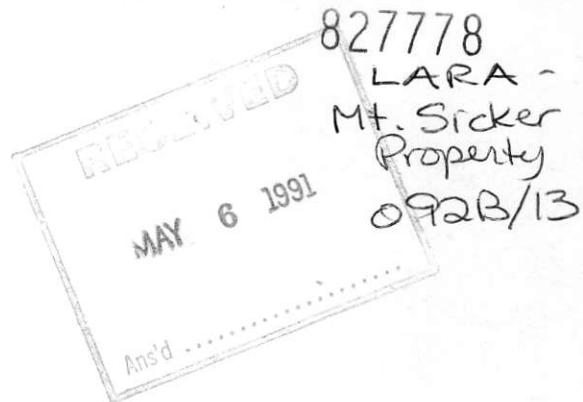




May 1, 1991

Gary Wells,  
MINNORA Inc,  
311 Water St.,  
Vancouver B.C.  
V6B 1B8



Dear Gary

Enclosed are complementary set of 1:50000 maps from the Sicker project - 'they've finally seen the light of day!' The papers should follow next year. Also enclosed is a set of whole rock analyses that were done by our lab on samples that I collected from Abernethy drill holes back in 1987, the data is not published yet but will form part of the data set accompanying the Duncan paper. However, you might find it useful now (or not as the case might be). ~~The~~ The samples were collected for petrological purposes rather than exploration lithochemistry. If it's useful and you'd like a digital version, I could supply it in dBase III+, Excel, ASCII or Lotus format. Thanks for all the help during the project.

Yours  
Nick Massey

Rock code

SAMPLE	CKCO	EASTING	NORTHING	SiO2	TiO2	Al2O3	Fe2O3	FeO	MNO	MGO	CAO	NA2O	K2O	P2O5	LOI	CO2	S	BA	SR	RB	LA	CE	NI	CR	V	CU	ZN
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LARA-118-27.22	QZXF	432882	5416471	78.97	0.17	13.23	1.78	1.07	0.00	0.22	0.20	0.20	3.15	0.02	2.38	0.21	0.97	1147	38	54	-15	-15	-3	-10	11	5	33
LARA-118-49.15	LAMTF	432882	5416471	69.42	0.29	14.66	2.49	0.29	0.11	1.66	2.73	0.45	2.77	0.05	5.30	3.35	0.28	978	66	54	-15	-15	-3	-10	32	9	42
LARA-118-71.10	QZXF	432882	5416471	69.45	0.25	13.55	2.91	1.81	0.09	1.32	3.63	0.68	2.57	0.04	6.00	4.05	0.14	1054	107	40	-15	16	-3	-10	32	21	31
LARA-118-80.90	CHTF	432882	5416471	47.98	0.61	13.61	8.39	6.83	0.25	3.54	9.08	0.70	2.03	0.26	12.89	11.10	0.55	787	157	30	19	17	13	-10	246	37	86
LARA-118-99.14	QZXF	432882	5416471	75.19	0.16	11.92	1.69	1.23	0.07	0.89	2.31	1.58	2.51	0.02	4.01	2.65	0.02	996	112	34	-15	-15	-3	-10	9	3	18
LARA-118-117.5	FQXF	432882	5416471	74.89	0.17	13.26	1.69	1.31	0.03	1.59	1.20	2.05	2.04	0.02	2.50	0.70	-0.01	1314	209	29	-15	-15	-3	-10	9	-2	32
LARA-118-128.1	FQXF	432882	5416471	74.63	0.17	12.87	2.57	1.47	0.02	2.25	1.40	1.44	2.16	0.02	2.51	0.28	-0.01	976	256	29	-15	20	-3	-10	12	3	34
LARA-118-135.1	QZXF	432882	5416471	75.05	0.16	12.56	1.80	0.93	0.05	0.63	2.56	0.87	3.40	0.02	3.25	1.68	0.01	1307	190	52	-15	16	-3	-10	10	-2	18
LARA-118-136.5	FQXF	432882	5416471	74.27	0.18	13.93	1.91	1.28	0.03	1.89	1.21	1.89	2.33	0.02	2.45	0.42	0.01	1165	242	41	-15	-15	-3	-10	11	-2	31
LARA-118-139.8	QZXF	432882	5416471	75.17	0.17	13.06	1.03	0.39	0.05	0.23	2.15	2.50	2.76	0.02	2.85	1.54	0.03	976	197	31	-15	-15	-3	-10	11	9	20
LARA-121-27.45	QZXF	433140	5416369	72.61	0.27	15.20	2.13	1.03	0.07	0.68	1.79	0.26	3.33	0.05	3.24	2.48	0.46	1063	55	62	-15	9	-3	-10	28	9	53
LARA-121-57.82	QZXF	433140	5416369	76.27	0.21	13.81	2.91	1.88	0.00	0.79	0.80	0.50	1.79	0.04	2.77	1.72	0.27	1333	48	28	-15	24	-3	-10	16	5	28
LARA-121-64.62	LAMTF	433140	5416369	70.23	0.25	13.71	2.79	1.04	0.10	1.48	3.16	0.43	2.60	0.05	5.11	0.28	0.94	1289	69	45	-15	23	-3	-10	31	19	31
LARA-121-93.70	QFXTF	433140	5416369	64.76	0.18	14.52	2.44	1.84	0.13	1.96	4.23	1.12	3.80	0.02	7.25	5.53	0.02	914	157	61	-15	27	-3	-10	12	10	35
LARA-121-104.9	QZXF	433140	5416369	64.38	0.25	19.27	2.39	1.21	0.03	1.84	1.43	1.69	5.14	0.03	3.53	0.64	-0.01	1464	162	86	15	24	-3	-10	14	-2	44
LARA-121-104.9	QZXF	433140	5416369	72.17	0.16	12.90	1.23	0.36	0.07	1.07	3.56	0.27	3.52	0.03	4.80	3.63	0.36	1105	135	57	-15	15	-3	-10	10	6	8
LARA-121-116.8	QZXF	433140	5416369	72.14	0.17	12.89	1.23	0.39	0.07	1.06	3.55	0.28	3.51	0.02	4.76	3.24	0.39	1105	132	61	-15	-15	-3	-10	9	5	7
LARA-121-122.0	FQXF	433140	5416369	74.86	0.18	13.80	1.84	1.16	0.03	1.66	1.96	2.40	0.79	0.02	2.21	0.28	-0.01	838	448	14	-15	18	3	-10	10	-2	31
LARA-127-26.93	QZXF	433131	5416493	68.02	0.21	11.95	3.18	1.28	0.23	2.37	3.82	0.11	2.96	0.04	5.44	4.06	1.21	1260	41	55	-15	-15	-3	-10	20	20	85
LARA-127-37.39	QZXF	433131	5416493	72.85	0.22	12.65	2.22	1.11	0.09	1.32	2.53	0.19	2.86	0.04	4.32	3.86	0.52	2595	45	51	-15	22	-3	-10	27	7	29
LARA-127-68.54	QZXF	433131	5416493	67.69	0.21	12.32	2.71	1.91	0.14	1.85	5.26	0.24	2.42	0.04	7.27	3.79	0.14	843	66	47	-15	18	-3	-10	22	8	34
LARA-127-79.03	QZXF	433131	5416493	67.52	0.25	13.23	3.04	1.87	0.10	1.74	4.89	0.38	2.29	0.05	6.20	2.96	0.33	894	81	41	-15	-15	-3	-10	22	7	58
LARA-127-98.43	QZXF	433131	5416493	73.02	0.17	13.37	1.55	0.96	0.08	1.13	2.51	0.24	3.21	0.02	4.80	2.34	0.15	914	50	55	-15	19	-3	-10	12	-2	18
LARA-127-130.5	LAMTF	433131	5416493	66.28	0.25	14.22	2.88	1.97	0.11	2.03	4.34	0.44	2.81	0.04	6.88	4.54	0.12	1089	72	46	-15	23	-3	-10	25	9	86
LARA-128-20.36	FXTF	433151	5416599	63.44	0.38	14.24	4.38	3.24	0.15	1.74	4.84	0.95	2.32	0.11	7.89	3.80	-0.01	820	98	34	-15	20	-3	-10	36	-2	42
LARA-128-58.13	QZXF	433151	5416599	77.58	0.15	13.48	3.39	1.71	0.01	0.48	0.06	0.27	2.56	0.02	2.33	0.83	0.66	1065	37	37	-15	-15	-3	-10	13	-2	29
LARA-128-80.00	QZXF	433151	5416599	68.74	0.27	14.04	3.15	2.11	0.10	1.71	3.24	0.31	2.89	0.05	5.64	2.21	0.16	1147	89	61	-15	21	-3	-10	30	4	46
LARA-128-97.53	QZXF	433151	5416599	73.79	0.26	13.67	2.48	0.74	0.06	0.95	1.55	0.24	3.02	0.04	3.10	1.38	0.90	1253	64	55	-15	-15	-3	-10	35	5	46
LARA-128-163.4	QZXF	433151	5416599	68.95	0.24	13.45	2.37	1.48	0.11	1.90	3.38	0.21	3.16	0.04	5.59	2.28	0.48	1227	47	51	-15	24	3	-10	26	7	50
LARA-128-181.7	QZXF	433151	5416599	70.84	0.23	13.84	2.06	0.76	0.09	0.82	3.50	0.27	3.24	0.04	4.40	2.69	0.55	996	67	63	-15	22	-3	-10	18	29	51
LARA-128-207.8	QZXF	433151	5416599	69.13	0.22	13.62	3.01	1.63	0.11	1.42	3.69	0.20	3.08	0.04	4.86	2.14	0.54	927	52	49	-15	20	-3	-10	20	16	134
LARA-128-216.6	ANDS	433151	5416599	43.05	0.60	12.52	8.82	7.49	0.18	7.80	12.07	-0.10	0.76	0.08	14.06	5.18	0.03	267	71	18	-15	-15	57	302	255	32	146
LARA-150-39.32	CHTF	433069	5416737	77.13	0.25	6.09	6.15	4.71	0.10	1.52	4.22	-0.10	0.87	0.15	3.89	1.66	0.24	942	17	10	-15	-15	15	26	89	47	45
LARA-150-73.83	LAMTF	433069	5416737	64.48	0.46	16.77	3.59	2.45	0.06	1.33	3.85	3.25	1.05	0.11	4.30	2.21	0.68	1142	268	10	-15	25	-3	-10	43	7	56
LARA-150-87.50	LAMTF	433069	5416737	69.22	0.38	13.74	3.31	1.61	0.10	0.54	4.14	2.85	0.97	0.08	3.69	2.21	0.70	477	189	15	-15	18	5	-10	30	4	23
LARA-194-151.3	FSPPP	433929	5416599	68.81	0.24	15.48	2.99	1.78	0.05	2.80	1.86	2.01	2.95	0.05	2.72	1.74	0.02	926	223	45	-15	27	-3	-10	20	3	48
LARA-194-170.6	RYLT	433929	5416599	72.53	0.18	12.71	2.34	1.61	0.05	0.87	2.05	0.92	6.34	0.03	2.37	1.38	0.67	968	106	54	-15	-15	-3	-10	15	6	44

## CHEMLARA.XLS

LARA-197-11.35	FXLTF	433895	5416537	52.01	0.63	15.40	9.51	6.00	0.25	4.55	8.57	2.44	0.39	0.16	6.48	3.30	0.10	65	229	-10	17	33	15	65	237	3	66
LARA-197-25.79	FXTF	433895	5416537	67.79	0.20	13.30	2.08	1.30	0.08	1.85	3.36	3.31	2.79	0.05	5.42	4.69	0.02	802	161	33	-15	-15	-3	-10	19	-2	42
LARA-197-43.00	QZXTF	433895	5416537	72.49	0.21	14.26	1.64	0.81	0.02	0.51	1.46	3.25	4.23	0.05	1.94	0.71	0.16	1054	90	36	-15	-15	-3	-10	19	3	23
LARA-197-56.38	QZXTF	433895	5416537	71.66	0.20	13.57	1.78	1.09	0.06	0.76	1.57	2.61	5.31	0.04	2.28	1.27	0.20	1433	159	43	-15	18	-3	-10	17	10	92
LARA-197-69.50	QFXTF	433895	5416537	65.85	0.32	14.95	3.20	1.63	0.04	1.66	2.74	1.55	3.92	0.05	4.85	3.38	0.54	2575	141	55	-15	17	5	-10	47	139	264
LARA-197-75.20	QFXTF	433895	5416537	61.47	0.19	12.64	3.42	2.64	0.06	2.57	5.73	1.51	3.00	0.04	9.30	7.73	0.10	697	274	39	-15	19	-3	-10	22	17	79
LARA-197-79.43	QFXTF	433895	5416537	67.59	0.22	14.49	4.02	2.64	0.10	3.24	2.27	1.63	2.69	0.04	3.79	0.98	0.04	709	130	44	-15	-15	3	-10	17	10	76
LARA-197-85.33	RYLT	433895	5416537	72.93	0.22	14.57	1.59	0.86	0.03	0.75	1.31	3.48	4.22	0.06	1.24	0.21	0.10	905	112	38	-15	16	-3	-10	14	3	16
LARA-197-90.20	FQXTF	433895	5416537	68.96	0.23	15.21	3.02	1.75	0.05	2.99	1.32	1.67	3.76	0.05	2.63	0.07	0.04	561	148	63	-15	26	-3	-10	19	-2	40
LARA-204-12.80	QFXTF	434020	5416771	62.80	0.37	15.80	4.66	2.81	0.08	3.56	2.17	2.43	2.94	0.06	5.06	2.50	-0.01	973	101	37	-15	22	3	-10	39	-2	57
LARA-204-24.80	QFXTF	434020	5416771	65.04	0.35	13.89	3.75	2.47	0.06	4.33	2.38	3.16	1.93	0.07	4.80	2.91	-0.01	577	136	30	-15	17	3	-10	60	4	122
LARA-204-34.50	QZXTF	434020	5416771	70.28	0.33	13.58	3.33	2.00	0.06	2.44	1.78	1.56	3.25	0.06	3.34	1.04	0.07	1180	104	36	-15	-15	4	-10	51	36	99
LARA-204-57.05	QZXTF	434020	5416771	72.96	0.23	13.82	1.98	1.06	0.03	1.87	1.00	2.14	3.10	0.04	2.43	0.41	0.19	1020	89	36	-15	-15	-3	-10	20	18	45
LARA-204-82.87	QZXTF	434020	5416771	73.84	0.24	13.91	2.21	0.80	0.06	2.27	0.44	-0.10	4.27	0.04	2.70	0.28	0.60	2481	25	52	-15	-15	-3	-10	26	7	68
LARA-204-247.6	TF	434020	5416771	55.13	0.60	15.75	9.07	5.95	0.28	6.61	4.62	3.76	0.63	0.10	3.05	0.28	0.15	269	129	-10	-15	15	31	97	243	48	144
LARA-204-290.5	QZXTF	434020	5416771	71.88	0.28	12.97	2.81	1.78	0.09	4.13	0.82	0.51	3.15	0.04	3.14	0.21	0.18	1506	24	39	-15	23	-3	-10	23	6	60
LARA-204-299.8	FQXTF	434020	5416771	53.49	0.60	15.63	8.66	6.25	0.33	7.59	3.06	2.51	1.09	0.10	5.84	0.48	0.35	493	98	19	-15	17	29	95	228	10	208
LARA-204-332.3	FXLTF	434020	5416771	52.93	0.57	15.10	9.34	5.78	0.28	6.69	5.43	2.42	0.69	0.09	6.24	1.80	0.04	222	104	-10	15	19	30	90	219	132	94
LARA-204-345.7	PXTF	434020	5416771	50.10	0.63	12.92	12.00	7.56	0.53	7.95	10.58	1.55	0.01	0.09	3.16	0.69	0.71	29	228	10	-15	17	54	287	305	170	141
LARA-121-84.20	MFDYK	433140	5416369	44.97	0.80	16.17	9.57	7.72	0.16	2.74	10.75	1.59	1.41	0.12	11.60	7.87	0.02	286	189	23	-15	-15	11	33	310	97	93
LARA-127-96.60	MFDYK	433131	5416493	52.47	1.04	14.75	11.61	9.21	0.18	3.07	6.77	0.00	1.43	0.49	7.97	2.96	0.25	634	52	27	33	53	-3	-10	6	17	338
LARA-127-115.1	MFDYK	433131	5416493	43.65	1.75	11.85	12.33	10.47	0.20	6.37	10.92	-0.10	0.19	0.13	12.35	4.48	0.02	78	43	-10	-15	29	81	202	352	168	143
LARA-150-61.34	MFDYK	433069	5416737	45.71	0.49	11.98	9.06	6.59	0.16	10.81	9.53	1.35	0.01	0.09	10.29	4.28	0.02	690	274	-10	-15	-15	210	791	212	57	45

SC	Y	ZR	NB
ppm	ppm	ppm	ppm
-5.0	19	107	6
6.0	18	129	6
6.0	16	109	-5
28.0	16	57	5
-5.0	20	100	5
-5.0	17	101	-5
-5.0	19	101	-5
-5.0	18	95	6
-5.0	19	112	6
0.0	16	98	5
4.0	20	134	8
-3.0	17	91	-5
5.0	17	113	-5
5.0	22	121	6
3.0	21	155	-5
4.0	19	109	9
4.0	20	109	7
-5.0	19	108	-5
6.0	16	104	7
5.0	19	111	5
7.0	15	109	6
7.0	19	112	5
3.0	18	105	-5
6.0	20	121	-5
10.0	27	112	-5
0.0	15	88	-5
6.0	18	123	7
5.0	18	113	-5
5.0	18	112	-5
5.0	21	135	9
5.0	20	122	-5
44.0	15	32	6
8.0	12	39	-5
10.0	28	135	6
8.0	26	116	8
3.0	18	124	7
3.0	16	97	-5

29.0	22	68	8
4.0	18	114	9
-3.0	17	109	-5
-3.0	15	101	-5
7.0	19	130	7
6.0	14	96	-5
-3.0	17	107	6
-3.0	19	110	6
3.0	18	121	10
8.0	27	149	6
8.0	29	134	10
8.0	24	122	6
-3.0	18	114	-5
-3.0	18	119	8
31.0	20	56	5
4.0	24	140	-5
27.0	18	59	9
25.0	18	54	-5
48.0	17	40	-5
32.0	21	47	-5
23.0	72	203	41
39.0	24	100	11
35.0	16	43	7

---