803847 Sample Numbers for Lithochem Plots

April 24/91

East Treaty Glacier

KQ-87 – 81B
83A
83B
83C
84
85B
85C
85D
85E
85F
86
88A
88B
88C

[strat section.]

EAST TREATY GLACIER GEOCHEM.

sample_n	utm_east	utm_nort	kirkham_	travers	na_pct_n	sc_ppm_n	cr_ppm_n	fe_pct_n	co_ppm_n	ni_ppm_n	zn_ppm_n
879694	433300	6272341	KQ8781B	rtrvk87	2.92	27.3	56	9.0	42	20	150
879695	433240	6272520	KQ8782	rtrvk87	3.40	16.0	< 20	3.8	5	< 20	220
879696	433200	6272640	KQ8783A	rtrvk87	1.80	4.5	< 20	2.6	< 5	< 20	130
879698	433110	6272620	KQ8783B	rtrvk87	0.42	1.8	< 20	1.3	< 5	< 20	110
879699	433080	6272640	KQ8783C	rtrvk87	1.80	10.0	< 20	3.5	10	< 20	140
879700	432960	6273240	KQ8784	rtrvk87	0.61	12.0	29	3.6	8	< 20	140
879702	432910	6273270	KQ8785A	rtrvk87	3.21	25.2	67	5.9	31	38	100
879703	432880	6273320	KQ8785B	rtrvk87	2.83	22.0	89	4.3	24	42	110
879704	432800	6273330	KQ8785C	rtrvk87	4.01	24.7	89	3.6	28	43	130
879705	432800	6273331	KQ8785D	rtrvk87	4.05	23.4	140	5.6	29	59	< 100
879706	432680	6273340	KQ8785E	rtrvk87	3.58	23.5	140	5.9	28	67	170
879708	432600	6273380	KQ8785F	rtrvk87	2.53	28.7	210	7.0	40	98	150
879709	432540	6273640	KQ8786	rtrvk87	2.57	31.6	230	7.4	43	91	120
879710	432540	6273740	KQ8787A	rtrvk87	1.50	17.0	80	1.5	8	< 20	< 100
879712	432520	6273780	KQ8787B	rtrvk87	0.86	17.0	47	4.8	12	< 20	< 100
879713	432520	6273781	KQ8787C	rtrvk87	2.20	8.8	55	1.1	< 5	< 20	< 100
879714	432520	6273840	KQ8788A	rtrvk87	2.30	8.3	< 20	3.2	7	< 20	130
879715	432430	6273880	KQ8788B	rtrvk87	2.78	19.0	< 20	5.7	22	< 20	< 100
879716	432420	6273950	KQ8788C	rtrvk87	2.00	16.0	< 20	5.0	18	< 20	110

sample_n	as_ppm_n	se_ppm_n	br_ppm_n	rb_ppm_n	zr_ppm_n	mo_ppm_n	ag_ppm_n	cd_ppm_n	sn_ppm_n	sb_ppm_n	te_ppm_n
879694	2.1	< 5	< 2.0	< 5	290	< 1	< 2	< 5	< 100	0.4	< 10
879695	31.0	< 5	< 2.0	14	< 200	< 1	< 2	< 5	< 100	1.0	< 10
879696	1.3	< 5	< 2.0	10	510	< 1	< 2	< 5	< 100	0.5	< 10
879698	1.4	< 5	< 2.0	13	210	< 1	< 2	< 5	< 100	0.4	< 10
879699	4.1	< 5	< 2.0	22	360	< 1	< 2	< 5	< 100	1.4	< 10
879700	7.5	< 5	< 2.0	90	340	< 1	< 2	< 5	< 100	0.5	< 10
879702	6.0	< 5	< 2.0	37	< 200	2	< 2	< 5	< 100	0.7	< 10
879703	< 0.5	< 5	< 2.0	7	< 200	< 1	< 2	< 5	< 100	0.3	< 10
879704	2.1	< 5	< 2.0	30	< 200	< 1	< 2	< 5	< 100	0.4	< 10
879705	1.8	< 5	< 2.0	24	< 200	< 1	< 2	< 5	< 100	0.1	< 10
879706	1.0	< 5	< 2.0	13	< 200	< 1	< 2	< 5	< 100	< 0.1	< 10
879708	16.0	< 5	< 2.0	33	370	< 1	< 2	< 5	< 100	0.5	< 10
879709	23.0	< 5	< 2.0	< 5	< 200	< 1	< 2	< 5	< 100	0.6	< 10
879710	7.5	< 5	< 2.0	43	< 200	< 1	< 2	< 5	< 100	1.7	< 10
879712	11.0	< 5	< 2.0	84	250	< 1	< 2	< 5	< 100	0.9	< 10
879713	1.6	< 5	< 2.0	28	< 200	< 1	< 2	< 5	< 100	0.3	< 10
879714	3.7	< 5	< 2.0	90	330	< 1	< 2	< 5	< 100	1.5	< 10
879715	4.6	< 5	< 2.0	33	< 200	< 1	< 2	< 5	< 100	1.6	< 10
879716	5.4	< 5	< 2.0	130	310	< 1	< 2	< 5	< 100	2.9	< 10

sample_n	cs_ppm_n	ba_ppm_n	la_pmm_n	ce_ppm_n	sm_ppm_n	eu_ppm_n	tb_ppm_n	yb_ppm_n	lu_ppm_n	hf_ppm_n	ta_ppm_n
879694	0.6	260	9	18	3.50	1	0.9	3	0.6	3	< 0.5
879695	< 0.5	760	20	34	4.20	< 1	1.1	3	0.7	4	0.7
879696	0.7	500	29	61	5.90	2	1.4	5	1.1	9	1.0
879698	3.4	1700	35	69	6.70	< 1	1.3	5	0.9	3	0.6
879699	1.5	3200	29	60	7.30	1	2.5	9	1.5	4	0.7
879700	5.9	1200	42	84	8.10	< 1	1.8	7	1.3	7	0.9
879702	< 0.5	1900	23	44	3.80	1	1.0	2	0.5	3	0.6
879703	< 0.5	450	16	29	2.70	< 1	0.7	< 2	0.3	1	< 0.5
879704	< 0.5	1900	20	37	3.40	< 1	0.7	2	0.4	2	0.6
879705	1.6	920	27	44	3.70	1	0.7	< 2	0.3	2	0.8
879706	0.8	560	24	49	3.80	< 1	0.7	< 2	0.3	4	< 0.5
879708	1.4	1200	30	55	4.00	< 1	0.9	< 2	0.4	2	< 0.5
879709	2.1	55	30	48	3.80	1	0.7	2	0.3	3	0.5
879710	2.6	700	16	28	2.70	< 1	0.6	< 2	0.3	2	< 0.5
879712	6.2	1200	17	36	3.20	< 1	0.8	3	0.5	4	< 0.5
879713	1.8	550	17	33	3.30	< 1	0.7	2	0.4	2	< 0.5
879714	7.8	1600	31	56	4.20	< 1	0.8	2	0.6	6	0.7
879715	4.6	840	28	51	4.10	< 1	0.7	2	0.4	3	0.7
879716	1.8	3000	30	50	4.40	1	0.9	2	0.6	4	0.6

hyaloclastite South Treaty Glacier

KQ-87

sample_n	w_ppm_na	ir_ppb_n	au_ppb_n	th_ppm_n	u_ppm_na	wt_grams	sio2_pct	tio2_pct	al2o3_pc	cr2o3_pc	fe2o3t_p
879694	81A < 1 □	< 50	< 2	1.9	1.4	11.92	41.2	1.59	12.9	0.01	11.3
879695	< 1	< 50	8	3.7	2.0	11.26	71.0	0.76	12.7	0.00	5.3
879696	83A < 1	< 50	< 2	5.9	2.9	10.13	81.1	0.18	8.5	0.00	3.8
879698	83B ITDF	< 50	< 2	7.8	2.5	8.6	82.7	0.10	8.5	0.00	1.7
879699	83C epicl.mar.	< 50	< 2	6.4	4.0	9.04	74.2	0.59	10.8	0.00	4.8
879700	84 < pebbly mud	1 < 50	< 2	14.0	5.7	10.31	62.3	0.49	15.8	0.00	5.6
879702	< 1	< 50	< 2	2.9	2.5	13.09	49.5	0.88	19.7	0.01	7.9
879703	85B < pl(hb)and	1 BC+ < 50	< 2	1.9	0.7	11.76	44.4	0.70	15.3	0.01	6.7
879704	85C < " " "	1 BC+ < 50	4	2.8	1.0	10.65	54.3	0.86	16.6	0.01	5.5
879705	85D < " " "	1 BC+ < 50	< 2	2.5	0.9	12.31	51.9	0.82	17.1	0.02	7.6
879706	85E <	1 BC+ < 50	20	2.4	1.0	11.27	48.6	0.90	16.0	0.02	8.1
879708	85F < mas.grn bx?	1 BC+ < 50	< 2	2.8	0.8	11.	46.7	0.97	17.0	0.03	9.0
879709	86 < col. jointed	1 BC+ < 50	< 2	2.7	0.9	12.46	42.8	1.03	17.4	0.03	9.6
879710	< 1	< 50	< 2	1.1	0.8	8.58	40.2	0.32	11.3	0.01	1.8
879712	< 1	< 50	< 2	4.6	1.6	10.04	53.9	0.63	16.4	0.00	6.7
879713	<	< 50	< 2	1.1	2.0	9.97	39.0	0.47	10.4	0.00	1.5
879714	88A <	1URF* < 50	< 2	18.0	6.1	9.59	63.1	0.41	17.7	0.00	4.3
879715	88B < " "	1URF* < 50	14	11.0	3.3	11.43	60.3	0.65	15.5	0.00	7.7
879716	88C < " "	1URF* < 50	4	12.0	5.3	10.71	55.7	0.71	17.9	0.00	6.7

URF*

May 6/91

Janet,

Symbols to be used:

H (+) ← assume BC

DF(△)

SRF(□)

URF(*)

J.C. May 6/91

KQ-87

sample_n	fe2o3_pc	feo_pct_	mno_pct_	mgo_pct_	cao_pct_	na2o_pct	k2o_pct_	h2ot_pct	co2t_pct	p2o5_pct	S_pct_xr
879694	81B 1.9	8.5	0.18	3.29	12.37	3.7	0.05	3.7	9.4	0.25	0.36
879695	1.0	3.9	0.06	0.39	1.72	4.8	0.77	1.7	0.9	0.29	0.01
879696	83A 0.5	3.0	0.04	1.68	0.42	2.5	0.36	1.7	0.0	0.00	0.14
879698	83B 0.6	1.0	0.02	2.32	0.51	0.6	0.41	2.6	0.1	0.00	0.01
879699	83C 3.6	1.1	0.04	1.75	1.78	2.6	0.67	1.9	0.2	0.09	0.04
879700	84 0.4	4.7	0.07	2.91	1.31	0.8	3.85	3.1	4.1	0.16	0.08
879702	5.4	2.2	0.12	3.51	6.86	4.2	2.47	4.1	0.1	0.41	0.46
879703	85B 1.7	4.5	0.12	3.91	14.18	4.4	0.73	3.3	5.9	0.29	0.04
879704	85C 1.5	3.6	0.11	3.17	6.76	5.7	2.50	2.3	1.7	0.42	0.04
879705	85D 2.4	4.7	0.14	3.73	7.57	5.3	1.44	3.2	1.3	0.39	0.05
879706	85E 1.6	5.9	0.13	4.05	9.55	4.8	0.94	3.4	4.0	0.42	0.02
879708	85F 1.9	6.4	0.16	7.64	7.73	3.1	1.62	4.4	1.5	0.53	0.00
879709	86 2.0	6.8	0.17	8.37	8.57	3.2	0.14	6.0	2.5	0.56	0.00
879710		2.3	0.12	0.87	20.67	1.9	1.79	1.8	17.9	0.08	0.30
879712	6.7		0.04	1.86	5.19	1.1	3.23		7.0	0.18	1.52
879713		1.7	0.06	0.48	23.17	3.2	1.28	1.1	18.5	0.30	0.07
879714	88A 0.9	3.1	0.06	2.02	2.20	3.2	2.93	2.9	0.6	0.17	0.01
879715	88B 1.5	5.6	0.15	2.31	3.70	3.6	1.15	3.3	1.7	0.22	0.07
879716	88C 2.2	4.1	0.14	2.30	5.61	2.6	4.91	2.5	0.2	0.27	0.00

sample_n	ba_ppm_x	be_ppm_x	co_ppm_x	cr_ppm_x	cu_ppm_x	la_ppm_x	nb_ppm_x	ni_ppm_x	rb_ppm_x	sr_ppm_x	v_ppm_xr
879694	257	0.9	38	49	63	13	0	40	0	270	300
879695	679	1.4	9	12	10	21	0	16	0	144	55
879696	487	1.2	5	11	12	29	0	5	0	170	8
879698	1674	1.6	6	8	4	37	0	1	0	167	8
879699	2902	1.8	16	18	26	35	0	3	26	330	75
879700	1259	2.7	13	40	36	45	0	17	82	132	78
879702	1747	1.4	36	70	85	25	0	67	38	751	200
879703	467	1.3	32	100	51	22	0	71	0	697	160
879704	1882	0.7	32	95	100	23	0	68	49	759	170
879705	884	1.3	31	110	73	28	0	80	8	633	190
879706	531						0		0	637	
879708	1224	1.5	42	190	60	32	0	130	22	695	220
879709	81	1.6	43	200	60	32	0	130	0	307	260
879710	645	1.0	17	70	22	22	0	26	85	354	54
879712	1135	1.4	18	51	42	21	0	22	71	218	120
879713	581	1.1	14	71	20	25	0	21	52	558	65
879714	1553	2.4	14	19	18	34	0	9	74	579	87
879715	753	1.7	26	28	25	30	0	18	47	479	200
879716	2723	1.6	24	19	62	32	0	7	105	1178	160

sample_n	y_ppm_xr	yb_ppm_x	zn_ppm_x	zr_ppm_x	f_ppm_dn	cl_ppm_d	s_total_
879694	7	2.5	120	94	3	< 10	37
879695	42	3.5	240	135	3	< 10	7
879696	74	4.5	110	296	2	< 10	128
879698	36	4.3	130	109	4	< 10	6
879699	83	9.4	130	150	6	< 10	48
879700	45	6.8	150	244	4	< 10	80
879702	0	1.8	82	91	5	< 10	488
879703	0	1.5	67	76	4	< 10	45
879704	0	1.9	61	102	4	< 10	59
879705	0	1.7	72	98	5	< 10	55
879706	0			98	5	< 10	21
879708	0	1.5	78	88	9	< 10	5
879709	0	1.3	75	61	9	< 10	6
879710	0	1.8	46	80	2	< 10	298
879712	8	2.4	77	109	6	10	1449
879713	4	2.1	44	121	3	< 10	94
879714	0	2.5	66	184	8	< 10	16
879715	2	2.0	86	125	8	< 10	98
879716	0	2.1	76	127	8	< 10	6

See Next Printout
for F, Cl & S.

sample_num	f_ppm_dn	cl_ppm_d	s_total_
879694	347.	-100.	3789.
879695	373.	-100.	73.
879696	263.	-100.	1280.
879698	400.	-100.	61.
879699	659.	-100.	485.
879700	437.	-100.	807.
879702	577.	-100.	4884.
879703	432.	-100.	453.
879704	482.	-100.	597.
879705	571.	-100.	551.
879706	578.	-100.	214.
879708	918.	-100.	53.
879709	913.	-100.	69.
879710	229.	-100.	2984.
879712	633.	107.	14493.
879713	385.	-100.	942.
879714	889.	-100.	165.
879715	882.	-100.	982.

sample_num	f_ppm_dn	cl_ppm_d	s_total_
879716	834.	-100.	65.

Note: "_" <=> "<"