.69	11	<8	<2	<2	66	<.2	7	8	151	3.31	.105	1	351	2.48	180	.22	<3	2.53	.03	2.17	2	.05
A 203401	1	25	7	15	<.3	5	4	355	1.81	3	<8	<2	2	79	<.2	<3	<3	9	1.63	.056	8	35	.23	79	.01	<3	.42	.07	.22	<2	.70
A 203402	2	35	7	15	.6	3	4	360	1.96	3	<8	4	2	85	.2	<3	<3	8	1.79	.055	6	32	.22	91	.01	<3	.40	.07	.22	<2	3.51
A 203403	1	50	8	15	.4	5	7	309	2.17	4	<8	<2	2	80	<.2	<3	3	9	1.61	.057	9	40	.21	81	.01	<3	.43	.07	.22	<2	.71
A 203404	3	43	4	13	.4	2	5	323	2.10	7	<8	<2	2	79	.2	<3	5	7	1.64	.056	7	37	.20	75	<.01	<3	.38	.06	.22	<2	.41
A 203405	<1	89	7	17	.5	4	3	350	1.75	4	<8	<2	2	88	.2	<3	<3	11	1.73	.056	7	37	.25	56	.02	<3	.48	.08	.24	2	.56
A 203406	1	39	8	17	.5	3	7	326	2.35	8	<8	<2	<2	76	<.2	<3	4	10	1.57	.056	6	35	.22	44	.02	<3	.47	.06	.25	<2	.67
A 203407	1	31	9	14	.3	4	5	381	1.98	4	<8	<2	2	83	<.2	<3	<3	10	1.84	.056	6	35	.22	54	.03	<3	.53	.07	.31	<2	.20
A 203408	1	19	6	16	<.3	3	4	356	1.63	<2	<8	<2	2	82	<.2	<3	3	8	1.67	.055	8	30	.21	80	.01	<3	.45	.07	.26	<2	.26
A 203409	7	12	8	13	.6	3	7	283	2.42	6	<8	<2	2	60	<.2	<3	5	6	1.46	.053	10	32	.23	69	<.01	<3	.32	.06	.21	<2	.64
A 203410	2	28	8	11	.5	4	7	273	2.09	3	<8	<2	2	57	<.2	<3	4	7	1.45	.055	7	34	.23	73	.01	3	.35	.07	.23	<2	.42
A 203411	1	65	7	12	.5	3	6	293	1.86	4	<8	<2	2	59	<.2	<3	4	10	1.59	.057	7	32	.23	49	.03	<3	.44	.07	.25	<2	.33
A 203412	5	41	7	14	.6	4	6	330	2.30	3	<8	<2	2	69	<.2	<3	<3	11	1.73	.056	7	36	.24	45	.02	4	.47	.07	.24	2	.60
A 203413	2	31	8	16	.3	3	5	347	1.69	3	<8	<2	<2	68	<.2	<3	<3	11	1.64	.055	6	32	.25	49	.04	<3	.48	.07	.25	<2	.21
A 203414	1	41	8	19	.4	4	4	393	1.77	2	<8	<2	2	73	.2	<3	<3	8	1.96	.056	10	32	.23	109	.01	3	.48	.07	.25	<2	.35
A 203415	2	224	7	16	.8	3	3	294	1.87	3	<8	2	2	66	.2	<3	<3	10	1.72	.056	8	34	.21	56	.03	3	.47	.07	.24	2	2.04
STANDARD DS3/AU-1	9	119	35	148	.3	35	11	765	3.02	29	<8	<2	3	25	5.5	7	5	72	.52	.090	16	180	.56	146	.08	<3	1.73	.04	.16	5	3.33

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 4 2001 DATE REPORT MAILED: *Jan 2/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gmi/mt
A 203416	1	25	<3	13	.4	4	5	261	2.08	3	<8	2	2	63	<.2	<3	<3	11	1.49	.055	6	40	.21	55	.05	6	.44	.07	.28	4	2.11
A 203417	61	11	4	11	.7	3	7	222	2.48	4	<8	2	2	53	<.2	<3	5	10	1.33	.052	8	38	.20	55	.02	<3	.37	.07	.21	2	3.06
A 203418	1	12	6	11	.6	4	4	245	2.64	3	<8	4	2	55	<.2	<3	4	10	1.38	.054	8	39	.23	53	.02	<3	.40	.07	.23	3	3.81
A 203419	2	25	5	10	.6	3	5	223	2.60	3	<8	2	2	61	<.2	<3	4	9	1.38	.053	7	35	.19	53	.02	<3	.38	.07	.23	<2	2.76
A 203420	1	70	6	14	.5	4	4	320	1.76	3	<8	<2	2	80	<.2	<3	4	10	1.72	.055	7	40	.23	57	.02	<3	.48	.07	.29	<2	.35
A 203421	2	48	<3	13	.4	3	4	313	1.84	2	<8	<2	2	77	.3	<3	<3	7	1.72	.055	8	33	.21	77	<.01	3	.41	.07	.21	<2	.70
A 203422	1	34	5	11	<.3	4	3	287	1.91	<2	<8	<2	2	71	<.2	<3	3	8	1.67	.054	9	33	.16	71	.01	4	.37	.08	.21	<2	.46
A 203423	3	12	5	15	<.3	3	4	254	1.90	<2	<8	<2	2	60	<.2	<3	<3	9	1.50	.055	9	33	.22	58	.02	3	.42	.08	.23	<2	.43
A 203424	9	16	<3	12	<.3	4	5	225	1.94	<2	<8	<2	2	56	<.2	<3	<3	9	1.40	.055	8	41	.19	54	.02	<3	.43	.08	.24	<2	.24
A 203425	2	5	<3	7	<.3	3	3	243	1.88	<2	<8	<2	2	70	<.2	<3	<3	6	1.95	.055	9	32	.11	73	.02	3	.36	.07	.22	<2	.64
A 203426	3	7	4	7	.3	4	3	174	2.04	<2	<8	<2	2	62	<.2	<3	<3	10	1.55	.054	6	39	.15	48	.04	3	.41	.07	.24	<2	.54
A 203427	5	5	<3	7	<.3	3	4	184	1.84	<2	<8	<2	2	69	.2	<3	<3	8	1.70	.053	7	32	.14	44	.02	3	.38	.07	.24	<2	.73
A 203428	9	13	7	10	.3	4	2	184	1.99	<2	<8	<2	2	58	<.2	<3	<3	10	1.40	.054	6	38	.20	47	.05	<3	.44	.08	.28	<2	1.44
A 203429	6	11	6	10	<.3	3	4	179	1.96	<2	<8	<2	<2	53	<.2	<3	<3	10	1.39	.052	4	33	.19	43	.05	<3	.40	.06	.27	<2	2.53
A 203430	2	14	4	11	<.3	4	5	205	1.78	2	<8	<2	<2	65	<.2	<3	<3	9	1.48	.053	5	34	.21	51	.06	<3	.46	.08	.31	<2	.35
RE A 203430	3	14	4	12	<.3	4	5	208	1.80	2	<8	<2	<2	66	<.2	<3	<3	10	1.51	.054	5	36	.22	52	.06	<3	.48	.08	.32	<2	.36
RRE A 203430	3	12	3	11	<.3	3	4	204	1.75	<2	<8	<2	<2	63	<.2	<3	<3	10	1.48	.054	4	31	.21	45	.06	<3	.43	.07	.29	<2	.40
A 203431	2	14	<3	10	<.3	4	4	235	1.88	2	<8	<2	2	66	<.2	<3	<3	9	1.48	.053	5	36	.18	56	.05	<3	.44	.08	.28	<2	.38
A 203432	2	27	3	11	<.3	3	3	284	1.58	<2	<8	<2	2	82	.2	<3	<3	7	1.81	.055	5	27	.17	63	.04	<3	.44	.07	.30	<2	.29
A 203433	34	56	3	8	.6	4	5	200	2.62	<2	<8	<2	2	66	<.2	<3	<3	7	1.36	.052	6	39	.14	52	.04	<3	.41	.07	.27	<2	.66
A 203434	5	54	6	15	.4	17	6	281	2.37	<2	<8	<2	3	194	<.2	<3	<3	21	1.82	.137	19	35	.61	110	.08	<3	.83	.16	.42	<2	.48
A 203435	11	32	<3	12	.3	3	5	254	2.04	<2	<8	<2	2	81	.2	<3	4	9	1.70	.056	6	30	.21	87	.02	<3	.44	.07	.24	<2	.38
A 203436	2	35	3	11	<.3	4	4	232	2.14	<2	<8	<2	2	72	<.2	<3	4	8	1.60	.055	10	32	.19	64	.01	<3	.41	.07	.23	<2	.39
A 203437	2	8	4	11	<.3	3	4	213	2.08	<2	<8	<2	2	60	<.2	<3	<3	11	1.40	.055	9	33	.23	41	.03	<3	.41	.07	.21	<2	.25
A 203438	<1	15	4	12	<.3	4	3	267	1.94	<2	<8	<2	2	67	.2	<3	<3	11	1.60	.054	8	38	.24	46	.03	<3	.44	.07	.24	<2	.25
A 203439	1	18	6	12	<.3	10	5	232	2.03	<2	<8	<2	2	126	<.2	<3	<3	15	1.59	.098	13	33	.43	136	.06	<3	.61	.13	.32	<2	.09
A 203440	2	25	6	9	<.3	4	4	201	2.13	<2	<8	<2	2	67	<.2	<3	<3	7	1.46	.054	8	35	.19	71	.02	<3	.40	.07	.26	<2	.24
A 203441	6	45	3	9	.4	3	3	180	1.97	<2	<8	<2	2	65	<.2	<3	<3	7	1.40	.055	6	31	.14	72	.02	3	.35	.07	.25	<2	.13
A 203442	12	49	3	12	.6	4	4	197	2.21	<2	<8	<2	2	67	.2	<3	<3	8	1.39	.054	5	35	.16	53	.01	4	.37	.08	.25	2	.31
A 203443	25	28	<3	12	.4	2	5	178	2.21	<2	<8	<2	2	66	.2	<3	<3	8	1.33	.056	5	31	.19	62	.02	<3	.38	.07	.24	2	.25
A 203444	16	32	<3	23	1.0	4	5	173	2.11	<2	<8	<2	2	62	.8	<3	<3	8	1.26	.054	5	36	.21	77	.03	<3	.42	.07	.28	3	.75
A 203445	14	43	6	13	2.2	3	5	169	2.08	<2	<8	<2	2	65	<.2	<3	189	7	1.33	.053	6	31	.18	77	.02	<3	.36	.07	.25	10	.65
A 203446	33	48	5	15	1.0	7	4	208	2.30	25	<8	<2	2	98	<.2	<3	10	26	1.39	.074	10	40	.48	106	.07	<3	.55	.10	.27	2	.87
A 203447	3	26	<3	14	<.3	4	4	302	1.85	<2	<8	<2	<2	76	<.2	<3	<3	7	1.60	.057	8	34	.21	102	.02	<3	.43	.08	.26	<2	.84
STANDARD DS3/AU-1	9	121	37	150	<.3	36	11	774	3.06	32	<8	<2	3	25	5.4	5	6	73	.50	.090	16	186	.56	152	.08	<3	1.74	.04	.15	6	3.39

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203448	13	25	4	13	.3	3	5	329	1.74	<2	<8	3	2	75	<.2	<3	4	8	1.67	.057	7	27	.19	73	.02	3	.43	.06	.26	<2	1.16
A 203449	13	28	<3	17	<.3	3	4	332	1.81	2	<8	<2	2	70	<.2	<3	3	14	1.50	.058	7	34	.27	47	.05	4	.52	.07	.25	<2	.15
A 203450	4	41	4	16	<.3	3	5	362	1.55	<2	<8	<2	<2	88	<.2	<3	<3	12	1.43	.057	4	28	.27	58	.06	4	.59	.08	.23	<2	.19
A 203451	2	18	3	18	.3	4	4	422	1.37	<2	<8	2	<2	120	<.2	<3	<3	12	1.68	.058	4	40	.26	122	.04	5	.61	.07	.25	<2	.51
A 203452	11	17	4	26	.3	2	4	465	1.48	3	<8	2	<2	96	<.2	<3	3	14	1.39	.057	4	34	.32	42	.06	4	.65	.08	.22	2	.35
A 203453	2	23	<3	24	<.3	4	4	449	1.62	<2	<8	<2	<2	109	<.2	<3	4	13	1.56	.057	3	40	.30	46	.06	3	.66	.09	.29	<2	.09
A 203454	1	26	3	26	.3	3	4	389	1.76	4	<8	<2	<2	86	<.2	<3	4	18	1.20	.058	4	36	.34	33	.07	3	.63	.08	.22	2	.25
A 203455	2	105	9	20	.5	6	11	356	2.62	12	<8	<2	2	82	.3	<3	3	37	1.66	.070	5	34	.51	32	.06	<3	.71	.06	.30	3	1.11
A 203456	2	340	14	27	1.2	21	25	838	4.94	37	<8	2	<2	133	1.0	7	<3	119	3.32	.160	3	58	1.69	67	.13	<3	1.78	.04	1.24	9	2.10
A 203457	2	454	<3	21	.7	24	32	646	4.33	46	<8	3	<2	74	.9	4	<3	97	2.27	.164	2	69	1.40	63	.15	<3	1.61	.05	1.02	3	1.79
A 203458	2	294	6	28	<.3	28	19	796	4.63	45	9	2	<2	64	.5	6	3	100	2.08	.153	2	76	1.90	103	.16	<3	2.20	.05	1.36	2	1.47
A 203459	2	382	4	21	.4	29	31	517	4.18	71	<8	<2	<2	67	.7	6	5	85	1.72	.170	2	66	1.23	65	.16	3	1.53	.06	.86	5	1.10
A 203460	2	434	4	9	.8	27	39	368	4.37	59	<8	4	2	78	.3	4	7	57	2.26	.170	3	55	.48	30	.15	4	.76	.06	.29	2	1.78
RE A 203460	3	422	5	9	.8	27	39	366	4.36	61	<8	3	<2	74	.2	<3	7	56	2.29	.172	2	51	.49	29	.14	5	.76	.05	.29	2	1.95
RRE A 203460	1	414	3	10	.7	28	39	362	4.31	57	<8	2	<2	73	.4	<3	7	55	2.25	.170	2	49	.48	27	.14	3	.76	.05	.29	3	1.90
A 203461	3	314	4	12	.5	26	36	448	4.53	46	<8	<2	<2	59	.3	3	6	63	2.26	.160	2	52	.66	27	.14	3	.82	.04	.34	3	.75
A 203462	1	484	5	16	1.5	23	39	454	4.67	39	<8	5	<2	55	.5	4	4	64	1.96	.142	2	42	.69	23	.14	3	.86	.04	.34	3	3.77
A 203463	7	153	5	11	<.3	23	41	406	5.23	36	<8	<2	<2	39	<.2	<3	5	78	2.25	.135	1	38	.65	23	.13	<3	.70	.03	.34	5	1.36
A 203464	3	337	<3	11	.6	46	27	342	4.04	32	<8	<2	<2	58	.3	3	<3	63	1.62	.150	2	48	.69	38	.15	<3	.96	.05	.52	2	1.56
A 203465	2	135	3	19	<.3	24	35	511	4.43	26	<8	<2	<2	66	.2	4	4	78	1.33	.157	3	38	1.31	46	.15	<3	1.54	.06	.68	2	.25
A 203466	2	177	5	27	<.3	25	30	661	4.46	13	<8	2	<2	73	<.2	6	<3	95	1.09	.157	3	39	1.96	88	.18	4	2.43	.07	1.32	<2	2.17
A 203467	1	292	6	31	.5	52	23	655	4.49	14	<8	4	<2	61	.2	7	4	99	1.15	.151	2	73	2.03	127	.17	<3	2.39	.06	1.45	5	2.33
A 203468	2	525	5	25	.9	31	31	694	4.92	23	<8	<2	<2	96	.2	6	4	98	2.17	.145	2	64	1.86	111	.17	3	2.06	.05	1.10	3	.81
A 203469	3	308	4	17	.7	37	47	467	4.16	29	<8	<2	<2	85	.3	4	<3	76	1.94	.145	1	90	1.16	58	.16	4	1.26	.05	.60	3	.34
A 203470	2	278	<3	12	.6	25	20	295	2.44	16	<8	<2	<2	97	<.2	3	4	59	1.89	.154	2	63	.53	13	.16	4	.69	.04	.11	<2	.42
A 203471	5	227	4	8	.6	29	38	329	3.75	21	<8	<2	<2	96	<.2	<3	3	57	2.44	.133	1	55	.50	14	.16	<3	.58	.04	.11	2	.61
A 203472	2	154	4	13	.5	24	41	347	3.07	17	<8	<2	<2	110	<.2	5	<3	58	2.05	.138	1	74	.76	18	.15	5	.84	.03	.14	<2	.22
A 203473	2	141	<3	25	<.3	15	22	818	4.19	17	<8	<2	<2	128	<.2	4	<3	112	2.37	.147	4	34	2.08	112	.15	<3	2.13	.06	.79	<2	.24
A 203474	1	159	4	24	<.3	15	25	827	4.59	12	<8	<2	<2	87	.2	4	<3	113	2.61	.161	2	29	2.15	255	.18	3	2.43	.06	1.60	<2	.16
A 203475	2	230	<3	23	.4	15	27	823	4.80	13	<8	<2	<2	76	<.2	4	<3	107	1.99	.159	3	33	2.12	184	.19	<3	2.51	.07	1.66	2	.16
A 203476	2	129	<3	25	<.3	13	18	822	4.22	9	<8	<2	<2	95	<.2	5	<3	86	1.84	.163	3	32	2.29	444	.20	4	2.77	.06	1.95	<2	.07
A 203477	4	122	<3	26	.3	14	24	841	4.00	9	<8	<2	<2	113	<.2	5	<3	91	2.17	.160	3	44	2.16	257	.19	4	2.57	.05	1.81	<2	.12
A 203478	2	170	4	12	.5	22	19	782	2.92	9	<8	<2	<2	106	<.2	4	3	77	3.92	.127	2	68	.89	49	.17	<3	1.10	.04	.73	<2	.39
A 203479	3	182	<3	17	.5	29	32	886	4.08	11	<8	<2	<2	88	<.2	4	<3	92	3.45	.120	1	94	1.21	148	.16	<3	1.35	.05	.97	<2	.89
STANDARD DS3/AU-1	9	122	36	147	<.3	36	11	783	3.08	29	<8	<2	4	26	5.4	5	5	76	.50	.092	17	183	.56	143	.08	3	1.71	.03	.16	5	3.42

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203480	1	256	<3	23	.5	41	35	1199	6.49	17	10	7	2	106	.4	5	<3	166	5.11	.113	2	138	2.39	281	.23	<3	2.49	.06	1.99	<2	.84
A 203481	2	189	<3	24	<.3	26	37	996	5.28	14	8	<2	2	125	.3	6	<3	145	3.40	.136	3	84	2.30	389	.25	3	2.50	.07	1.93	2	.14
A 203482	2	152	4	68	<.3	36	29	1386	5.69	16	<8	<2	2	133	.6	8	<3	168	5.00	.128	2	140	3.12	263	.22	3	3.24	.04	1.79	3	.10
A 203483	2	147	5	104	<.3	16	26	1409	5.14	13	9	<2	2	139	.4	7	<3	171	3.43	.155	4	30	2.40	339	.28	4	2.93	.09	2.18	5	<.01
A 203484	3	197	<3	203	.6	24	27	1806	5.41	18	<8	<2	<2	123	1.4	7	<3	124	4.46	.141	3	79	2.30	220	.22	3	2.54	.04	1.42	<2	.14
A 203485	3	197	4	103	<.3	15	24	1408	4.69	14	<8	<2	2	158	.5	6	3	141	3.55	.154	5	25	2.09	304	.26	5	2.64	.08	1.76	3	.02
A 203486	3	193	9	137	.7	22	26	2070	5.01	19	<8	<2	2	165	.6	7	<3	126	5.42	.144	4	71	1.90	265	.24	5	2.38	.06	1.75	3	.03
A 203487	2	135	45	599	1.1	16	27	2006	5.52	35	<8	<2	<2	138	3.2	5	<3	98	4.79	.163	4	19	1.45	188	.20	<3	2.02	.04	1.48	<2	.19
STANDARD DS3/AU-1	10	119	31	151	<.3	36	10	779	3.08	29	<8	<2	4	28	5.4	6	6	79	.51	.093	18	190	.58	153	.10	8	1.72	.04	.17	6	3.32

Sample type: CORE R150 60c.



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104310 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	1	3	1	<.3	1	<1	4	.03	<2	<8	<2	<2	2	<.2	<3	<3	<1	.07	<.001	<1	<1	<.01	3	<.01	<3	.01	.47	.01	<2	<.01
A 203488	2	9	4	13	<.3	3	5	253	1.72	5	<8	<2	<2	44	<.2	<3	3	9	1.01	.056	5	8	.20	74	.05	5	.46	.07	.31	2	.49
A 203489	3	7	7	12	<.3	3	5	177	2.16	6	<8	<2	<2	41	<.2	<3	<3	11	1.00	.056	5	8	.21	45	.05	6	.41	.07	.27	2	.40
A 203490	6	7	5	10	<.3	3	5	148	1.95	8	<8	<2	<2	42	<.2	<3	<3	11	1.01	.056	5	6	.22	48	.06	5	.44	.08	.28	4	.50
A 203491	2	7	10	14	<.3	4	4	163	1.84	8	<8	<2	<2	51	<.2	<3	<3	13	.86	.057	5	9	.27	43	.06	7	.44	.08	.22	2	.38
A 203492	2	11	6	19	<.3	4	4	224	1.82	5	<8	<2	<2	62	<.2	<3	<3	12	.86	.056	5	11	.31	40	.06	4	.47	.08	.23	2	.32
A 203493	2	32	6	19	<.3	3	6	296	1.69	6	<8	<2	2	64	<.2	<3	<3	12	1.03	.057	7	13	.28	93	.05	5	.51	.08	.25	3	.48
A 203494	2	22	6	23	<.3	4	6	336	1.84	13	<8	<2	<2	62	.2	<3	<3	11	1.00	.056	5	10	.30	43	.06	5	.52	.08	.21	6	.41
A 203495	2	50	9	30	<.3	3	5	315	1.69	5	<8	<2	<2	87	<.2	<3	3	14	.84	.059	4	15	.38	34	.08	6	.59	.09	.16	5	.23
A 203496	1	25	6	21	.3	3	4	291	1.82	6	<8	<2	2	73	<.2	<3	<3	10	1.03	.057	7	11	.30	62	.04	6	.50	.08	.21	2	.30
A 203497	4	20	6	16	<.3	3	5	415	1.45	2	<8	<2	2	75	<.2	<3	<3	6	1.59	.055	7	6	.19	161	.01	6	.45	.06	.30	<2	.18
A 203498	8	14	5	23	<.3	3	4	283	1.67	4	<8	<2	<2	72	.2	<3	<3	11	.91	.058	4	7	.29	62	.06	5	.51	.07	.25	2	.26
A 203499	8	16	7	29	<.3	3	4	268	1.65	4	<8	<2	<2	67	<.2	<3	<3	12	.82	.057	4	12	.33	39	.06	6	.53	.08	.20	2	.14
A 203500	12	17	<3	25	<.3	3	4	287	1.68	4	<8	<2	<2	76	<.2	<3	<3	12	.91	.057	4	11	.30	41	.06	6	.50	.08	.23	2	.24
RE A 203500	14	16	6	23	<.3	4	4	290	1.71	4	<8	<2	<2	75	<.2	<3	<3	12	.91	.057	4	8	.30	41	.06	5	.51	.08	.23	<2	.25
RRE A 203500	12	16	<3	24	<.3	3	4	284	1.67	5	<8	<2	<2	76	<.2	<3	<3	12	.90	.057	4	13	.29	42	.06	5	.52	.08	.23	2	.36
A 203501	6	19	<3	18	<.3	4	4	285	1.73	4	<8	<2	<2	57	<.2	<3	<3	9	1.13	.057	5	7	.23	45	.05	4	.46	.08	.27	2	.45
A 203502	6	15	4	20	<.3	3	4	235	1.76	7	<8	<2	<2	60	.2	<3	<3	13	1.02	.056	5	7	.29	49	.07	6	.49	.08	.26	3	1.52
A 203503	4	14	5	17	<.3	3	4	253	1.61	5	<8	<2	<2	64	<.2	<3	<3	10	1.10	.057	4	7	.26	58	.06	5	.48	.08	.28	2	.49
A 203504	6	7	<3	11	<.3	3	4	231	1.85	2	<8	<2	<2	52	<.2	<3	3	8	1.20	.057	7	7	.18	76	.03	4	.44	.07	.28	2	.51
A 203505	5	9	3	14	<.3	3	4	210	2.08	3	<8	7	2	50	<.2	<3	<3	9	1.09	.058	11	7	.17	68	.01	6	.38	.07	.25	3	7.61
A 203506	3	7	7	12	<.3	3	4	233	1.99	2	<8	<2	2	74	<.2	<3	<3	6	1.44	.058	11	7	.17	89	.01	<3	.37	.07	.25	3	.26
A 203507	2	7	5	13	<.3	3	3	226	1.95	4	<8	<2	2	53	<.2	<3	<3	5	1.31	.057	14	6	.15	88	<.01	4	.32	.06	.23	<2	.30
A 203508	6	9	5	12	<.3	3	4	208	2.48	4	<8	<2	2	50	<.2	<3	<3	6	1.39	.055	13	8	.06	69	<.01	<3	.31	.07	.21	<2	1.83
A 203509	10	9	8	14	<.3	3	4	172	2.48	4	<8	<2	3	48	.3	<3	<3	7	1.12	.055	12	6	.14	62	.01	5	.35	.07	.24	2	.62
A 203510	12	8	7	16	<.3	2	5	165	2.32	6	<8	<2	2	51	.2	<3	3	8	1.09	.055	9	11	.17	67	.02	4	.36	.08	.26	5	1.00
A 203511	16	58	8	20	1.5	3	5	179	2.61	7	<8	22	2	43	.3	<3	14	10	.97	.053	8	12	.20	55	.04	6	.38	.07	.25	4	18.72
A 203512	8	176	20	5	1.2	4	11	108	11.24	26	<8	13	<2	33	<.2	<3	13	6	.54	.034	8	10	.08	19	.01	<3	.27	.05	.20	3	13.49
A 203513	2	26	6	15	<.3	3	3	194	1.91	3	<8	<2	<2	54	<.2	<3	3	10	1.16	.058	8	5	.21	55	.03	4	.40	.07	.27	<2	.66
A 203514	2	23	7	15	.3	9	5	233	2.04	9	<8	<2	2	79	.2	<3	<3	14	1.34	.082	10	12	.36	122	.06	5	.56	.09	.34	2	.52
A 203515	13	16	8	13	.3	4	3	168	2.13	6	<8	<2	<2	47	<.2	<3	<3	12	.97	.056	5	7	.25	51	.07	4	.43	.07	.31	2	.98
A 203516	10	9	9	11	<.3	3	4	170	1.96	4	<8	<2	<2	52	<.2	<3	<3	13	1.10	.056	6	8	.22	54	.06	4	.45	.08	.31	3	.33
A 203517	3	10	7	11	<.3	3	6	295	1.69	3	<8	<2	<2	80	<.2	<3	<3	7	1.51	.053	7	7	.14	57	.01	<3	.36	.07	.24	<2	.95
A 203518	2	20	8	14	<.3	3	5	264	1.85	4	<8	<2	2	69	.2	<3	<3	8	1.37	.055	7	6	.19	45	.03	<3	.40	.07	.25	4	.93
STANDARD DS3/AU-1	9	124	33	154	.5	37	12	803	3.15	33	<8	<2	4	27	5.6	4	6	78	.49	.095	18	193	.60	156	.08	4	1.69	.04	.16	6	3.40

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 10 2001 DATE REPORT MAILED: Jan 2/02 SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	%	ppm	gm/mt
A 203519	1	19	5	12	<.3	3	3	248	1.84	3	9	<2	2	68	.2	<3	<3	9	1.42	.055	5	6	.20	43	.04	3	.42	.06	.25	3	.76	
A 203520	1	5	6	13	<.3	3	4	237	1.77	2	<8	<2	3	74	.2	<3	3	8	1.35	.055	7	6	.19	45	.03	3	.42	.07	.23	2	.23	
A 203521	2	8	6	14	<.3	3	3	247	1.73	<2	<8	<2	2	65	<.2	<3	<3	9	1.33	.056	6	6	.21	53	.04	3	.43	.07	.25	3	.49	
A 203522	2	15	8	13	<.3	3	3	228	1.75	2	<8	<2	2	62	<.2	<3	<3	9	1.24	.055	5	7	.21	42	.05	3	.43	.07	.26	2	.43	
A 203523	3	8	6	12	<.3	3	4	195	1.56	2	10	<2	3	59	<.2	<3	<3	8	1.13	.053	5	8	.21	52	.04	3	.37	.06	.23	5	.35	
A 203524	4	12	11	11	<.3	3	3	243	1.82	<2	<8	<2	2	69	.2	<3	<3	9	1.44	.054	5	4	.19	57	.04	<3	.40	.06	.24	5	.49	
A 203525	3	7	4	13	<.3	3	5	200	1.74	<2	<8	<2	2	63	<.2	<3	<3	9	1.21	.054	4	7	.21	70	.03	<3	.39	.06	.21	4	.49	
A 203526	2	12	<3	11	<.3	2	4	231	1.70	2	<8	<2	2	64	<.2	<3	<3	10	1.46	.053	5	8	.20	38	.04	3	.41	.07	.23	3	.48	
A 203527	3	22	5	13	<.3	3	3	255	1.70	2	<8	<2	2	65	<.2	<3	<3	8	1.36	.055	5	5	.20	42	.05	4	.43	.07	.25	2	.19	
A 203528	3	15	4	18	<.3	3	4	275	1.76	<2	9	<2	3	74	<.2	<3	4	9	1.43	.053	4	6	.22	68	.05	<3	.43	.08	.24	6	.25	
A 203529	1	49	<3	22	<.3	4	4	334	1.70	2	<8	<2	2	96	.3	<3	<3	7	1.67	.055	5	7	.20	50	.03	4	.45	.07	.26	4	.14	
A 203530	4	39	<3	10	<.3	3	4	273	1.68	<2	<8	<2	2	81	<.2	<3	<3	6	1.54	.056	7	7	.12	76	.01	<3	.39	.06	.25	2	.24	
A 203531	18	64	<3	11	<.3	3	22	245	2.29	2	<8	<2	2	68	<.2	<3	<3	7	1.40	.055	6	4	.18	72	.03	4	.42	.07	.23	2	.35	
A 203532	10	48	6	10	<.3	3	9	196	2.21	3	<8	<2	2	61	<.2	<3	<3	10	1.21	.055	6	8	.20	51	.05	<3	.44	.07	.28	3	.16	
A 203533	6	28	4	14	<.3	3	5	234	1.99	<2	<8	<2	2	63	.3	<3	<3	9	1.28	.056	6	8	.23	52	.05	<3	.45	.07	.29	2	.16	
A 203534	3	26	5	15	<.3	3	5	255	1.89	2	<8	<2	2	71	<.2	<3	<3	8	1.42	.055	5	6	.21	72	.05	<3	.45	.06	.29	3	.22	
A 203535	2	31	<3	17	<.3	3	4	260	1.77	<2	<8	<2	2	70	<.2	<3	<3	8	1.32	.056	5	1	.23	57	.04	<3	.46	.07	.30	3	.14	
A 203536	2	38	4	16	<.3	3	4	257	1.89	<2	<8	<2	2	82	.2	<3	<3	8	1.39	.055	6	32	.18	48	.02	<3	.44	.07	.25	4	.21	
RE A 203536	2	38	6	16	<.3	3	4	261	1.91	<2	<8	<2	2	83	.2	<3	<3	7	1.40	.055	6	30	.19	49	.02	<3	.43	.07	.25	4	.28	
RRE A 203536	2	41	4	15	.3	4	4	262	1.95	<2	<8	<2	2	84	<.2	<3	<3	8	1.42	.054	6	36	.19	51	.02	3	.45	.08	.27	4	.25	
A 203537	2	42	4	16	<.3	3	4	284	1.91	<2	<8	<2	2	75	.2	<3	<3	8	1.44	.056	7	29	.22	65	.03	3	.45	.07	.27	<2	.41	
A 203538	3	191	4	15	1.0	4	3	247	2.19	2	<8	4	2	69	.3	<3	<3	10	1.42	.054	7	35	.21	60	.04	<3	.45	.07	.26	2	1.64	
A 203539	2	159	<3	16	.4	2	3	248	1.86	3	<8	<2	2	72	.2	<3	3	9	1.40	.054	5	29	.23	42	.05	<3	.46	.06	.23	<2	.74	
A 203540	1	133	4	13	.3	4	3	296	1.72	<2	<8	<2	<2	83	.2	<3	<3	9	1.63	.053	5	40	.18	97	.03	<3	.47	.07	.24	2	.76	
A 203541	2	108	4	8	<.3	3	3	267	1.58	<2	<8	<2	2	72	<.2	<3	<3	6	1.57	.055	5	22	.13	111	.01	<3	.40	.06	.25	<2	1.46	
A 203542	4	97	<3	10	<.3	3	4	242	1.97	<2	<8	<2	2	72	<.2	<3	<3	7	1.43	.054	6	25	.15	89	.01	3	.40	.07	.25	2	.73	
A 203543	14	163	<3	14	.3	3	3	262	1.63	<2	<8	<2	<2	59	<.2	<3	<3	9	1.32	.054	5	20	.20	73	.04	<3	.46	.06	.22	<2	.32	
A 203544	3	132	<3	14	.4	4	3	252	1.82	3	<8	<2	2	56	<.2	<3	5	11	1.15	.054	5	24	.24	83	.05	<3	.51	.07	.23	2	.31	
A 203545	5	149	4	13	.5	3	4	253	1.70	2	<8	6	<2	67	<.2	<3	4	10	1.30	.054	5	30	.23	116	.04	<3	.49	.07	.23	2	7.34	
A 203546	10	76	4	10	.3	4	4	236	1.81	<2	<8	<2	3	67	<.2	<3	3	6	1.35	.054	7	33	.17	100	.01	4	.37	.07	.24	2	.62	
A 203547	6	38	6	12	<.3	3	4	185	1.79	2	<8	<2	2	63	<.2	<3	3	4	1.33	.054	8	28	.14	94	<.01	<3	.32	.07	.22	2	.15	
A 203548	6	40	5	9	<.3	3	4	206	2.19	2	<8	<2	2	58	.2	<3	3	4	1.15	.055	6	35	.21	75	<.01	3	.30	.07	.20	2	.24	
A 203549	21	42	<3	8	.3	4	4	191	2.09	2	<8	<2	2	58	<.2	<3	<3	5	1.17	.052	6	44	.15	81	<.01	<3	.32	.08	.22	<2	.18	
A 203550	27	12	<3	7	<.3	3	5	217	2.03	2	8	<2	3	62	<.2	<3	<3	5	1.22	.054	5	35	.11	83	<.01	<3	.29	.07	.20	<2	.19	
STANDARD DS3/AU-1	10	125	34	150	.4	35	11	774	3.02	31	<8	<2	4	25	5.6	6	6	72	.51	.092	16	185	.57	149	.08	3	1.75	.04	.15	7	3.47	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
A 203551	4	22	3	21	<.3	4	4	379	1.40	<2	<8	<2	<2	100	<.2	<3	<3	11	1.22	.056	4	44	.29	53	.06	4	.61	.08	.24	3	.50
A 203552	3	18	5	27	<.3	3	3	420	1.32	<2	<8	<2	<2	93	<.2	<3	<3	11	1.20	.056	3	32	.27	45	.07	6	.54	.07	.26	2	.35
A 203553	1	18	<3	27	<.3	3	3	436	1.25	<2	<8	<2	<2	82	<.2	<3	<3	10	1.33	.056	4	31	.24	51	.06	6	.52	.07	.29	2	.26
A 203554	1	11	5	26	<.3	2	4	412	1.35	<2	<8	<2	<2	80	<.2	<3	<3	10	1.28	.056	3	28	.24	63	.06	3	.51	.06	.29	<2	1.16
A 203555	<1	9	4	32	<.3	4	4	433	1.30	<2	<8	<2	<2	94	<.2	<3	<3	12	1.20	.055	3	37	.28	58	.07	3	.57	.07	.25	2	.17
A 203556	8	16	6	24	<.3	2	4	405	1.49	<2	<8	<2	<2	84	<.2	<3	<3	11	1.27	.055	3	30	.25	56	.05	<3	.51	.07	.23	<2	.41
A 203557	2	24	5	26	<.3	3	4	415	1.52	<2	<8	<2	<2	99	<.2	<3	<3	13	1.31	.056	3	37	.28	39	.06	4	.53	.07	.23	2	.68
A 203558	4	24	5	28	.3	13	6	418	1.76	4	<8	3	2	210	<.2	<3	<3	20	1.64	.108	12	45	.52	200	.09	5	.64	.07	.34	2	1.80
A 203559	4	61	16	54	<.3	176	34	835	4.80	2	<8	<2	4	1307	.3	<3	4	119	2.66	.475	114	96	3.79	3152	.07	<3	2.94	.79	1.97	3	.05
A 203560	2	27	10	18	.5	6	6	329	2.21	6	<8	<2	3	154	.2	<3	<3	19	1.56	.073	6	33	.39	97	.02	3	.50	.08	.24	<2	.42
A 203561	1	133	6	46	<.3	20	26	969	5.13	26	9	<2	<2	191	.4	<3	<3	133	2.23	.155	4	50	2.75	252	.15	3	2.42	.04	1.12	2	.32
A 203562	2	154	6	34	.3	22	34	666	4.09	13	<8	<2	<2	81	<.2	<3	3	116	1.09	.154	3	64	2.09	166	.18	<3	2.00	.06	1.04	3	.08
A 203563	2	311	3	25	.7	20	36	535	4.08	26	<8	<2	<2	115	<.2	<3	4	92	1.25	.169	3	44	1.35	75	.18	<3	1.52	.04	.67	2	.49
A 203564	1	526	4	13	1.2	23	36	436	4.19	37	<8	<2	<2	123	.3	<3	4	71	2.22	.152	2	52	.81	28	.16	3	.91	.05	.30	7	.35
RE A 203564	1	514	6	13	1.1	21	35	422	4.08	35	<8	<2	<2	118	.2	<3	6	68	2.16	.149	2	49	.78	27	.16	<3	.89	.05	.29	7	.34
RRE A 203564	1	530	<3	15	1.2	22	37	447	4.33	37	<8	<2	<2	118	.3	<3	7	71	2.16	.152	2	48	.85	28	.16	<3	.95	.04	.33	6	.37
A 203565	1	1029	6	11	1.9	23	31	324	4.07	41	<8	<2	<2	87	.4	<3	6	57	1.95	.156	1	38	.52	24	.15	<3	.68	.04	.19	3	.59
A 203566	3	764	5	15	1.7	22	39	381	3.57	25	<8	<2	<2	70	.4	<3	4	64	1.99	.155	2	47	.74	28	.17	4	.90	.05	.44	3	.35
A 203567	1	274	<3	4	.4	16	18	266	1.70	12	<8	<2	<2	94	<.2	<3	3	43	2.44	.159	1	44	.19	11	.15	<3	.44	.04	.07	6	.15
A 203568	2	212	<3	8	.4	15	18	318	1.74	8	<8	<2	<2	80	<.2	<3	3	51	2.42	.156	1	55	.39	14	.15	<3	.56	.06	.17	14	.17
A 203569	2	211	4	17	.7	25	38	357	3.04	19	<8	<2	<2	112	.4	<3	5	67	1.78	.162	1	85	.76	24	.19	<3	1.00	.04	.37	5	.20
A 203570	3	137	3	10	.3	26	35	279	2.77	17	<8	<2	<2	85	.3	<3	3	60	1.82	.155	1	77	.44	28	.17	<3	.65	.04	.24	2	.16
A 203571	3	195	6	10	.8	25	44	354	3.64	20	<8	<2	<2	79	.2	<3	6	59	2.44	.130	1	69	.44	20	.17	<3	.62	.05	.16	2	.43
A 203572	2	195	4	17	.5	33	26	348	2.60	14	<8	<2	<2	65	<.2	<3	<3	73	1.41	.144	1	105	.95	37	.18	<3	1.13	.05	.64	3	.19
A 203573	3	252	3	10	.6	30	25	352	2.42	16	<8	<2	<2	78	<.2	<3	<3	59	2.24	.141	1	75	.57	23	.17	3	.73	.05	.32	2	.26
A 203574	3	265	5	13	.7	29	55	376	4.04	20	<8	<2	<2	73	<.2	<3	4	69	1.68	.131	1	84	.74	29	.16	<3	.88	.05	.44	8	.55
A 203575	3	182	4	13	.5	26	29	367	2.93	12	<8	<2	<2	75	<.2	<3	5	73	1.83	.133	1	89	.80	33	.18	4	.93	.05	.43	4	.23
A 203576	3	207	5	14	.7	24	49	359	3.87	18	<8	<2	<2	75	<.2	<3	3	74	1.61	.142	1	65	.90	42	.20	<3	1.04	.05	.59	2	.17
A 203577	2	222	6	27	.4	18	32	629	4.51	11	<8	<2	<2	78	.2	<3	6	110	1.11	.137	2	36	2.09	139	.23	4	2.20	.04	1.65	4	.29
A 203578	2	146	5	28	.4	20	33	798	4.94	6	<8	<2	<2	84	<.2	<3	6	130	1.77	.163	2	49	2.34	563	.25	6	2.65	.05	2.52	3	.47
STANDARD DS3/AU-1	10	121	35	151	.4	36	12	788	3.08	31	9	<2	4	26	5.5	4	6	75	.53	.095	17	183	.57	152	.08	4	1.63	.04	.15	8	3.37

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ASSAY CERTIFICATE

Sultan Minerals PROJECT KENA File # A104310R

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	DupAu gm/mt	TotAu gm/mt
A 203502	506	.03	2.04	-	2.10
A 203503	514	.01	.65	-	.67
A 203504	498	<.01	.38	-	.38
A 203505	509	.11	7.59	-	7.81
A 203508	498	.08	1.69	-	1.85
A 203509	504	<.01	.23	-	.24
A 203510	496	.13	.92	-	1.18
A 203511	501	.08	20.73	-	20.89
A 203512	481	.93	14.51	-	16.44
A 203513	488	<.01	.50	-	.50
A 203514	503	<.01	.65	-	.65
A 203515	505	<.01	1.01	-	1.01
A 203516	510	<.01	.43	.38	.43
A 203517	495	<.01	.87	-	.87
A 203518	511	.01	.78	-	.80
A 203519	497	<.01	.54	-	.55
A 203523	506	<.01	.34	-	.34
A 203524	489	<.01	.48	-	.48
A 203525	533	<.01	.14	-	.14
A 203526	484	<.01	.59	-	.59
A 203545	511	.54	15.47	-	16.53

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ.

DATE RECEIVED: JAN 7 2002 DATE REPORT MAILED: *Jan 10/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104338 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti ppm	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
SI	<1	2	<3	1	<.3	<1	<1	6	.03	<2	<8	<2	<2	3	<.2	<3	<3	<1	.11	<.001	<1	2	<.01	3	<.01	<3	.01	.54	<.01	<2	.01
A 203579	3	25	4	17	<.3	2	4	506	1.12	<2	<8	<2	4	30	.2	<3	<3	6	.55	.059	14	4	.16	87	<.01	3	.56	.05	.28	<2	.03
A 203580	2	22	<3	18	<.3	2	4	552	1.13	<2	<8	<2	4	45	<.2	<3	<3	6	.90	.058	14	4	.16	142	<.01	3	.59	.06	.30	<2	.03
A 203581	2	16	3	26	<.3	2	3	495	1.40	<2	<8	<2	2	43	<.2	<3	<3	14	.59	.058	6	6	.24	99	.05	3	.58	.07	.30	<2	.02
A 203582	9	28	<3	22	<.3	2	3	543	1.31	<2	8	<2	2	49	<.2	<3	3	10	.97	.057	7	5	.20	71	.05	<3	.55	.07	.29	<2	<.01
A 203583	6	71	<3	20	<.3	2	5	462	1.44	<2	<8	<2	3	34	<.2	<3	<3	8	.79	.058	11	3	.19	73	.02	3	.56	.06	.29	<2	.05
A 203584	5	22	<3	21	<.3	1	4	529	1.28	<2	<8	<2	3	59	<.2	<3	<3	8	1.49	.056	9	5	.16	65	.02	<3	.52	.07	.29	<2	.03
A 203585	21	59	3	22	<.3	2	4	459	1.30	<2	<8	<2	3	58	.2	<3	<3	8	1.56	.054	7	4	.19	56	.02	3	.49	.05	.28	<2	.06
A 203586	19	66	4	17	<.3	1	4	522	1.11	<2	<8	<2	3	73	<.2	<3	<3	5	1.96	.056	11	4	.14	68	<.01	3	.56	.06	.36	<2	.03
A 203587	14	76	<3	19	<.3	2	4	524	1.21	<2	<8	<2	3	65	<.2	<3	<3	7	1.79	.055	11	3	.18	62	.01	<3	.52	.05	.30	<2	.04
A 203588	12	37	<3	24	<.3	2	4	455	1.33	2	<8	<2	4	36	<.2	<3	<3	8	.92	.056	12	4	.22	77	.01	<3	.59	.06	.28	<2	.02
A 203589	15	22	<3	27	<.3	1	4	523	1.36	<2	<8	<2	3	44	<.2	<3	<3	8	1.23	.058	11	4	.25	89	.01	<3	.58	.06	.27	<2	.03
A 203590	3	118	3	69	<.3	9	16	1331	3.20	2	<8	<2	2	106	.3	<3	<3	83	5.06	.093	5	20	1.36	101	.07	<3	1.48	.05	.58	<2	.09
A 203591	1	665	10	151	.9	19	27	1346	5.21	10	<8	<2	<2	133	.4	3	<3	181	5.06	.117	4	35	2.33	128	.17	<3	2.22	.04	1.17	<2	.05
A 203592	1	525	8	181	.6	30	31	1125	5.34	10	<8	<2	<2	93	.6	<3	<3	160	4.97	.108	1	99	3.07	168	.19	<3	2.63	.05	1.06	<2	.04
A 203593	1	427	8	137	.5	32	33	1092	4.84	13	<8	<2	<2	113	.4	3	<3	143	5.07	.112	2	134	3.05	163	.20	<3	2.56	.04	.97	<2	.03
A 203594	1	696	5	158	.5	28	34	1126	5.68	8	<8	<2	<2	113	.4	<3	<3	200	4.99	.137	3	134	3.11	310	.24	<3	2.77	.03	1.61	<2	.02
A 203595	1	1190	5	212	.8	24	28	1563	5.55	14	<8	<2	2	194	.7	3	<3	185	5.58	.132	4	106	2.48	301	.16	<3	2.60	.05	.96	<2	.03
A 203596	1	29	14	131	.4	3	5	1103	1.67	10	<8	<2	2	124	1.2	<3	<3	14	2.58	.063	4	7	.31	88	.01	3	.75	.06	.33	4	.03
RE A 203596	1	28	14	134	.5	2	5	1117	1.68	8	<8	<2	2	126	1.3	<3	<3	13	2.60	.065	5	7	.31	90	.01	3	.79	.06	.34	4	.02
RRE A 203596	1	31	14	131	.3	2	6	1129	1.71	9	<8	<2	2	128	1.2	<3	<3	14	2.65	.065	5	7	.31	90	.01	3	.78	.07	.33	4	<.01
A 203597	1	21	7	135	.7	2	5	1130	1.55	12	<8	<2	2	117	1.5	<3	<3	8	2.54	.067	5	4	.24	93	.02	<3	2.75	.07	.38	6	.06
A 203598	1	815	5	167	.8	23	31	1604	6.18	9	<8	<2	2	160	.4	<3	<3	207	5.63	.136	6	111	3.09	389	.20	<3	2.91	.04	1.11	<2	.10
A 203599	1	928	5	221	.4	19	34	1093	6.33	8	<8	<2	2	113	.4	3	<3	216	3.99	.185	5	53	2.69	609	.28	<3	2.76	.05	2.12	<2	.26
A 203600	2	968	6	162	.5	13	29	1135	5.48	10	<8	<2	2	125	.2	<3	<3	168	4.36	.163	3	27	1.84	340	.24	<3	2.16	.05	1.26	<2	.07
A 203601	2	769	5	122	.5	20	34	855	5.16	8	<8	<2	<2	126	.4	<3	<3	175	3.50	.173	4	72	2.37	523	.27	<3	2.63	.04	2.13	<2	.07
A 203602	2	578	19	232	5.2	14	29	2588	5.48	38	<8	<2	<2	337	2.5	3	<3	44	10.47	.123	4	21	.87	93	.01	4	.80	.01	.60	<2	1.58
A 203603	<1	1220	7	168	2.1	18	33	2216	5.96	25	<8	<2	<2	185	.6	<3	<3	142	7.12	.167	4	40	1.63	220	.18	<3	1.96	.03	1.25	<2	.11
A 203604	<1	948	36	648	1.7	16	31	3084	5.52	19	<8	<2	2	254	4.6	4	<3	121	8.53	.157	5	30	1.63	164	.17	3	1.84	.02	1.24	<2	.09
A 203605	<1	801	8	162	.9	22	35	1851	5.85	17	<8	<2	2	172	.3	3	<3	156	6.69	.161	5	58	1.76	246	.21	<3	2.24	.03	1.63	<2	.11
A 203606	1	997	8	128	.7	36	35	1422	4.51	14	<8	<2	<2	180	.5	3	<3	127	4.82	.138	4	146	2.44	612	.22	<3	2.49	.03	1.81	<2	.06
A 203607	1	876	5	134	.8	35	37	1500	4.44	15	<8	<2	<2	156	.6	4	<3	138	4.66	.146	3	132	2.33	346	.21	<3	2.37	.03	1.20	<2	.04
A 203608	1	986	5	102	.7	19	34	1485	5.45	12	<8	<2	<2	187	.4	<3	<3	166	5.42	.135	3	36	1.62	305	.20	<3	2.18	.06	1.38	<2	.05
A 203609	2	847	7	243	1.1	20	32	1461	6.03	22	<8	<2	<2	163	2.7	<3	<3	147	4.98	.160	6	44	1.60	235	.17	3	1.75	.05	1.36	<2	.10
STANDARD DS3/AU-1	10	127	38	158	.3	37	12	810	3.19	32	11	<2	5	27	5.8	6	6	80	.54	.097	17	195	.61	156	.08	3	1.75	.04	.17	3	3.36

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 12 2001 DATE REPORT MAILED: *Jan 2/02* SIGNED BY: *C. Leong* TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#

Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt	
A 203610	2	1072	6	98	1.2	20	34	1699	5.33	10	<8	<2	2	322	.4	<3	<3	80	6.23	.153	4	53	1.14	94	.04	<3	1.46	.02	.63	<2	.10
A 203611	1	890	5	112	.7	10	28	1418	5.24	10	<8	<2	2	220	.3	<3	5	154	5.22	.138	4	16	1.71	194	.22	<3	2.33	.06	1.62	<2	.17
A 203612	2	271	7	117	.4	4	17	1974	3.69	16	<8	<2	4	171	.7	<3	<3	39	3.75	.142	7	6	.76	122	.06	4	1.06	.03	.75	<2	.03
A 203613	2	170	6	100	.3	3	18	1642	3.69	24	<8	<2	5	202	.3	<3	<3	49	4.02	.143	6	4	.83	83	.10	4	1.13	.04	.89	<2	.05
A 203614	2	306	8	146	.9	3	17	1609	3.80	19	10	<2	3	219	.9	<3	<3	59	4.89	.142	5	4	.76	72	.12	3	1.27	.03	.99	<2	.10
A 203615	3	2794	8	216	9.4	4	16	1675	3.94	36	10	<2	3	218	2.4	3	<3	33	7.09	.116	3	5	.41	40	.05	4	.76	.02	.65	<2	.69
A 203616	4	215	12	132	1.0	3	20	1753	3.66	33	8	<2	3	310	1.2	<3	<3	34	7.71	.138	5	4	.37	49	.03	3	.82	.02	.62	<2	.17
A 203617	3	309	9	119	<.3	3	18	1547	3.70	20	<8	<2	4	213	.4	<3	<3	65	4.15	.143	6	4	.85	94	.14	<3	1.43	.04	1.05	<2	.08
A 203618	3	217	8	90	<.3	3	17	1606	3.68	12	<8	<2	4	205	.2	3	3	62	3.70	.138	8	6	1.00	96	.10	4	1.32	.05	.95	<2	.04
A 203619	3	477	5	90	.5	3	17	1449	3.66	7	<8	<2	5	278	.3	<3	<3	59	4.57	.147	8	3	.88	82	.05	3	1.19	.03	.66	<2	.03
A 203620	4	544	6	133	<.3	9	23	1463	4.57	9	<8	<2	4	242	.2	<3	<3	101	4.76	.147	7	15	1.58	115	.09	3	1.79	.04	.83	<2	.04
A 203621	2	568	<3	131	.4	15	28	1267	5.39	8	<8	<2	2	185	.3	<3	<3	190	4.71	.153	5	27	2.15	311	.24	<3	2.67	.05	1.48	<2	.04
A 203622	2	374	<3	115	<.3	13	29	1156	4.72	7	<8	<2	2	161	.2	<3	<3	166	3.95	.155	5	25	2.09	321	.22	<3	2.42	.05	1.28	<2	.02
A 203623	1	346	<3	119	<.3	14	28	1073	4.62	3	<8	<2	2	126	.2	<3	3	153	2.96	.156	5	26	2.32	461	.23	<3	2.61	.05	1.70	<2	.02
A 203624	2	315	3	124	<.3	14	28	1210	4.20	7	<8	<2	2	124	<.2	3	<3	134	3.98	.159	5	27	1.88	346	.23	<3	2.28	.05	1.67	<2	.01
A 203625	3	232	3	86	<.3	3	17	1189	3.39	4	<8	<2	3	111	.2	<3	<3	84	2.91	.145	7	4	1.16	114	.20	<3	1.70	.06	1.29	<2	.01
A 203626	2	249	3	82	<.3	3	16	1276	3.41	4	<8	<2	4	138	<.2	<3	<3	83	3.78	.136	8	4	1.08	126	.18	<3	1.53	.05	1.16	<2	.01
RE A 203626	3	260	4	86	<.3	3	17	1301	3.55	7	<8	<2	3	147	.4	<3	<3	87	3.93	.140	7	4	1.12	135	.19	<3	1.61	.06	1.20	<2	<.01
RRE A 203626	2	265	5	87	<.3	3	17	1310	3.61	6	<8	<2	4	148	<.2	<3	<3	89	3.95	.141	8	4	1.14	137	.19	<3	1.62	.05	1.22	<2	.03
A 203627	2	572	4	132	<.3	10	28	1363	4.83	2	<8	<2	2	125	.3	<3	<3	158	3.49	.145	5	13	2.29	440	.28	<3	2.65	.05	2.05	<2	.02
A 203628	1	448	<3	119	<.3	9	27	1273	4.56	6	<8	<2	2	124	.2	<3	<3	148	3.74	.155	6	10	2.09	426	.24	<3	2.39	.05	1.74	<2	.02
A 203629	1	702	<3	124	.3	13	31	1281	4.79	4	<8	<2	2	109	.3	<3	<3	157	3.35	.167	4	21	2.41	523	.28	<3	2.72	.05	2.21	<2	.05
A 203630	1	508	5	138	.3	10	28	1540	4.76	5	<8	<2	2	125	.4	<3	<3	150	3.79	.159	5	17	2.24	361	.29	<3	2.73	.04	2.21	<2	.11
A 203631	1	467	5	161	.6	11	28	2066	4.35	11	<8	<2	3	147	.3	<3	<3	104	5.17	.140	6	9	1.57	273	.20	<3	2.01	.03	1.33	<2	.05
A 203632	2	524	10	242	.7	10	28	2191	4.35	17	<8	<2	2	115	1.3	<3	<3	106	5.23	.131	4	10	1.59	288	.22	<3	2.10	.05	1.55	<2	.05
A 203633	1	478	4	135	.3	12	30	1880	4.77	2	<8	<2	2	110	<.2	<3	<3	147	3.49	.131	4	12	2.89	514	.24	<3	3.02	.03	2.05	<2	.02
A 203634	1	284	<3	141	<.3	13	29	1965	4.93	5	<8	<2	2	90	.3	<3	3	159	3.40	.140	4	11	3.28	531	.27	<3	3.29	.04	2.23	<2	.01
A 203635	1	45	3	28	<.3	2	2	495	1.37	3	<8	<2	3	35	<.2	<3	<3	16	.29	.069	9	10	.28	97	.03	4	.77	.06	.31	<2	<.01
A 203636	1	96	3	19	<.3	2	7	626	1.18	<2	<8	<2	3	19	<.2	<3	<3	10	.21	.069	13	8	.17	102	.01	3	.66	.06	.32	<2	.12
A 203637	26	86	5	27	<.3	14	10	583	1.55	<2	<8	<2	3	87	<.2	<3	3	27	.98	.112	18	27	.47	134	.04	3	.89	.06	.37	<2	.05
A 203638	9	84	5	25	.3	3	7	608	1.48	<2	<8	<2	3	67	.2	<3	<3	14	1.10	.067	7	13	.23	81	.04	<3	.64	.06	.34	<2	.19
A 203639	4	76	5	26	.3	2	5	546	1.40	<2	<8	<2	3	55	<.2	<3	3	18	.39	.064	7	12	.25	67	.04	3	.61	.06	.27	<2	.04
A 203640	1	69	4	24	<.3	3	4	514	1.47	<2	<8	<2	3	56	.2	<3	<3	19	.52	.063	10	13	.26	65	.04	4	.63	.06	.32	<2	.03
A 203641	2	172	5	18	.3	2	4	518	1.68	<2	<8	<2	3	29	<.2	<3	<3	15	.52	.065	13	10	.18	63	.01	5	.52	.06	.28	<2	.09
STANDARD DS3/AU-1	10	122	37	152	<.3	36	11	787	3.10	32	8	<2	4	27	5.5	5	6	77	.53	.094	17	187	.59	147	.08	3	1.69	.04	.16	3	3.43

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 203642	18	182	4	22	.3	3	5	571	2.01	<2	8	<2	3	100	.2	<3	<3	17	2.01	.064	11	13	.23	75	.02	3	.53	.07	.31	<2	.11
A 203643	75	506	3	20	.9	3	10	406	2.27	2	8	<2	3	59	.2	<3	<3	18	.97	.069	8	19	.25	93	.03	3	.71	.08	.44	<2	.73
A 203644	7	425	<3	26	.4	3	4	412	1.90	2	9	<2	3	69	<.2	<3	<3	24	.47	.065	6	16	.37	45	.06	4	.67	.08	.19	<2	.13
A 203645	6	26	5	28	<.3	4	5	468	1.91	3	<8	<2	2	82	<.2	<3	<3	24	.68	.065	6	19	.42	43	.08	<3	.71	.08	.18	<2	.57
A 203646	12	12	5	28	.6	4	6	473	2.63	3	<8	<2	3	65	<.2	<3	<3	28	.41	.066	6	22	.41	35	.08	<3	.61	.08	.11	<2	.63
A 203647	13	12	3	24	.5	3	4	460	2.31	<2	<8	<2	3	64	<.2	<3	<3	31	.39	.063	5	19	.38	39	.09	<3	.62	.10	.13	<2	.49
A 203648	2	79	3	28	<.3	2	1	456	1.75	2	<8	<2	2	120	<.2	<3	<3	25	.71	.064	6	20	.43	32	.08	<3	.75	.09	.13	<2	.03
A 203649	3	25	4	22	<.3	3	4	547	1.76	<2	<8	<2	3	40	<.2	<3	<3	24	.55	.067	6	20	.34	48	.06	<3	.58	.09	.21	<2	.15
A 203650	4	74	4	21	<.3	2	5	546	1.97	<2	<8	<2	2	50	.2	<3	<3	22	.97	.065	6	16	.31	54	.06	<3	.60	.08	.26	<2	.27
A 203651	3	206	4	25	<.3	3	2	514	1.94	<2	9	<2	3	68	<.2	<3	<3	27	1.10	.066	7	18	.35	54	.07	<3	.64	.08	.25	<2	.10
A 203652	3	179	4	28	.4	3	3	477	2.11	2	<8	<2	2	84	<.2	<3	<3	33	.68	.067	7	20	.45	33	.09	<3	.74	.08	.16	2	.07
A 203653	2	326	7	25	.7	3	2	501	2.42	3	8	<2	3	81	<.2	<3	<3	32	.70	.065	6	24	.41	38	.09	<3	.73	.11	.19	<2	.46
A 203654	4	192	3	24	.4	3	15	479	2.04	2	<8	<2	3	62	.2	<3	<3	19	1.07	.065	8	18	.38	57	.03	3	.64	.07	.19	<2	.25
RE A 203654	4	192	5	25	.6	9	15	475	2.01	2	9	<2	3	61	.2	<3	<3	18	1.05	.065	9	18	.37	57	.03	3	.63	.08	.20	<2	.26
RRE A 203654	4	182	5	24	.3	4	15	476	2.04	<2	<8	<2	3	63	<.2	<3	<3	19	1.07	.065	9	18	.37	58	.02	3	.65	.08	.20	<2	.30
A 203655	8	44	<3	17	.3	9	11	626	1.90	<2	<8	<2	3	112	<.2	<3	<3	19	2.11	.087	17	23	.42	202	.01	4	.71	.06	.28	<2	.20
A 203656	1	45	4	27	<.3	4	2	532	1.67	<2	<8	<2	2	91	<.2	<3	<3	26	1.03	.067	7	21	.37	47	.06	3	.70	.08	.21	4	.01
A 203657	2	18	<3	29	<.3	3	3	463	1.64	<2	<8	<2	2	121	.2	<3	<3	26	1.35	.068	7	18	.38	47	.08	5	.77	.10	.19	15	.02
A 203658	79	71	<3	19	<.3	3	5	662	1.89	<2	<8	<2	3	102	<.2	<3	<3	17	2.27	.063	7	15	.27	61	.02	3	.56	.07	.23	<2	.13
A 203659	3	8	<3	26	<.3	3	2	862	1.40	<2	<8	<2	3	155	.2	<3	<3	18	3.24	.066	10	11	.37	55	.02	<3	.59	.07	.19	<2	.06
STANDARD DS3/AU-1	10	126	35	160	<.3	38	12	822	3.20	31	<8	<2	4	28	5.7	5	6	79	.54	.097	19	196	.61	155	.09	3	1.76	.04	.17	3	3.32

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A104381 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	1	7	<3	<1	<.3	1	17	12	.05	<2	<8	<2	<2	5	<.2	<3	<3	4	.19	.001	<1	9	.02	5	.02	5	.02	.72	.01	<2	<.01
A 203660	3	29	<3	23	<.3	9	45	626	1.75	2	<8	<2	3	108	<.2	<3	<3	17	2.40	.064	11	14	.34	81	.01	6	.69	.14	.23	<2	.17
A 203661	1	15	3	26	<.3	2	5	463	1.38	<2	<8	<2	2	103	<.2	<3	3	23	1.61	.063	8	16	.39	59	.05	6	.76	.12	.23	<2	.03
A 203662	2	202	4	26	.5	6	19	468	1.69	<2	<8	<2	2	102	.3	<3	<3	24	1.64	.058	9	20	.32	67	.06	6	.79	.12	.26	3	.99
A 203663	3	44	3	14	<.3	2	5	626	1.25	<2	<8	<2	2	142	<.2	<3	<3	15	2.86	.059	9	11	.18	158	.01	5	.65	.09	.35	<2	.09
A 203664	2	36	3	18	.3	3	16	573	1.49	<2	<8	<2	2	100	<.2	<3	<3	16	1.99	.060	9	15	.24	125	.02	6	.81	.13	.35	<2	.22
A 203665	2	31	<3	27	<.3	3	2	383	1.21	<2	<8	<2	2	142	<.2	<3	3	21	1.09	.059	6	8	.40	57	.07	7	.88	.13	.19	<2	.03
A 203666	28	20	5	23	<.3	3	3	338	1.27	<2	<8	<2	2	110	<.2	<3	3	22	.95	.058	6	9	.34	59	.07	6	.80	.12	.20	<2	.03
A 203667	3	28	5	23	<.3	2	5	364	1.32	3	<8	<2	<2	116	.2	<3	<3	25	1.02	.058	6	21	.39	52	.09	6	.87	.16	.28	<2	.04
A 203668	13	22	11	24	.3	4	10	389	1.44	2	<8	<2	2	126	<.2	<3	<3	26	1.07	.060	6	24	.40	46	.09	6	.82	.12	.21	<2	.06
A 203669	1	38	5	31	<.3	2	3	497	1.62	3	<8	<2	2	102	<.2	<3	<3	24	1.50	.058	7	9	.43	68	.06	6	.87	.11	.22	<2	.10
A 203670	5	15	<3	23	.8	2	7	412	2.22	<2	<8	<2	2	87	<.2	<3	3	26	1.35	.057	7	8	.34	56	.06	6	.69	.11	.19	<2	2.01
A 203671	3	73	3	20	<.3	2	3	400	1.22	2	<8	<2	2	131	.2	<3	<3	20	1.55	.058	7	21	.30	78	.06	6	.82	.13	.26	<2	.04
A 203672	4	132	7	27	.3	4	17	402	1.37	<2	<8	<2	2	101	<.2	<3	<3	26	1.28	.061	6	24	.35	38	.09	6	.67	.12	.13	<2	.13
A 203673	2	38	9	16	<.3	3	3	253	1.11	2	<8	<2	2	124	<.2	<3	3	19	.75	.058	5	11	.21	40	.08	6	.70	.14	.16	<2	.06
A 203674	18	74	9	24	<.3	2	2	313	1.13	2	<8	<2	<2	131	.3	<3	<3	20	.91	.060	5	10	.32	39	.08	7	.74	.11	.17	<2	.04
A 203675	6	15	<3	22	<.3	2	5	445	1.62	<2	<8	<2	2	105	<.2	<3	4	24	1.59	.059	6	22	.33	52	.08	7	.82	.17	.28	<2	.11
RE A 203675	6	15	<3	22	<.3	3	5	448	1.61	4	<8	<2	2	101	<.2	<3	<3	24	1.58	.060	6	23	.33	51	.08	7	.81	.16	.27	<2	.12
RRE A 203675	6	18	4	23	<.3	4	7	456	1.62	<2	<8	<2	2	102	.2	<3	<3	23	1.63	.061	7	25	.34	44	.08	6	.72	.13	.24	2	.11
A 203676	14	26	5	26	<.3	3	5	406	1.53	3	<8	<2	<2	109	<.2	<3	<3	26	1.09	.061	5	22	.38	34	.09	7	.71	.10	.20	<2	.13
A 203677	15	61	6	26	.3	3	5	487	1.49	<2	<8	<2	2	129	.2	<3	<3	27	1.69	.061	6	24	.37	42	.09	6	.79	.11	.24	9	.13
A 203678	11	75	3	27	<.3	2	8	522	1.70	2	<8	<2	2	113	.2	<3	<3	24	1.97	.059	6	18	.33	43	.07	6	.67	.08	.26	9	.77
A 203679	14	123	4	24	<.3	3	7	589	1.49	<2	<8	<2	3	99	<.2	<3	<3	20	2.47	.059	8	17	.31	94	.03	11	.71	.09	.27	<2	.04
A 203680	7	139	<3	20	<.3	2	5	560	1.52	3	<8	<2	2	100	.2	<3	<3	20	2.38	.061	7	14	.29	106	.03	7	.73	.10	.27	<2	.12
A 203681	11	250	4	24	.3	4	9	459	1.55	2	<8	<2	2	105	.2	<3	<3	26	1.67	.062	6	19	.36	57	.08	6	.80	.13	.29	<2	.09
A 203682	15	213	3	24	.5	2	11	444	1.73	2	<8	<2	2	97	<.2	<3	<3	25	1.68	.060	7	18	.33	82	.07	7	.79	.12	.39	4	.18
A 203683	15	162	3	21	.3	3	9	422	1.60	3	<8	<2	2	109	.3	<3	<3	25	1.59	.060	6	26	.39	47	.08	7	.82	.13	.35	2	.16
A 203684	13	260	3	23	.5	3	12	374	1.49	4	<8	<2	2	103	<.2	<3	<3	28	1.14	.063	6	27	.41	35	.11	6	.75	.12	.30	<2	.15
A 203685	3	91	3	17	<.3	4	5	295	1.24	3	<8	<2	2	112	<.2	<3	3	23	.98	.064	6	29	.30	28	.09	<3	.63	.09	.17	<2	.06
A 203686	<1	29	14	190	<.3	6	20	1395	3.18	10	<8	<2	2	110	.4	<3	<3	57	2.79	.151	11	6	.69	72	.04	5	1.18	.05	.28	<2	<.01
A 203687	1	96	19	296	<.3	8	21	1803	3.53	12	<8	<2	2	27	.7	<3	<3	45	.47	.162	11	10	.22	134	.04	5	.90	.04	.34	8	.03
A 203688	<1	131	53	424	1.1	35	34	3054	5.30	28	<8	<2	2	82	2.4	10	5	78	2.62	.182	9	65	.16	413	.03	6	.62	.04	.35	3	<.01
A 203689	1	63	20	538	2.3	16	26	4902	3.74	20	<8	<2	2	145	1.7	5	<3	71	3.61	.155	6	19	.74	108	.02	6	.50	.02	.43	3	.03
A 203690	<1	71	47	483	3.0	17	22	5894	4.42	40	<8	<2	<2	161	2.1	5	<3	57	3.88	.178	4	17	.60	140	.01	3	.55	.03	.46	<2	<.01
STANDARD DS3/AU-1	10	123	34	154	.3	37	12	791	3.14	29	<8	<2	5	27	5.5	5	5	79	.53	.094	18	196	.60	148	.09	5	1.74	.04	.17	3	3.37

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 17 2001 DATE REPORT MAILED: Jan 2/02 SIGNED BY: C. Leong, D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
A 203691	1	98	232	562	3.6	32	34	4476	4.77	78	<8	<2	<2	92	2.8	3	3	53	4.20	.156	3	44	.43	79	.01	5	.47	.01	.42	<2	.03
A 203692	1	114	5	134	.6	35	29	2112	4.76	23	<8	<2	<2	163	.9	7	<3	69	5.37	.108	4	90	1.26	56	.02	5	.38	<.01	.36	<2	<.01
A 203693	2	69	150	459	2.9	46	37	3159	5.53	45	<8	<2	2	59	3.2	4	<3	75	4.50	.130	6	86	.18	157	.02	5	.42	.01	.36	<2	.11
A 203694	1	113	396	1004	4.0	56	43	3672	4.99	61	<8	<2	<2	107	9.6	5	3	50	5.09	.144	3	130	.29	146	<.01	5	.50	.01	.40	6	.07
A 203695	1	44	25	277	.7	41	33	2198	4.99	42	<8	<2	<2	183	1.7	4	<3	70	5.60	.117	2	94	1.33	92	.01	5	.50	.01	.45	<2	<.01
A 203696	1	54	16	216	.6	39	30	2205	5.05	47	<8	<2	<2	164	1.3	3	<3	73	6.17	.113	2	114	.92	94	.01	4	.46	.02	.37	<2	<.01
A 203697	<1	54	17	150	.9	45	30	2143	5.41	42	<8	<2	<2	254	1.0	5	<3	84	6.08	.121	2	120	1.57	80	.02	5	.53	.02	.48	<2	<.01
A 203698	1	38	42	226	.8	57	34	2001	5.69	43	<8	<2	<2	282	1.9	3	<3	138	6.45	.116	2	149	1.79	67	.17	5	1.51	.02	1.52	<2	.04
A 203699	1	56	16	150	1.0	57	34	1534	5.73	17	<8	<2	<2	243	1.4	3	<3	148	6.14	.124	4	169	2.38	107	.21	4	2.09	.03	1.94	<2	.01
A 203700	1	147	75	278	3.7	50	37	3174	5.41	68	<8	<2	<2	134	2.2	5	<3	85	6.38	.121	4	114	.48	124	.02	6	.51	.01	.44	<2	.08
A 203701	17	104	116	659	10.1	48	40	2715	5.01	178	<8	<2	<2	82	6.5	7	<3	44	4.68	.140	2	106	.53	92	<.01	5	.49	.01	.39	2	1.76
A 203702	255	106	1351	4063	35.9	28	22	5043	2.59	139	<8	3	<2	94	65.0	26	<3	37	3.32	.069	2	49	.15	159	<.01	5	.26	.01	.18	2	2.88
A 203703	1	106	19	167	.6	67	36	1558	5.94	43	<8	<2	<2	175	1.7	<3	<3	158	6.81	.128	6	211	2.95	229	.23	4	2.67	.02	2.24	3	.02
A 203704	<1	180	196	197	.5	60	38	1611	5.79	34	<8	<2	<2	179	3.8	9	<3	143	6.04	.128	5	181	2.78	189	.24	4	2.54	.02	1.94	2	.11
A 203705	<1	144	140	142	.3	66	36	1350	5.66	26	<8	<2	<2	194	3.2	5	<3	162	5.65	.125	6	195	2.88	139	.22	4	2.48	.03	1.68	<2	<.01
A 203706	1	100	107	216	.5	84	36	1642	5.81	22	<8	<2	<2	252	3.6	5	3	147	6.30	.131	6	230	2.51	166	.20	5	2.37	.04	1.73	3	<.01
A 203707	<1	136	17	140	.5	62	36	1595	5.34	19	<8	<2	<2	192	1.6	3	4	166	5.91	.129	5	170	2.78	170	.26	5	2.42	.04	2.19	3	<.01
A 203708	1	222	104	185	.6	87	37	1955	5.58	19	<8	<2	<2	161	2.9	8	<3	128	7.27	.125	4	276	2.09	276	.15	4	1.74	.04	1.51	<2	<.01
A 203709	1	148	93	167	.5	49	29	2214	5.12	11	<8	<2	<2	110	2.1	3	<3	78	7.13	.131	4	138	.42	236	.06	4	.69	.01	.54	4	<.01
A 203710	1	117	68	264	.8	26	28	2637	4.59	22	<8	<2	<2	67	2.9	<3	<3	41	7.05	.125	5	60	.09	192	.02	6	.45	.01	.33	<2	<.01
RE A 203710	1	120	67	270	.9	27	29	2685	4.68	23	<8	<2	<2	68	3.1	3	<3	43	7.20	.129	5	61	.09	196	.02	5	.47	.01	.33	<2	<.01
RRE A 203710	1	115	66	261	.9	26	28	2612	4.60	22	<8	<2	<2	67	2.8	3	<3	45	7.00	.125	6	63	.09	194	.02	5	.47	.01	.37	<2	<.01
A 203711	2	102	33	93	1.5	15	31	2382	3.93	24	<8	<2	<2	41	.9	4	<3	22	2.99	.169	9	13	.08	346	.01	7	.53	.01	.35	2	.04
A 203712	<1	63	7	43	<.3	4	15	1726	3.16	4	<8	<2	2	69	.6	<3	<3	33	4.11	.202	12	12	.06	145	.04	7	.57	.02	.33	2	<.01
A 203713	2	141	8	63	<.3	11	23	1946	3.90	11	<8	<2	<2	157	.8	<3	<3	42	4.31	.173	4	21	.44	151	.03	9	.57	.05	.30	<2	.01
A 203714	1	2442	<3	79	1.0	36	28	837	4.22	3	<8	<2	2	196	.7	3	<3	100	4.31	.223	9	64	1.52	270	.03	5	.70	.09	.15	2	<.01
A 203715	<1	317	4	70	<.3	36	27	806	4.15	3	<8	<2	<2	210	.5	<3	<3	103	4.46	.220	11	64	1.52	173	.03	6	.84	.10	.18	2	<.01
A 203716	1	62	<3	69	<.3	36	28	773	4.08	3	<8	<2	2	194	.6	<3	<3	99	4.29	.231	11	57	1.55	127	.03	7	.72	.08	.16	<2	<.01
A 203717	1	367	4	44	<.3	30	23	850	3.89	4	<8	<2	2	168	.5	<3	<3	76	4.80	.231	10	36	1.14	207	.04	7	.79	.07	.29	2	<.01
A 203718	1	37	3	26	<.3	22	22	1234	3.56	3	<8	<2	2	108	.4	<3	<3	65	4.35	.193	11	25	.43	110	.05	5	.50	.04	.21	<2	<.01
A 203719	<1	128	5	58	.3	33	25	951	4.31	5	<8	<2	2	107	.6	<3	<3	77	3.80	.208	10	35	.81	153	.04	6	1.06	.06	.22	<2	<.01
A 203720	1	138	<3	75	<.3	21	18	961	3.63	3	<8	<2	2	133	.5	3	<3	49	3.54	.162	9	28	1.02	130	<.01	4	1.18	.06	.16	<2	<.01
A 203721	<1	20	5	48	<.3	3	8	1005	2.18	3	<8	<2	3	102	.3	<3	<3	13	3.14	.100	13	9	.25	158	<.01	5	.90	.09	.20	<2	<.01
A 203722	1	26	<3	50	<.3	3	8	826	2.18	<2	<8	<2	2	80	.3	<3	<3	13	2.55	.100	14	9	.24	173	<.01	5	.96	.10	.24	<2	<.01
STANDARD DS3/AU-1	9	119	35	150	.3	36	11	774	3.05	32	11	<2	4	27	5.6	4	6	77	.52	.092	17	188	.58	143	.08	5	1.73	.04	.17	2	3.22

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt

A 203723	1	158	3	42	<.3	22	16	1027	2.89	3	<8	<2	3	129	.2	<3	<3	26	3.36	.176	10	20	.55	200	.01	7	.86	.04	.30	<2	.02
A 203724	1	132	3	64	<.3	35	18	1010	3.90	<2	<8	<2	4	158	.2	<3	<3	28	2.91	.229	7	33	1.05	101	.01	7	1.48	.03	.36	<2	<.01
A 203725	1	145	<3	63	<.3	27	20	983	4.37	3	<8	<2	3	158	<.2	5	<3	29	2.64	.192	6	14	.66	154	.01	7	.94	.05	.36	<2	<.01
A 203726	1	171	<3	72	<.3	29	24	1379	4.52	<2	<8	<2	<2	270	<.2	3	4	40	4.45	.204	5	17	1.49	156	.01	5	.85	.04	.30	3	<.01
A 203727	1	187	6	58	<.3	31	23	1486	4.55	<2	<8	<2	2	471	.4	<3	<3	39	6.14	.207	4	24	1.66	329	.01	5	.69	.04	.32	<2	<.01
A 203728	<1	119	5	94	<.3	36	24	1226	4.94	2	<8	<2	<2	474	.2	<3	<3	74	5.08	.216	6	47	2.00	334	.01	4	1.36	.07	.24	<2	<.01
A 203729	1	125	6	80	<.3	39	28	1252	5.39	4	<8	<2	<2	548	.4	3	<3	79	5.86	.237	6	57	1.76	274	.01	5	1.80	.05	.22	<2	<.01
A 203730	1	118	8	66	<.3	36	24	1183	5.08	5	8	<2	<2	455	.3	<3	<3	61	5.67	.224	3	43	2.06	176	.01	4	1.57	.05	.27	<2	<.01
A 203731	1	108	8	68	<.3	34	23	1085	4.89	12	<8	<2	2	500	.4	<3	<3	71	5.88	.203	3	49	2.13	141	.01	3	1.55	.07	.16	<2	.01
A 203732	<1	117	7	70	.3	38	27	1034	5.30	13	<8	<2	2	528	.4	<3	<3	186	5.45	.220	6	83	2.22	168	.01	<3	2.13	.08	.05	<2	.01
A 203733	1	113	11	115	.3	37	26	1371	5.07	11	<8	<2	2	416	.6	<3	<3	119	4.99	.229	6	65	2.32	188	.01	4	1.63	.08	.11	<2	<.01
A 203734	1	97	10	80	<.3	35	28	1679	5.01	12	<8	<2	<2	436	.4	<3	<3	55	5.29	.222	3	37	2.31	161	.01	5	1.36	.07	.29	<2	<.01
RE A 203734	1	96	8	78	.3	35	27	1636	4.84	12	8	<2	<2	417	.3	<3	<3	54	5.12	.212	3	36	2.24	153	.01	4	1.31	.06	.27	<2	.01
RRE A 203734	1	100	14	80	<.3	36	27	1659	4.95	10	<8	<2	<2	431	.3	4	<3	54	5.26	.220	4	37	2.28	150	.01	4	1.31	.06	.26	<2	<.01
A 203735	<1	109	7	101	<.3	37	26	1601	5.22	6	<8	<2	2	383	.5	4	<3	98	4.70	.232	6	61	2.39	156	.01	3	1.76	.07	.17	<2	<.01
A 203736	4	148	8	93	<.3	39	31	1950	5.23	17	<8	<2	2	333	.4	<3	<3	51	4.71	.213	4	34	1.97	168	.01	5	1.53	.05	.28	<2	.01
A 203737	1	139	5	57	<.3	11	12	746	2.84	3	<8	<2	3	209	.3	3	3	18	2.33	.191	11	13	.90	241	.01	16	1.41	.06	.39	<2	<.01
A 203738	1	130	4	70	<.3	12	14	1022	3.09	5	<8	<2	3	355	.2	4	<3	21	2.44	.190	8	11	1.12	387	.01	9	.91	.08	.31	<2	<.01
A 203739	<1	146	4	78	<.3	19	18	960	3.67	4	<8	<2	3	281	.4	<3	<3	30	2.11	.246	14	17	1.24	383	.02	3	1.61	.05	.36	<2	.01
A 203740	1	274	14	50	<.3	63	94	1192	4.62	164	<8	<2	2	268	.4	5	<3	36	3.70	.268	5	18	1.43	98	.01	<3	1.62	.06	.24	<2	<.01
A 203741	1	4967	36	79	.6	94	136	1320	5.24	211	<8	<2	2	379	1.1	6	<3	57	4.95	.234	4	34	1.94	86	.01	<3	1.26	.06	.20	<2	.02
A 203742	1	6375	9	73	2.2	34	27	938	5.13	23	<8	<2	2	406	.5	8	<3	81	4.41	.213	5	45	2.23	107	<.01	<3	2.02	.05	.20	<2	.01
A 203743	<1	998	<3	78	.5	36	25	860	5.18	23	<8	<2	2	389	.4	5	<3	153	4.11	.229	9	77	2.41	60	.01	4	2.02	.06	.08	<2	<.01
A 203744	<1	1470	3	79	<.3	38	26	845	5.56	10	<8	<2	2	374	.4	<3	3	160	4.18	.232	8	78	2.49	69	<.01	4	2.23	.07	.10	<2	<.01
A 203745	1	849	9	79	<.3	23	27	1127	5.01	29	9	<2	<2	398	.5	<3	<3	53	4.38	.189	7	23	1.34	118	.01	4	2.08	.05	.25	<2	<.01
A 203746	6	100	10	115	<.3	45	40	1289	4.46	77	18	<2	2	343	.7	5	<3	44	5.00	.199	4	7	2.16	83	.01	<3	1.08	.05	.22	3	.01
STANDARD DS3/AU-1	9	126	37	158	.3	38	12	807	3.19	33	<8	<2	4	27	6.1	6	6	80	.53	.097	18	195	.61	152	.08	5	1.75	.04	.17	4	3.35

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ASSAY CERTIFICATE

Sultan Minerals File # A200148
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: A. Troup

SAMPLE#	Au** gm/mt
31	<.01
33	.17
34	.35
35	.15
36	.25
37	1.32
38	1.16
39	.12
40	.25
41	11.40
42	.34
43	.17
44	2.29
RE 44	2.31
45	.23
46	.31
47	1.56
48	.58
49	.66
50	1.12
51	.67
52	2.85
53	2.28
54	2.12
55	.34
56	6.40
57	.18
58	.49
59	2.91
60	.09
STANDARD AU-1	3.47

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.

- SAMPLE TYPE: CORE CHIP P150

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 17 2002 DATE REPORT MAILED: *Jan 25/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A200584 Page 1
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au**, and units (ppm, %). Rows include sample IDs like A 204301 through STANDARD DS3/AU-1.

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAR 7 2002 DATE REPORT MAILED: March 14/02 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 204332	23	49	4	14	<.3	5	5	268	2.04	5	<8	<2	<2	55	.2	<3	<3	9	1.60	.053	7	39	.23	58	.05	<3	.46	.06	.26	2	.31
A 204333	17	63	6	16	<.3	3	8	305	1.68	2	<8	<2	2	58	<.2	<3	<3	10	1.41	.057	7	42	.24	46	.06	<3	.44	.06	.24	<2	.41
A 204334	16	50	6	20	<.3	4	8	316	1.46	<2	<8	<2	<2	59	<.2	<3	<3	14	1.27	.054	6	36	.28	48	.07	<3	.49	.07	.26	<2	.30
A 204335	14	31	<3	19	<.3	4	7	280	1.63	<2	<8	<2	<2	63	<.2	<3	<3	15	1.06	.055	7	36	.30	32	.07	<3	.46	.06	.23	<2	.28
A 204336	14	43	<3	14	<.3	4	6	278	1.77	<2	<8	<2	<2	58	.2	<3	<3	11	1.45	.054	6	37	.22	52	.06	<3	.46	.06	.24	2	.49
A 204337	7	20	8	12	<.3	3	5	243	1.84	5	<8	<2	<2	51	.2	<3	<3	9	1.57	.054	8	27	.18	66	.03	<3	.37	.05	.21	2	.27
A 204338	20	36	<3	13	.3	4	6	261	1.89	5	<8	2	2	59	<.2	<3	<3	11	1.51	.056	7	48	.22	76	.05	3	.45	.07	.30	6	1.57
A 204339	21	32	4	15	<.3	4	4	265	1.82	4	<8	<2	2	60	.2	<3	<3	13	1.26	.055	6	37	.25	41	.07	6	.44	.06	.29	3	1.52
A 204340	23	39	7	16	<.3	4	7	245	2.36	5	<8	<2	2	52	<.2	<3	<3	14	.92	.053	6	46	.28	35	.08	4	.45	.06	.23	4	1.24
A 204341	19	36	7	13	<.3	3	5	286	2.10	3	10	<2	<2	46	.2	<3	<3	13	1.42	.054	7	38	.23	37	.07	5	.41	.05	.26	3	.57
A 204342	6	22	8	14	<.3	4	4	209	1.75	5	<8	<2	2	57	.2	<3	<3	13	1.05	.053	6	40	.25	40	.08	6	.46	.06	.27	3	.48
A 204343	9	19	5	11	<.3	3	5	202	2.08	5	<8	<2	<2	48	.3	<3	<3	11	1.31	.054	8	39	.22	52	.06	5	.41	.05	.26	4	.24
A 204344	16	34	14	14	.4	5	7	217	2.95	8	<8	<2	<2	65	.3	3	<3	15	.96	.056	6	44	.30	45	.08	3	.51	.07	.27	10	.96
A 204345	45	17	7	12	<.3	3	5	250	2.16	12	<8	<2	<2	46	.2	<3	<3	11	1.24	.056	5	39	.24	43	.07	<3	.42	.06	.29	9	.26
A 204346	2	26	7	15	<.3	3	4	325	1.77	<2	<8	<2	<2	63	.2	<3	<3	14	1.58	.056	6	39	.22	54	.06	4	.46	.06	.29	4	.38
RE A 204346	2	25	3	14	<.3	4	4	315	1.71	<2	<8	<2	<2	61	.2	<3	<3	12	1.54	.055	6	39	.22	54	.06	5	.45	.06	.29	2	.39
RRE A 204346	3	24	8	14	<.3	4	4	317	1.71	3	<8	<2	<2	60	<.2	<3	<3	11	1.55	.056	7	35	.21	48	.06	6	.42	.05	.26	3	.35
A 204347	3	23	5	11	<.3	3	5	332	1.76	2	<8	<2	2	72	.2	<3	<3	8	1.91	.055	8	35	.16	63	.02	<3	.40	.06	.26	<2	.21
A 204348	5	10	7	11	<.3	4	6	301	2.13	3	<8	<2	2	77	.3	<3	<3	9	1.88	.058	8	37	.19	61	.02	6	.40	.06	.25	<2	.56
A 204349	2	5	3	13	.3	4	4	238	1.94	<2	<8	2	<2	61	<.2	<3	<3	10	1.50	.057	6	34	.21	52	.06	<3	.39	.07	.25	<2	.54
A 204350	3	7	9	11	<.3	3	4	263	2.02	5	<8	<2	2	66	.2	<3	<3	9	1.66	.059	7	32	.21	39	.05	3	.39	.06	.22	<2	.28
A 204351	10	6	10	10	<.3	4	4	251	1.89	2	<8	<2	2	66	.3	<3	<3	9	1.66	.055	7	38	.17	63	.06	4	.39	.06	.25	<2	.28
A 204352	14	15	4	14	<.3	3	5	259	1.91	<2	<8	<2	2	65	<.2	<3	<3	14	1.53	.057	6	36	.22	48	.07	<3	.44	.06	.27	2	.18
A 204353	10	10	4	11	<.3	4	5	256	1.91	2	<8	<2	2	69	.2	<3	<3	9	1.69	.060	6	37	.19	55	.05	<3	.42	.07	.24	<2	.32
A 204354	5	8	7	10	<.3	3	4	208	1.91	2	<8	4	2	56	<.2	<3	<3	9	1.37	.053	7	27	.20	40	.05	3	.37	.06	.22	<2	6.00
A 204355	7	8	9	11	<.3	4	4	226	2.17	2	8	<2	2	62	<.2	<3	<3	9	1.50	.053	6	40	.20	54	.05	4	.41	.06	.26	2	.25
A 204356	19	29	5	13	<.3	2	4	267	1.63	2	<8	<2	2	69	.3	<3	<3	10	1.64	.055	6	32	.21	45	.06	4	.42	.05	.28	2	.17
A 204357	5	54	3	12	.3	4	5	231	1.76	<2	<8	<2	2	63	.2	<3	<3	14	1.46	.053	5	37	.20	46	.07	<3	.43	.07	.28	<2	.25
A 204358	5	32	7	11	<.3	3	4	236	1.79	<2	<8	<2	2	59	.2	<3	<3	9	1.56	.056	6	36	.18	43	.05	<3	.41	.05	.27	<2	.75
STANDARD DS3/AU-1	9	124	37	152	.3	37	13	830	3.22	32	10	<2	3	29	5.7	6	6	79	.55	.095	18	190	.60	150	.09	4	1.81	.04	.17	5	3.34

Sample type: CORE R15D 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A200659 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	gm/mt
SI	<1	<1	<3	<1	.4	1	<1	<2	.01	2	<8	<2	<2	2	<2	<3	<3	<1	.07	<.001	<1	1	<.01	<1	<.01	<3	<.01	.36	<.01	<2	.01
A 204359	5	16	4	13	<.3	7	4	265	2.23	<2	<8	<2	2	76	<.2	<3	<3	12	1.50	.072	8	23	.32	104	.05	<3	.48	.09	.27	<2	.88
A 204360	2	16	4	12	.3	3	3	272	1.99	2	8	<2	<2	58	<.2	<3	<3	11	1.42	.053	6	19	.24	39	.05	<3	.41	.07	.26	6	1.04
A 204361	6	50	3	10	.3	2	3	214	2.01	3	<8	<2	2	59	<.2	<3	<3	9	1.50	.052	6	29	.20	47	.02	<3	.40	.05	.26	<2	.57
A 204362	3	39	5	14	<.3	4	3	213	1.94	5	<8	<2	<2	58	<.2	<3	<3	15	1.29	.052	6	31	.26	42	.05	<3	.45	.07	.26	<2	.22
A 204363	4	52	<3	11	<.3	2	3	188	1.87	4	<8	<2	<2	57	<.2	<3	<3	10	1.40	.050	7	32	.20	49	.03	<3	.40	.06	.27	<2	.39
A 204364	4	72	3	16	.5	5	5	190	1.92	<2	<8	<2	2	72	.2	<3	7	14	1.43	.052	7	35	.23	88	.04	<3	.37	.06	.25	2	.59
A 204365	3	67	12	15	<.3	176	33	757	5.21	<2	<8	<2	<2	887	.3	<3	5	127	4.82	.453	106	152	4.24	3365	.06	<3	2.76	.27	2.26	<2	.01
A 204366	4	22	4	9	<.3	3	3	160	1.97	4	<8	<2	<2	60	<.2	<3	7	12	1.38	.047	6	33	.17	61	.04	<3	.32	.06	.18	<2	.41
A 204367	8	15	<3	9	<.3	3	3	317	1.77	<2	<8	<2	<2	73	<.2	<3	<3	7	1.72	.049	6	30	.18	82	.01	<3	.40	.06	.24	<2	.18
A 204368	8	20	<3	9	.3	4	4	364	1.96	3	<8	<2	3	108	<.2	<3	<3	8	1.77	.050	5	35	.24	43	<.01	<3	.35	.06	.22	<2	.28
A 204369	7	68	6	22	<.3	3	7	435	2.24	12	<8	<2	3	105	.4	<3	3	24	2.29	.054	6	39	.39	37	.03	<3	.61	.06	.23	4	1.14
A 204370	4	365	4	19	.4	22	24	624	4.62	43	<8	<2	<2	79	.5	<3	6	96	2.01	.155	3	59	1.36	80	.16	<3	1.61	.03	1.50	5	1.05
A 204371	3	377	4	2	.5	23	39	328	5.90	52	<8	<2	2	64	<.2	4	9	65	2.11	.154	4	44	.53	33	.16	<3	.68	.04	.27	8	.59
A 204372	1	160	<3	11	.3	32	23	510	4.84	20	<8	<2	<2	69	.2	<3	<3	79	1.51	.135	2	43	1.26	110	.17	<3	1.64	.05	1.31	2	.19
A 204373	3	203	<3	7	.3	38	31	435	3.73	20	<8	<2	<2	69	<.2	<3	6	66	1.54	.136	2	57	.99	142	.17	<3	1.36	.07	.92	2	.37
A 204374	2	185	<3	9	<.3	31	30	453	3.16	14	<8	<2	<2	54	.2	<3	<3	72	1.72	.131	1	80	1.06	161	.15	<3	1.25	.04	.83	<2	.30
A 204375	2	113	8	17	.3	33	29	440	2.99	17	<8	<2	2	56	.6	<3	3	73	1.55	.124	2	94	1.11	159	.15	<3	1.29	.05	.94	2	.45
A 204376	2	272	8	37	.3	30	39	692	5.46	22	<8	<2	<2	94	.8	<3	3	126	3.51	.117	1	81	1.68	176	.17	<3	1.91	.04	2.06	2	.33
RE A 204376	2	282	5	37	.3	32	41	707	5.59	22	<8	<2	<2	97	1.0	<3	<3	130	3.60	.121	1	85	1.72	183	.16	<3	1.96	.04	2.10	3	.38
RRE A 204376	3	295	5	37	.6	32	42	703	5.74	24	<8	<2	<2	98	1.0	<3	4	132	3.62	.125	1	87	1.80	187	.17	<3	2.00	.03	2.15	3	.37
A 204377	3	322	<3	9	.9	31	55	491	3.77	20	<8	<2	<2	68	.6	<3	4	79	2.50	.138	2	90	1.04	94	.16	<3	1.21	.05	.86	2	.36
A 204378	2	287	<3	3	.6	32	62	417	3.11	18	<8	<2	2	73	.3	<3	<3	65	2.05	.134	1	82	.82	41	.16	<3	1.03	.04	.69	2	.22
A 204379	3	293	<3	2	.3	29	47	381	3.77	23	<8	<2	<2	79	.3	<3	<3	65	1.90	.142	1	78	.77	32	.16	<3	.98	.06	.61	2	.33
A 204380	4	174	<3	9	.3	25	46	521	4.91	19	<8	<2	<2	76	.4	<3	<3	91	2.40	.132	2	78	1.19	99	.18	<3	1.31	.05	.96	2	.34
A 204381	2	309	4	24	1.3	21	35	600	6.07	13	<8	4	2	77	.8	<3	<3	138	2.92	.112	1	47	2.05	205	.23	<3	2.19	.05	2.63	3	3.34
A 204382	3	641	3	23	1.0	26	33	780	6.72	14	<8	<2	<2	87	1.0	<3	3	111	4.06	.107	1	67	2.14	179	.18	<3	2.22	.02	2.90	4	2.50
A 204383	4	422	<3	12	.6	37	45	702	5.84	18	<8	<2	<2	74	1.0	<3	5	109	3.91	.104	1	117	1.49	216	.18	<3	1.71	.02	2.23	2	.70
A 204384	5	144	<3	11	.3	29	38	527	3.94	12	<8	<2	2	68	.4	<3	<3	82	1.97	.117	1	108	1.16	170	.17	<3	1.30	.04	.98	<2	.15
A 204385	3	167	<3	14	.6	32	30	664	3.89	11	<8	<2	<2	74	.2	<3	<3	100	2.41	.136	<1	111	1.52	342	.20	<3	1.82	.05	2.17	<2	.14
A 204386	3	181	<3	16	<.3	16	35	696	4.55	6	<8	<2	<2	81	.6	<3	<3	99	3.10	.151	2	50	1.42	139	.20	<3	1.76	.04	2.14	<2	.15
A 204387	2	165	<3	22	<.3	17	31	617	4.25	4	<8	<2	<2	94	.4	<3	<3	98	2.06	.151	2	52	1.52	294	.21	<3	1.86	.03	2.16	<2	.12
A 204388	3	180	<3	30	<.3	22	30	714	4.65	8	<8	<2	<2	95	.7	<3	<3	141	2.47	.139	1	93	2.34	921	.25	<3	2.64	.03	3.52	<2	.07
A 204389	2	69	<3	14	<.3	4	4	292	1.62	2	<8	2	2	29	.2	<3	<3	14	.38	.055	6	27	.24	70	.06	4	.50	.06	.29	4	.67
STANDARD DS3/AU-1	11	124	32	142	<.3	35	11	776	3.11	32	10	<2	3	26	5.4	6	3	71	.50	.088	16	173	.55	174	.08	<3	1.65	.04	.16	6	3.33

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAR 12 2002 DATE REPORT MAILED: March 14/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	%	ppm	gm/mt
A 204390	2	62	4	22	<.3	3	3	405	1.62	3	<8	<2	<2	84	<.2	<3	<3	12	1.81	.054	5	24	.27	68	.07	<3	.48	.06	.24	9	.28	
A 204391	2	23	9	21	<.3	4	4	382	2.01	9	<8	<2	2	70	<.2	<3	<3	14	1.52	.053	6	32	.29	48	.06	<3	.52	.06	.24	3	.51	
A 204392	2	27	3	20	<.3	4	4	349	1.89	7	13	<2	2	64	<.2	<3	<3	10	1.53	.053	7	33	.23	80	.02	4	.40	.05	.21	2	.57	
A 204393	2	40	9	23	<.3	5	3	269	2.15	13	11	<2	<2	60	.4	3	<3	18	1.23	.057	8	39	.28	44	.08	<3	.46	.07	.20	<2	.42	
A 204394	3	19	5	17	<.3	44	10	387	2.68	8	12	<2	<2	311	.6	<3	4	44	2.11	.207	24	95	1.35	153	.12	<3	1.02	.06	.36	2	.30	
A 204395	2	12	3	15	<.3	4	3	219	1.61	7	<8	<2	2	50	<.2	<3	<3	9	1.41	.051	7	34	.19	60	.02	<3	.37	.06	.22	<2	.68	
A 204396	3	53	5	19	<.3	4	4	274	1.78	3	<8	<2	<2	61	.5	<3	4	13	1.44	.054	7	37	.28	55	.05	4	.48	.06	.24	<2	1.92	
A 204397	2	41	6	14	<.3	3	3	305	1.75	2	13	<2	<2	58	.3	<3	4	9	1.50	.049	7	33	.23	59	.02	<3	.42	.05	.22	2	1.57	
A 204398	6	76	5	18	.3	4	4	323	1.72	5	12	<2	<2	59	.3	<3	<3	10	1.43	.051	8	30	.22	57	.02	<3	.44	.04	.26	<2	.36	
RE A 204398	6	78	3	19	.4	3	4	325	1.73	3	10	<2	2	60	.3	<3	<3	11	1.44	.051	8	29	.23	60	.02	<3	.44	.05	.28	<2	.32	
RRE A 204398	6	82	<3	18	.6	3	4	333	1.78	5	<8	<2	2	62	.4	<3	<3	10	1.50	.053	9	33	.23	57	.02	<3	.44	.06	.26	<2	.34	
A 204399	2	20	5	14	<.3	4	4	300	2.27	6	<8	<2	2	65	.4	<3	<3	8	1.48	.053	8	31	.22	57	.01	<3	.40	.06	.22	<2	.23	
A 204400	3	45	4	20	.5	2	4	356	1.71	4	<8	<2	2	75	.4	<3	<3	12	1.52	.051	8	34	.26	54	.01	<3	.40	.06	.21	<2	.37	
A 204401	2	51	6	20	.6	3	4	374	1.84	5	<8	<2	2	91	.5	<3	5	10	1.82	.054	8	33	.24	107	<.01	<3	.41	.06	.22	2	.99	
A 204402	2	34	5	15	.5	2	4	282	1.87	4	10	<2	3	70	.4	<3	<3	9	1.55	.052	9	34	.24	104	<.01	4	.34	.05	.20	<2	1.55	
STANDARD DS3/AU-1	10	122	35	140	.3	35	11	772	3.03	32	10	<2	3	27	5.5	6	3	72	.52	.089	16	174	.57	173	.09	3	1.70	.03	.16	6	3.43	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	<1	<3	2	.3	1	<1	3	.03	4	<8	<2	<2	2	<.2	<3	<3	<1	.22	<.001	<1	3	<.01	2	<.01	<3	<.01	.31	<.01	<2	.01
A 204403	<1	56	3	11	.6	6	5	305	1.87	6	13	<2	<2	65	.2	<3	<3	5	1.78	.053	8	23	.21	99	<.01	4	.28	.06	.19	2	.87
A 204404	<1	47	<3	14	.3	3	4	337	1.69	3	9	<2	2	67	.2	<3	3	8	1.60	.052	9	12	.21	83	.01	4	.37	.06	.22	<2	1.57
A 204405	<1	30	6	14	.9	4	7	282	1.86	5	<8	2	2	72	.2	<3	3	6	1.54	.053	9	21	.20	67	<.01	6	.30	.06	.20	2	3.49
A 204406	1	62	8	23	.7	3	7	298	2.04	4	<8	3	2	72	.6	<3	<3	7	1.50	.053	7	16	.22	75	.01	3	.35	.06	.22	<2	2.60
A 204407	1	16	4	13	<.3	4	6	283	1.97	5	<8	<2	2	63	.2	<3	<3	11	1.45	.054	8	24	.24	65	.02	4	.39	.07	.23	2	.95
A 204408	1	20	4	13	<.3	3	5	248	1.92	4	<8	<2	2	56	<.2	<3	<3	11	1.28	.055	7	13	.24	54	.03	4	.40	.06	.24	4	1.15
A 204409	<1	16	<3	10	<.3	4	6	231	2.11	3	<8	<2	<2	51	<.2	<3	<3	8	1.20	.054	6	22	.21	76	.02	<3	.36	.06	.24	3	.92
A 204410	<1	49	6	16	<.3	3	4	234	1.85	4	<8	<2	<2	66	.2	<3	<3	17	1.17	.051	5	16	.29	27	.06	5	.42	.07	.15	2	.37
A 204411	1	23	5	23	<.3	43	12	429	2.91	4	<8	<2	4	352	<.2	<3	<3	40	2.08	.247	34	42	1.20	105	.17	6	1.03	.22	.57	2	.18
A 204412	1	32	19	21	.5	3	4	241	2.33	4	<8	2	2	64	1.2	<3	<3	12	1.37	.054	6	16	.27	55	.03	3	.41	.07	.21	2	1.92
A 204413	3	9	3	8	<.3	4	4	192	2.16	4	15	<2	2	55	<.2	<3	<3	8	1.45	.051	7	23	.15	73	.02	4	.33	.06	.22	2	1.20
A 204414	3	10	6	11	<.3	3	4	142	2.56	3	<8	5	<2	47	<.2	<3	<3	12	1.16	.052	6	14	.22	63	.03	<3	.37	.07	.22	2	4.04
A 204415	7	9	6	10	<.3	4	4	164	2.25	3	<8	<2	<2	49	<.2	<3	<3	13	1.25	.055	7	26	.24	52	.05	<3	.39	.07	.17	3	.43
A 204416	15	17	<3	9	<.3	3	7	128	2.18	2	9	<2	2	48	<.2	<3	<3	12	1.14	.051	6	18	.25	62	.05	<3	.41	.07	.21	3	.47
A 204417	10	20	5	11	<.3	4	4	169	2.09	2	14	<2	2	61	<.2	<3	<3	16	1.24	.055	6	24	.29	42	.07	<3	.46	.07	.21	3	.32
A 204418	8	10	5	8	<.3	3	4	156	2.29	2	<8	<2	2	50	<.2	<3	<3	11	1.41	.051	6	17	.20	44	.05	<3	.40	.06	.23	3	.27
RE A 204418	8	11	4	8	<.3	3	4	158	2.34	3	<8	<2	2	51	<.2	<3	<3	11	1.43	.052	6	18	.20	44	.05	<3	.40	.06	.23	3	.27
RRE A 204418	9	12	4	8	<.3	4	4	163	2.41	4	8	<2	<2	51	<.2	<3	<3	11	1.45	.052	6	25	.20	43	.05	<3	.40	.06	.22	3	.30
A 204419	9	27	4	9	<.3	3	5	217	2.44	3	<8	<2	2	66	<.2	<3	<3	9	1.77	.052	8	15	.17	67	.02	<3	.37	.06	.24	<2	.93
A 204420	16	102	<3	10	<.3	4	4	197	2.31	2	<8	<2	2	71	<.2	<3	<3	8	1.61	.057	9	20	.18	66	.03	<3	.39	.06	.25	2	.35
A 204421	12	107	<3	12	.3	3	5	250	2.30	<2	<8	<2	2	71	<.2	<3	<3	9	1.61	.054	5	19	.21	55	.05	3	.46	.06	.28	3	.19
A 204422	8	60	<3	18	<.3	3	4	312	2.04	<2	<8	4	<2	62	<.2	<3	<3	9	1.53	.054	7	18	.24	48	.04	<3	.50	.06	.26	<2	3.64
A 204423	5	33	3	15	<.3	3	5	272	1.94	4	<8	<2	<2	71	<.2	<3	<3	12	1.38	.053	5	17	.21	41	.07	<3	.47	.06	.26	3	.61
A 204424	1	11	9	16	<.3	4	4	230	1.98	4	<8	<2	2	24	<.2	<3	<3	12	.34	.056	6	23	.25	54	.06	<3	.47	.07	.26	13	1.66
A 204425	1	48	4	21	<.3	3	5	324	1.80	15	<8	<2	<2	70	.2	<3	<3	16	.98	.053	6	23	.35	35	.07	<3	.59	.08	.15	3	.33
A 204426	1	84	8	22	.3	5	5	317	1.75	22	<8	<2	<2	76	.3	<3	<3	16	1.05	.056	5	30	.36	29	.07	<3	.57	.08	.12	3	.33
A 204427	<1	18	<3	17	<.3	3	5	360	1.70	10	<8	<2	2	87	<.2	<3	<3	9	1.67	.055	9	17	.27	59	.02	<3	.49	.07	.21	2	.46
A 204428	1	22	4	18	<.3	4	6	347	1.95	10	<8	<2	2	88	<.2	<3	<3	14	1.69	.055	6	27	.27	51	.03	<3	.50	.07	.23	3	.32
A 204429	1	29	<3	19	.3	3	5	290	1.88	8	8	<2	2	78	.2	<3	<3	14	1.41	.056	6	20	.28	43	.05	<3	.49	.07	.21	3	.57
A 204430	1	54	4	16	.3	4	4	299	1.89	5	<8	<2	2	82	.2	<3	<3	7	1.65	.055	8	25	.19	86	.01	<3	.36	.07	.22	<2	.90
A 204431	2	50	3	15	.3	3	4	291	1.96	8	<8	<2	3	67	.2	<3	<3	7	1.47	.055	8	15	.24	51	.01	<3	.35	.07	.22	<2	.56
A 204432	1	48	<3	20	<.3	4	4	403	1.85	7	<8	<2	2	76	.2	<3	<3	12	1.63	.056	9	19	.28	60	.02	<3	.46	.07	.22	2	.37
A 204433	1	30	<3	28	<.3	31	9	567	2.43	6	11	<2	3	339	.2	<3	<3	35	2.25	.187	29	39	1.09	276	.10	<3	1.00	.21	.41	2	.21
STANDARD DS3/AU-1	10	123	34	150	<.3	37	12	820	3.19	32	<8	<2	3	29	5.4	6	6	78	.55	.093	17	180	.59	150	.09	<3	1.73	.04	.16	7	3.45

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAR 15 2002 DATE REPORT MAILED: March 20/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#

Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt	
A 204434	2	38	5	27	<.3	13	5	468	1.97	4	<8	<2	141	.2	<3	<3	22	1.55	.092	10	25	.58	132	.07	3	.73	.07	.25	2	.23	
A 204435	2	37	<3	31	<.3	3	4	406	2.03	5	<8	<2	70	.5	<3	<3	12	1.47	.057	7	8	.28	41	.03	4	.51	.06	.22	<2	.40	
A 204436	2	46	3	28	<.3	4	4	384	1.77	4	<8	<2	83	.4	<3	<3	12	1.56	.056	7	6	.27	45	.03	3	.53	.07	.25	2	.27	
A 204437	1	86	<3	38	<.3	3	3	515	1.65	3	<8	<2	98	1.1	<3	<3	10	2.26	.052	6	6	.22	46	.02	3	.50	.05	.24	<2	.30	
A 204438	2	50	4	79	<.3	3	6	443	2.37	7	<8	<2	75	3.3	<3	3	7	1.83	.052	7	5	.21	57	.01	<3	.47	.06	.25	2	.34	
A 204439	2	39	4	20	<.3	3	5	414	1.73	2	<8	<2	74	.3	<3	<3	5	1.91	.055	11	6	.17	118	<.01	<3	.41	.06	.23	<2	1.42	
A 204440	3	25	<3	21	<.3	3	4	354	1.86	7	<8	<2	69	.2	<3	<3	9	1.65	.056	11	4	.21	106	<.01	5	.42	.07	.21	<2	.41	
A 204441	1	28	5	20	<.3	3	4	378	1.88	6	<8	<2	71	.3	<3	<3	10	1.60	.053	8	5	.25	69	.02	5	.48	.06	.20	<2	.34	
A 204442	1	54	5	16	<.3	3	4	461	1.73	3	<8	<2	123	.2	<3	<3	7	2.53	.053	7	5	.20	71	<.01	<3	.47	.06	.21	<2	.35	
A 204443	2	25	6	18	<.3	3	4	359	1.85	4	<8	<2	100	.2	<3	<3	9	1.66	.055	6	5	.27	92	.01	4	.48	.06	.21	2	.40	
A 204444	2	13	4	8	<.3	3	5	272	1.84	2	<8	<2	105	.2	<3	<3	4	1.65	.054	3	4	.15	38	<.01	3	.35	.06	.22	<2	.44	
A 204445	2	6	4	11	<.3	3	6	294	1.95	2	<8	<2	74	.3	<3	<3	6	1.68	.055	6	6	.19	71	.01	<3	.39	.06	.21	<2	.23	
A 204446	2	29	5	14	<.3	3	6	200	2.07	5	<8	<2	56	.5	<3	<3	12	.94	.056	6	11	.26	33	.08	5	.44	.08	.14	3	.48	
A 204447	2	12	5	9	<.3	3	5	205	2.20	3	9	<2	52	.2	<3	<3	13	1.30	.058	8	11	.25	34	.04	6	.42	.07	.16	2	.28	
A 204448	2	7	5	19	<.3	3	5	270	2.15	3	<8	<2	66	.3	<3	<3	14	1.26	.058	6	9	.34	42	.05	6	.50	.07	.17	<2	.43	
RE A 204448	2	7	3	20	<.3	4	5	269	2.16	3	<8	<2	66	.2	<3	<3	14	1.25	.057	6	7	.34	42	.05	5	.50	.07	.17	<2	.47	
RRE A 204448	3	10	3	19	<.3	3	5	266	2.11	3	<8	<2	66	.2	<3	<3	14	1.25	.056	6	8	.33	43	.05	3	.50	.07	.17	<2	.42	
A 204449	1	7	5	25	<.3	3	4	297	2.04	2	<8	<2	78	.3	<3	<3	14	.93	.058	5	9	.34	28	.08	4	.55	.07	.16	<2	.25	
A 204450	2	12	6	30	<.3	4	4	354	1.54	4	<8	<2	93	.4	<3	<3	14	1.17	.058	6	8	.37	45	.07	5	.59	.07	.22	<2	.23	
A 204451	2	13	14	49	.4	4	4	361	1.83	5	<8	<2	92	.5	<3	<3	14	1.39	.056	5	11	.35	28	.07	4	.55	.07	.18	2	.48	
A 204452	3	17	4	26	<.3	24	7	357	2.22	4	<8	<2	148	<.2	<3	<3	28	1.51	.130	14	42	.81	97	.09	3	.83	.07	.25	<2	.16	
A 204453	6	14	6	27	<.3	4	5	357	1.87	6	<8	<2	80	.2	<3	<3	15	1.39	.057	5	9	.33	32	.07	<3	.53	.07	.22	2	.14	
A 204454	4	7	5	24	<.3	3	5	429	1.95	4	<8	<2	118	.2	<3	<3	15	1.64	.057	6	9	.33	40	.06	3	.58	.07	.19	7	.68	
A 204455	2	15	5	26	<.3	3	7	445	1.66	3	9	<2	103	.2	<3	<3	17	1.71	.058	5	7	.32	48	.06	6	.60	.07	.20	<2	.15	
A 204456	1	11	<3	32	<.3	3	4	434	1.85	4	<8	<2	79	<.2	<3	<3	11	1.63	.055	4	6	.27	43	.05	5	.57	.05	.15	<2	.35	
A 204457	2	47	7	40	.5	4	4	393	1.87	5	<8	<2	79	.2	<3	5	8	1.58	.054	8	8	.21	53	.02	3	.44	.06	.23	2	1.01	
A 204458	<1	72	3	20	.4	12	5	456	1.94	5	<8	<2	169	.2	<3	<3	18	1.96	.105	14	12	.54	171	.06	6	.68	.09	.30	<2	.56	
A 204459	2	16	8	12	2.2	3	4	205	2.15	8	<8	8	2	53	.2	<3	7	7	1.07	.053	6	6	.17	56	.01	4	.34	.05	.21	<2	8.70
A 204460	1	18	5	16	1.4	25	9	349	2.58	6	<8	11	2	119	.2	<3	6	17	1.65	.107	13	33	.64	50	.04	5	.64	.06	.26	<2	14.02
A 204461	2	33	8	18	3.4	4	4	267	2.25	8	9	27	3	73	.3	3	7	9	1.27	.057	9	7	.26	58	.01	8	.43	.06	.23	2	22.06
A 204462	1	26	5	16	3.5	3	4	303	2.11	4	<8	33	3	76	.4	<3	7	6	1.45	.057	9	5	.24	81	<.01	3	.38	.06	.21	<2	33.87
A 204463	1	51	3	19	1.1	3	3	425	1.56	4	9	2	2	109	.3	<3	4	5	1.84	.055	6	5	.22	58	<.01	5	.33	.06	.23	<2	.45
A 204464	1	91	<3	16	.6	3	4	441	1.65	4	<8	<2	2	109	.4	<3	4	5	1.99	.055	6	5	.21	84	<.01	3	.40	.05	.26	<2	.42
A 204465	2	25	4	12	.3	3	4	334	1.97	5	<8	2	2	80	.3	<3	4	5	1.69	.053	7	9	.18	55	.01	3	.38	.05	.26	<2	2.22
STANDARD DS3/AU-1	10	124	31	152	<.3	37	12	826	3.21	32	<8	<2	3	28	5.7	4	7	77	.54	.093	18	185	.59	151	.09	<3	1.76	.04	.17	5	3.48

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 204466	1	17	5	16	1.0	4	3	387	1.77	6	<8	<2	3	100	<.2	<3	4	11	1.72	.058	8	6	.28	43	.01	6	.44	.06	.23	2	.44
A 204467	2	65	<3	61	.5	171	38	1143	5.96	<2	<8	<2	4	1089	.5	<3	3	156	5.18	.528	114	174	4.70	2751	.07	7	2.93	.31	1.32	2	.11
STANDARD DS3/AU-1	10	121	34	150	.3	37	13	814	3.19	33	<8	<2	4	31	5.6	6	7	78	.56	.094	18	184	.60	158	.09	<3	1.76	.04	.17	4	3.48

Sample type: CORE R150 60C.



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A200728 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	<1	<3	1	<.3	<1	<1	<2	.01	<2	<8	<2	<2	3	<.2	<3	<3	<1	.10	<.001	<1	3	<.01	4	<.01	<3	.01	.38	.02	<2	<.01
A 204468	1	63	5	32	.3	5	2	472	1.83	9	<8	<2	<2	117	.5	<3	<3	22	1.41	.056	5	18	.37	66	.07	<3	.96	.20	.27	3	.13
A 204469	1	57	8	29	.7	3	3	456	1.71	2	<8	<2	<2	89	.2	<3	9	18	1.42	.054	5	16	.35	61	.06	<3	.86	.17	.26	2	.20
A 204470	1	27	<3	26	<.3	3	3	445	1.58	<2	<8	<2	2	98	<.2	<3	5	13	1.76	.056	8	14	.28	68	.03	<3	.86	.18	.32	2	.08
A 204471	1	36	<3	21	<.3	2	3	453	1.73	3	<8	<2	3	111	<.2	<3	<3	12	1.91	.055	8	14	.25	109	.01	<3	.89	.22	.37	3	.18
A 204472	1	17	<3	16	<.3	5	4	347	1.72	2	<8	<2	2	85	<.2	<3	4	11	1.47	.053	7	20	.27	94	.03	<3	.76	.18	.35	3	.14
A 204473	1	27	5	15	<.3	3	8	321	1.97	2	<8	<2	3	89	.2	<3	3	12	1.37	.054	8	17	.25	110	.02	<3	.93	.29	.44	2	.31
A 204474	2	25	3	18	<.3	3	5	333	2.04	<2	<8	<2	2	72	<.2	<3	5	7	1.43	.053	7	18	.23	94	.02	<3	.59	.12	.29	2	.19
A 204475	1	35	4	15	<.3	5	4	291	2.12	6	<8	<2	3	94	.2	<3	<3	11	1.79	.059	9	16	.25	116	.02	<3	.78	.18	.39	2	.29
A 204476	2	11	<3	16	<.3	4	3	213	2.62	2	<8	<2	3	80	<.2	<3	4	9	1.49	.052	8	20	.22	94	.02	<3	.75	.21	.38	4	.54
A 204477	3	10	<3	15	<.3	3	3	178	2.33	4	<8	<2	2	71	<.2	<3	<3	11	1.47	.053	11	14	.25	105	.02	<3	.73	.21	.35	2	.13
A 204478	2	21	4	15	<.3	3	3	187	2.24	5	8	<2	2	68	.2	<3	5	14	1.23	.051	8	20	.27	103	.05	<3	.78	.21	.33	4	.26
A 204479	4	20	<3	14	<.3	3	3	129	2.49	<2	<8	<2	2	72	<.2	<3	5	16	.89	.052	6	18	.31	82	.07	<3	.85	.25	.35	9	.72
A 204480	18	24	4	14	.3	3	4	169	2.46	3	<8	<2	2	67	.2	<3	4	15	1.21	.053	6	19	.27	93	.06	<3	.88	.23	.41	9	.37
A 204481	6	61	3	14	<.3	4	3	171	1.99	2	9	<2	<2	89	.3	<3	<3	16	1.03	.054	5	18	.30	84	.08	<3	.91	.25	.41	6	1.05
A 204482	3	82	<3	14	<.3	5	3	197	1.83	2	<8	<2	3	91	.3	<3	4	17	1.20	.055	6	21	.30	85	.08	<3	.96	.26	.43	5	.43
A 204483	12	119	4	12	.3	4	4	158	2.07	4	<8	<2	2	78	.2	<3	<3	14	1.13	.053	6	17	.27	85	.07	<3	.94	.27	.44	2	.39
A 204484	23	80	<3	10	.3	5	22	167	2.30	6	<8	<2	2	53	<.2	<3	6	15	1.25	.053	7	18	.25	47	.06	<3	.55	.12	.28	2	.32
RE A 204484	23	83	4	11	<.3	4	23	166	2.37	3	<8	<2	3	58	<.2	<3	<3	17	1.30	.055	7	20	.26	54	.07	<3	.63	.15	.33	2	.31
RRE A 204484	23	75	<3	10	<.3	4	21	152	2.18	4	<8	<2	<2	59	<.2	<3	<3	16	1.19	.050	5	16	.23	63	.07	<3	.69	.17	.35	2	.30
A 204485	56	46	<3	14	.3	5	15	213	2.16	3	<8	<2	2	65	<.2	<3	4	19	1.37	.053	7	17	.29	64	.07	<3	.70	.19	.32	3	.14
A 204486	21	45	<3	14	<.3	3	5	202	1.99	2	<8	<2	2	72	<.2	<3	4	15	1.03	.052	7	17	.26	88	.06	<3	.83	.21	.41	2	.26
A 204487	15	34	<3	17	.4	4	3	286	1.96	<2	<8	<2	2	79	<.2	<3	3	15	1.28	.054	5	17	.29	74	.07	<3	.80	.19	.36	4	.39
A 204488	13	47	3	22	<.3	3	3	271	1.84	2	<8	<2	<2	87	.2	<3	<3	14	.98	.052	6	16	.33	65	.06	<3	.80	.18	.32	2	.32
A 204489	20	95	<3	14	.5	4	3	227	2.16	3	<8	<2	2	57	<.2	<3	<3	15	1.14	.052	6	19	.28	51	.07	<3	.57	.11	.31	4	.96
A 204490	5	27	<3	10	1.2	3	4	189	2.72	7	<8	7	2	62	.3	<3	12	12	1.08	.050	5	16	.22	64	.05	<3	.62	.15	.35	4	10.28
A 204491	15	38	<3	11	1.1	4	6	191	3.00	11	<8	3	2	62	<.2	<3	3	12	1.29	.053	6	17	.24	61	.04	<3	.60	.13	.35	3	3.96
A 204492	4	20	4	12	<.3	3	5	318	1.93	6	<8	<2	2	77	<.2	<3	<3	7	1.58	.053	7	11	.17	87	.02	<3	.85	.19	.48	3	.93
A 204493	4	6	<3	17	<.3	4	4	407	1.88	3	<8	<2	2	95	<.2	<3	3	11	1.82	.055	9	12	.23	98	.03	<3	.78	.19	.42	2	.64
A 204494	4	47	<3	20	.4	4	6	443	2.43	4	<8	<2	2	83	<.2	<3	<3	23	1.82	.058	5	14	.41	85	.07	<3	.93	.16	.74	18	.66
A 204495	2	52	<3	23	.3	5	8	455	2.28	3	<8	<2	2	66	<.2	<3	4	41	1.39	.063	5	20	.57	73	.11	<3	1.00	.14	.64	16	.18
A 204496	2	178	3	25	.4	25	19	591	3.95	3	<8	<2	<2	84	.2	<3	<3	105	1.47	.104	2	55	1.65	98	.21	<3	1.71	.16	1.44	3	.57
A 204497	2	155	<3	31	.5	32	25	538	3.53	2	<8	<2	<2	85	.3	<3	7	121	1.68	.088	2	94	2.02	129	.22	<3	1.88	.10	1.89	2	.32
A 204498	1	136	<3	29	.3	30	25	564	3.23	7	<8	<2	<2	91	.2	3	<3	111	2.11	.089	2	86	1.77	100	.21	<3	1.78	.05	1.55	2	.17
STANDARD DS3/AU-1	10	123	32	151	.4	37	11	797	3.04	29	<8	<2	4	27	5.5	7	3	73	.51	.090	17	176	.56	145	.08	<3	1.70	.04	.17	5	3.40

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CU, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM
 - SAMPLE TYPE: CORE R150 60C AU** GROUP 3B - AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAR 19 2002 DATE REPORT MAILED: March 25/02 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%	%	ppm	ppm	gm/mf
A 204499	3	180	<3	20	<.3	21	25	542	3.34	8	<8	<2	107	.5	3	<3	86	2.56	.122	3	51	1.26	92	.18	<3	1.55	.16	1.12	7	.26	
A 204500	4	325	3	40	.4	16	39	867	5.93	12	<8	<2	119	.8	<3	<3	153	4.78	.115	3	42	2.40	278	.22	<3	2.86	.12	2.81	5	3.23	
A 204501	2	225	<3	29	.5	14	38	893	5.73	12	<8	<2	134	.7	<3	3	137	3.22	.148	3	15	2.36	291	.23	<3	2.85	.12	2.77	3	.36	
A 204502	1	170	<3	15	<.3	19	33	793	5.20	19	<8	<2	143	.4	<3	4	112	4.15	.156	3	17	1.46	225	.19	<3	2.04	.11	1.81	2	.27	
A 204503	3	232	<3	76	<.3	23	30	1082	6.11	17	<8	<2	104	.9	<3	<3	143	5.04	.138	3	54	2.38	326	.21	<3	2.97	.11	2.65	3	.17	
A 204504	3	553	17	545	<.3	16	26	1780	5.69	17	<8	<2	130	4.0	<3	3	136	4.48	.151	4	30	1.97	332	.23	3	2.82	.12	2.87	17	.11	
A 204505	3	157	<3	101	<.3	11	23	1122	4.77	<2	<8	<2	114	.8	<3	<3	139	3.02	.155	4	20	1.95	394	.27	<3	2.74	.20	3.17	3	.01	
A 204506	2	116	6	103	<.3	11	24	1058	4.67	9	8	<2	106	.7	3	3	122	2.88	.158	4	16	1.95	364	.27	<3	2.74	.18	3.10	3	.01	
A 204507	2	133	14	107	.6	11	24	1366	4.91	8	<8	<2	119	.7	<3	8	91	4.79	.159	4	12	1.44	209	.24	<3	2.32	.10	2.54	4	.07	
A 204508	2	128	8	90	.4	11	26	1452	4.81	25	<8	<2	109	.8	<3	<3	88	4.77	.164	5	10	1.19	191	.22	<3	2.15	.09	2.27	3	.08	
A 204509	3	117	21	232	.5	13	23	1682	5.22	27	<8	<2	119	1.8	<3	4	103	5.14	.154	4	12	1.32	245	.23	<3	2.31	.10	2.47	8	.05	
A 204510	8	344	<3	25	<.3	14	37	619	6.22	5	<8	<2	103	.9	<3	4	136	2.60	.166	5	18	2.46	201	.23	<3	2.39	.15	2.91	7	.16	
A 204511	6	393	6	24	.3	16	33	695	6.07	<2	<8	<2	116	.8	<3	<3	134	3.10	.175	4	24	2.28	169	.22	<3	2.40	.14	2.42	2	.11	
A 204512	5	448	<3	22	.3	15	25	578	5.30	2	<8	<2	112	.6	<3	<3	114	1.64	.185	5	11	2.07	138	.22	<3	2.20	.12	2.24	2	.38	
A 204513	10	275	<3	10	<.3	20	28	427	4.27	6	<8	<2	92	.4	<3	4	90	2.09	.184	4	32	.92	94	.18	<3	1.19	.10	1.16	4	.13	
A 204514	31	262	<3	26	<.3	11	32	512	4.33	2	9	<2	73	.6	3	<3	98	3.00	.156	4	18	1.29	73	.18	<3	1.35	.06	1.48	6	.78	
A 204515	13	254	<3	24	<.3	17	39	591	5.62	<2	<8	<2	75	.5	<3	<3	125	1.94	.168	4	32	2.51	198	.19	<3	2.35	.20	2.73	5	.33	
RE A 204515	13	249	<3	23	<.3	16	38	581	5.54	4	<8	<2	76	.5	<3	<3	124	1.92	.165	4	31	2.47	191	.20	<3	2.31	.19	2.71	4	.34	
RRE A 204515	14	267	3	25	<.3	18	41	616	5.93	3	<8	<2	80	.3	<3	<3	133	2.05	.174	5	34	2.61	196	.21	<3	2.44	.19	2.88	5	.38	
A 204516	6	141	<3	38	<.3	22	30	848	6.32	<2	<8	<2	117	.7	<3	<3	143	3.34	.173	7	58	3.59	212	.19	<3	3.52	.08	4.19	3	.15	
A 204517	8	86	<3	11	<.3	6	10	236	2.58	2	<8	<2	55	.3	3	<3	22	1.96	.091	8	8	.48	64	.06	<3	.94	.14	.92	2	.12	
A 204518	7	88	<3	10	<.3	4	7	176	2.65	<2	10	<2	73	.4	3	<3	19	1.64	.088	8	9	.41	64	.10	<3	.99	.15	.80	7	.28	
A 204519	20	84	<3	11	<.3	3	7	142	2.65	2	<8	<2	70	.2	3	<3	20	1.29	.076	8	8	.41	54	.09	<3	.87	.15	.45	9	.10	
A 204520	48	173	<3	11	<.3	4	6	152	1.87	<2	<8	<2	63	.3	<3	<3	9	1.38	.055	6	9	.22	55	.04	<3	.70	.11	.38	12	.23	
A 204521	35	99	<3	9	<.3	3	5	135	1.67	3	<8	<2	57	.3	<3	4	9	1.19	.054	7	8	.16	59	.04	<3	.69	.14	.40	10	.15	
A 204522	35	121	<3	8	.4	3	6	122	1.56	3	<8	<2	60	<.2	4	4	7	1.32	.051	7	6	.14	78	.03	<3	.49	.08	.33	3	.12	
A 204523	43	103	4	4	.3	3	4	159	1.10	2	<8	<2	64	.3	4	<3	6	1.67	.053	10	6	.07	94	.01	<3	.55	.11	.33	2	.17	
A 204524	77	122	<3	4	.3	1	5	128	1.36	<2	<8	<2	43	.4	4	<3	6	1.17	.055	9	7	.04	80	.01	<3	.45	.08	.31	2	.07	
A 204525	77	141	<3	8	.4	3	6	118	1.22	3	<8	<2	50	.2	4	<3	10	1.06	.056	5	8	.19	59	.04	<3	.57	.11	.40	6	.13	
A 204526	169	150	<3	12	.3	4	7	141	1.80	<2	<8	<2	57	.2	4	<3	15	1.22	.061	6	8	.28	84	.06	<3	.63	.10	.42	6	.22	
A 204527	67	112	<3	10	.3	4	7	134	1.79	5	<8	<2	46	.3	6	<3	15	1.16	.067	7	9	.32	63	.08	<3	.61	.09	.45	5	.16	
A 204528	59	174	<3	10	.6	4	8	178	2.16	<2	<8	<2	55	<.2	4	<3	13	1.50	.069	9	7	.29	58	.05	<3	.75	.13	.57	9	.18	
A 204529	39	82	<3	12	<.3	3	4	242	2.02	3	<8	<2	60	.4	3	<3	9	1.57	.056	11	10	.19	58	.02	<3	.56	.11	.32	2	.27	
A 204530	13	52	<3	13	<.3	3	4	257	1.87	7	<8	<2	68	.2	4	3	8	1.58	.054	10	6	.21	81	.01	<3	.57	.12	.31	2	.51	
STANDARD DS3/AU-1	9	121	34	149	<.3	36	11	808	3.11	28	<8	<2	4	28	5.5	5	4	.53	.091	17	179	.58	145	.08	<3	1.74	.04	.17	5	3.31	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 204531	22	73	<3	11	.5	4	7	250	2.64	2	<8	<2	3	74	<.2	<3	4	7	1.72	.059	9	7	.14	97	<.01	<3	.57	.14	.34	<2	1.04
A 204532	12	35	<3	13	.4	4	5	255	2.30	<2	<8	<2	2	70	<.2	<3	4	9	1.78	.057	11	7	.18	100	.01	<3	.54	.11	.32	4	.81
A 204533	6	39	4	17	<.3	3	3	277	1.92	3	9	<2	2	82	<.2	<3	<3	13	1.79	.061	8	9	.26	70	.05	<3	.56	.10	.30	5	.30
STANDARD DS3/AU-1	10	119	35	146	.4	36	11	802	3.12	32	8	<2	4	28	5.3	7	5	75	.53	.092	17	178	.59	155	.09	<3	1.75	.04	.18	5	3.32

Sample type: CORE R150 60C.

GEOCHEMICAL ANALYSIS CERTIFICATE
Sultan Minerals PROJECT KENA File # A200759 Page 1

Submitted by: Linda Dandy



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	<1	<3	1	<3	<1	<1	2	.02	<2	<8	<2	<2	2	<.2	<3	<3	<1	.08	<.001	<1	<1	<.01	2	<.01	<3	.01	.36	<.01	<2	<.01
A 204534	13	31	3	13	<3	2	5	234	1.81	3	<8	<2	2	68	<.2	<3	<3	9	1.52	.055	9	8	.20	58	.03	9	.49	.10	.29	<2	.26
A 204535	10	43	5	14	<3	3	5	220	2.41	5	<8	<2	2	71	<.2	<3	<3	10	1.49	.055	6	5	.20	73	.05	8	.49	.09	.32	<2	.29
A 204536	38	67	8	15	<3	3	5	235	2.39	4	<8	<2	2	76	<.2	<3	<3	10	1.58	.050	6	7	.22	59	.03	8	.52	.08	.34	<2	.98
A 204537	34	59	<3	13	<3	3	4	240	2.10	4	<8	<2	2	83	.2	<3	<3	8	1.74	.055	10	5	.18	54	.02	7	.46	.08	.30	<2	.21
A 204538	10	31	<3	13	<3	3	4	235	1.93	3	<8	<2	3	86	.2	<3	<3	7	1.73	.056	8	6	.17	55	.02	6	.53	.11	.35	<2	.16
A 204539	9	25	6	20	<3	3	4	222	2.20	8	<8	<2	2	76	<.2	<3	<3	8	1.56	.052	5	6	.18	60	.05	6	.49	.10	.33	3	.49
A 204540	7	30	5	13	<3	2	3	233	1.73	4	<8	<2	3	81	<.2	<3	<3	8	1.55	.055	5	7	.19	55	.05	6	.55	.13	.36	5	.97
A 204541	7	33	4	11	<3	2	3	252	1.60	4	<8	<2	2	84	<.2	<3	<3	7	1.69	.054	5	7	.16	53	.05	8	.44	.09	.32	2	.23
A 204542	7	38	3	14	<3	2	3	282	1.54	<2	<8	<2	2	100	.2	<3	<3	8	1.77	.052	6	6	.19	88	.04	7	.47	.09	.32	<2	1.32
A 204543	8	46	6	14	<3	2	4	260	2.07	6	<8	<2	2	108	.2	<3	<3	8	1.68	.054	4	6	.19	56	.04	9	.49	.08	.35	2	1.13
A 204544	12	59	3	14	<3	2	4	320	1.80	4	<8	<2	3	147	.2	<3	<3	7	2.16	.055	5	6	.17	65	.04	7	.55	.10	.38	3	1.07
RE A 204544	11	57	8	13	<3	2	4	315	1.76	4	<8	<2	2	144	.3	<3	<3	8	2.12	.054	6	8	.17	63	.04	6	.54	.09	.37	3	1.04
RRE A 204544	11	54	5	13	<3	2	4	310	1.77	5	<8	<2	2	141	.4	<3	<3	7	2.08	.053	5	8	.16	63	.04	8	.54	.09	.37	3	.97
A 204545	4	66	6	14	<3	3	4	340	1.53	5	<8	<2	2	148	.2	<3	<3	7	2.20	.054	6	6	.17	71	.04	6	.57	.09	.40	<2	.92
A 204546	5	61	6	13	<3	2	4	341	1.34	4	<8	<2	2	136	.3	<3	<3	7	2.20	.053	5	5	.16	63	.04	6	.61	.10	.41	<2	.22
A 204547	20	41	7	10	<3	3	4	308	1.33	5	<8	<2	2	127	.3	<3	<3	6	1.99	.054	5	7	.13	57	.03	6	.54	.12	.35	<2	.18
A 204548	20	49	3	10	<3	3	5	366	1.46	4	<8	<2	2	136	.2	<3	<3	5	2.30	.050	5	5	.11	54	.03	4	.49	.10	.32	<2	.34
A 204549	21	73	5	7	<3	3	5	270	2.07	7	<8	<2	2	110	.3	<3	<3	5	1.88	.051	5	7	.10	51	.01	8	.42	.09	.28	2	.16
A 204550	8	36	4	9	<3	3	4	328	1.44	6	<8	<2	2	124	.3	<3	<3	5	2.21	.055	6	5	.11	73	.02	6	.43	.08	.30	<2	.08
A 204551	5	75	<3	15	<3	3	4	394	1.38	4	<8	<2	2	128	.2	<3	<3	6	2.23	.054	5	6	.17	65	.04	8	.59	.09	.39	5	.35
A 204552	11	58	7	12	<3	4	6	304	1.72	3	<8	<2	2	117	.2	<3	<3	6	1.97	.056	6	9	.16	66	.04	7	.59	.11	.37	2	.17
A 204553	9	33	4	13	<3	3	6	269	1.88	4	<8	<2	2	102	.3	<3	<3	5	1.91	.055	9	6	.11	47	.02	7	.41	.07	.27	<2	.46
A 204554	6	35	6	18	<3	4	4	349	1.71	3	<8	<2	2	98	.2	<3	<3	9	1.62	.054	6	11	.21	63	.05	6	.51	.08	.30	<2	.48
A 204555	6	33	7	13	<3	3	4	284	1.81	5	<8	<2	2	84	.2	<3	<3	9	1.52	.052	5	8	.19	53	.05	6	.53	.11	.29	2	.22
A 204556	8	31	5	15	<3	4	4	286	2.13	4	<8	<2	2	86	.4	<3	<3	10	1.47	.054	5	9	.22	55	.06	8	.54	.12	.30	2	.23
A 204557	7	31	8	15	<3	3	5	252	2.15	6	<8	<2	2	73	.3	<3	<3	9	1.40	.052	6	8	.21	65	.05	8	.47	.09	.30	3	.28
A 204558	9	18	3	13	<3	4	8	229	2.46	4	<8	<2	2	69	.3	<3	<3	7	1.47	.053	6	9	.22	62	.03	10	.43	.07	.27	6	2.56
A 204559	8	28	7	17	<3	4	5	234	2.15	7	<8	<2	<2	76	.4	<3	<3	13	1.21	.054	5	12	.27	78	.06	7	.50	.10	.26	2	.29
A 204560	15	21	5	17	<3	4	8	264	2.06	6	<8	<2	<2	76	.5	<3	<3	12	1.41	.053	5	10	.26	40	.06	8	.52	.11	.25	3	.42
A 204561	8	16	9	14	<3	4	5	212	2.37	7	<8	<2	2	51	.3	<3	<3	10	1.19	.054	6	13	.22	50	.05	9	.50	.11	.27	7	.19
A 204562	4	21	5	14	<3	3	9	321	2.48	7	<8	<2	2	73	.5	<3	<3	8	1.82	.052	6	8	.19	45	.05	9	.48	.10	.27	<2	.34
A 204563	4	26	7	16	<3	4	5	378	1.68	3	<8	<2	<2	86	.3	<3	<3	8	1.86	.055	5	9	.17	89	.05	7	.57	.11	.37	<2	.31
A 204564	9	14	4	16	<3	3	5	311	2.02	8	<8	<2	2	73	.3	<3	<3	8	1.56	.053	5	8	.16	55	.05	8	.50	.10	.33	<2	.25
STANDARD DS3/AU-1	11	123	32	149	<3	36	12	817	3.17	32	<8	<2	4	29	5.6	6	7	76	.53	.092	17	184	.58	154	.09	4	1.72	.04	.17	5	3.34

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAR 21 2002 DATE REPORT MAILED: *March 27/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	gm/mt	
A 204565	12	9	8	13	<.3	4	5	280	1.96	13	<8	<2	<2	76	<.2	<3	<3	9	1.65	.057	6	15	.17	58	.06	3	.51	.09	.35	<2	.16
A 204566	2	24	10	71	<.3	3	6	318	1.98	6	<8	<2	2	92	4.3	<3	<3	8	1.75	.056	8	20	.13	65	.03	3	.51	.10	.33	3	.41
A 204567	<1	12	10	20	<.3	3	4	338	1.85	4	<8	<2	2	104	.4	<3	<3	8	1.92	.057	6	16	.17	63	.04	3	.60	.11	.38	3	.32
A 204568	1	16	9	17	<.3	3	5	301	2.17	5	<8	<2	<2	92	.2	<3	<3	7	1.86	.057	6	10	.15	54	.05	4	.49	.09	.31	<2	.19
A 204569	1	14	7	15	<.3	3	4	281	1.71	2	<8	<2	2	84	<.2	<3	<3	8	1.79	.056	6	15	.17	109	.05	3	.53	.10	.34	2	.18
A 204570	<1	13	10	15	<.3	3	4	287	1.78	<2	<8	<2	2	89	<.2	<3	<3	8	1.80	.056	6	11	.20	85	.05	4	.56	.11	.34	2	.28
A 204571	1	20	9	19	<.3	3	4	302	1.88	<2	<8	<2	2	98	<.2	<3	<3	11	1.86	.055	5	16	.22	53	.06	4	.54	.11	.33	5	.19
A 204572	3	19	9	19	<.3	3	5	270	2.00	<2	<8	<2	2	90	.2	<3	<3	10	1.60	.056	6	15	.20	52	.04	3	.53	.11	.32	3	.71
A 204573	67	60	3	21	<.3	4	6	238	2.50	<2	<8	<2	2	84	.2	<3	<3	9	1.53	.052	4	19	.24	39	.01	3	.46	.09	.21	2	.65
A 204574	5	59	9	14	<.3	3	4	209	2.24	2	<8	<2	<2	75	<.2	<3	<3	10	1.37	.053	4	15	.22	59	.03	4	.45	.08	.27	<2	.48
A 204575	1	43	5	13	.7	4	3	275	1.82	<2	<8	<2	2	80	<.2	<3	<3	7	1.74	.056	6	17	.19	35	.05	4	.39	.06	.26	<2	1.28
RE A 204575	2	43	7	13	.8	4	4	278	1.82	2	<8	<2	2	82	.3	<3	<3	8	1.74	.056	6	17	.19	36	.05	3	.40	.07	.27	2	1.18
RRE A 204575	1	43	5	13	.5	3	3	274	1.80	2	<8	<2	2	85	<.2	<3	<3	9	1.73	.055	6	16	.20	48	.06	3	.51	.10	.33	<2	1.21
A 204576	4	47	6	14	<.3	4	4	298	1.97	<2	<8	<2	<2	88	<.2	<3	<3	9	1.81	.054	5	22	.21	102	.06	5	.57	.11	.35	2	.38
A 204577	3	27	5	11	<.3	3	5	233	2.07	<2	<8	<2	2	74	<.2	<3	<3	9	1.49	.052	6	16	.20	50	.06	4	.51	.10	.32	2	.36
A 204578	2	35	3	12	<.3	4	4	233	1.94	<2	<8	<2	2	77	<.2	<3	<3	9	1.60	.054	7	21	.18	58	.04	<3	.48	.10	.30	3	.78
A 204579	4	30	8	11	<.3	3	7	203	2.32	<2	<8	<2	2	72	<.2	<3	<3	8	1.41	.055	7	15	.22	59	.05	<3	.60	.13	.37	<2	.27
A 204580	4	37	5	11	<.3	4	4	250	1.97	<2	<8	<2	2	74	<.2	<3	<3	9	1.57	.055	6	23	.19	96	.05	<3	.49	.10	.30	2	.55
A 204581	3	102	7	11	<.3	3	4	250	1.86	2	<8	<2	2	78	<.2	<3	4	10	1.53	.053	5	18	.21	77	.05	3	.52	.10	.27	2	1.68
A 204582	2	83	5	10	<.3	4	4	228	1.97	<2	<8	<2	<2	72	<.2	<3	<3	11	1.57	.053	6	23	.19	48	.06	3	.51	.10	.28	3	.28
A 204583	1	119	4	13	<.3	3	4	213	2.12	<2	<8	<2	<2	78	.2	<3	<3	10	1.55	.052	5	18	.20	48	.06	3	.53	.10	.32	3	.67
A 204584	4	113	9	10	<.3	4	6	176	2.30	<2	<8	2	2	71	<.2	<3	<3	10	1.44	.051	5	26	.18	43	.06	3	.47	.10	.31	4	1.72
A 204585	1	56	<3	12	<.3	3	3	199	2.15	3	<8	<2	2	80	<.2	<3	3	13	1.59	.054	6	18	.24	43	.06	<3	.52	.12	.34	3	.94
A 204586	1	67	17	57	<.3	203	35	958	5.25	4	<8	<2	4	865	<.2	<3	<3	126	3.64	.419	113	118	4.05	2894	.06	<3	2.81	.21	1.87	2	.01
A 204587	12	72	5	12	<.3	5	13	203	2.92	<2	<8	<2	2	69	<.2	<3	3	14	1.29	.052	7	16	.24	56	.05	3	.52	.11	.30	2	1.73
A 204588	2	130	<3	12	<.3	5	5	241	2.12	<2	<8	<2	2	71	<.2	<3	<3	11	1.46	.053	10	24	.22	58	.04	3	.48	.10	.27	2	.74
A 204589	2	51	6	14	<.3	4	5	230	2.15	<2	<8	<2	3	66	<.2	<3	<3	12	1.30	.056	13	19	.25	79	.01	3	.51	.12	.26	<2	.37
A 204590	5	21	<3	12	<.3	4	5	336	1.98	<2	<8	<2	3	87	<.2	<3	<3	8	1.76	.057	8	24	.19	100	.01	3	.49	.11	.29	2	.13
A 204591	3	25	3	26	<.3	3	4	551	1.58	<2	<8	<2	<2	127	<.2	<3	<3	13	2.01	.054	5	16	.27	65	.04	4	.75	.12	.34	<2	.43
A 204592	2	24	<3	21	<.3	4	5	512	1.88	<2	<8	<2	2	119	<.2	<3	<3	13	2.13	.054	8	24	.26	48	.02	3	.69	.10	.27	3	.38
A 204593	1	51	3	19	<.3	3	4	414	1.91	4	<8	<2	2	115	<.2	<3	<3	16	1.76	.055	6	19	.29	48	.04	3	.75	.13	.28	<2	.29
A 204594	5	50	5	16	<.3	5	9	318	2.26	5	<8	<2	<2	55	.2	<3	<3	23	1.34	.055	4	26	.40	37	.07	<3	.66	.09	.38	9	2.08
STANDARD DS3/AU-1	9	124	32	144	<.3	35	11	792	3.09	30	<8	<2	3	28	5.3	6	6	74	.52	.090	17	177	.57	140	.08	3	1.69	.04	.16	6	3.33

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A200786 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 submitted by: Linda Dandy



SAMPLE#

Table with columns for elements (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au**) and their concentrations in ppm or gm/mt.

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB. - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

REVISED COPY

for Ba

MAR 25 2002 DATE REPORT MAILED: March 28/02

SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

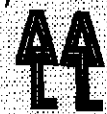


SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % % % ppm gm/mt

A 204626	9	517	<3	23	1.0	14	29	660	5.85	3	<8	<2	2	96	.5	<3	<3	148	3.63	.141	4	17	1.91	168	.21	<3	1.99	.04	2.16	8	.27
A 204627	9	759	<3	24	1.1	20	32	762	5.33	4	<8	<2	<2	111	.5	<3	<3	154	3.71	.150	4	47	2.31	196	.20	<3	2.22	.04	2.36	5	.29
A 204628	8	247	<3	29	.4	14	21	642	5.46	2	<8	<2	<2	100	.4	<3	<3	138	2.08	.158	4	18	2.51	140	.22	<3	2.44	.05	2.83	4	.23
A 204629	10	151	3	19	<.3	6	10	360	2.50	2	<8	<2	2	79	<.2	<3	<3	39	2.09	.076	6	12	.70	62	.10	<3	.94	.06	.82	3	.64
A 204630	11	135	<3	16	<.3	4	5	248	1.81	2	<8	<2	2	74	<.2	<3	<3	17	1.31	.057	6	8	.40	48	.08	<3	.70	.07	.59	2	.22
A 204631	16	186	<3	13	<.3	3	6	166	1.66	2	<8	<2	2	65	<.2	<3	<3	16	.93	.057	5	8	.35	40	.09	<3	.61	.07	.53	<2	.29
A 204632	25	166	<3	11	<.3	4	7	155	1.60	<2	<8	<2	2	55	<.2	<3	<3	14	1.00	.059	6	7	.30	39	.08	<3	.57	.07	.49	<2	.14
A 204633	49	127	<3	12	<.3	3	7	147	1.82	3	<8	<2	2	48	<.2	<3	<3	14	1.20	.062	7	7	.29	40	.06	<3	.57	.06	.43	<2	.11
A 204634	202	140	<3	8	<.3	3	5	139	1.12	<2	<8	<2	2	40	<.2	<3	<3	8	1.14	.050	8	10	.15	50	.03	<3	.46	.05	.36	2	.16
A 204635	25	232	<3	7	<.3	3	5	198	1.27	<2	<8	<2	3	63	<.2	<3	<3	6	1.76	.056	11	5	.12	156	.01	<3	.50	.06	.49	<2	.16
A 204636	47	146	<3	9	<.3	3	6	232	1.53	2	<8	<2	2	56	<.2	<3	<3	7	1.77	.056	9	6	.14	59	.01	<3	.49	.06	.42	<2	.09
A 204637	42	79	<3	12	<.3	3	5	210	1.86	2	<8	<2	2	41	<.2	<3	<3	8	1.34	.055	10	8	.18	104	.01	<3	.49	.06	.36	<2	1.25
A 204638	14	57	<3	14	<.3	3	8	239	1.98	<2	<8	<2	2	49	<.2	<3	<3	11	1.42	.054	10	8	.23	73	.04	<3	.51	.07	.31	14	.87
RE A 204638	14	56	3	13	<.3	3	8	241	2.01	3	<8	<2	2	49	<.2	<3	<3	10	1.42	.054	9	8	.23	71	.03	<3	.52	.07	.31	15	.86
RRE A 204638	14	54	3	11	<.3	2	7	236	1.92	2	<8	<2	2	48	<.2	<3	<3	9	1.40	.052	10	7	.22	66	.03	<3	.48	.07	.25	13	.57
A 204639	8	26	5	16	<.3	3	4	211	1.71	3	<8	<2	2	75	<.2	<3	3	15	1.07	.056	7	10	.30	40	.07	<3	.54	.08	.18	3	.32
A 204640	6	14	4	16	<.3	3	4	190	1.71	<2	<8	<2	2	76	<.2	<3	<3	14	.98	.054	7	9	.31	30	.07	<3	.52	.08	.16	5	.18
A 204641	10	30	4	19	<.3	3	5	213	1.66	3	<8	<2	2	98	.2	<3	<3	14	.94	.057	7	10	.36	30	.07	<3	.57	.08	.14	2	.29
A 204642	25	47	<3	16	<.3	3	5	254	1.81	2	<8	<2	2	75	<.2	<3	<3	16	1.26	.057	7	11	.32	43	.08	<3	.56	.08	.24	<2	.52
A 204643	4	44	<3	16	<.3	3	4	238	1.75	<2	<8	<2	3	76	<.2	<3	<3	15	1.28	.056	7	9	.31	32	.07	<3	.53	.08	.23	2	.41
A 204644	16	99	<3	15	<.3	3	6	244	1.67	2	<8	<2	2	54	<.2	<3	4	12	1.29	.054	6	6	.28	43	.06	<3	.53	.07	.48	5	.54
A 204645	16	61	<3	14	<.3	2	6	234	2.06	<2	<8	<2	2	64	<.2	<3	<3	12	1.38	.055	8	6	.27	42	.06	<3	.55	.07	.37	<2	.55
A 204646	10	52	3	16	<.3	3	5	222	1.74	3	<8	<2	3	96	<.2	<3	<3	14	1.15	.053	8	10	.29	34	.08	<3	.56	.08	.32	2	.32
A 204647	5	94	3	15	<.3	3	4	248	1.73	3	<8	<2	2	68	<.2	<3	<3	13	1.31	.053	6	6	.26	46	.07	<3	.53	.07	.39	2	.96
A 204648	20	157	4	13	<.3	3	5	288	3.05	5	<8	<2	2	62	<.2	<3	4	12	1.71	.050	5	6	.22	42	.06	<3	.46	.06	.32	13	.73
A 204649	10	71	<3	16	<.3	3	3	240	1.53	4	<8	<2	2	54	<.2	<3	<3	13	1.30	.053	9	6	.26	43	.06	<3	.48	.07	.37	<2	.20
A 204650	16	56	<3	12	<.3	3	4	271	1.88	3	<8	<2	2	66	<.2	<3	<3	8	1.65	.056	10	6	.19	100	.01	<3	.49	.07	.42	<2	.32
A 204651	9	62	<3	13	<.3	3	3	307	1.68	5	<8	<2	2	74	<.2	<3	<3	10	1.87	.054	6	5	.19	77	.05	<3	.49	.06	.43	<2	.21
STANDARD DS3/AU-1	11	116	33	143	<.3	35	11	795	3.05	34	<8	<2	4	28	5.3	4	4	73	.53	.089	17	181	.57	152	.09	<3	1.70	.04	.16	5	3.40

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	gm/mt
S1	<1	1	<3	1	<3	<1	<1	4	.02	<2	<8	<2	<2	3	.3	<3	<3	1	.08	<.001	<1	4	<.01	3	<.01	<3	.01	.39	<.01	<2	.01
A 204652	13	45	3	15	<3	4	3	309	1.53	2	<8	<2	2	93	<.2	<3	<3	9	1.92	.055	6	17	.18	120	.04	<3	.69	.16	.39	<2	.26
A 204653	6	35	3	11	<3	2	3	309	1.61	7	<8	<2	2	99	.2	<3	<3	6	2.13	.054	9	15	.13	76	.01	<3	.67	.14	.39	<2	.17
A 204654	6	39	7	13	<3	4	4	293	2.06	6	<8	<2	3	101	<.2	<3	<3	8	1.97	.055	7	17	.15	106	.02	<3	.65	.15	.38	2	.22
A 204655	3	37	5	13	<3	4	4	290	2.17	8	<8	<2	4	105	.4	<3	3	7	2.01	.055	8	16	.12	106	.01	<3	.62	.14	.39	<2	.15
A 204656	45	37	3	7	<3	2	3	344	1.67	4	<8	<2	<2	115	.2	<3	<3	7	2.37	.053	12	15	.10	79	.01	<3	.60	.12	.37	<2	.19
A 204657	7	31	<3	12	<3	3	3	329	1.52	6	9	<2	2	98	<.2	<3	<3	8	2.00	.054	8	18	.15	86	.04	<3	.68	.16	.38	<2	.16
A 204658	16	48	4	14	<3	4	3	280	1.71	3	<8	<2	3	86	.2	<3	<3	11	1.77	.054	7	19	.20	66	.06	<3	.75	.18	.44	2	.15
A 204659	4	47	5	12	<3	3	5	314	1.79	5	<8	<2	2	78	<.2	<3	<3	9	1.84	.054	8	19	.17	71	.04	<3	.46	.07	.30	8	.39
A 204660	4	33	<3	16	<3	3	4	373	1.58	4	<8	<2	3	95	<.2	<3	<3	11	1.85	.058	7	19	.22	76	.05	<3	.67	.14	.38	3	.21
A 204661	5	99	<3	15	.3	2	3	458	1.50	4	<8	<2	2	107	<.2	<3	<3	9	2.19	.054	7	17	.19	132	.02	<3	.70	.16	.35	3	.22
A 204662	12	44	3	21	<3	3	3	370	1.46	4	<8	<2	2	103	<.2	<3	<3	14	1.53	.055	5	22	.29	60	.07	<3	.72	.15	.29	3	.21
A 204663	17	68	6	23	<3	3	4	281	1.74	11	<8	<2	2	83	<.2	<3	<3	16	1.01	.057	8	27	.32	55	.07	<3	.67	.13	.29	3	.21
A 204664	23	52	5	23	<3	3	3	285	1.82	10	9	<2	3	78	<.2	<3	<3	16	.95	.054	6	27	.32	42	.07	<3	.61	.13	.24	3	.30
A 204665	16	205	<3	19	.8	5	15	234	4.27	6	<8	9	2	69	<.2	<3	6	14	.82	.049	6	31	.25	48	.07	<3	.59	.12	.29	45	15.03
A 204666	3	26	3	15	<3	6	4	285	1.48	5	<8	<2	3	95	<.2	<3	<3	11	1.33	.049	7	35	.22	68	.03	<3	.62	.13	.27	3	.43
A 204667	4	57	3	18	<3	4	4	318	1.65	4	<8	<2	3	97	.2	<3	<3	12	1.51	.054	7	25	.26	103	.04	<3	.70	.16	.31	3	.27
A 204668	3	45	4	20	<3	3	4	272	1.62	4	<8	<2	3	87	<.2	<3	<3	13	1.18	.055	6	22	.28	56	.06	<3	.70	.16	.29	4	.22
A 204669	5	27	4	16	<3	3	4	316	1.99	9	<8	<2	3	80	<.2	<3	<3	13	1.61	.056	8	22	.23	77	.06	<3	.59	.12	.34	5	.26
A 204670	2	58	<3	19	<3	3	4	396	1.62	2	<8	<2	2	93	<.2	<3	<3	10	1.82	.057	5	15	.27	109	.05	<3	.74	.15	.56	2	.34
RE A 204670	2	59	<3	20	<3	3	4	394	1.64	2	<8	<2	2	94	<.2	<3	<3	11	1.83	.057	6	15	.27	111	.04	<3	.76	.15	.56	2	.36
RRE A 204670	2	57	<3	19	<3	3	4	391	1.62	3	<8	<2	2	93	<.2	<3	<3	11	1.80	.056	7	13	.26	112	.05	<3	.76	.15	.62	2	.41
A 204671	4	20	4	17	.3	3	4	337	1.79	8	<8	<2	3	77	<.2	<3	5	12	1.39	.055	8	17	.26	98	.06	<3	.72	.17	.49	5	.33
A 204672	4	30	4	17	<3	4	6	392	2.03	4	<8	<2	4	87	<.2	<3	<3	11	1.73	.056	7	17	.24	113	.04	<3	.64	.17	.34	5	.39
A 204673	2	12	5	17	<3	2	7	386	2.03	16	<8	<2	3	79	.2	<3	<3	11	1.57	.052	6	11	.24	85	.02	<3	.57	.16	.27	2	.20
A 204674	2	19	3	15	<3	3	3	379	1.93	4	<8	<2	4	98	.3	<3	<3	11	1.81	.056	8	19	.19	91	.03	<3	.79	.22	.42	2	.36
A 204675	2	18	5	14	<3	2	3	374	2.10	7	<8	<2	3	107	.2	<3	<3	9	2.17	.058	6	11	.20	70	.05	<3	.72	.16	.39	2	.23
A 204676	5	15	3	17	<3	2	3	317	1.89	5	8	<2	2	85	.2	<3	<3	12	1.69	.056	6	18	.23	71	.05	<3	.57	.12	.29	2	.58
A 204677	3	11	<3	16	<3	3	3	369	1.75	8	<8	<2	3	100	<.2	<3	<3	9	2.11	.055	6	13	.20	64	.05	<3	.66	.15	.32	2	.13
A 204678	5	14	6	17	<3	3	3	331	1.67	4	<8	<2	3	95	<.2	<3	<3	12	1.88	.057	7	23	.22	66	.05	<3	.72	.17	.32	2	.15
A 204679	1	23	3	20	<3	3	4	298	1.60	6	<8	<2	2	101	.3	<3	<3	13	1.36	.053	5	19	.27	70	.06	<3	.79	.18	.32	<2	.40
A 204680	2	13	5	19	<3	4	4	255	1.74	5	<8	<2	2	84	<.2	<3	<3	13	1.18	.052	5	25	.27	60	.06	3	.68	.15	.27	2	.20
A 204681	3	12	5	22	<3	5	4	304	1.99	4	<8	<2	2	87	<.2	<3	<3	15	1.50	.058	5	29	.29	57	.07	<3	.75	.18	.30	2	.18
A 204682	2	25	4	18	<3	3	3	260	1.94	6	<8	<2	2	69	.2	<3	<3	14	1.37	.054	5	18	.26	60	.07	<3	.70	.17	.36	<2	.24
STANDARD DS3/AU-1	10	122	32	149	<3	35	11	792	3.03	34	<8	<2	5	27	5.2	5	7	71	.51	.089	16	188	.57	147	.09	<3	1.73	.05	.16	6	3.45

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAR 26 2002 DATE REPORT MAILED: April 1/02 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
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A 204683	4	81	5	20	.3	3	3	266	1.62	8	8	<2	2	67	.3	<3	<3	11	1.18	.053	5	9	.27	36	.06	<3	.51	.08	.26	3	.25
A 204684	3	38	5	39	.3	4	4	284	2.01	14	9	<2	2	65	1.2	3	<3	10	1.31	.056	5	8	.26	43	.05	<3	.53	.08	.26	2	.19
A 204685	2	95	<3	18	.5	3	3	324	1.91	7	<8	<2	3	72	.3	<3	<3	12	1.51	.054	5	7	.27	45	.04	<3	.53	.06	.32	<2	.19
A 204686	2	146	3	20	.6	3	3	313	2.10	11	8	<2	2	68	.2	<3	<3	15	1.54	.053	5	7	.27	42	.06	<3	.54	.08	.33	<2	.19
A 204687	4	75	4	15	.4	3	3	291	2.07	6	<8	<2	2	71	.2	<3	<3	12	1.52	.055	7	7	.25	41	.05	<3	.50	.07	.31	2	.22
A 204688	4	67	<3	18	.6	3	3	318	1.88	6	<8	2	2	78	.3	<3	<3	11	1.66	.053	6	6	.25	55	.05	<3	.55	.07	.34	2	1.14
A 204689	3	94	<3	21	<.3	3	3	250	2.09	5	<8	<2	2	69	.3	<3	4	11	1.51	.057	6	7	.25	78	.05	<3	.54	.07	.34	<2	.65
A 204690	3	127	<3	17	.4	4	3	242	2.30	5	<8	<2	3	66	<.2	<3	24	12	1.24	.054	5	8	.26	38	.06	<3	.52	.08	.32	2	.37
A 204691	4	146	<3	17	.4	3	4	240	2.04	8	<8	<2	2	61	<.2	<3	<3	14	1.03	.057	5	11	.32	38	.07	<3	.54	.08	.27	<2	.15
A 204692	2	29	<3	15	<.3	4	4	318	1.83	8	<8	<2	2	60	<.2	<3	<3	13	1.46	.057	5	8	.30	30	.07	<3	.55	.08	.20	<2	.41
A 204693	4	17	<3	17	.7	3	4	274	1.86	6	11	3	2	57	<.2	<3	4	14	1.27	.056	4	8	.30	33	.06	<3	.52	.07	.22	4	.81
A 204694	5	13	<3	15	<.3	3	5	242	2.00	7	<8	<2	2	62	<.2	<3	4	14	.93	.057	5	11	.34	28	.07	<3	.54	.08	.19	<2	.57
A 204695	9	28	<3	19	<.3	4	4	280	1.88	3	<8	<2	<2	73	<.2	<3	<3	13	.94	.058	4	10	.33	31	.07	<3	.58	.07	.21	2	.53
A 204696	8	46	<3	26	<.3	3	4	386	1.98	5	<8	<2	2	67	.2	<3	4	14	1.25	.056	4	10	.34	38	.07	<3	.62	.06	.27	3	1.37
A 204697	3	17	4	20	<.3	5	4	354	2.21	12	<8	<2	2	74	.3	<3	<3	18	1.29	.056	5	10	.32	35	.06	<3	.57	.07	.22	<2	.62
A 204698	4	71	10	68	<.3	186	37	857	5.35	<2	<8	<2	6	1304	.3	<3	4	141	4.60	.528	122	137	4.22	3529	.13	<3	2.99	.48	2.58	<2	.01
A 204699	3	49	3	24	<.3	5	6	400	2.06	17	8	<2	<2	62	.3	<3	3	28	1.27	.059	6	11	.42	51	.07	<3	.72	.09	.33	<2	.29
A 204700	18	308	<3	14	.8	25	26	404	4.53	71	8	<2	2	50	<.2	<3	6	63	2.13	.144	2	39	.74	27	.14	<3	.97	.05	.58	9	.68
RE A 204700	19	319	<3	14	.7	27	27	411	4.69	70	<8	<2	<2	52	<.2	3	7	66	2.20	.150	3	42	.75	30	.15	<3	1.01	.05	.78	10	.70
RRE A 204700	21	311	<3	14	.6	28	27	404	4.67	73	<8	<2	<2	54	.3	3	3	68	2.21	.149	2	44	.76	32	.15	<3	1.01	.05	.71	10	.70
A 204701	5	342	<3	12	.9	30	39	332	4.53	82	<8	2	2	55	<.2	<3	3	67	1.65	.150	3	35	.61	29	.15	<3	.92	.05	.38	5	1.20
A 204702	2	231	<3	20	.5	27	26	487	3.75	48	<8	<2	2	48	<.2	<3	<3	85	1.67	.155	2	45	1.07	53	.16	<3	1.47	.07	.96	2	.32
A 204703	3	195	<3	22	<.3	30	28	565	4.26	77	<8	<2	2	43	<.2	<3	<3	97	1.54	.154	2	54	1.25	59	.18	<3	1.70	.05	1.52	2	.13
A 204704	5	275	3	11	.5	29	42	405	4.59	88	<8	<2	<2	48	.2	<3	3	66	2.05	.160	2	36	.62	24	.15	<3	.85	.04	.25	<2	.17
A 204705	10	193	<3	6	.5	35	69	343	5.61	58	<8	<2	2	54	<.2	<3	6	62	2.53	.145	3	36	.42	30	.14	<3	.53	.04	.11	15	.52
A 204706	4	289	<3	15	.6	44	42	302	4.64	42	<8	<2	<2	61	<.2	3	<3	46	1.85	.125	3	34	.43	22	.15	<3	.65	.03	.15	4	.55
A 204707	3	202	<3	22	<.3	23	26	471	3.36	16	<8	<2	<2	73	.2	<3	<3	68	1.24	.142	2	20	1.16	78	.15	<3	1.64	.08	.88	<2	.23
A 204708	3	177	<3	28	<.3	35	31	535	3.64	17	<8	<2	<2	91	.2	<3	<3	80	1.33	.138	3	41	1.54	217	.18	<3	2.20	.12	1.80	<2	.37
A 204709	5	203	<3	26	.7	35	47	504	4.52	18	<8	<2	<2	60	.2	<3	3	84	1.68	.129	2	76	1.29	200	.17	<3	1.62	.06	1.29	3	.59
A 204710	2	125	<3	33	<.3	35	30	566	3.70	23	<8	<2	<2	63	<.2	<3	<3	91	1.55	.142	2	93	1.79	254	.17	<3	1.97	.07	1.44	2	.10
A 204711	2	28	5	28	<.3	5	5	830	1.96	4	<8	<2	3	142	.3	<3	<3	18	2.59	.091	10	5	.39	84	.05	<3	1.16	.09	.51	<2	.02
A 204712	4	36	<3	23	<.3	3	6	688	1.67	3	<8	<2	2	116	<.2	<3	<3	17	2.69	.087	6	4	.35	79	.06	<3	.96	.06	.78	<2	.04
A 204713	19	278	6	36	.7	12	26	688	5.24	5	<8	<2	<2	93	.2	<3	<3	158	2.55	.144	4	16	2.51	353	.23	<3	2.60	.10	2.82	<2	.17
A 204714	12	332	<3	32	.7	18	28	622	6.12	8	<8	<2	<2	109	.2	<3	<3	178	2.73	.151	4	27	2.74	269	.24	<3	2.77	.06	3.51	<2	.34
STANDARD DS3/AU-1	11	119	32	152	<.3	34	12	779	3.01	31	<8	<2	3	26	5.3	5	7	71	.50	.089	15	175	.56	151	.08	<3	1.77	.04	.16	5	3.52

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	gm/mt	
A 204715	6 272	<3	27	.5	14	34	578	5.73	3	<8	<2	<2	145	.4	<3	<3	158	2.48	.134	5	18	2.26	214	.20	<3	2.29	.11	2.30	<2	.25	
A 204716	1 18	3	36	<.3	12	25	539	4.21	<2	<8	<2	4	222	.4	<3	<3	65	2.90	.140	32	24	2.16	117	.14	<3	3.26	.50	.25	<2	<.01	
A 204717	4 172	<3	19	.6	16	26	414	4.99	2	<8	<2	<2	119	.2	<3	<3	180	1.38	.146	5	32	1.72	279	.18	<3	1.78	.13	1.28	<2	.17	
A 204718	6 174	<3	19	.4	15	36	403	3.53	3	<8	<2	2	116	.2	<3	<3	112	1.28	.160	5	33	1.61	286	.19	<3	1.69	.11	1.36	<2	.11	
A 204719	5 125	<3	21	.4	15	23	438	3.71	4	<8	<2	<2	101	<.2	<3	<3	120	1.23	.156	4	34	1.78	361	.18	<3	1.77	.11	1.58	<2	.14	
A 204720	6 199	<3	20	.6	15	28	453	3.81	4	<8	<2	<2	111	.2	<3	<3	124	1.50	.170	5	29	1.78	269	.19	<3	1.85	.14	1.63	2	.11	
A 204721	5 265	<3	20	.5	15	26	451	4.37	<2	10	<2	<2	95	.4	<3	<3	127	1.67	.164	4	34	1.81	161	.18	<3	1.72	.14	1.50	16	.18	
A 204722	9 366	<3	20	.6	20	23	450	4.13	2	<8	<2	<2	93	.2	<3	<3	123	1.65	.164	5	44	1.94	183	.18	<3	1.78	.15	1.71	<2	.27	
A 204723	8 283	<3	24	.5	12	20	484	4.34	<2	<8	<2	2	81	<.2	<3	<3	113	1.50	.117	5	20	1.77	191	.17	<3	1.70	.13	1.64	<2	.34	
A 204724	7 216	<3	26	.6	14	16	493	3.02	3	<8	<2	<2	107	<.2	<3	<3	82	1.58	.114	6	38	1.48	107	.15	<3	1.49	.14	1.27	4	.16	
A 204725	8 136	<3	31	.3	16	16	581	3.49	<2	<8	<2	<2	111	<.2	<3	<3	91	1.77	.123	7	46	1.94	135	.16	<3	1.76	.11	1.61	3	.11	
A 204726	7 232	<3	15	.4	7	22	261	2.96	<2	<8	<2	2	65	<.2	<3	9	41	1.22	.081	7	13	.62	44	.10	<3	.75	.11	.68	17	.18	
A 204727	5 235	<3	13	<.3	4	12	286	2.24	2	<8	<2	<2	71	<.2	<3	32	1.56	.075	8	11	.48	34	.09	<3	.67	.10	.29	9	.20		
A 204728	6 505	<3	20	1.1	15	45	585	6.31	<2	<8	<2	2	124	.6	<3	<3	132	4.39	.158	7	21	1.79	96	.17	5	1.75	.05	1.59	10	.43	
RE A 204728	6 489	<3	20	1.0	15	45	580	6.18	<2	<8	<2	3	121	.7	<3	3	129	4.29	.155	7	20	1.76	95	.16	<3	1.73	.05	1.57	10	.43	
RRE A 204728	7 511	3	21	1.2	17	47	585	6.35	4	<8	<2	2	126	.8	4	<3	132	4.41	.155	7	21	1.76	101	.17	5	1.75	.06	1.58	6	.40	
A 204729	5 560	3	22	1.0	13	45	580	4.74	4	<8	<2	<2	136	.2	<3	<3	120	2.49	.162	5	13	2.01	140	.20	<3	2.12	.09	2.00	2	.23	
A 204730	9 834	<3	19	1.4	16	48	491	5.66	<2	<8	<2	<2	97	.5	<3	<3	111	2.88	.155	5	26	1.69	86	.16	<3	1.61	.09	1.63	5	.94	
A 204731	9 416	3	47	.8	20	22	581	6.33	<2	<8	<2	<2	99	.7	<3	<3	134	3.83	.157	4	51	2.52	133	.17	<3	2.14	.10	2.81	5	.31	
A 204732	9 149	<3	15	<.3	5	11	287	2.10	<2	<8	<2	2	68	<.2	<3	<3	28	1.68	.088	7	9	.57	59	.10	<3	.76	.10	.73	4	.09	
A 204733	8 134	<3	15	<.3	5	12	244	2.28	<2	<8	<2	2	61	<.2	3	<3	28	1.43	.078	7	9	.50	36	.10	<3	.65	.09	.43	7	.16	
A 204734	7 99	<3	14	<.3	6	11	239	2.64	<2	<8	<2	2	74	<.2	<3	<3	33	1.43	.095	5	10	.71	45	.11	<3	.83	.09	.77	8	.16	
A 204735	4 56	<3	8	.3	4	8	227	2.18	<2	<8	<2	2	68	<.2	<3	<3	21	1.80	.079	11	7	.39	107	.05	<3	.55	.09	.29	2	.12	
A 204736	6 161	<3	30	.5	20	27	774	4.84	2	<8	<2	<2	122	.3	<3	<3	113	2.13	.166	6	41	2.94	176	.18	<3	2.35	.09	2.67	<2	.18	
A 204737	21 131	<3	21	.3	6	7	265	2.08	<2	<8	<2	2	90	<.2	3	3	27	1.03	.059	6	19	.66	45	.10	<3	.78	.10	.73	5	.33	
A 204738	9 60	<3	6	<.3	4	6	129	2.20	<2	<8	<2	3	52	<.2	<3	<3	10	1.61	.072	8	6	.21	42	.03	4	.52	.08	.32	<2	.12	
A 204739	9 99	<3	8	<.3	3	6	141	2.07	<2	<8	<2	<2	56	<.2	<3	<3	7	1.61	.066	9	6	.11	42	.01	<3	.48	.08	.32	<2	.28	
A 204740	14 142	<3	11	.3	3	7	172	2.09	<2	<8	<2	2	52	<.2	<3	<3	12	1.29	.061	6	6	.24	47	.05	<3	.54	.09	.42	<2	.82	
A 204741	6 30	3	11	.3	2	5	267	1.67	<2	<8	<2	2	74	.2	<3	3	10	1.59	.052	7	6	.22	51	.05	<3	.51	.11	.29	29	.57	
A 204742	8 30	4	14	<.3	2	4	273	1.79	<2	<8	<2	2	74	<.2	<3	<3	13	1.64	.049	7	7	.26	52	.04	<3	.48	.08	.23	<2	.49	
STANDARD DS3/AU-1	9 123	31	142	.4	35	12	799	3.06	31	9	<2	4	27	5.5	7	6	72	.52	.088	16	174	.57	154	.08	<3	1.67	.04	.16	5	3.35	

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A200806 Page 1

Submitted by: Linda Dandy

Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au**, and units (ppm, %, gm/mt).

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

DATE RECEIVED: MAR 28 2002 DATE REPORT MAILED: April 3/02 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	gm/mt
A 204774	15	49	<3	17	<.3	4	6	314	1.90	5	<8	<2	2	97	.3	<3	<3	11	1.55	.054	6	13	.26	83	.03	<3	.69	.18	.51	5	.24
A 204775	3	45	4	13	<.3	3	4	366	1.68	5	<8	<2	3	97	.3	<3	<3	8	1.66	.053	7	10	.19	120	.02	<3	.66	.15	.50	2	.46
A 204776	1	45	3	14	<.3	4	4	416	1.87	<2	<8	<2	<2	92	<.2	<3	<3	13	1.80	.054	6	12	.23	84	.05	<3	.69	.15	.44	3	1.05
A 204777	1	51	9	9	<.3	4	3	308	2.13	5	<8	<2	<2	81	<.2	<3	<3	10	1.68	.054	6	12	.19	68	.05	<3	.67	.16	.39	2	.60
A 204778	1	17	4	8	<.3	3	4	309	1.85	4	9	<2	2	87	<.2	<3	<3	9	1.87	.054	8	10	.17	75	.04	<3	.74	.17	.57	2	.44
A 204779	1	26	5	13	<.3	3	4	286	1.77	5	<8	<2	<2	79	.2	<3	4	12	1.58	.054	6	10	.23	72	.04	<3	.69	.15	.36	2	.46
A 204780	1	16	<3	11	<.3	3	3	370	1.55	3	<8	<2	2	104	<.2	<3	<3	12	2.02	.053	6	13	.21	82	.06	<3	.83	.22	.51	2	.23
A 204781	1	15	4	9	<.3	3	3	256	1.60	3	<8	<2	<2	74	<.2	<3	<3	11	1.54	.053	5	13	.19	71	.05	<3	.66	.16	.38	<2	.66
A 204782	1	8	4	10	<.3	2	3	227	1.85	5	<8	<2	3	65	<.2	<3	<3	14	1.34	.054	5	11	.23	58	.06	<3	.65	.17	.28	<2	.22
A 204783	3	276	4	10	<.3	4	3	280	2.01	3	<8	<2	2	81	<.2	<3	<3	12	1.65	.054	5	10	.21	72	.05	<3	.64	.15	.38	2	.89
RE A 204783	2	284	5	12	.6	2	3	282	2.04	4	<8	2	<2	81	.2	<3	<3	12	1.68	.054	5	10	.21	68	.05	<3	.61	.14	.36	2	.96
RRE A 204783	2	276	8	15	<.3	3	3	275	2.08	5	<8	<2	2	76	.2	<3	4	11	1.67	.054	5	11	.21	60	.06	<3	.52	.10	.28	2	1.50
A 204784	2	20	3	12	<.3	2	4	282	1.91	4	<8	<2	2	84	<.2	<3	3	11	1.63	.055	6	9	.21	90	.04	<3	.66	.16	.35	2	.21
A 204785	2	34	4	12	<.3	3	3	344	1.86	4	<8	<2	2	101	<.2	<3	<3	9	1.92	.057	6	10	.21	67	.03	<3	.69	.16	.37	<2	.18
A 204786	2	20	3	14	<.3	3	4	305	1.89	4	<8	<2	<2	92	.2	<3	6	9	1.75	.057	5	17	.21	62	.01	<3	.62	.14	.27	2	.25
A 204787	1	33	5	16	<.3	3	4	289	1.70	<2	11	<2	2	70	<.2	<3	5	12	1.56	.055	6	12	.24	76	.05	<3	.65	.13	.36	2	.36
A 204788	2	60	5	19	<.3	4	5	267	1.90	3	<8	<2	<2	79	<.2	<3	3	14	1.26	.056	5	17	.29	55	.06	<3	.69	.15	.29	2	.28
A 204789	8	62	5	14	<.3	3	3	199	2.00	3	<8	<2	2	69	<.2	<3	<3	13	1.17	.054	4	18	.25	61	.06	<3	.74	.20	.36	2	.31
A 204790	11	81	3	12	<.3	3	4	203	1.90	<2	<8	<2	<2	70	.2	<3	<3	10	1.31	.053	5	11	.21	81	.05	<3	.73	.17	.44	<2	.28
A 204791	2	55	<3	15	<.3	4	3	229	2.01	2	<8	3	2	76	.2	<3	<3	14	1.28	.054	5	21	.26	56	.06	<3	.69	.14	.34	2	2.70
A 204792	8	49	<3	12	<.3	3	4	171	1.88	4	<8	<2	2	64	.2	<3	3	12	1.21	.054	5	17	.23	64	.06	<3	.71	.18	.38	2	1.00
A 204793	7	70	<3	16	<.3	3	3	223	1.83	2	<8	<2	2	78	<.2	<3	<3	12	1.35	.056	5	15	.25	59	.06	3	.71	.16	.37	2	.39
A 204794	6	203	<3	13	.5	3	4	248	1.93	3	<8	<2	3	85	.2	<3	<3	10	1.53	.055	5	10	.21	98	.04	<3	.73	.17	.43	<2	1.01
A 204795	3	208	<3	11	<.3	3	5	293	2.12	2	<8	<2	3	96	.3	<3	<3	9	1.74	.057	6	12	.19	134	.02	3	.74	.18	.54	<2	1.00
A 204796	2	104	<3	12	.3	3	4	273	1.90	<2	8	<2	2	82	.2	<3	<3	10	1.64	.053	6	12	.20	92	.02	<3	.63	.15	.35	3	.81
A 204797	4	31	<3	8	<.3	6	5	162	2.07	<2	<8	<2	2	62	.2	<3	<3	11	1.33	.055	6	17	.19	108	.03	<3	.68	.17	.55	2	.42
A 204798	3	8	<3	7	<.3	2	4	142	1.84	<2	<8	<2	<2	70	.2	<3	4	10	1.38	.051	6	13	.19	106	.02	<3	.68	.17	.38	<2	.65
A 204799	2	8	3	6	<.3	2	10	227	2.21	3	<8	<2	3	110	.2	<3	<3	13	1.83	.053	6	10	.20	110	.02	<3	.58	.15	.27	2	.37
A 204800	3	64	11	54	<.3	160	33	723	4.89	<2	<8	<2	5	1297	.3	<3	<3	122	3.58	.486	109	93	3.73	3246	.14	3	2.84	.59	2.16	<2	.26
A 204801	11	19	8	11	<.3	3	4	362	1.66	<2	<8	<2	2	98	.3	<3	4	10	1.84	.054	8	10	.21	176	.01	<3	.68	.16	.37	<2	.42
A 204802	3	18	<3	14	<.3	4	4	500	1.56	2	<8	<2	3	118	.3	<3	<3	8	2.04	.055	7	10	.22	78	.01	<3	.64	.10	.30	<2	.12
A 204803	2	60	<3	14	<.3	3	4	409	1.83	4	<8	<2	2	96	.3	<3	<3	11	1.84	.053	6	12	.24	58	.01	<3	.62	.11	.27	<2	.51
A 204804	1	106	4	25	.5	7	10	577	2.97	13	<8	<2	2	131	.4	<3	3	54	2.51	.071	5	21	.76	57	.06	<3	1.14	.12	.65	2	1.66
A 204805	1	315	<3	24	.6	23	24	662	5.05	31	<8	<2	<2	78	.7	<3	3	102	2.60	.136	2	46	1.55	76	.17	<3	1.72	.06	1.26	2	1.76
STANDARD DS3/AU-1	10	123	32	144	<.3	36	11	811	3.08	31	10	<2	3	27	5.4	5	6	73	.51	.090	17	173	.57	147	.09	<3	1.76	.03	.16	6	3.42

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%	%	%	ppm	gm/mft	
A 204806	5	536	3	9	2.0	40	60	388	8.18	48	<8	2	<2	58	<.2	<3	11	52	2.47	.131	2	37	.46	46	.13	<3	.78	.07	.43	31	2.16
A 204807	1	126	<3	27	.4	24	22	682	4.05	18	<8	<2	<2	90	<.2	<3	<3	74	1.54	.156	2	27	1.79	172	.18	<3	2.28	.10	1.08	<2	.63
A 204808	3	396	<3	27	1.0	30	34	600	4.41	19	<8	<2	<2	75	.5	<3	3	83	1.88	.154	2	54	1.57	184	.15	<3	1.90	.11	.79	4	.50
A 204809	6	158	<3	31	.5	19	28	609	5.18	19	<8	<2	<2	68	<.2	<3	<3	99	1.52	.124	1	29	1.98	281	.18	<3	2.30	.11	1.14	4	.52
A 204810	3	207	<3	27	.6	36	29	694	3.85	19	<8	<2	<2	77	.4	<3	3	92	2.60	.132	2	86	1.81	202	.15	<3	1.89	.10	.75	2	.98
A 204811	5	246	<3	24	.6	25	24	681	4.22	15	<8	<2	<2	83	<.2	<3	<3	90	3.03	.128	2	65	1.72	142	.16	<3	1.84	.09	.94	4	.92
A 204812	1	360	3	30	.9	13	39	743	5.07	22	<8	<2	<2	99	<.2	<3	<3	99	2.61	.154	3	26	2.01	307	.19	<3	2.48	.11	1.38	2	.77
RE A 204812	1	358	<3	29	.8	13	39	739	5.01	25	<8	<2	2	97	.2	<3	<3	98	2.58	.153	2	23	1.99	311	.20	<3	2.46	.11	1.36	2	.86
RRE A 204812	2	342	<3	29	.7	13	39	737	5.00	20	<8	<2	2	94	.5	<3	<3	96	2.53	.154	2	22	1.99	294	.19	<3	2.44	.09	1.36	<2	.68
A 204813	20	113	<3	6	<.3	2	6	166	1.79	2	<8	<2	2	63	.2	<3	<3	6	1.67	.061	11	7	.10	82	.01	3	.52	.10	.24	6	.07
A 204814	58	115	3	7	<.3	3	7	181	1.66	4	<8	<2	3	70	.2	<3	<3	6	1.88	.055	10	7	.10	105	.01	<3	.48	.07	.25	2	.09
A 204815	29	120	3	7	<.3	2	6	137	1.56	2	<8	<2	3	60	<.2	<3	<3	5	1.45	.055	10	6	.12	85	.01	<3	.50	.09	.25	2	.21
A 204816	58	201	<3	6	.4	3	7	178	1.66	2	<8	<2	3	60	<.2	<3	<3	5	1.80	.055	12	8	.08	131	<.01	<3	.46	.07	.20	2	.42
A 204817	71	134	3	9	.3	2	5	162	1.35	<2	<8	2	2	57	<.2	<3	<3	11	1.34	.054	9	11	.19	97	.03	<3	.53	.08	.25	2	.22
A 204818	30	173	<3	9	.3	3	6	201	1.64	<2	<8	<2	3	66	<.2	<3	<3	8	1.68	.053	9	11	.16	83	.02	<3	.51	.09	.25	3	.17
A 204819	20	174	<3	12	<.3	3	5	244	1.75	<2	<8	<2	2	72	<.2	<3	<3	8	1.91	.054	12	11	.17	114	.01	<3	.60	.11	.30	2	.12
A 204820	21	87	4	13	<.3	1	4	202	1.65	4	<8	<2	3	50	<.2	<3	3	10	1.21	.054	7	11	.19	81	.03	<3	.58	.10	.20	14	.58
A 204821	11	70	5	17	<.3	4	3	203	1.79	3	<8	<2	<2	69	<.2	<3	<3	14	1.06	.057	5	17	.31	51	.07	<3	.65	.13	.19	4	.45
A 204822	6	62	3	17	<.3	3	4	244	2.06	<2	<8	<2	<2	58	<.2	<3	<3	13	1.24	.054	5	14	.30	46	.05	<3	.62	.12	.16	5	1.02
A 204823	4	23	<3	19	<.3	2	4	423	1.39	5	<8	<2	<2	115	<.2	<3	<3	8	2.99	.053	5	11	.32	45	.01	<3	.65	.11	.16	2	.37
A 204824	15	67	8	15	<.3	3	4	264	2.07	4	<8	<2	2	39	<.2	<3	<3	9	.93	.057	9	12	.21	72	.02	<3	.51	.07	.15	9	.36
A 204825	14	119	<3	13	<.3	2	4	248	2.13	5	<8	<2	2	61	<.2	<3	<3	10	1.59	.054	7	12	.22	76	.03	<3	.58	.12	.19	7	.60
A 204826	7	45	4	13	<.3	3	4	251	2.12	4	<8	<2	2	70	<.2	<3	<3	10	1.63	.054	6	13	.23	65	.04	3	.60	.11	.25	3	.48
A 204827	16	57	4	62	<.3	3	5	239	2.24	10	<8	<2	3	51	<.2	5	<3	10	1.45	.057	6	16	.23	45	.04	<3	.43	.06	.17	12	.60
A 204828	40	47	4	13	1.1	3	4	243	2.06	4	<8	5	2	55	<.2	<3	<3	8	1.56	.052	7	16	.22	47	.02	<3	.45	.07	.15	3	3.90
A 204829	7	57	6	15	.4	4	4	221	2.00	9	<8	<2	2	62	<.2	<3	<3	13	1.33	.055	6	17	.27	49	.04	<3	.57	.11	.16	2	.45
A 204830	2	57	<3	15	<.3	3	3	254	1.53	3	9	<2	2	75	<.2	<3	5	11	1.41	.054	5	16	.27	52	.05	<3	.62	.12	.18	2	1.52
STANDARD DS3/AU-1	10	120	32	149	.3	34	11	793	3.02	31	<8	<2	4	26	5.5	5	5	70	.51	.092	16	177	.57	146	.08	<3	1.71	.04	.10	6	3.40

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A200851 Page 1

1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	gm/m
S1	<1	1	<3	1	<.3	<1	<1	<2	.04	<2	<8	<2	<2	2	<.2	<3	<3	1	.08	<.001	<1	<1	<.01	<1	<.01	<.01	<.40	<.01	<2	<.01	
A 204831	8	30	8	18	<.3	2	3	290	1.90	9	<8	<2	<2	74	<.2	<3	<3	13	1.64	.053	7	8	.23	51	.06	<3	.49	.06	.28	3	.19
A 204832	8	43	5	13	.6	2	3	289	1.64	6	13	<2	2	85	.2	<3	<3	9	1.80	.054	12	6	.18	72	.02	<3	.47	.05	.30	<2	.49
A 204833	4	33	123	42	.5	2	3	333	1.70	9	<8	<2	<2	91	<.2	<3	<3	10	1.77	.054	6	6	.24	55	.06	<3	.52	.06	.37	3	.24
A 204834	8	58	4	17	.8	2	3	302	1.96	6	<8	3	2	81	.2	<3	<3	10	1.60	.053	6	8	.23	48	.07	<3	.48	.05	.36	5	2.00
A 204835	4	62	6	16	.5	2	4	330	2.01	7	17	<2	2	90	.2	<3	<3	12	1.77	.055	7	9	.23	55	.06	<3	.52	.07	.39	5	.67
A 204836	11	53	7	15	.6	3	4	295	2.79	8	<8	<2	2	83	<.2	<3	<3	11	1.70	.051	7	8	.24	51	.05	<3	.46	.06	.28	6	.37
A 204837	9	49	4	12	.6	3	3	296	1.83	6	<8	<2	2	87	<.2	<3	5	10	1.81	.056	9	8	.20	62	.05	3	.52	.06	.39	4	.63
A 204838	28	41	5	11	.3	3	5	272	1.75	9	<8	<2	2	81	<.2	<3	<3	9	1.73	.053	7	8	.17	55	.04	<3	.45	.06	.30	3	.13
A 204839	34	70	8	13	.5	4	11	318	2.64	7	8	<2	2	86	<.2	3	3	9	1.77	.052	6	7	.18	50	.05	<3	.46	.06	.30	3	.25
A 204840	5	36	6	15	<.3	4	6	316	2.08	10	<8	<2	<2	78	<.2	<3	3	9	1.71	.058	11	9	.21	60	.04	<3	.53	.07	.40	2	.41
A 204841	4	49	3	13	<.3	3	4	233	1.76	8	<8	<2	<2	57	<.2	<3	<3	11	1.25	.056	10	8	.20	62	.04	<3	.50	.07	.37	4	.24
A 204842	7	67	4	16	.4	3	5	333	2.12	2	14	<2	3	74	<.2	<3	3	14	1.82	.055	10	11	.25	63	.06	<3	.52	.06	.51	6	.64
A 204843	5	29	<3	22	<.3	3	4	310	1.96	3	14	<2	2	63	<.2	3	<3	15	1.77	.057	12	9	.29	61	.10	<3	.58	.07	.62	23	.31
A 204844	5	20	4	13	<.3	4	4	241	2.32	5	<8	<2	<2	57	<.2	<3	<3	13	1.36	.055	8	9	.22	57	.06	<3	.48	.05	.35	3	1.06
A 204845	11	40	5	16	.4	4	4	248	2.34	9	<8	3	2	57	<.2	<3	<3	13	1.29	.056	6	9	.25	59	.06	<3	.51	.06	.29	<2	2.24
A 204846	7	18	5	12	<.3	5	4	272	2.09	8	<8	<2	2	60	<.2	3	<3	12	1.61	.056	6	9	.22	48	.07	<3	.51	.08	.28	2	.16
A 204847	6	22	4	10	<.3	3	6	211	2.20	7	<8	<2	<2	51	<.2	<3	<3	12	1.47	.056	7	10	.21	62	.05	<3	.46	.06	.24	<2	.10
A 204848	5	30	6	13	<.3	3	4	213	2.17	8	9	<2	<2	62	<.2	<3	<3	16	1.14	.056	7	13	.31	40	.07	<3	.52	.07	.23	3	.67
A 204849	8	16	5	13	.5	4	5	259	2.59	10	<8	<2	<2	62	<.2	<3	3	13	1.54	.056	7	10	.26	43	.07	<3	.48	.07	.22	2	.62
A 204850	9	11	4	14	<.3	3	5	307	2.40	7	<8	<2	2	60	<.2	<3	<3	11	1.67	.056	6	9	.26	50	.05	<3	.48	.06	.22	<2	.15
RE A 204850	9	11	3	14	<.3	3	5	304	2.34	5	9	<2	2	58	<.2	3	<3	12	1.63	.056	7	9	.26	52	.05	<3	.47	.07	.22	2	.14
RRE A 204850	9	12	5	13	<.3	3	5	303	2.39	4	<8	<2	2	58	<.2	<3	<3	11	1.63	.055	8	9	.26	51	.06	<3	.47	.07	.22	2	.14
A 204851	7	15	<3	11	<.3	3	6	216	2.42	6	<8	<2	<2	51	<.2	<3	<3	12	1.34	.052	9	9	.23	75	.04	<3	.44	.06	.25	<2	1.18
A 204852	6	6	4	10	<.3	4	5	194	2.28	5	11	<2	3	49	<.2	<3	3	12	1.40	.056	10	10	.23	56	.04	<3	.48	.07	.27	<2	.47
A 204853	9	10	3	10	<.3	4	5	173	2.25	6	10	<2	2	44	<.2	<3	5	13	1.22	.056	9	10	.24	75	.06	<3	.47	.07	.28	<2	.44
A 204854	8	9	3	9	<.3	2	4	163	2.37	14	<8	<2	<2	43	<.2	<3	<3	12	1.20	.056	8	9	.23	70	.05	<3	.45	.07	.29	2	.49
A 204855	9	7	10	9	<.3	3	5	191	2.62	9	<8	<2	2	48	<.2	<3	3	12	1.33	.055	9	8	.21	57	.04	<3	.43	.06	.27	3	.34
A 204856	6	7	5	10	<.3	4	4	213	2.15	5	10	<2	<2	57	<.2	<3	<3	10	1.47	.056	8	8	.21	57	.05	<3	.45	.06	.28	<2	.23
A 204857	4	7	5	10	<.3	4	5	210	2.31	8	<8	<2	2	60	<.2	<3	<3	9	1.48	.054	8	8	.23	59	.04	<3	.44	.07	.29	<2	.40
A 204858	4	32	9	14	1.6	4	7	230	2.59	3	12	4	3	57	<.2	<3	3	11	1.46	.056	11	10	.25	67	.03	<3	.45	.07	.29	<2	2.04
A 204859	7	20	7	13	<.3	3	5	311	1.94	5	12	<2	2	71	<.2	<3	<3	11	1.72	.058	13	9	.21	73	.03	<3	.47	.07	.28	2	.14
A 204860	2	25	6	13	<.3	2	3	348	1.85	<2	<8	<2	2	93	<.2	<3	<3	9	1.98	.057	7	7	.21	62	.04	<3	.50	.06	.38	<2	.22
A 204861	2	10	3	13	<.3	4	3	352	1.91	4	<8	<2	2	91	<.2	<3	<3	8	1.86	.057	6	8	.21	59	.06	<3	.53	.06	.38	<2	.45
STANDARD DS3/AU-1	10	120	36	151	.4	35	11	822	3.17	32	<8	<2	4	29	5.4	6	5	77	.55	.092	17	188	.59	152	.09	<3	1.77	.03	.16	5	3.39

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: APR 3 2002 DATE REPORT MAILED: April 8/02 SIGNED BY: *C. Toy* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
A 204862	1	14	7	13	.5	3	3	342	1.77	<2	10	<2	2	85	<.2	<3	<3	11	1.88	.055	5	7	.19	49	.06	<3	.45	.07	.28	<2	.38
A 204863	2	43	5	13	.3	4	4	313	1.99	5	<8	<2	2	78	<.2	<3	<3	13	1.71	.056	6	8	.23	51	.07	3	.49	.07	.33	2	.93
A 204864	3	27	4	13	.3	3	3	295	1.92	3	<8	<2	2	71	<.2	<3	<3	11	1.57	.056	6	18	.22	45	.07	3	.46	.06	.26	2	.70
A 204865	4	14	7	10	.5	3	5	290	2.01	3	<8	2	2	72	<.2	<3	<3	10	1.80	.058	5	7	.18	47	.07	<3	.46	.07	.25	<2	3.21
A 204866	6	15	4	11	<.3	3	5	290	2.06	2	10	<2	2	71	.2	<3	<3	10	1.84	.060	7	7	.17	59	.07	<3	.45	.06	.33	<2	.24
A 204867	5	42	6	16	<.3	4	4	337	2.10	2	<8	<2	2	71	<.2	<3	<3	13	1.71	.059	8	9	.24	50	.06	<3	.50	.07	.25	<2	.34
A 204868	4	44	4	16	<.3	3	4	324	2.19	2	<8	<2	2	65	<.2	<3	<3	12	1.56	.056	8	8	.23	53	.05	<3	.50	.07	.23	<2	1.23
A 204869	4	43	5	14	<.3	3	4	313	2.01	3	<8	<2	2	66	<.2	<3	<3	13	1.56	.057	7	9	.24	47	.06	<3	.48	.06	.26	<2	.20
A 204870	3	62	5	11	.4	4	3	316	1.81	<2	12	<2	3	74	.3	<3	<3	11	1.84	.056	8	8	.20	51	.05	<3	.46	.07	.27	<2	.23
A 204871	4	26	4	13	<.3	5	4	291	2.29	2	<8	<2	3	76	.2	<3	<3	14	1.65	.065	10	9	.29	82	.05	<3	.47	.06	.24	<2	.47
A 204872	3	107	<3	12	.5	3	4	265	2.02	2	<8	<2	3	57	.2	<3	<3	16	1.44	.057	9	9	.24	40	.08	<3	.45	.07	.26	<2	.32
A 204873	5	60	6	11	<.3	2	3	251	1.96	<2	<8	<2	2	67	<.2	<3	3	16	1.52	.056	8	9	.25	39	.07	<3	.44	.07	.24	2	.29
A 204874	1	65	<3	66	<.3	176	34	824	5.19	<2	<8	<2	3	1091	.7	<3	<3	134	4.78	.448	112	136	4.18	2981	.08	<3	2.76	.41	1.88	<2	<.01
A 204875	6	31	5	12	.4	4	5	199	3.02	2	<8	<2	2	56	<.2	<3	<3	14	1.18	.054	9	11	.26	47	.05	3	.42	.07	.23	<2	1.08
A 204876	5	27	6	13	1.4	5	6	249	2.95	3	<8	7	3	68	.2	<3	7	12	1.58	.057	9	8	.26	56	.06	<3	.44	.07	.24	<2	5.28
A 204877	6	25	5	12	<.3	3	3	239	2.33	2	<8	3	2	62	<.2	<3	<3	13	1.55	.057	8	10	.28	68	.06	3	.48	.07	.23	3	1.58
A 204878	6	37	5	8	<.3	2	2	258	1.94	<2	<8	<2	2	69	<.2	<3	<3	9	1.76	.055	7	7	.20	82	.03	4	.41	.07	.21	<2	.25
A 204879	12	54	3	10	<.3	3	4	238	2.33	6	<8	<2	3	64	.2	<3	<3	13	1.52	.056	8	11	.24	43	.04	<3	.42	.08	.23	4	.34
A 204880	6	33	3	14	<.3	3	4	238	2.21	<2	<8	<2	3	56	<.2	<3	3	11	1.25	.054	6	9	.26	52	.06	<3	.44	.07	.25	7	.38
RE A 204880	7	35	<3	13	<.3	3	5	251	2.33	2	<8	<2	<2	59	<.2	<3	<3	12	1.32	.058	8	9	.27	58	.07	<3	.47	.08	.32	6	.26
RRE A 204880	7	33	3	14	<.3	2	4	241	2.20	2	8	<2	3	57	.2	<3	<3	13	1.27	.057	8	10	.27	57	.06	<3	.47	.07	.32	7	.35
A 204881	5	51	4	21	<.3	3	4	458	1.64	<2	<8	<2	2	83	.2	3	<3	11	1.74	.058	6	8	.24	73	.06	<3	.58	.06	.54	2	.66
A 204882	3	55	384	14	13	2.8	3	5	456	2.35	<2	<8	<2	126	42.8	<3	<3	14	1.79	.056	5	9	.30	40	.04	3	.53	.07	.25	31	2.13
A 204883	6	31	5	24	<.3	4	4	351	2.07	6	<8	<2	<2	67	.3	<3	<3	20	1.20	.058	6	12	.36	33	.09	<3	.59	.08	.32	4	.41
A 204884	5	41	8	20	.3	4	5	323	2.39	6	<8	4	2	59	.3	<3	<3	23	1.25	.059	5	14	.37	35	.08	<3	.57	.07	.49	4	3.33
A 204885	8	60	4	16	<.3	3	5	318	2.41	5	<8	<2	<2	59	<.2	<3	<3	19	1.46	.055	6	11	.35	37	.05	<3	.57	.07	.24	<2	1.23
A 204886	4	755	<3	33	1.3	25	29	559	5.67	26	<8	4	2	64	.6	<3	6	106	1.82	.145	3	56	1.70	46	.18	<3	1.53	.04	.77	8	2.56
A 204887	3	1014	<3	42	1.6	10	27	674	5.35	22	<8	6	2	113	.9	<3	4	116	1.74	.137	3	7	2.33	160	.22	<3	2.54	.06	1.62	2	7.03
A 204888	5	635	3	18	1.1	10	35	494	4.75	26	8	3	<2	88	.8	<3	5	76	3.56	.132	3	6	.83	61	.16	<3	1.11	.05	.83	3	2.95
A 204889	11	596	5	24	1.2	23	46	483	6.68	42	<8	4	<2	80	1.0	3	<3	86	3.10	.132	3	28	1.06	59	.18	<3	1.30	.05	1.00	5	2.17
A 204890	2	296	<3	29	.3	32	25	522	3.71	9	<8	<2	<2	61	.5	<3	<3	91	1.17	.150	2	79	1.80	198	.22	<3	1.89	.06	1.46	<2	.58
A 204891	3	217	<3	28	<.3	24	37	585	4.21	11	<8	<2	<2	104	.5	<3	<3	99	1.97	.154	2	57	1.53	192	.23	3	1.87	.04	1.47	2	.26
A 204892	3	176	5	26	<.3	35	35	621	3.92	11	<8	<2	<2	69	.5	<3	<3	107	2.63	.146	2	97	1.76	233	.22	<3	1.83	.04	1.33	2	.14
A 204893	3	161	4	31	<.3	40	33	786	5.45	14	<8	<2	<2	94	1.2	<3	<3	118	2.91	.142	2	66	2.22	284	.26	<3	2.60	.05	2.09	2	.14
STANDARD DS3/AU-1	9	122	32	144	<.3	35	11	787	3.04	33	8	<2	4	27	5.4	5	6	73	.52	.093	16	177	.58	145	.09	<3	1.69	.04	.15	5	3.33

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
A 204894	2	125	<3	26	<3	42	30	776	4.29	10	<8	<2	2	81	.7	<3	<3	119	3.05	.123	<1	95	1.85	426	.21	<3	2.13	.04	1.65	2	.21
A 204895	3	166	<3	26	.5	40	33	769	3.98	10	<8	<2	2	86	.7	<3	<3	117	2.88	.130	<1	110	2.03	490	.22	<3	2.26	.03	1.89	<2	.16
A 204896	2	152	<3	26	.4	40	36	882	5.47	23	<8	<2	<2	93	.9	<3	<3	137	4.50	.129	<1	125	2.39	408	.23	<3	2.78	.04	2.19	<2	.26
A 204897	3	124	<3	20	.4	38	41	804	4.57	17	<8	<2	<2	105	.5	<3	<3	107	3.26	.127	<1	113	1.69	223	.20	<3	1.75	.04	1.40	<2	.24
A 204898	2	116	<3	30	.6	16	17	758	3.47	10	<8	<2	2	99	.6	<3	<3	72	3.19	.094	1	40	1.02	188	.15	<3	1.39	.06	1.04	<2	.27
A 204899	3	40	<3	24	<3	4	9	583	2.30	8	<8	<2	3	88	.2	<3	<3	27	2.13	.077	4	11	.50	95	.08	<3	.84	.05	.52	<2	.15
A 204900	2	39	3	19	<3	5	6	533	2.12	6	<8	<2	<2	62	.2	<3	6	24	2.11	.076	4	10	.50	140	.11	<3	.89	.07	.65	<2	.20
A 204901	2	241	98	348	1.0	31	32	1951	6.18	18	<8	<2	2	132	2.3	4	<3	179	5.19	.131	2	100	2.82	266	.21	<3	3.14	.01	1.76	8	.16
A 204902	2	201	70	745	1.4	17	25	2738	4.99	47	8	<2	4	120	6.6	3	<3	110	5.58	.144	3	24	1.57	219	.18	<3	2.10	.02	1.45	16	.22
A 204903	16	42	6	16	<3	3	6	285	1.95	2	<8	<2	3	55	.3	<3	<3	16	1.38	.058	8	11	.27	49	.05	<3	.49	.06	.32	23	.69
A 204904	12	69	4	14	<3	4	7	290	2.03	4	<8	<2	3	57	.3	<3	<3	11	1.46	.054	9	8	.24	70	.02	<3	.44	.06	.27	37	.85
A 204905	4	65	4	17	<3	3	6	296	1.86	5	<8	2	3	60	.2	<3	<3	11	1.55	.055	6	8	.26	50	.04	<3	.48	.06	.32	2	1.86
A 204906	8	36	<3	13	<3	4	5	286	2.10	3	<8	<2	2	55	.3	<3	<3	11	1.38	.060	8	9	.25	64	.03	<3	.48	.07	.29	2	.38
A 204907	7	50	4	13	<3	5	4	326	1.87	5	<8	<2	2	67	.2	<3	<3	9	1.72	.056	8	10	.25	74	.02	<3	.48	.07	.30	2	.56
A 204908	6	32	<3	22	<3	7	6	357	2.02	5	9	<2	2	64	.3	<3	<3	17	1.75	.055	6	19	.41	69	.04	<3	.60	.06	.43	2	.06
A 204909	7	34	4	10	<3	4	5	286	2.32	10	<8	<2	<2	57	.2	<3	<3	7	1.67	.054	9	8	.21	74	.01	<3	.43	.06	.27	5	.35
A 204910	4	49	<3	6	.5	4	5	317	1.87	6	10	<2	4	66	<2	3	6	5	1.96	.052	9	6	.15	77	.01	<3	.36	.05	.25	2	.35
RE A 204910	4	50	5	5	<3	5	5	315	1.91	6	10	<2	3	67	<2	<3	<3	5	1.98	.052	10	6	.15	77	<.01	<3	.37	.06	.24	<2	.28
RRE A 204910	4	54	3	8	<3	4	5	356	2.01	7	10	<2	4	74	.3	<3	3	6	2.22	.059	12	8	.16	88	.01	<3	.42	.06	.26	<2	.30
A 204911	13	45	<3	9	<3	4	5	305	1.91	7	<8	<2	2	61	<2	<3	3	6	1.82	.056	8	7	.18	85	.02	<3	.43	.06	.27	2	.20
A 204912	5	59	8	26	<3	4	4	318	2.19	8	<8	<2	2	65	.3	<3	<3	12	1.55	.058	9	11	.30	95	.04	<3	.50	.07	.26	4	.25
A 204913	5	17	3	15	<3	4	4	342	2.01	7	<8	<2	3	61	.3	<3	<3	12	1.50	.057	8	8	.27	80	.03	<3	.52	.08	.26	2	.13
A 204914	3	12	4	17	<3	3	4	383	1.85	7	<8	<2	3	69	<2	<3	<3	12	1.68	.056	11	10	.27	119	.03	3	.53	.07	.24	2	.20
A 204915	3	17	<3	12	<3	4	3	398	1.94	8	<8	<2	3	60	<2	<3	<3	7	1.84	.055	11	7	.22	100	<.01	<3	.49	.07	.25	<2	.31
A 204916	2	14	6	19	<3	3	3	401	1.78	7	<8	<2	3	66	<2	3	6	11	1.63	.056	9	10	.28	123	.02	<3	.57	.06	.26	2	.20
A 204917	3	13	5	19	<3	4	4	362	1.69	4	<8	<2	<2	66	<2	3	<3	11	1.46	.056	6	8	.29	62	.03	<3	.54	.06	.24	<2	.16
A 204918	3	9	4	15	<3	3	4	227	2.09	5	<8	<2	3	56	<2	<3	<3	13	1.11	.056	6	10	.30	69	.05	<3	.53	.07	.26	2	.22
A 204919	7	20	4	21	<3	3	4	262	1.77	3	<8	<2	<2	82	<2	<3	<3	13	1.04	.055	4	9	.34	45	.06	<3	.58	.08	.21	<2	.25
A 204920	13	36	4	22	<3	3	4	318	1.59	6	<8	<2	<2	80	.2	<3	<3	13	1.21	.056	4	10	.31	59	.07	<3	.57	.07	.27	2	.46
A 204921	13	21	4	26	<3	4	4	374	1.70	<2	<8	<2	2	85	.2	<3	<3	14	1.21	.059	4	8	.33	43	.08	<3	.63	.07	.33	<2	.26
STANDARD DS3/AU-1	10	122	33	150	.3	37	11	825	3.18	33	8	<2	5	28	5.8	7	5	77	.54	.093	18	185	.59	147	.08	<3	1.73	.03	.17	6	3.35

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Sultan Minerals PROJECT KENA File # A200892 Page 1

Submitted by: Linda Dandy

SAMPLE#

Mo Cu Pb Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Au**
ppm ppm ppm ppm ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % % % ppm gm/mt

Table with columns for sample ID and various chemical elements (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au**) and their concentrations in ppm or gm/mt.

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: APR 8 2002 DATE REPORT MAILED: April 10/02 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



SAMPLE#

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	gm/mt
A 204953	1	20	<3	20	<.3	3	4	347	2.10	8	<8	<2	2	49	<.2	<3	<3	17	1.17	.058	3	12	.32	36	.07	5	.54	.07	.31	2	1.77
A 204954	1	193	<3	23	<.3	26	31	656	4.57	24	<8	<2	<2	79	<.2	<3	<3	83	1.93	.154	1	49	1.59	154	.17	<3	1.72	.09	.82	2	.77
A 204955	1	422	<3	24	.8	28	37	523	5.16	31	<8	<2	<2	53	<.2	<3	6	81	1.98	.137	1	58	1.24	111	.15	3	1.33	.05	.84	3	1.13
A 204956	<1	397	5	20	.7	35	24	534	3.57	19	<8	<2	<2	66	.2	<3	4	84	1.87	.150	2	80	1.31	133	.17	5	1.50	.09	.89	10	.17
A 204957	2	171	<3	22	.3	38	19	604	3.43	15	<8	<2	<2	63	<.2	<3	4	90	2.19	.150	1	100	1.42	102	.16	6	1.59	.08	.96	2	.15
A 204958	2	410	<3	14	.6	39	54	413	5.74	29	<8	<2	<2	59	.2	<3	<3	69	1.95	.149	1	79	.82	36	.16	3	.95	.05	.48	3	.84
A 204959	1	684	<3	24	1.1	35	37	551	5.88	40	<8	<2	<2	50	<.2	<3	<3	104	1.68	.135	1	61	1.44	83	.18	<3	1.56	.10	1.17	4	2.05
A 204960	<1	252	<3	21	.3	22	35	579	4.77	16	<8	<2	<2	73	<.2	<3	<3	91	1.75	.134	1	35	1.40	87	.19	3	1.59	.06	.95	2	.62
A 204961	1	239	<3	28	<.3	25	28	758	4.89	16	<8	<2	<2	98	<.2	<3	<3	109	2.26	.132	1	40	1.82	157	.22	<3	2.17	.06	1.67	2	.47
A 204962	<1	206	<3	14	<.3	25	32	493	3.82	20	<8	<2	<2	97	<.2	3	<3	71	2.46	.123	1	40	.82	30	.16	3	.95	.04	.41	2	.67
A 204963	2	160	<3	7	<.3	19	38	405	3.94	20	<8	<2	<2	78	<.2	<3	3	69	1.76	.119	1	24	.74	54	.17	3	.92	.05	.51	<2	.58
A 204964	<1	132	<3	2	<.3	19	31	343	3.11	20	<8	<2	<2	87	<.2	<3	7	49	2.28	.119	1	21	.31	35	.15	4	.51	.03	.25	3	.19
A 204965	1	117	<3	9	<.3	24	35	614	4.73	22	<8	<2	<2	78	.2	<3	7	77	2.53	.115	1	38	1.08	107	.17	<3	1.28	.06	.97	2	.28
A 204966	<1	310	<3	19	.7	30	25	1006	5.38	23	<8	<2	<2	91	.2	<3	<3	113	5.73	.108	1	66	1.91	266	.18	<3	2.22	.03	2.00	<2	.45
A 204967	1	121	<3	18	<.3	19	26	628	3.28	15	<8	<2	<2	78	.2	<3	3	64	2.80	.113	2	70	1.16	249	.17	4	1.48	.15	.92	3	.23
A 204968	7	41	<3	11	<.3	3	7	279	2.06	9	<8	<2	<2	60	<.2	<3	<3	7	1.52	.058	7	6	.19	81	.03	3	.45	.09	.29	2	.48
A 204969	5	53	<3	14	<.3	3	5	303	1.74	8	<8	<2	2	76	<.2	<3	<3	6	1.77	.057	6	11	.21	92	.02	4	.45	.08	.28	4	.32
A 204970	10	55	<3	13	<.3	3	5	278	2.05	11	<8	2	2	71	.2	<3	5	11	1.55	.058	6	11	.25	53	.05	5	.48	.09	.31	3	2.58
RE A 204970	9	55	5	14	<.3	3	5	276	2.04	11	<8	3	2	70	<.2	<3	<3	11	1.54	.058	6	12	.25	51	.06	5	.48	.09	.31	3	2.58
RRE A 204970	9	57	<3	13	<.3	3	5	277	1.98	9	<8	3	2	73	<.2	<3	<3	12	1.55	.058	5	13	.25	57	.06	3	.52	.11	.33	4	2.52
A 204971	4	78	<3	10	<.3	3	4	291	1.57	5	<8	<2	<2	75	<.2	<3	<3	6	1.67	.050	6	5	.17	59	.03	5	.45	.09	.28	<2	.74
A 204972	5	43	<3	9	<.3	2	5	312	1.65	5	<8	<2	2	80	<.2	<3	<3	5	1.98	.054	8	7	.13	68	.01	6	.38	.09	.26	3	.38
A 204973	6	66	3	12	<.3	5	7	357	1.99	7	<8	<2	2	94	<.2	<3	3	9	2.24	.059	9	8	.21	95	.02	7	.50	.08	.32	3	.58
A 204974	6	34	<3	9	<.3	2	5	262	1.73	11	<8	<2	2	67	.3	<3	<3	6	1.70	.053	8	12	.17	103	.02	6	.45	.09	.27	3	.12
A 204975	5	32	6	15	<.3	4	5	230	1.83	13	<8	<2	<2	79	<.2	<3	<3	10	1.08	.058	5	12	.29	61	.07	6	.57	.11	.26	6	.61
A 204976	2	31	4	10	<.3	3	6	273	2.11	16	<8	<2	<2	67	.3	<3	3	7	1.79	.057	7	13	.18	88	.02	5	.46	.10	.24	<2	.57
A 204977	2	12	<3	2	<.3	<1	2	74	.90	3	<8	<2	<2	14	<.2	<3	<3	2	.46	.014	2	4	.05	17	<.01	4	.09	.02	.06	<2	1.13
A 204978	3	16	3	10	<.3	3	5	229	2.23	23	<8	<2	<2	43	<.2	<3	<3	11	1.15	.050	5	12	.23	44	.05	9	.37	.07	.21	10	1.03
A 204979	<1	43	3	10	<.3	3	4	228	1.56	10	<8	<2	<2	41	.2	<3	3	7	1.22	.044	6	6	.16	41	.02	6	.29	.05	.17	4	.99
A 204980	4	35	11	5	1.0	3	6	188	5.80	14	10	10	<2	31	<.2	<3	11	6	.84	.041	6	9	.18	30	.01	5	.36	.05	.19	5	16.69
A 204981	2	9	<3	11	<.3	2	3	229	1.25	6	<8	<2	<2	39	.2	<3	<3	6	.98	.039	3	4	.18	29	.04	6	.30	.04	.20	2	.35
A 204982	3	13	<3	14	<.3	3	3	263	1.48	4	8	<2	<2	48	<.2	<3	5	8	1.06	.044	4	11	.22	36	.04	5	.38	.06	.23	3	.37
A 204983	1	20	<3	20	<.3	3	3	270	1.48	8	<8	<2	<2	57	<.2	<3	3	10	.85	.049	4	12	.27	34	.06	6	.42	.06	.22	2	.34
A 204984	1	24	<3	17	<.3	3	4	327	1.94	6	<8	<2	<2	62	<.2	<3	<3	11	1.36	.055	5	12	.26	44	.05	6	.47	.07	.26	2	1.10
STANDARD DS3/AU-1	8	124	32	153	<.3	36	11	805	3.10	29	<8	<2	4	26	5.2	3	11	70	.51	.093	16	175	.57	147	.08	8	1.62	.03	.15	5	3.37

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	gm/mt	
A 204985	1	28	7	15	<.3	3	4	386	2.10	7	<8	<2	2	74	<.2	<3	<3	7	1.73	.053	5	9	.20	51	.04	<3	.49	.09	.30	8	.44
A 204986	5	14	3	12	<.3	3	8	223	3.66	8	<8	<2	2	46	.2	<3	<3	9	1.05	.050	5	8	.18	46	.04	<3	.46	.08	.26	4	.90
A 204987	3	5	<3	10	<.3	4	4	163	2.39	6	<8	<2	2	45	.2	<3	<3	9	1.18	.054	7	11	.19	43	.03	<3	.42	.09	.28	2	.89
A 204988	2	15	<3	10	<.3	3	4	184	2.17	7	<8	<2	2	45	.3	<3	<3	9	1.24	.052	8	14	.19	66	.02	<3	.44	.10	.28	3	.82
A 204989	3	37	<3	17	<.3	4	5	229	2.27	9	<8	<2	2	61	.3	<3	<3	13	1.04	.054	6	11	.28	49	.06	<3	.50	.10	.28	4	.61
A 204990	3	15	<3	14	<.3	9	6	274	2.42	7	<8	<2	3	87	<.2	<3	<3	13	1.71	.085	13	13	.34	113	.03	3	.61	.13	.31	3	.41
A 204991	5	9	11	9	.5	3	5	191	2.84	6	<8	4	2	47	.5	<3	<3	4	1.35	.048	9	7	.11	66	<.01	<3	.32	.08	.22	4	3.21
A 204992	2	3	<3	11	<.3	3	5	218	2.13	3	<8	<2	2	51	<.2	<3	<3	5	1.42	.053	9	7	.16	71	.01	<3	.37	.08	.26	2	1.02
A 204993	2	4	3	10	<.3	4	4	247	1.90	5	<8	<2	3	53	.3	<3	<3	5	1.59	.056	12	6	.19	103	<.01	<3	.37	.08	.26	2	.76
A 204994	2	13	<3	12	<.3	3	4	308	1.87	4	<8	<2	2	67	.2	<3	<3	8	1.83	.057	9	7	.20	86	.02	<3	.46	.08	.27	4	.96
A 204995	1	20	<3	15	<.3	4	4	265	1.74	4	<8	<2	<2	73	.3	<3	<3	12	1.43	.055	6	9	.28	49	.05	<3	.51	.09	.23	3	.47
RE A 204995	2	20	<3	15	<.3	4	4	265	1.76	6	9	<2	<2	73	.3	<3	3	12	1.42	.054	6	9	.28	49	.05	<3	.49	.09	.23	4	.48
RRE A 204995	3	20	<3	15	<.3	3	4	265	1.73	6	<8	<2	<2	73	.2	<3	<3	12	1.43	.054	6	11	.28	47	.05	<3	.50	.09	.22	4	.47
A 204996	1	14	<3	14	<.3	4	4	282	1.88	2	<8	<2	2	72	.2	<3	<3	8	1.63	.052	8	7	.19	62	.02	<3	.42	.08	.26	2	.44
A 204997	1	11	8	14	<.3	3	6	308	2.18	3	<8	<2	2	80	.4	<3	<3	6	1.75	.054	11	9	.22	88	.01	<3	.38	.08	.23	3	.37
A 204998	3	15	5	13	<.3	4	4	275	2.18	3	<8	<2	2	69	.3	<3	<3	6	1.42	.053	10	7	.20	77	<.01	<3	.35	.08	.21	<2	.63
A 204999	2	13	4	13	<.3	3	4	282	1.95	3	<8	<2	3	80	<.2	<3	<3	5	1.67	.055	10	9	.11	59	.01	3	.40	.09	.26	3	.65
A 205000	1	12	4	11	<.3	4	4	271	2.06	<2	<8	<2	2	84	.4	<3	<3	7	1.68	.055	10	9	.18	76	.01	<3	.40	.07	.25	<2	.78
E 180001	2	5	<3	11	<.3	3	4	258	2.00	<2	<8	<2	2	86	.2	<3	<3	5	1.81	.053	9	11	.17	69	.01	<3	.39	.09	.22	3	.49
E 180002	3	3	3	11	<.3	3	7	220	2.09	2	<8	<2	2	66	.4	<3	<3	5	1.58	.056	8	6	.19	75	.01	5	.39	.09	.26	<2	.32
E 180003	17	15	.5	10	<.3	3	5	205	2.20	<2	<8	<2	2	66	.3	<3	<3	6	1.56	.052	9	5	.16	77	.01	<3	.41	.08	.27	2	.42
E 180004	8	56	<3	11	<.3	4	4	206	2.28	<2	<8	<2	2	73	<.2	<3	<3	11	1.45	.053	8	10	.21	65	.03	3	.44	.09	.27	<2	.42
E 180005	2	58	5	57	<.3	186	34	1031	5.32	6	<8	<2	.5	1024	.6	<3	<3	125	4.34	.555	103	142	4.21	2542	.14	<3	2.62	.29	1.71	<2	.04
E 180006	16	27	<3	10	<.3	4	4	239	2.06	<2	8	<2	3	78	.3	<3	<3	6	1.75	.055	12	7	.16	100	.01	<3	.39	.09	.25	<2	.18
E 180007	16	43	3	11	<.3	4	6	286	2.00	<2	8	<2	2	82	.3	<3	<3	6	1.98	.055	14	8	.16	103	.01	3	.42	.08	.26	2	.25
E 180008	6	78	<3	12	<.3	3	4	297	1.99	<2	<8	<2	<2	68	.5	<3	<3	7	1.59	.051	8	8	.18	59	.02	<3	.47	.09	.27	<2	.19
E 180009	8	54	5	14	<.3	3	4	297	1.89	<2	<8	<2	<2	74	.3	<3	<3	10	1.61	.051	6	9	.23	52	.04	<3	.48	.09	.24	3	.35
E 180010	10	49	<3	37	<.3	4	4	270	1.95	<2	<8	<2	<2	65	.4	<3	<3	13	1.31	.054	5	8	.28	43	.06	<3	.49	.09	.27	3	.19
E 180011	10	57	3	13	<.3	3	4	255	1.88	<2	<8	<2	2	68	.2	<3	<3	11	1.41	.053	6	9	.23	59	.04	3	.49	.09	.29	3	.79
STANDARD DS3/AU-1	10	117	31	149	<.3	36	12	808	3.12	33	10	<2	4	27	5.5	6	6	71	.52	.092	17	179	.57	143	.08	3	1.64	.03	.16	5	3.53

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

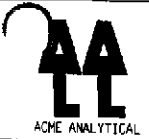


Sultan Minerals PROJECT KENA File # A200912 Page 1
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: Linda Dandy

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
SI	<1	2	<3	<1	.4	1	<1	<2	.02	<2	8	<2	<2	2	<2	<3	3	1	.10	<.001	<1	4	<.01	1	<.01	<3	.01	.40	<.01	<2	<.01
E 180012	3	57	<3	13	<.3	4	3	241	1.91	2	<8	<2	<2	98	.2	<3	<3	17	1.29	.048	7	24	.27	100	.05	3	1.00	.31	.43	2	.47
E 180013	4	83	3	16	.6	5	4	245	2.12	3	<8	<2	3	93	<.2	3	4	18	1.06	.050	7	28	.30	88	.07	4	.98	.29	.40	<2	.62
E 180014	4	42	<3	17	.6	4	6	351	1.87	<2	<8	<2	3	99	<.2	<3	<3	14	1.60	.049	6	25	.24	115	.04	3	1.08	.33	.47	6	.82
E 180015	3	27	4	19	<.3	4	4	316	1.88	3	<8	<2	2	111	<.2	<3	3	16	1.37	.050	6	24	.29	119	.06	4	1.13	.36	.45	2	1.40
E 180016	3	58	<3	18	.4	4	4	303	1.91	<2	<8	<2	3	92	<.2	<3	<3	17	1.32	.052	7	31	.31	94	.06	4	1.00	.29	.38	2	2.77
E 180017	17	87	3	17	.4	4	5	297	1.70	<2	<8	<2	3	99	<.2	<3	<3	19	1.30	.051	5	25	.30	112	.07	4	1.14	.38	.48	2	.74
E 180018	96	87	<3	21	<.3	4	9	391	1.90	<2	<8	<2	4	78	<.2	<3	3	16	1.61	.053	5	27	.27	60	.06	<3	.74	.15	.31	3	1.17
E 180019	18	36	3	22	<.3	4	4	381	1.50	3	<8	<2	3	141	<.2	3	<3	22	1.30	.050	5	26	.31	99	.09	4	1.27	.43	.44	4	.60
E 180020	3	25	7	22	.3	5	5	373	2.03	5	<8	<2	4	82	.2	4	<3	30	1.58	.054	6	30	.43	123	.09	3	1.22	.37	.48	3	.30
E 180021	2	555	<3	33	1.1	16	38	561	6.28	20	<8	3	3	92	<.2	<3	<3	116	2.04	.128	5	40	1.82	118	.18	4	1.97	.18	.91	18	4.56
E 180022	1	621	<3	28	2.5	12	31	543	5.96	28	<8	13	3	136	<.2	<3	3	120	2.01	.126	4	25	1.73	119	.20	5	2.17	.22	.95	<2	7.91
E 180023	1	398	<3	14	.5	11	26	390	4.98	32	<8	<2	3	114	<.2	<3	<3	85	2.17	.132	4	15	.98	127	.19	3	1.54	.18	.74	4	1.11
E 180024	2	312	4	20	.8	11	37	453	5.09	35	<8	2	2	127	<.2	3	<3	99	2.05	.131	5	18	1.41	151	.21	3	1.97	.25	.94	2	1.24
E 180025	2	544	<3	17	.8	12	32	401	4.78	19	<8	<2	2	97	<.2	<3	<3	97	2.15	.127	4	19	.86	122	.20	<3	1.43	.15	.80	<2	2.52
E 180026	10	738	<3	32	2.6	19	34	466	5.81	24	<8	5	4	96	.4	<3	6	120	2.73	.127	5	47	1.23	128	.19	<3	1.59	.13	1.00	3	5.93
E 180027	16	514	<3	18	1.7	30	44	580	6.08	16	<8	<2	3	95	.2	<3	<3	122	4.34	.112	4	92	1.06	80	.18	<3	1.17	.16	.88	13	1.55
E 180028	3	196	<3	23	<.3	44	31	765	4.83	4	<8	<2	<2	112	<.2	<3	<3	110	3.13	.126	3	75	2.05	259	.21	<3	2.43	.17	2.08	4	.40
E 180029	4	156	3	29	<.3	42	26	815	4.31	<2	<8	<2	<2	114	<.2	<3	<3	129	3.28	.123	3	108	2.20	349	.22	<3	2.48	.18	2.08	25	.17
E 180030	5	138	4	30	<.3	43	24	874	4.26	<2	<8	<2	4	102	.3	<3	<3	132	4.03	.121	3	128	2.38	437	.23	<3	2.55	.18	2.25	11	.07
RE E 180030	5	133	<3	27	<.3	41	23	862	4.11	<2	<8	<2	<2	99	<.2	<3	<3	128	3.89	.118	2	122	2.24	424	.23	<3	2.46	.16	2.17	11	.14
RRE E 180030	5	130	<3	29	.4	41	23	864	4.14	8	<8	<2	2	100	.3	<3	<3	129	3.96	.121	4	126	2.31	420	.23	<3	2.50	.16	2.19	12	.07
E 180031	4	325	<3	21	1.1	30	41	772	4.94	10	<8	<2	2	89	<.2	<3	<3	102	4.49	.111	2	122	1.60	320	.20	<3	1.81	.15	1.44	<2	.38
E 180032	6	220	<3	19	.5	34	47	709	4.12	11	<8	<2	<2	106	<.2	<3	<3	101	3.51	.121	3	126	1.53	286	.21	<3	1.70	.16	1.17	<2	1.07
E 180033	3	282	<3	17	.4	35	36	590	3.82	16	14	<2	<2	100	<.2	<3	<3	87	3.04	.123	3	114	1.06	167	.20	<3	1.22	.11	.81	<2	.26
E 180034	1	94	<3	29	<.3	35	30	695	2.96	11	<8	<2	<2	103	<.2	<3	<3	89	2.67	.110	3	167	1.92	227	.20	<3	1.90	.18	.90	<2	.07
E 180035	1	64	<3	19	<.3	4	3	331	1.74	<2	<8	<2	<2	47	<.2	<3	<3	15	.34	.055	6	29	.25	123	.05	<3	.99	.29	.46	3	.59
E 180036	2	18	3	14	.6	6	4	287	2.07	9	<8	<2	5	52	<.2	<3	4	12	.57	.056	8	30	.19	103	.03	<3	.87	.28	.41	<2	.94
E 180037	3	43	3	16	.9	11	5	412	1.94	10	15	<2	4	127	<.2	<3	<3	18	1.94	.077	12	45	.38	154	.04	<3	1.04	.29	.47	3	.98
E 180038	6	64	5	15	1.0	4	4	414	1.76	4	<8	<2	4	118	<.2	<3	4	11	1.91	.053	8	31	.24	158	.02	<3	.82	.23	.38	<2	1.34
E 180039	2	55	4	14	.8	5	4	459	1.81	4	<8	<2	4	116	<.2	<3	<3	10	2.04	.053	8	33	.24	132	.02	<3	.81	.23	.36	<2	1.06
E 180040	2	231	5	14	1.3	5	5	382	2.03	6	<8	<2	4	105	<.2	<3	<3	11	1.82	.051	9	33	.23	134	.01	<3	.74	.20	.33	<2	1.10
E 180041	2	93	5	14	1.1	5	3	420	1.80	2	<8	<2	5	113	<.2	<3	<3	11	2.02	.056	11	37	.20	171	.01	<3	.86	.26	.42	2	1.53
E 180042	2	81	<3	13	.4	4	3	371	1.71	2	<8	<2	3	102	<.2	<3	<3	11	1.77	.052	8	34	.21	146	.02	<3	.78	.21	.36	3	2.22
STANDARD DS3/AU-1	9	119	30	149	.4	34	11	806	2.98	33	<8	<2	4	28	5.2	6	5	71	.52	.087	17	180	.57	151	.08	<3	1.69	.05	.15	2	3.36

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: APR 9 2002 DATE REPORT MAILED: April 11/02 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	gm/mt
E 180043	2	32	3	14	<.3	5	3	316	1.69	<2	<8	<2	<2	83	.2	<3	<3	9	1.54	.047	10	27	.23	83	.01	<3	.62	.15	.32	<2	.98
E 180044	2	36	4	14	.4	4	3	378	1.79	2	<8	<2	2	101	<.2	<3	<3	10	1.88	.049	9	30	.24	110	.01	<3	.66	.16	.32	2	.76
E 180045	1	15	6	18	1.8	3	4	289	1.85	6	17	11	2	82	.4	<3	<3	9	1.50	.047	8	21	.23	103	.01	<3	.61	.17	.30	<2	8.92
E 180046	2	16	<3	14	.9	4	3	301	1.87	3	<8	<2	4	78	.3	<3	<3	8	1.41	.045	8	35	.22	101	.01	<3	.56	.14	.28	<2	2.85
E 180047	2	15	5	13	.8	4	3	275	1.87	9	<8	<2	3	78	<.2	3	<3	9	1.28	.048	8	22	.22	91	.01	<3	.60	.18	.32	3	1.18
E 180048	2	12	6	14	.6	4	4	322	2.17	5	<8	<2	2	84	.2	<3	<3	9	1.42	.046	7	29	.23	77	<.01	<3	.54	.14	.27	2	1.41
E 180049	1	17	3	19	.5	4	4	372	1.91	2	<8	<2	3	90	<.2	<3	<3	14	1.36	.049	8	26	.31	90	.02	3	.86	.21	.38	<2	.92
E 180050	2	46	4	13	.3	4	6	243	2.43	3	<8	<2	4	52	<.2	<3	<3	12	1.19	.045	8	33	.22	66	.01	<3	.47	.11	.22	<2	.68
E 180051	2	10	3	14	<.3	4	3	287	2.51	4	<8	<2	3	63	<.2	<3	<3	14	1.39	.051	8	25	.27	88	.03	<3	.69	.18	.34	<2	.69
E 180052	2	11	6	15	.4	5	6	282	3.30	8	<8	3	4	61	<.2	5	5	15	1.41	.052	10	38	.26	85	.03	<3	.70	.19	.33	2	3.27
E 180053	2	184	3	24	<.3	42	11	457	2.92	<2	18	3	<2	326	<.2	3	<3	43	2.15	.216	31	49	1.30	240	.15	<3	1.30	.29	.73	<2	2.10
E 180054	2	53	<3	14	<.3	5	3	364	1.96	2	<8	<2	4	88	.2	<3	<3	10	1.55	.052	9	38	.28	83	.01	<3	.55	.15	.30	<2	.37
E 180055	2	60	3	17	.4	3	3	317	2.09	3	<8	<2	5	82	.2	3	4	14	1.52	.050	8	22	.29	66	.03	<3	.60	.15	.28	3	.60
E 180056	3	35	5	18	<.3	5	4	287	2.19	3	<8	<2	3	72	.2	3	<3	16	1.45	.047	7	36	.27	62	.04	<3	.68	.17	.35	2	.84
E 180057	2	14	<3	17	<.3	3	3	267	2.02	<2	<8	<2	2	59	<.2	<3	<3	16	1.41	.048	8	24	.27	66	.05	<3	.62	.13	.30	<2	.52
E 180058	11	22	3	14	<.3	4	4	212	2.27	<2	<8	<2	<2	62	<.2	<3	<3	14	1.36	.049	8	36	.25	63	.05	3	.69	.18	.34	<2	.64
E 180059	14	12	9	11	<.3	3	4	150	2.30	<2	<8	<2	2	49	<.2	<3	<3	15	1.10	.046	6	24	.26	63	.05	<3	.59	.13	.34	<2	.69
E 180060	17	57	3	12	<.3	5	3	180	1.91	<2	<8	<2	3	65	<.2	<3	<3	12	1.34	.047	8	33	.23	75	.03	<3	.67	.17	.31	<2	.43
RE E 180060	17	57	4	11	<.3	4	3	186	1.91	<2	<8	<2	2	64	<.2	<3	<3	12	1.35	.048	8	30	.23	74	.03	3	.64	.17	.31	<2	.49
RRE E 180060	16	58	4	11	<.3	3	3	181	1.90	<2	<8	<2	3	64	.2	<3	<3	11	1.34	.048	8	20	.23	77	.02	3	.67	.17	.33	<2	.39
E 180061	23	41	<3	14	<.3	4	5	269	2.07	<2	<8	<2	<2	65	<.2	<3	<3	11	1.50	.048	7	33	.23	78	.03	<3	.66	.16	.33	<2	.28
E 180062	16	33	<3	13	<.3	3	4	318	2.90	<2	<8	2	2	66	<.2	<3	<3	11	1.65	.044	8	20	.21	73	.02	<3	.62	.15	.29	4	3.77
E 180063	15	27	3	26	.3	4	3	325	1.56	<2	<8	<2	3	82	<.2	<3	<3	17	1.01	.051	5	34	.34	57	.09	<3	.80	.17	.39	2	.62
E 180064	12	34	<3	19	<.3	3	3	312	1.77	<2	9	<2	4	78	<.2	<3	<3	15	1.36	.051	6	23	.29	96	.06	<3	.77	.18	.41	2	.65
E 180065	112	38	4	13	<.3	4	10	290	2.98	<2	<8	4	3	55	<.2	3	<3	16	1.47	.047	5	27	.25	48	.07	<3	.60	.14	.32	5	5.17
E 180066	3	54	<3	23	<.3	4	5	295	2.08	<2	16	<2	<2	62	<.2	<3	<3	21	1.12	.046	5	23	.39	45	.08	<3	.71	.14	.41	<2	.62
E 180067	2	17	4	30	<.3	4	3	367	1.72	<2	<8	<2	2	80	<.2	<3	<3	18	1.10	.049	3	30	.36	54	.08	<3	.81	.15	.46	2	.62
E 180068	3	16	3	26	.4	4	3	381	2.06	<2	<8	3	3	72	<.2	<3	<3	19	1.31	.050	4	24	.31	63	.08	<3	.77	.17	.43	2	2.66
E 180069	2	13	<3	19	.3	3	3	429	2.08	<2	<8	3	<2	99	<.2	<3	<3	12	1.80	.050	6	25	.23	66	.02	<3	.75	.17	.34	4	3.99
E 180070	1	9	<3	10	<.3	3	3	338	1.81	<2	10	<2	4	108	<.2	<3	5	12	1.72	.047	7	17	.21	44	.02	3	.59	.15	.24	2	.73
E 180071	2	50	5	20	<.3	3	3	376	2.18	2	9	<2	<2	68	<.2	<3	<3	18	1.52	.049	4	26	.31	67	.08	<3	.83	.19	.41	<2	1.07
E 180072	2	64	4	17	.8	3	4	301	2.02	5	<8	4	4	59	<.2	<3	<3	21	1.31	.050	4	29	.32	57	.08	<3	.75	.17	.32	3	3.33
E 180073	7	530	<3	29	1.9	19	25	601	6.15	28	<8	4	2	104	<.2	<3	<3	121	2.50	.115	2	39	1.57	92	.18	<3	1.76	.14	.77	3	7.12
E 180074	5	561	<3	20	1.0	33	32	581	4.71	19	9	<2	<2	100	.4	<3	5	94	2.75	.132	3	90	1.39	55	.20	<3	1.43	.19	.74	7	.35
STANDARD DS3/AU-1	9	118	33	150	.5	35	11	785	3.02	32	<8	<2	5	27	5.0	5	6	72	.53	.086	17	175	.58	147	.08	<3	1.71	.04	.16	3	3.40

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** gm/mt
E 180075	3	213	<3	18	.4	32	29	531	3.79	11	13	<2	<2	100	.3	4	<3	95	2.44	.117	4	85	1.32	61	.20	<3	1.48	.16	.77	9	.33
E 180076	2	132	<3	20	.3	25	26	525	3.27	10	<8	<2	<2	152	.2	<3	4	95	2.44	.104	3	63	1.23	86	.20	<3	1.62	.11	.85	2	.38
E 180077	2	380	<3	20	.8	22	38	494	3.98	12	12	<2	3	116	.4	<3	3	96	1.85	.110	3	44	1.14	83	.21	<3	1.47	.10	.70	<2	2.40
E 180078	3	581	<3	19	2.1	26	59	539	5.67	30	28	2	2	128	.8	7	<3	91	2.37	.106	3	43	1.10	77	.20	<3	1.44	.11	.79	5	1.05
E 180079	2	290	<3	30	.8	23	26	545	3.08	7	16	<2	2	179	.2	<3	3	111	1.96	.102	4	84	1.58	145	.22	<3	2.01	.11	1.32	2	.18
E 180080	2	211	<3	23	.3	31	30	541	3.15	7	<8	<2	2	128	.3	<3	<3	105	2.25	.118	3	114	1.64	129	.21	<3	1.87	.10	1.34	<2	.21
RE E 180080	2	211	<3	22	.5	30	30	528	3.12	8	19	<2	2	124	.3	<3	<3	103	2.19	.119	3	112	1.61	122	.21	<3	1.80	.10	1.34	2	.21
RRE E 180080	2	209	<3	23	.6	31	28	539	3.14	10	<8	<2	2	139	.3	<3	<3	107	2.30	.118	4	117	1.65	132	.22	<3	1.88	.12	1.31	2	.25
E 180081	2	452	<3	26	1.0	34	39	752	4.47	13	<8	<2	2	103	.5	<3	<3	111	3.04	.135	3	107	1.79	291	.21	<3	2.07	.11	1.66	3	.28
E 180082	2	151	3	23	.9	30	34	696	4.20	18	30	<2	4	107	.3	<3	<3	124	2.75	.127	4	105	2.04	301	.21	<3	2.26	.10	1.71	2	.09
E 180083	2	137	<3	24	<.3	22	36	690	4.83	8	<8	<2	<2	94	.3	<3	3	112	2.79	.122	2	52	1.93	244	.22	<3	2.30	.11	1.70	<2	.18
E 180084	1	133	<3	21	<.3	27	29	906	4.84	3	15	<2	<2	135	.4	<3	<3	135	6.12	.097	3	84	2.43	289	.15	<3	2.56	.05	1.20	2	.11
E 180085	2	176	7	125	.9	20	26	1232	4.72	11	<8	<2	2	115	.9	4	<3	144	4.58	.127	3	55	2.20	438	.23	<3	2.71	.10	2.22	4	.14
STANDARD DS3/AU-1	10	119	30	148	<.3	34	11	790	2.96	30	9	<2	4	27	5.2	4	7	71	.50	.086	17	180	.54	141	.08	<3	1.74	.04	.17	4	3.35

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

APPENDIX V

COMPARISION DRILL ASSAYS

ACME AND CHEMEX LABS CERTIFICATES OF ANALYSES
AND TABLE

A0129619-CERTIFIED

CLIENT : "SULTAN MINERALS INC."

of SAMPLES : 32

DATE RECEIVED : 28-NOV-2001

PROJECT : "KENA"

CERTIFICATE COMMENTS : "ATTN: A. TROUP

CC/FAX: S. EDWARDS"

SAMPLE DESCRIPTION	KG kg	CHEMEX	ACME*	Diff	Tag	Hole/Depth
		Au g/tonne	Au g/tonne			
1	0.26	0.50	0.93	0.43	A202747	01GM-18 74
2	0.26	0.73	0.79	0.06	B198714	01GM-04 238
3	0.24	0.60	0.54	(0.06)	B198719	01GM-04 248
4	0.24	0.46	0.50	0.04	A202513	01GM-13 126
5	0.28	0.82	0.77	(0.04)	B198845	01GM-09 24
6	0.24	0.81	0.86	0.05	A202089	01GM-10 119
7	0.26	0.31	0.44	0.13	A202086	01GM-10 113
8	0.24	1.24	0.85	(0.39)	A202843	01GM-16 92
9	0.26	0.97	0.97	0.01	A202896	01GM-22 41
10	0.24	0.59	0.90	0.32	B198781	01GM-08 108
11	0.22	0.46	0.77	0.31	B198812	01GM-08 170
12	0.24	0.95	0.93	(0.02)	A202156	01GM-11 70
13	0.28	0.68	0.80	0.13	A202169	01GM-11 96
14	0.26	0.76	0.62	(0.14)	A202605	01GM-15 30
15	0.24	0.82	0.74	(0.08)	A202574	01GM-14 119
16	0.24	1.51	0.79	(0.72)	A202353	01GM-12 112
17	0.24	0.69	0.61	(0.08)	A202539	01GM-14 49
18	0.26	0.93	0.87	(0.06)	A202251	01GM-11 256
19	0.26	1.67	1.82	0.16	A202257	01GM-11 266
20	0.24	0.88	1.20	0.32	A202383	01GM-12 172
21	0.26	0.90	0.86	(0.04)	A202387	01GM-12 180
22	0.24	5.59	5.53	(0.06)	A202229	01GM-11 214
23	0.28	2.36	2.43	0.07	A202723	01GM-18 28
24	0.28	2.02	2.78	0.76	A202724	01GM-18 30
25	0.26	1.77	1.59	(0.18)	A202725	01GM-18 32
26	0.26	1.88	1.81	(0.05)	A202726	01GM-18 34
27	0.24	0.51	0.46	(0.05)	A202094	01GM-10 130
28	0.24	1.33	1.88	0.56	A202095	01GM-10 132
29	0.24	7.63	6.54	(1.09)	A202096	01GM-10 134
30	0.26	1.89	0.67	(1.22)	A202016	01GM-09 165
31	0.24	0.70	1.50	0.81	A202016RRE	01GM-09 165
32	0.26	1.77	1.17	(0.60)	A202017	01GM-09 167

Average difference

(0.02)

*ACME original results added for comparison



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: SULTAN MINERALS INC.
 1400 - 570 GRANVILLE ST.
 VANCOUVER, BC
 V6C 3P1

Project: KENA
 Comments: ATTN: A. TROUP

CC/FAX: S. EDWARDS

Page Number : 1
 Total Pages : 1
 Certificate Date: 06-DEC-2001
 Invoice No. : 10129619
 P.O. Number :
 Account : LHO

CERTIFICATE OF ANALYSIS **A0129619**

SAMPLE	PREP CODE	Weight Kg	Au g/t FA+AA								
1	94139400	0.26	0.500								
2	94139400	0.26	0.730								
3	94139400	0.24	0.600								
4	94139400	0.24	0.460								
5	94139400	0.28	0.815								
6	94139400	0.24	0.805								
7	94139400	0.26	0.310								
8	94139400	0.24	1.240								
9	94139400	0.26	0.965								
10	94139400	0.24	0.585								
11	94139400	0.22	0.460								
12	94139400	0.24	0.950								
13	94139400	0.28	0.675								
14	94139400	0.26	0.755								
15	94139400	0.24	0.815								
16	94139400	0.24	1.505								
17	94139400	0.24	0.685								
18	94139400	0.26	0.930								
19	94139400	0.26	1.665								
20	94139400	0.24	0.880								
21	94139400	0.26	0.895								
22	94139400	0.24	5.59								
23	94139400	0.28	2.36								
24	94139400	0.28	2.02								
25	94139400	0.26	1.770								
26	94139400	0.26	1.860								
27	94139400	0.24	0.505								
28	94139400	0.24	1.325								
29	94139400	0.24	7.63								
30	94139400	0.26	1.885								
31	94139400	0.24	0.695								
32	94139400	0.26	1.765								

CERTIFICATION: _____



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

JAN 31 2002

To: SULTAN MINERALS INC.

1400 - 570 GRANVILLE ST.
 VANCOUVER, BC
 V6C 3P1

Project: KENA
 Comments: ATTN: A. TROUP CC: S. EDWARDS

Page Number : 1
 Total Pages : 1
 Certificate Date: 25-JAN-2002
 Invoice No. : I0210634
 P.O. Number :
 Account : LHO

CERTIFICATE OF ANALYSIS A0210634

SAMPLE	PREP CODE	Weight Kg	Au g/t FA+AA	Au FA g/t								
A1	94139400	0.24	7.37	-----								
A2	94139400	0.26	1.350	-----								
A3	94139400	0.26	1.210	-----								
A4	94139400	0.24	0.100	-----								
A5	94139400	0.28	0.140	-----								
A6	94139400	0.24	8.21	-----								
A7	94139400	0.26	0.485	-----								
A8	94139400	0.24	0.255	-----								
A9	94139400	0.26	1.600	-----								
A10	94139400	0.28	0.680	-----								
A11	94139400	0.26	0.660	-----								
A12	94139400	0.26	3.05	-----								
A13	94139400	0.28	3.72	-----								
A14	94139400	0.26	>10.00	25.08								
A15	94139400	0.26	2.36	-----								
A16	94139400	0.26	1.235	-----								
A17	94139400	0.26	0.020	-----								

CERTIFICATION: _____



ASSAY CERTIFICATE

Sultan Minerals File # A200148
1400 - 570 Granville St., Vancouver BC V6C 3P1 Submitted by: A. Troup

SAMPLE#	Au** gm/mt
31	<.01
33	.17
34	.35
35	.15
36	.25
37	1.32
38	1.16
39	.12
40	.25
41	11.40
42	.34
43	.17
44	2.29
RE 44	2.31
45	.23
46	.31
47	1.56
48	.58
49	.66
50	1.12
51	.67
52	2.85
53	2.28
54	2.12
55	.34
56	6.40
57	.18
58	.49
59	2.91
60	.09
STANDARD AU-1	3.47

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE CHIP P150
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 17 2002 DATE REPORT MAILED: *Jan 25/02* SIGNED BY: *C. Leong* TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

SULTAN MINERALS INC.
 1400 - 570 GRANVILLE ST.
 VANCOUVER, BC
 V6C 3P1

Page Number : 1
 Total Pages : 1
 Certificate Date: 08-MAY-2002
 Invoice No. : I0215437
 P.O. Number :
 Account : LHO

Project : KENA
 Comments: ATTN: A. TROUP CC: S. EDWARDS

CERTIFICATE OF ANALYSIS A0215437

SAMPLE	PREP CODE	Weight Kg	Au FA g/t									
61	94009413	0.24	0.43									
62	94009413	0.28	0.80									
63	94009413	0.24	1.06									
64	94009413	0.26	0.27									
65	94009413	0.28	0.27									
66	94009413	0.26	0.36									
67	94009413	0.24	0.27									
68	94009413	0.24	0.59									
69	94009413	0.26	0.26									
70	94009413	0.28	0.95									
71	94009413	0.26	0.33									
72	94009413	0.26	0.13									

CERTIFICATION: 

A0215437-CERTIFIED

Chmx Check Assays A0215437

SAMPLE	KG	Au	Original		Data		Acme Difference
	kg	g/tonne	Tag	g/t	Hole	From (m)	
61	0.24	0.43	204503	0.17	02GM33	87.00	(0.26)
62	0.28	0.80	204489	0.96	02GM33	60.00	0.16
63	0.24	1.06	204545	0.92	02GM34	74.00	(0.14)
64	0.26	0.27	204441	0.34	02GM32	40.00	0.07
65	0.28	0.27	204428	0.32	02GM32	14.00	0.05
66	0.26	0.36	204456	0.35	02GM32	70.00	(0.01)
67	0.24	0.27	204742	0.49	02GM36	65.00	0.22
68	0.24	0.59	204706	0.55	02GM35	198.00	(0.04)
69	0.26	0.26	204687	0.22	02GM35	161.00	(0.04)
70	0.28	0.95	204844	1.06	02GM37	70.00	0.11
71	0.26	0.33	204873	0.29	02GM37	127.50	(0.04)
72	0.26	0.13	204901	0.16	02GM37	177.82	0.03

Average Difference

0.01

Acme Check Assays

A201126

Sample	Au gm/mt
73	1.96
74	0.65
75	0.43
76	0.01
77	0.18
78	0.23
79	0.64
80	0.59
81	0.80
82	0.11
83	0.23
84	0.58

RE

0.64

Original Data

Tag	Au gm/mt	Hole	From (m)
204806	2.16	02GM36	192.00
204777	0.60	02GM36	135.00
204826	0.48	02GM37	34.00
204586	0.01	02GM34	154.39
204618	0.19	02GM35	23.00
204663	0.21	02GM35	113.00
180064	0.65	02GM40	62.00
180035	0.59	02GM40	1.83
204971	0.74	02GM39	12.00
180084	0.11	02GM40	102.00
204924	0.24	02GM38	47.00
204935	0.54	02GM38	68.00

Difference

0.20
(0.05)
0.05
0.00
0.01
(0.02)
0.01
0.00
(0.06)
0.00
0.01
(0.04)

Average Difference

0.01