

LITHOGEOCHEMISTRY

Lara
827791
0928/13

K B D G MAJOR OXIDES F E H L C R TRACE ELEMENTS V S O ✓

SAMPLE NUMBER	WEST	NORTH	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
DM86LG001	125+88	111+97	61.72	17.79	0.80	2.98	1.55	1.93	9.11	0.18	0.54	853	35	80	6	41.00	45✓	
DM86RG001	✓											690	772	7600	2100	20.60	400	
DM86LG002	125+95	112+12	75.07	14.83	0.96	1.61	1.74	2.45	2.05	0.07	0.14	1525	8	13	8	41.00	5✓	
DM86RG002	✓											270	229	3500	689	5.20	220	
DM86LG003	126+06	112+31	71.19	15.11	2.19	0.46	0.60	6.47	1.56	0.05	0.16	1130	8	19	12	41.00	45✓	
DM86RG003	✓											1700	456	6100	1291	11.90	380	
DM86LG004	126+11	112+61	69.85	17.06	0.58	2.45	1.13	3.09	2.95	0.05	0.19	1254	8	33	3	41.00	5✓	
DM86RG004	✓											470	407	5600	1019	7.00	320	
DM86LG005	124+78	114+53	71.12	16.57	3.40	1.27	0.60	3.03	2.69	0.11	0.21	1205	10	28	7	41.00	5✓	
DM86LG006	121+20	110+81	71.82	18.21	1.01	0.50	0.71	3.57	2.36	0.08	0.22	1082	14	9	3	41.00	10✓	
DM86RG006	✓											1600	437	5400	1132	7.30	400	
DM86LG007	120+56	113+89	61.88	17.43	1.88	3.07	1.95	1.79	7.80	0.14	0.65	1210	14	72	11	41.00	5✓	
DM86RG007	✓											1000	210	2700	587	3.70	220	
DM86LG008	120+14	112+90	69.92	16.23	0.40	2.78	1.32	2.61	3.63	0.07	0.19	1236	9	40	5	41.00	45✓	
DM86RG008	✓											1000	147	1650	373	4.70	190	
DM86LG009	120+46	113+05	73.75	15.45	0.57	1.88	1.37	2.46	2.47	0.05	0.16	1067	7	28	2	41.00	10✓	
DM86RG009	✓											1300	169	2200	403	3.40	100	
DM86LG010	120+95	113+09	75.78	15.53	0.14	0.45	1.41	3.24	1.61	0.04	0.16	1029	7	3	3	41.00	10✓	
DM86RG010												520	83	1200	236	1.80	60	
DM86LG011	123+28	103+77	74.34	14.97	1.63	1.97	1.72	1.29	2.40	0.06	0.16	947	10	24	11	41.00	45✓	

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K B D G MAJOR OXIDES I F E H L C R U S O V TRACE ELEMENTS

SAMPLE NUMBER	WEST	North	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
DM86RG 11	124+48	113+29										1400	235	806	184	1.40	80	
DM86RG 12	124+48	113+29	74.34	14.97	1.63	1.97	1.72	1.29	2.40	0.06	0.16	94.7						
DM86RG 013	124+16	113+70	75.54	16.84	1.48	0.49	0.53	3.61	1.70	0.07	0.15	1153	7	9	2	<1.00	55	
DM86RG 014	119+95	115+97	67.68	18.38	0.29	1.32	0.56	2.85	6.78	0.05	0.39	1780	19	159	13	<1.00	5	
DM86RG 015	118+68	116+47	69.22	19.87	0.45	0.93	0.84	2.40	5.14	0.05	0.47	1019	9	42	9	<1.00	10	
DM86RG 015												1700	104	133	8	0.20	30	
DM86RG 016												1800	15,000	155	10	4.40	70	
DM86RG 017	124+86	113+59	73.00	14.70	1.63	1.97	1.66	2.00	2.17	0.05	0.15	1059	8	17	7	<1.00	55	
DM86RG 017												2300	340	189	10	0.20	40	
DM86RG 018	124+77	113+31	72.17	16.73	3.29	0.69	0.55	3.94	1.70	0.07	0.15	1241	9	1	7	<1.00	55	
DM86RG 018												3800	170	145	11	0.40	65	
DM86RG 019	123+30	112+14	61.23	17.12	0.41	3.04	1.64	1.55	9.56	0.24	0.70	961	14	112	5	<1.00	10	
DM86RG 019	✓											80	14	38	6	<0.20	5	
DM86RG 020	123+17	111+65	61.67	17.86	1.30	2.90	2.27	2.73	6.80	0.16	0.40	1171	23	43	3	<1.00	5	
DM86RG 020	✓											570	15	34	4	<0.20	5	
DM86RG 021	122+90	110+99	72.33	16.37	0.76	0.71	1.85	2.80	2.87	0.09	0.22	1392	10	26	9	<1.00	55	
DM86RG 021												2500	16	19	25	<0.20	5	
DM86RG 022	122+76	110+50	74.14	15.19	0.64	0.68	1.49	2.55	2.87	0.10	0.17	1401	9	29	1	<1.00	20	
DM86RG 023	123+03	110+57	69.98	16.14	1.01	1.15	1.57	2.94	3.41	0.15	0.28	1029	10	28	7	<1.00	5	
DM86RG 024	124+72	109+95	72.50	16.56	1.45	0.32	1.39	3.18	2.11	0.08	0.20	1429	9	7	5	<1.00	55	

LITHOGEOCHEMISTRY

K B O G ^{I F} MAJOR OXIDES E H L C R ^{U S} TRACE ELEMENTS O ✓

SAMPLE NUMBER	WEST	NORTH	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
025	119+19	109+20	68.19	17.50	0.66	2.18	1.22	3.80	3.38	0.08	0.25	1055	9	38	5	<1.00	20✓	
026	119+26	108+39	71.21	15.18	1.52	2.12	1.69	1.86	3.28	0.07	0.21	1446	11	30	5	<1.00	45✓	
027	120+72	108+78	68.94	17.11	0.97	1.67	1.54	3.10	3.17	0.08	0.25	1293	10	31	6	<1.00	10✓	
028	121+65	109+00	69.03	16.85	1.16	1.72	1.10	3.24	3.69	0.09	0.23	1158	10	36	3	<1.00	20✓	
029	122+11	109+29	64.70	17.48	1.35	2.92	1.26	3.12	4.39	0.12	0.23	996	11	52	4	<1.00	10✓	
030	125+54	110+24	65.57	15.91	6.12	0.92	1.30	2.94	3.27	0.09	0.22	1210	11	18	6	<1.00	15✓	
031	125+64	110+47	73.04	16.74	0.28	0.93	0.67	3.37	2.94	0.09	0.22	1365	19	26	8	<1.00	15✓	
032	125+70	110+86	70.00	16.98	1.83	0.68	1.33	3.27	2.84	0.05	0.19	1316	7	29	5	<1.00	10✓	
033	124+86	112+57	74.52	14.89	0.69	0.85	1.48	2.28	1.57	0.04	0.16	1213	9	7	3	<1.00	5✓	
034	125+29	112+80	73.78	14.78	1.32	2.14	1.47	2.17	2.28	0.08	0.13	1171	7	18	6	<1.00	15✓	
035	125+96	112+90	74.06	16.38	0.13	0.73	0.65	3.94	2.23	0.05	0.16	1288	8	9	5	<1.00	10✓	
036	114+34	108+80	71.75	15.87	1.72	1.61	1.77	1.67	2.58	0.06	0.24	1158	9	16	5	<1.00	45✓	
037	113+90	108+74	71.33	17.03	0.11	1.27	0.72	3.71	3.09	0.12	0.23	1065	8	32	3	<1.00	30✓	
038	113+82	108+15	72.45	15.50	0.14	0.41	1.72	3.05	2.62	0.06	0.22	911	8	12	3	<1.00	10✓	
039	115+81	107+62	70.68	17.87	0.17	0.79	1.36	3.42	2.84	0.09	0.22	1140	9	18	2	<1.00	5✓	
040	112+14	109+65	70.12	16.96	1.08	1.48	1.82	2.28	2.95	0.08	0.24	1293	10	30	6	<1.00	45✓	
041	114+20	109+20	69.22	16.29	1.09	1.42	2.11	2.24	3.80	0.15	0.19	882	8	33	2	<1.00	45✓	
042	115+24	115+95	73.42	18.41	0.26	0.44	0.40	3.51	2.34	0.17	0.21	1160	9	34	14	<1.00	5✓	
043	115+10	108+19	72.08	15.87	0.17	1.35	2.29	2.27	3.22	0.08	0.21	976	12	32	3	<1.00	10✓	
044	116+60	109+65	68.72	17.41	1.34	2.07	1.15	2.66	3.70	0.09	0.22	1234	12	35	4	<1.00	45✓	

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K B P G I F E H L C R U S O V
 MAJOR OXIDES TRACE ELEMENTS

SAMPLE NUMBER			SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
mm86LG045	116+70	109+47	72.71	15.03	0.42	2.28	1.85	1.70	2.88	0.09	0.17	767	10	43	9	<1.00	5	
mm86LG047	118+41	108+26	71.04	16.11	1.59	1.89	1.55	2.17	2.85	0.06	0.22	787	8	25	7	<1.00	5	
mm86LG048	118+16	108+45	73.39	15.70	1.10	0.77	2.41	2.14	1.74	0.05	0.21	1129	7	9	6	<1.00	10	
mm86LG049	117+48	108+41	71.77	16.01	1.43	1.99	1.67	1.70	2.71	0.07	0.23	1225	8	27	4	<1.00	5	
mm86LG050	117+29	108+69	70.55	16.34	0.98	1.66	1.58	2.03	3.04	0.06	0.25	1019	7	32	7	<1.00	5	
mm86LG051	118+14	109+00	73.60	14.30	1.31	1.20	1.82	1.90	2.90	0.08	0.20	1123	10	25	12	<1.00	5	
mm86LG052	117+83	108+77	70.51	16.51	0.99	1.84	1.69	2.05	3.21	0.08	0.26	1193	9	33	3	<1.00	5	
mm86LG053	117+30	108+95	70.23	16.39	0.79	1.77	1.66	2.16	3.23	0.08	0.27	1472	8	30	5	<1.00	5	
mm86LG054	116+91	108+58	70.75	16.40	1.65	1.87	1.36	2.15	2.89	0.05	0.23	1294	8	28	3	<1.00	5	
mm86LG055	118+00	109+46	68.76	19.04	0.81	1.29	1.69	3.43	2.32	0.04	0.27	1580	8	20	5	<1.00	5	
mm86LG056	120+33	113+85	73.74	16.19	0.19	0.93	0.33	4.67	2.45	0.08	0.17	1359	7	16	6	<1.00	5	
mm86LG057	120+31	114+24	74.44	16.38	0.17	0.20	0.51	2.93	4.62	0.04	0.30	848	14	14	21	<1.00	5	
mm86LG058	119+54	109+19	71.98	16.40	0.54	1.56	1.44	2.72	2.66	0.06	0.23	1227	8	20	9	<1.00	5	
mm86LG059	105+87	113+05	72.46	16.13	0.31	0.96	2.19	1.27	4.00	0.11	0.24	1141	12	28	4	<1.00	5	
mm86LG060	105+30	112+24	53.39	20.20	0.33	5.94	1.72	1.49	11.56	0.15	1.09	735	53	81	3	<1.00	10	
mm86LG061	105+00	111+87	68.26	16.39	0.50	1.78	1.77	1.46	6.39	0.12	0.45	663	13	57	12	3	5	
mm86LG062	104+12	111+18	68.46	17.13	0.63	2.12	1.33	2.83	3.83	0.09	0.25	1126	10	37	4	<1.00	10	
mm86LG064	103+36	110+81	66.73	17.79	2.20	1.13	2.26	1.96	4.88	0.17	0.42	2097	19	51	11	<1.00	5	
mm86LG065	116+12	108+44	71.74	17.25	0.14	0.54	1.22	3.80	2.34	0.06	0.23	1065	8	8	5	4	5	
mm86LG066	107+32	116+77	72.67	19.21	0.52	0.51	0.68	3.21	2.28	0.09	0.23	1405	4	89	13	<1.00	20	

LITHOGEOCHEMISTRY

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TRACE ELEMENTS

SAMPLE NUMBER	WEST	North	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
mm86LG067	107+81	115+16	70.62	20.40	0.04	0.20	0.90	4.14	2.65	<0.01	0.20	1065	2	7✓	15	<1.00	25✓	
mm86LG068	107+97	115+29	74.32	14.85	1.09	1.57	2.72	1.68	2.53	0.05	0.22	1043	1	28✓	7	<1.00	45✓	
mm86LG069	107+73	114+94	73.47	15.24	1.00	1.50	2.58	2.40	2.45	0.04	0.15	1400	3	24✓	5	<1.00	45✓	
mm86LG070	107+41	114+42	61.68	18.88	0.93	1.76	4.47	1.62	8.13	0.31	0.35	880	6	70✓	8	1.00	5✓	
mm86LG071	103+01	110+62	70.89	18.34	0.90	0.61	2.40	3.38	2.08	0.05	0.24	1051	8	10✓	6	<1.00	5✓	
mm86LG072	102+27	110+47	73.16	16.56	0.14	0.30	4.41	2.17	1.95	0.05	0.22	806	20	28✓	4	<1.00	5✓	
mm86LG073	101+80	103+71	75.66	14.62	0.03	1.78	0.12	3.56	2.30	0.03	0.15	3263	7	22✓	15	<1.00	5✓	
mm86LG074	102+42	104+23	61.78	17.88	0.06	6.47	0.12	4.09	6.24	0.11	0.49	2969	72	330✓	8	<1.00	40✓	
mm86LG075	104+79	108+45	69.74	18.29	0.25	2.34	1.99	3.26	3.09	0.08	0.24	1226	8	42✓	7	<1.00	45✓	
mm86LG076	108+28	112+46	70.15	15.83	3.88	1.81	0.48	3.14	2.16	0.14	0.16	937	2	25✓	4	<1.00	10✓	
mm86LG077	107+87	111+73	74.42	14.99	1.23	1.31	2.71	2.20	2.37	0.06	0.14	815	4	26✓	8	<1.00	5✓	
mm86LG078	104+83	103+02	71.77	16.67	0.26	3.43	0.22	4.33	2.29	0.07	0.23	2831	8	62✓	6	<1.00	15✓	
mm86LG079	106+05	105+40	71.26	17.14	0.53	2.47	1.44	3.72	2.35	0.07	0.23	2694	6	139✓	7	<1.00	10✓	
mm86LG080	106+06	105+51	66.72	17.15	0.63	3.86	2.95	2.59	4.78	0.13	0.29	1114	10	52✓	6	<1.00	5✓	
mm86LG081	106+18	106+01	68.56	17.05	0.38	4.32	1.38	4.11	3.05	0.09	0.22	1160	4	30✓	8	<1.00	10✓	
mm86LG082	106+55	106+78	69.60	13.17	0.89	2.05	5.34	0.83	3.96	0.10	0.27	405	4	33✓	4	<1.00	5✓	
mm86LG083	106+68	108+46	71.21	15.40	1.25	1.31	4.77	1.61	2.66	0.03	0.24	1293	4	12✓	7	<1.00	15✓	
mm86LG084	106+73	108+69	56.41	16.43	1.24	7.60	3.74	0.66	9.47	0.19	0.51	390	85	69✓	4	1.00	10✓	
mm86LG085	106+99	109+64	70.22	17.12	0.15	0.69	3.91	2.70	2.66	0.03	0.24	1101	2	23✓	5	<1.00	5✓	
mm86LG086	107+20	110+15	73.52	15.33	0.26	0.81	3.87	2.03	2.81	0.03	0.20	838	8	30✓	6	<1.00	10✓	

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SAMPLE NUMBER	WEST	NORTH	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
mm86LG087	108+27	115+60	69.56	19.45	0.11	1.80	1.24	3.30	3.92	0.09	0.26	1466	6	49✓	9	<1.00	15✓	
mm86LG088	108+10	116+11	72.06	16.12	2.60	1.25	0.43	2.93	3.61	0.30	0.15	909	11	607✓	14	2.00	110✓	
mm86LG089	108+01	116+96	71.08	17.81	2.92	1.14	0.65	2.92	2.45	0.12	0.21	1284	3	33✓	7	<1.00	5✓	
mm86LG090	108+10	117+65	71.65	18.45	1.18	0.84	0.85	2.84	3.03	0.05	0.24	1265	8	50✓	9	<1.00	5✓	
mm86LG091	109+65	119+82	68.23	14.86	3.86	0.92	6.69	0.28	1.47	0.03	0.35	169	1	<2✓	4	<1.00	<5✓	
mm86LG092			74.05	16.04	0.06	1.21	0.91	3.55	1.48	0.01	0.14	2835	29	19✓	5	<1.00	25✓	
mm86LG093			70.15	18.46	0.15	1.24	1.73	3.72	3.21	0.05	0.25	1360	5	33✓	9	<1.00	<5✓	
mm86LG094			67.66	19.64	0.11	1.54	2.18	3.80	3.74	0.12	0.28	1383	10	39✓	8	<1.00	<5✓	
mm86LG095	99+30	106+23	70.54	14.47	0.23	3.08	3.73	1.47	4.24	0.10	0.29	465	15	52✓	6	<1.00	5✓	
mm86LG096	100+31	106+84	68.11	18.50	0.41	1.73	2.31	3.91	3.70	0.06	0.24	1408	3	32✓	6	<1.00	<5✓	
mm86LG097	100+81	107+11	74.42	14.82	0.25	1.84	1.59	2.64	2.67	0.09	0.19	919	1	22✓	5	<1.00	<5✓	
mm86LG098	101+30	107+37	71.09	17.47	1.15	1.17	2.18	3.13	2.91	0.07	0.22	1178	1	23✓	6	<1.00	<5✓	
mm86LG099	101+79	107+69	68.26	18.74	0.59	1.66	2.47	3.02	3.76	0.08	0.25	1602	5	52✓	3	<1.00	10✓	
mm86LG100	103+31	108+78	69.23	18.00	0.69	2.73	1.98	2.77	3.54	0.09	0.22	1040	3	58✓	4	<1.00	30✓	
mm86LG101	103+81	109+41	71.53	17.64	0.20	0.63	2.77	2.78	3.53	0.07	0.20	1461	6	27✓	4	<1.00	<5✓	
mm86LG102	104+49	110+18	66.03	19.84	3.76	0.65	2.14	3.87	2.65	0.10	0.22	944	8	56✓	6	<1.00	5✓	
mm86LG103	104+79	110+65	69.77	18.37	0.52	1.16	2.37	3.77	3.03	0.05	0.24	1401	8	38✓	4	<1.00	5✓	
mm86LG104	105+32	111+65	70.90	16.31	4.48	0.53	1.29	3.43	2.05	0.06	0.17	1047	1	15✓	6	<1.00	<5✓	
mm86LG105	102+18	116+60	73.23	18.89	0.19	0.64	0.47	3.35	2.49	0.07	0.23	1797	4	42✓	14	<1.00	<5✓	
mm86LG106	126+60	110+55	74.99	14.77	0.64	1.09	2.21	2.80	2.09	0.08	0.16	869	2	18✓	4	<1.00	<5✓	

LITHOGEOCHEMISTRY

K B D G MAJOR OXIDES F E H L C R TRACE ELEMENTS U S O V

SAMPLE NUMBER	WEST	NORTH	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
107 DMS6LG 107	123+58	108+17	72.42	15.82	2.21	1.06	1.96	2.73	2.67	0.09	0.17	937	8	29✓	8	<1.00	5✓	
DMS6LG 108	123+85	108+65	67.36	18.63	0.75	2.10	2.52	3.17	4.10	0.08	0.24	1085	6	43✓	6	<1.00	10✓	
DMS6LG 109	123+08	108+77	67.96	18.01	1.59	1.63	3.11	3.02	2.71	0.07	0.22	979	8	22✓	8	<1.00	55✓	
DMS6LG 110	122+51	104+75	70.85	14.89	0.81	0.81	5.43	1.51	3.83	0.05	0.31	790	16	12✓	6	<1.00	45✓	
DMS6LG 111	123+28	103+77	63.04	12.12	6.03	6.67	3.02	1.14	6.32	0.32	0.36	605	35	177✓	7	<1.00	45✓	
DMS6LG 113	124+05	104+94	71.81	15.52	1.25	1.20	3.26	3.28	2.73	0.06	0.21	1184	5	49✓	8	<1.00	5✓	
DMS6LG 114	123+19	107+51	64.32	16.89	0.75	2.72	4.66	2.36	5.78	0.20	0.44	894	49	52✓	7	<1.00	45	
DMS6LG 115	124+09	109+11	70.08	18.16	1.35	1.71	1.68	2.94	2.97	0.14	0.26	1259	3	34✓	7	<1.00	5	
DMS6LG 116	109+71	109+65	70.10	17.33	1.30	1.22	3.98	1.81	3.00	0.03	0.35	556	2	16✓	4	<1.00	45	

- @ Avg (List) average values
- @ Max (List) max value in list
- @ STD Standard Deviation
- @ Var Pop Variance

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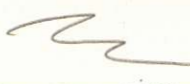
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LITHOGEOCHEMISTRY

LOCATION

K B D G MAJOR OXIDES F E H L C R U S O V TRACE ELEMENTS



SAMPLE NUMBER			SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	Ba	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
SK86LG073	✓	✓	69.55	16.74	0.20	1.70	4.72	2.16	3.86	0.06	0.27	1199	5	55✓	5	<1.0	45✓	Plotted
SK86LG074	✓	✓	71.26	15.19	0.21	2.14	4.32	1.75	4.05	0.08	0.25	874	5	56✓	5	<1.0	45✓	Plotted
SK86LG075	✓	✓	75.68	13.63	0.20	0.84	4.61	1.61	1.81	0.04	0.21	947	4	17✓	5	<1.0	5✓	Plotted
SK86LG077	✓	✓	69.82	16.12	0.92	1.76	4.75	2.06	3.40	0.08	0.25	898	3	40✓	8	<1.00	45✓	Plotted
SK86LG082	✓	✓	69.94	15.07	0.35	4.37	2.92	1.80	4.10	0.16	0.24	904	7	87✓	5	<1.00	10✓	Plotted
SK86LG083	✓	✓	63.47	14.15	0.84	5.38	4.49	0.49	6.94	0.21	0.40	305	28	79✓	7	<1.00	45✓	Plotted
SK86LG086	✓	✓	70.71	15.46	0.13	4.00	2.98	1.88	3.73	0.10	0.23	846	3	51✓	4	<1.00	45✓	Plotted
SK86LG087			72.99	16.05	0.08	2.71	1.26	3.09	2.69	0.03	0.29	2868	7	30✓	6	<1.00	45✓	Plotted
SK86RG087												2800	27	30	10	0.20	10	
SK86LG088			73.72	13.45	0.13	2.68	0.77	2.31	5.78	0.04	0.20	1941	15	10✓	5	<1.00	10✓	Plotted
SK86RG088												630	18	9	34	<0.20	10	
SK86LG089			56.12	14.95	1.35	8.03	3.60	0.63	10.54	0.29	0.68	1157	496	144✓	7	1.00	5✓	Plotted
SK86RG089												3000	1550	104	10	0.50	10	
SK86RG092												750	21	69	12	<0.20	45	
SK86RG093												180	70	47	8	<0.20	45	
SK86RG093												1100	53	55	10	<0.20	45	
SK86LG096	✓	✓	74.50	15.92	0.63	0.95	1.34	3.74	1.77	0.05	0.19	1051	9	26✓	26✓	<1.00	45✓	Plotted
SK86LG098	✓	✓	72.76	16.78	0.03	2.52	0.17	3.95	3.00	0.02	0.16	1988	4	28✓	5	<1.00	25✓	Plotted
SK86LG099	98+34	110+42	48.86	18.20	4.00	6.76	5.27	0.54	11.63	0.22	0.81	317	60	102✓	8	1.00	10✓	

LITHOGEOCHEMISTRY

SAMPLE NUMBER	LOCATION	MAJOR OXIDES										TRACE ELEMENTS					Rock Type
		K	B	D	G	I	F	E	H	L	C	R	U	S	O	V	
		SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	
SK86LG100		75.57	17.85	0.20	0.16	0.51	3.27	1.73	0.01	0.16	1656	3	11	9	<1.00	35	
SK86RG100											1600	9	12	8	<0.20	45	
SK86RG101											1100	36	64	30	0.40	25	
SK86RG102											870	21	21	9	<0.20	5	
SK86LG103		72.61	19.27	0.23	0.65	0.55	3.40	2.56	0.08	0.18	1427	5	41	15	<1.00	45	
SK86RG103											1400	8	69	14	<0.20	45	
SK86RG104											230	220	520	56	1.70	110	
SK86RG105											670	44	164	40	0.20	30	
SK86LG106		50.43	16.62	1.64	7.22	0.25	1.34	13.99	0.24	1.21	1051	5	422	12	2.00	45	
SK86RG106											1000	4	338	11	<0.20	45	
SK86LG107		72.28	15.54	4.37	0.52	0.68	3.52	2.21	0.08	0.15	1096	5	24	5	0.10	5	
SK86RG108		74.87	16.04	0.09	0.23	2.65	2.90	2.44	0.07	0.18	1077	6	14	6	0.10	15	
SK86LG109		67.01	15.15	3.94	2.27	1.82	2.51	6.04	0.20	0.35	1407	59	747	19	1.00	10	EAST GRID
SK86RG109											1300	108	2100	22	<0.20	45	EAST GRID
SK86RG110											1200	185	2800	460	4.40	45	
SK86RG111											1700	129	1520	420	2.60	20	
SK86RG112											1500	13	166	34	0.40	<5	
SK86RG115											710	129	410	34	0.70	<5	
SK86RG116											860	29	304	59	0.40	20	
SK86RG117											1100	19	130	31	0.40	<5	

Location.

1K1 ^B (1) (3) ^D G I F
 MAJOR OXIDES ^E Fe H L (2) ^S

LITHOGEOCHEMISTRY

R U S
 TRACE ELEMENTS O V

P

SAMPLE NUMBER	WEST	NORTH	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	Ba	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type	As ppm
SK86RG19												180	540	177	10	0.20	20		11
SK86RG25												5400	42	16	76	<0.20	10		31
SK86RG28												5900	84	81	76	<0.20	10		6
SK86RG29												3000	300	290	23	<0.20	45		6
SK86LG22			70.91	14.63	0.99	1.09	4.47	0.70	3.42	0.04	0.28	735	12	13	1	<1.00	45		1.0
SK86LG23			66.02	15.62	2.30	2.41	4.34	0.30	5.86	0.09	0.46	375	17	19	3	<1.00	5		1.0
SK86LG37	115+20	102+73	69.09	15.02	1.64	1.43	5.18	1.23	3.37	0.07	0.27	1547	41	26	2	<1.00	5		0.5
SK86LG40	115+37	102+80	69.56	15.93	1.22	1.26	4.80	1.79	3.28	0.06	0.25	1903	9	11	3	<1.00	45		0.5
SK86LG42	115+48	102+85	69.41	16.46	1.54	1.68	5.17	1.14	2.82	0.09	0.28	1085	7	6	6	<1.00	45		0.5
SK86LG44	115+56	102+91	65.55	15.59	2.06	1.85	6.02	0.57	5.53	0.09	0.40	539	10	18	4	<1.00	5		2
SK86LG45	115+65	102+94	69.88	15.49	1.77	1.17	5.40	0.95	3.84	0.09	0.30	1659	75	43	3	<1.00	45		2
SK86LG56	110+43	103+20	70.15	14.44	1.91	1.11	5.94	0.64	3.61	0.07	0.28	772	1	12	5	<1.00	5		2
SK86LG059	115+72	104+06	66.56	19.76	1.68	1.24	2.71	4.19	2.51	0.04	0.39	1522	15	23	10	<1.00	25		6
SK86RG059												600	55	16	42	0.60	20		6
SK86LG062	115+40	104+56	70.06	16.03	0.46	2.81	3.63	2.24	3.59	0.07	0.28	750	17	37	5	1.00	10		.50
SK86LG067	115+56	104+67	71.35	14.26	1.67	1.96	4.22	1.37	3.82	0.10	0.24	550	40	26	9	<1.00	15		1
SK86LG068			70.05	16.34	0.55	1.81	3.63	2.77	3.73	0.07	0.35	1170	8	26	8	<1.00	10		6
SK86RG070												860	640	143	23	0.90	25		3
SK86LG071	117+70	107+45	74.74	17.74	0.06	0.30	0.85	3.61	1.85	0.03	0.21	1153	4	6	8	0.10	45		.10
SK86LG072	118+22	107+50	76.78	14.58	0.85	0.78	1.37	2.56	2.10	0.05	0.18	843	3	17	8	0.10	45		.10

LITHOGEOCHEMISTRY

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MAJOR OXIDES

TRACE ELEMENTS

SAMPLE NUMBER		MAJOR OXIDES										TRACE ELEMENTS					Rock Type
		SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BAT	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	
GG86L58	✓✓	67.02	15.60	0.31	3.37	2.08	2.48	5.75	0.15	0.41	1259	10	106	7	<1.00	5	
GG86L60	✓✓	76.51	12.61	0.82	2.63	1.58	1.83	2.26	0.04	0.21	939	54	8	<2	<1.00	20	
GG86L61	✓✓	68.21	14.12	0.24	4.75	0.31	2.69	6.65	0.08	0.21	2078	2511	127	5	<1.00	35	
GG86L62	✓✓	69.52	15.63	0.25	4.03	0.48	2.98	4.16	0.10	0.19	2219	27	64	<2	<1.00	5	
GG86L64	✓✓	66.87	15.56	0.29	6.21	1.47	2.33	4.10	0.08	0.25	1225	9	38	2	<1.00	10	
GG86L65	✓✓	58.64	23.53	0.13	1.79	0.60	6.88	3.85	0.02	0.38	4496	20	81	177	<1.00	330	
GG86L66	✓✓	75.24	14.35	0.25	0.72	2.61	2.33	1.79	0.03	0.24	1017	11	43	12	<1.00	10	
GG86L67	✓	69.45	15.77	0.14	0.99	0.96	3.59	5.33	0.02	0.27	4793	27	160	205	<1.00	65	
GG86L68	✓✓	72.32	14.69	0.98	2.69	2.70 -	1.97	1.33	0.03	0.19	1510	7	10	4	<1.00	3	
GG86L75	✓✓	68.52	13.79	1.33	3.85	3.20	0.93	4.57	0.13	0.33	1788	14	39	3	<1.00	3	
GG86L76	✓✓	70.20	14.73	1.51	1.63	3.68	1.25	3.88	0.09	0.32	1610	27	33	<2	<1.00	3	
GG86L88	✓✓	71.70	15.79	1.85	0.69	1.94	3.27	2.10	0.04	0.19	889	15	27	7	<1.00	10	
GG86L90	✓✓	63.87	18.25	3.81	1.43	0.94	4.12	4.55	0.11	0.48	1026	15	57	2	<1.00	5	
GG86L98	✓✓	65.63	14.28	0.40	4.04	1.16	2.66	7.28	0.08	0.39	1650	26	33	2	<1.00	3	
GG86L102	✓✓	72.45	14.70	0.09	1.12	0.07	3.53	4.98	0.02	0.13	1836	506	14	7	<1.00	25	
GG86L104	✓✓	69.88	16.98	0.97	1.59	1.52	3.63	2.40	0.05	0.22	1441	13	14	3	<1.00	3	
GG86L106	✓✓	67.52	17.43	0.24	2.73	0.22	3.67	5.70	0.05	0.33	1728	23	13	4	<1.00	15	
GG86L107	✓✓	71.59	14.45	1.57	1.66	4.07	0.95	2.88	0.06	0.25	1398	11	9	5	<1.00	5	
GG86L108	✓✓	73.03	13.24	0.10	1.82	0.37	3.14	5.55	0.04	0.24	1915	12	1	4	<1.00	70	
GG86L110	✓✓	68.86	15.25	0.12	3.02	0.94	3.21	5.04	0.04	0.29	1647	14	32	<2	<1.00	10	

LITHOGEOCHEMISTRY

MAJOR OXIDES

TRACE ELEMENTS

SAMPLE NUMBER	MAJOR OXIDES										TRACE ELEMENTS						Rock Type
	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	BA	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au		
GG86LG 28											50	39	78	8	<0.50	5	
GG86LG 29											550	26	74	7	<0.50	5	
GG86LG 31											90	48	100	45	<0.50	45	
GG86LG 80											310	5100	380	79	3.20	95	
GG86LG 168											1400	75	27	5	0.20	25	
GG86LG 172											420	5	7	3	<0.20	45	
GG86LG 179											2600	600	45	5	<0.20	30	
GG86RC 43											40	37	19	31	1.60	240	
GG86RC 44											20	195	102	6	<0.50	15	
GG86RC 45											100	55	59	45	<0.50	10	
GG86RC 46											70	41	62	45	<0.50	45	
GG86RC 47											210	33	48	45	<0.50	35	
GG86RC 48											170	16	29	8	<0.50	50	
GG86RC 49											70	165	86	45	<0.50	5	
GG86RC 50											400	51	61	17	<0.50	100	
GG86RC 51											410	29	58	45	<0.50	10	

Entered by _____

Loaded by _____