

MAP SHEET 2e

S.W corner coordinates (26.73, 0)

✓ under sample No. means  
trace element analysis done.

896362

B. RIPLEY  
MAY 15, 1978

HIGHLAND VALLEY GEOCHEMISTRY

GROVE ANALYSES

X, Y, Z COORDINATES

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT
	X (m)	Y (m)	Z (ft)	X (m)	Y (m)	Z (m)	LAB NUMBER
EG 2e 20	0.21	1.91	1850'	26.94	1.91	56.4	
EG 2e 18	3.00	1.96	1850'	29.73	1.96	56.4	
EG 2e 4	0.95	2.66	2500'	27.68	2.66	76.2	
EG 2e 19	2.70	2.00	1950'	29.43	2.00	59.4	
EG 2e 17	3.80	2.05	1910'	30.53	2.05	58.2	
EG 2e 15	7.24	2.90	2000'	33.97	2.90	61.0	
EG 2e 5	0.45	3.01	3000'	27.18	3.01	91.4	
EG 2e 6	1.13	3.91	3500'	27.86	3.91	106.7	
JN 2e 27	4.40	3.23	2200'	31.13	3.23	67.1	
EG 2e 13	5.30	3.59	2450'	32.05	3.59	74.7	
EG 2e 16	6.50	3.10	2100'	33.23	3.10	64.0	
EG 2e 14b	7.31	3.04	2300'	34.04	3.04	70.1	
EG 2e 14a	7.58	3.04	2060'	34.31	3.04	62.8	
JN 2e 2	7.75	3.37	2010'	34.48	3.37	61.3	
EG 2e 3	2.85	4.33	3130'	29.58	4.33	95.4	
JN 2e 19	4.62	4.96	2970'	31.35	4.96	90.5	15334 M
EG 2e 2	6.46	4.80	3300'	33.19	4.80	100.6	
EG 2e 7	0.98	5.11	4010'	27.71	5.11	122.2	
EG 2e 9	1.96	5.78	4040'	28.69	5.78	123.1	
JN 2e 21	4.00	5.90	3280'	30.73	5.90	100.0	
JN 2e 3	7.90	4.92	2140'	34.63	4.92	65.2	
EG 2e 8	1.10	6.80	4850'	27.83	6.80	147.8	
EG 2e 11	1.84	6.81	4980'	28.56	6.81	151.8	
EG 2e 12	2.26	6.62	4750'	28.99	6.62	144.8	
JN 2e 22	3.93	6.40	3980'	30.66	6.40	121.3	
JN 2e 20	5.21	6.14	3100'	31.94	6.14	94.5	
EG 2e 1	6.94	6.21	3070'	33.67	6.21	93.6	
JN 2e 4	8.14	6.15	2150'	34.87	6.15	65.5	
EG 2e 10	2.04	7.90	5600'	28.77	7.90	170.7	
JN 2e 26	5.08	7.85	4180'	31.81	7.85	127.4	
E.G	5.86	7.50	3580'	32.59	7.50	109.1	
BM 2e 4	0.70	8.62	4530'	27.43	8.62	138.1	
JN 2e 25	4.22	8.51	4790'	30.95	8.51	146.0	
BM 2e 3	0.73	9.79	4400'	27.46	9.79	134.1	
JN 2e 23	2.68	9.26	4940'	29.41	9.26	150.6	



MAP SHEET 3h

S.W. Corner Coordinates (17.82, 0)

HIGHLAND VALLEY GEOCHEM CONT.

B. RIPLEY  
MAY 15, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ft</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	LAB NUMBER
EG 3h 1	7.95	2.39	1900'	25.77	2.39	579.	
EG 3h 2	7.83	2.40	1900'	25.65	2.40	579.	
EG 3h 4	6.00	3.70	1700'	23.82	3.70	518.	
EG 3h 3	7.52	3.00	1820'	25.34	3.00	555.	
EG 3h 5	5.46	4.25	1720'	23.28	4.25	524.	
BM 3h 9	7.32	4.51	2710'	25.14	4.51	826.	
BM 3h 11	8.42	4.47	3500'	26.24	4.47	1067.	
EG 3h 6	5.30	5.50	1700'	23.12	5.50	518.	
BM 3h 10	8.58	5.39	3740'	26.40	5.39	1140.	
EG 3h 7	5.00	6.18	1620'	22.82	6.18	494.	
BM 3h 14	7.20	6.68	3130'	25.02	6.68	954.	
BM 3h 12	8.72	6.88	4040'	26.54	6.88	1231.	
EG 3h 9	3.50	8.94	1600'	21.32	8.94	488.	
EG 3h 8	4.31	8.13	1630'	22.13	8.13	497.	
BM 3h 15	6.89	8.30	3140'	24.71	8.30	957.	
BM 3h 13	8.33	8.53	4040'	26.15	8.53	1231.	
EG 3h 16	3.02	9.90	1630'	20.84	9.90	497.	
BM 3h 8	8.80	9.64	4330'	26.62	9.64	1320.	
BM 3h 7	8.50	9.89	4350'	26.32	9.89	1326.	
EG 3h 11a	2.71	11.14	1590'	20.53	11.14	485.	
EG 3h 11b	2.71	11.14	1590'	20.53	11.14	485.	
EG 3h 12	2.47	11.93	1600'	20.29	11.93	488.	
BM 3h 6	8.01	11.31	4230'	25.83	11.31	1289.	
BM 3h 5	7.64	12.52	4310'	25.51	12.52	1314.	
BM 3h 1	2.49	13.50	2050'	20.31	13.50	625.	
BM 3h 2	3.41	13.31	2730'	21.23	13.31	832.	
BM 3h 3	5.32	13.33	3220'	23.14	13.33	981.	
BM 3h 4	6.33	13.27	3470'	24.15	13.27	1058.	
							28 TRACE ELEMENT MISSING
							28 MAJOR ELEMENT MISSING

MAP SHEET 6-a  
 S.W. Corner Coordinates (17.82, 13.93)

HIGHLAND VALLEY GEOCHEM CONT,

B. RIPLEY  
 MAY 15, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT LAB NUMBER
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>feet</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BM 6a 12	4.49	0.28	3000'	22.31	14.21	914	
BM 6a 20	8.73	0.51	4750'	26.55	14.44	1448	
BM 6a 21	8.73	0.51	4750'	26.55	14.44	1448	
BM 6a 13	4.19	1.52	3880'	22.01	15.45	1183	
BM 6a 14	5.32	2.79	4700'	23.14	16.72	1433	
BM 6a 19	8.23	2.10	4740'	26.05	16.03	1445	15124 M
BM 6a 15	6.31	3.83	4670'	24.13	17.76	1423	
BM 6a 16	7.87	3.96	4740'	25.69	17.89	1445	15130 M
BM 6a 17	8.00	3.95	4740'	25.82	17.88	1445	15178 M
JN 6a 16	3.61	4.23	3240'	21.43	18.16	988	15332 M
JN 6a 14	4.21	4.15	4180'	22.03	18.08	1274	
JN 6a 15	4.21	4.15	4180'	22.03	18.08	1274	15147 M
BM 6a 18	8.64	4.60	4700'	26.46	18.53	1433	
BM 6a 1	2.92	5.42	2540'	20.74	19.35	774	
BM 6a 2	5.21	5.32	3140'	23.03	19.25	957	
JN 6a 2	6.02	5.65	3520'	23.84	19.58	1073	
JN 6a 4	1.76	6.79	3200'	19.58	20.72	975	15152 M
BM 6a 4	4.26	6.09	3180'	22.08	20.02	969	
BM 6a 3	4.38	6.04	3080'	22.20	19.97	939	
JN 6a 1	6.39	6.80	3200'	24.21	20.73	975	
JN 6a 12	8.35	6.96	4150'	26.17	20.89	1265	
JN 6a 3	0.78	7.15	2650'	18.60	21.08	808	
BM 6a 10	2.27	7.64	4240'	20.09	21.57	1292	
BM 6a 11	2.27	7.64	4240'	20.09	21.57	1292	
BM 6a 5	2.86	7.84	4740'	20.68	21.77	1445	
JN 6a 5	4.70	7.39	3650'	22.52	21.32	1113	
JN 6a 13	7.02	7.45	3380'	24.84	21.38	1030	
BM 6a 7	2.53	9.90	5230'	20.35	23.83	1594	15158 M
BM 6a 6	3.44	9.65	4890'	21.26	23.58	1490	15144 M
JN 6a 11	5.01	9.08	4510'	22.83	23.01	1375	
JN 6a 6	7.52	9.38	4500'	25.34	23.31	1372	15185 M
BM 6a 8	3.80	10.80	5040'	21.62	24.73	1536	
JN 6a 7	7.60	10.50	4800'	25.42	24.43	1463	
BM 6a 9	2.45	11.53	5930'	20.27	25.46	1807	
JN 6a 8	8.71	11.60	5210'	26.53	25.53	1588	15179 M
JN 6a 9	3.46	12.96	5330'	21.28	26.89	1625	15191 M
JN 6a 10	0.25	12.85	5140'	18.07	26.78	1567	

24 TRACE ELEMENT MISSING

26 MAJOR ELEMENT MISSING

MAP SHEET 6-6

S.W. Corner Coordinates (8.91, 13.93)

HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
MAY 15, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT LAB NUMBER
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ft</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BM 66 1	4.80	6.61	1480'	13.71	20.54	451.	
BM 66 2	5.91	6.51	1720'	14.82	20.44	524.	
JN 66 3	6.79	8.00	2330'	15.70	21.93	710.	
JN 66 2	7.43	7.42	1760'	16.34	21.35	536.	
JN 66 1	8.77	7.33	2010'	17.68	21.26	613.	
BM 66 3	7.53	8.31	2450'	16.44	21.46	747.	
BM 66 4	6.50	9.35	2910'	15.41	23.28	887.	
BM 66 7	4.30	10.82	3680'	13.21	24.76	1122.	
BM 66 6	5.70	10.13	3690'	14.61	24.06	1125.	
BM 66 5	7.36	10.54	2810'	16.27	24.47	856.	
BM 66 10	5.29	11.58	4130'	14.20	25.51	1259	
BM 66 9a	2.24	12.91	2610'	11.15	26.84	796	
BM 66 9b	2.24	12.91	2610'	11.15	26.84	796	
BM 66 13	6.08	12.94	4850'	14.99	26.87	1478	
BM 66 8	2.84	13.28	2800'	11.75	27.21	853	
BM 66 11	5.88	14.00	4800'	14.79	27.93	1463	
BM 66 12	5.69	14.99	4500'	14.60	28.92	1372	
				17 TRACE MISSING			
				17 MAJOR MISSING			

MAP SHEET 6f

S.W. Corner Coordinates (0, 27.86)

HIGHLAND VALLEY GEOCHEM CONT.

B. RIPLEY  
MAY 16, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ft</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
EG 6f 1	7.92	10.86	2270	7.92	38.72	629	
EG 6f 2	6.69	12.82	1010	6.69	40.68	308	
EG 6f 3	6.88	12.84	1100	6.88	40.70	335	15331 M 15326 M
EG 6f 4	6.99	13.84	1150	6.99	41.70	351	15327 M
EG 6f 5	6.99	13.84	1150	6.99	41.70	351	15328 M
EG 6f 6	7.90	13.90	1820	7.90	41.76	555	15329 M
EG 6f 7	7.42	14.16	1330	7.42	42.02	405	15330 M
				2	Trace	Missing	
				2	MATOR	MISSING	

MAP SHEET 6g

S.W. Corner Coordinates (8.91, 27.86)

HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
MAY 16, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT LAB NUMBER
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ft</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BM 6g 23	4.41	0.35	4620	13.32	28.21	1408	
BM 6g 14	5.98	1.82	4840	14.89	29.68	1475	
BM 6g 12	8.02	1.79	5420	16.93	29.65	1652	
BM 6g 15	5.22	2.66	4680	14.13	30.52	1426	
BM 6g 19	2.57	3.94	4870	11.48	31.80	1484	
BM 6g 18	3.43	3.82	4860	12.34	31.68	1481	
BM 6g 16	5.58	3.30	4750	14.49	31.16	1448	
BM 6g 13	7.88	3.80	5490	16.79	31.66	1673	
BM 6g 20	3.23	4.66	4730	12.14	32.52	1442	15269 M
BM 6g 17	4.34	4.08	4720	13.25	31.94	1439	
BM 6g 22	0.82	5.26	4050	9.73	33.12	1234	
BM 6g 21	2.99	5.94	3900	11.90	33.80	1189	
BM 6g 3	6.32	5.31	5030	15.23	33.17	1533	
BM 6g 4	6.67	5.82	5180	15.58	33.68	1579	
BM 6g 5	7.45	5.08	5290	16.36	32.94	1612	
BR 6g 94	8.42	5.78	5460	17.33	33.64	1664	
BM 6g 11	4.86	7.28	4880	13.77	35.14	1487	
BM 6g 10	6.01	7.54	4930	14.92	35.40	1503	
BM 6g 8	6.22	8.88	5180	15.13	36.74	1579	
BM 6g 9	7.41	8.60	5270	16.32	36.46	1606	
JN 6g 9	1.95	9.35	3470	10.86	37.21	1058	
JN 6g 8	2.71	9.66	4280	11.62	37.52	1305	
BM 6g 7	5.32	9.10	5040	14.23	36.96	1536	
JN 6g 7	2.32	10.61	4010	11.23	38.47	1222	
BM 6g 6	4.48	10.11	4950	13.39	37.97	1509	
JN 6g 6	2.55	11.76	4010	11.46	39.62	1222	
JN 6g 4	3.97	11.34	4750	12.88	39.20	1448	
BM 6g 1	8.02	11.05	4810	16.93	38.91	1466	15299 M
JN 6g 5	2.86	12.65	4250	11.77	40.51	1295	
JN 6g 3	3.99	12.11	4610	12.90	39.97	1405	
JN 6g 2	6.52	12.52	4830	15.43	40.38	1472	15316 M
BM 6g 2	8.10	12.16	5050	17.01	40.02	1539	
JN 6g 1	5.66	13.42	4650	14.57	41.28	1417	15292 M
				1 TRACE MISSING			
				29 MAJOR MISSING			

MAP SHEET 6-h

S.W. Corner Coordinates (17.82, 27.86)

HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
MAY 16, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>feet</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	LAB NUMBER
BR 6h 107	1.06	0.47	5750'	18.88	28.33	1753	
BR 6h 106	2.00	0.58	5100'	19.82	28.44	1554	
JN 6h 6	0.67	1.32	5050'	18.49	29.18	1539	15156 M
JN 6h 5	7.87	1.16	5280'	25.69	29.02	1609	
BR 6h 105	1.50	2.30	5210'	19.32	30.16	1588	
BR 6h 112	3.99	2.84	5200'	21.81	30.70	1585	
JN 6h 4	7.34	2.07	5280'	25.16	29.93	1609	
JN 6h 3	7.78	2.80	5420'	25.60	30.66	1652	
BR 6h 111	8.10	2.22	5350'	25.92	30.08	1631	
JN 6h 1	0.45	3.89	5200'	18.27	31.75	1585	15277 M
JN 6h 2	1.60	3.81	5200'	19.42	31.67	1585	
BR 6h 113	4.63	3.05	5240'	22.45	30.91	1597	
BR 6h 109	7.02	3.29	5380'	24.84	31.15	1640	
BR 6h 101	0.90	4.86	5300'	18.72	32.72	1615	
BR 6h 126	6.87	4.88	5350'	24.64	32.74	1631	
BR 6h 98	1.72	5.13	5370'	19.54	32.99	1637	
BR 6h 102	3.28	5.25	5400'	21.10	33.11	1646	
BR 6h 108	4.93	5.24	5350'	22.75	33.10	1631	
BR 6h 93	0.86	6.13	5370'	18.68	33.99	1637	
BR 6h 95	1.42	6.13	5480'	19.24	33.99	1670	
BR 6h 96	3.23	6.30	5600'	21.05	34.16	1707	
BR 6h 114	5.15	6.42	5550'	22.97	34.28	1692	
BR 6h 91	0.96	8.50	5550'	18.78	36.36	1692	
BR 6h 92	1.61	8.30	5550'	19.43	36.16	1692	
BM 6h 2	1.63	8.86	5370'	19.45	36.72	1637	
BR 6h 103	4.03	8.12	5350'	21.85	35.98	1631	
BR 6h 104	4.51	8.02	5340'	22.33	35.88	1628	
BR 6h 115	6.57	8.70	5000'	24.39	36.56	1524	
BR 6h 116	7.03	8.40	5170'	24.85	36.26	1576	
BR 6h 70	1.06	9.34	5370'	18.88	37.20	1637	
BR 6h 122	4.04	9.30	5510'	21.86	37.16	1679	
BR 6h 123	4.64	9.88	5400'	22.46	37.74	1646	
BR 6h 118	7.87	9.33	4900'	25.69	37.19	1494	
BR 6h 125	3.59	10.59	5550	21.41	38.45	1692	
BR 6h 124	4.42	10.55	5340	22.24	38.41	1628	
BR 6h 119	7.77	10.36	4430	25.59	38.22	1350	







MAP SHEET 7-d  
 S.W. Corner Coordinates (26.73, 13.93)

HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
 MAY 15 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT LAB NUMBER
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>feet</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BM 7d 3	0.60	0.04	4710'	27.33	13.97	1436	
JN 7d 6	4.42	0.63	5760'	31.15	14.56	1756	
BM 7d 5	0.90	1.38	5020'	27.63	15.31	1530	
BM 7d 4	1.91	1.45	4775'	28.64	15.38	1455	
JN 7d 5	5.24	1.75	4350'	31.97	15.68	1324	15126 M
BL 7d 2	7.41	2.28	4100'	34.14	16.21	1250	
BM 7d 2	0.07	3.69	4920'	26.80	17.62	1500	15151 M
BL 7d 3	6.44	3.49	4350'	33.17	17.42	1326	15127 M
BL 7d 1	7.40	3.10	4120'	34.13	17.03	1256	
BM 7d 1	0.86	4.68	4830'	27.59	18.61	1472	15187 M
BL 7d 5	2.55	4.05	4680'	29.28	17.98	1426	
BL 7d 4	4.00	4.10	4480'	30.73	18.03	1366	15181 M 15183 M
EG 7d 3	4.12	4.88	4480'	30.85	18.81	1366	
JN 7d 7	5.49	4.58	4460'	32.22	18.51	1359	15335 M
EG 7d 4	1.95	5.03	4570'	28.68	18.96	1393	
EG 7d 1	4.87	5.42	4400'	31.60	19.35	1341	
JN 7d 8	0.73	6.87	4150'	27.46	20.80	1265	15159
BL 7d 7	4.90	6.00	4430'	31.63	19.93	1350	15150 M
EG 7d 2	6.20	6.00	4640'	32.93	19.93	1414	
BL 7d 6	2.21	7.17	4570'	28.94	21.10	1393	15146 M
JN 7d 13	7.05	7.33	4700'	33.78	21.26	1433	15123 M
JN 7d 14	7.90	7.20	4680'	34.63	21.13	1426	
EG 7d 6	8.82	8.50	4210'	35.55	22.43	1283	
JN 7d 1	6.22	9.43	4400'	32.95	23.36	1341	
JN 7d 17	8.18	9.28	4350'	34.91	23.21	1326	
JN 7d 18	8.18	9.28	4350'	34.91	23.21	1326	
BL 7d 13	1.06	10.86	4910'	27.79	24.79	1497	15177 M
BL 7d 14	2.47	10.17	4680'	29.20	24.10	1426	
BL 7d 15	2.47	10.17	4680'	29.20	24.10	1426	15149 M
JN 7d 3	6.59	10.49	4500'	33.32	24.42	1372	
BL 7d 11	1.61	11.84	4980'	28.34	25.77	1518	15148 M
BL 7d 12	1.72	11.65	4930'	28.45	25.58	1503	
JN 7d 10	4.10	11.30	4770'	30.83	25.23	1454	15157 M
JN 7d 15	5.97	11.33	4850'	32.70	25.26	1478	15154 M
JN 7d 19	8.37	11.20	4710'	35.10	25.13	1436	15184 M 15125 M
BL 7d 9	1.54	12.54	4840'	28.27	26.47	1475	15128 M
JN 7d 9	4.48	10.15	4580'	31.21	24.08	1396	15145



MAP SHEET 7e

S.W. Corner Coordinates (26.73, 27.86)

HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
MAY 17, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ft</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	LAB NUMBER
JN 7e 1	0.27	0.89	5300'	27.00	28.75	1615	15186 M
BM 7e 3	2.81	0.91	5250'	29.54	28.77	1600	
BM 7e 4	2.84	0.71	5250'	29.57	28.57	1600	
BM 7e 2	3.87	0.97	4840'	30.60	28.83	1475	
BM 7e 1	4.72	0.10	5010'	31.45	27.96	1527	
BR 7e 81	2.70	2.17	5360'	29.43	30.03	1634	
BR 7e 82	4.88	2.77	5000'	31.61	30.63	1524	
BR 7e 80	4.88	2.08	5010'	31.61	29.94	1527	11740
BR 7e 77	7.32	2.26	4700'	34.05	30.12	1433	
BR 7e 78	8.81	2.75	4500'	35.54	30.61	1372	
BL 7e 2	0.80	3.60	5470'	27.53	31.46	1667	
BL 7e 3	2.60	3.19	5300'	29.33	31.05	1615	
BL 7e 1	3.48	3.58	5060'	30.21	31.44	1542	
BR 7e 73	6.58	3.61	4830'	33.31	31.47	1472	
BR 7e 80	3.78	4.40	5230'	30.51	32.26	1594	
BR 7e 75	5.37	4.47	4950'	32.10	32.33	1509	
BR 7e 79	7.70	4.50	5000'	34.43	32.36	1524	
BR 7e 84	0.91	5.33	5750'	27.64	33.19	1753	
BR 7e 60	2.68	5.11	4850'	29.41	32.97	1478	
BR 7e 76	4.83	5.62	5060'	31.56	33.48	1542	
BR 7e 74	6.49	5.34	4820'	33.22	33.20	1469	
BR 7e 69	1.11	6.70	5320'	27.84	34.56	1622	
BR 7e 58	2.70	6.28	5250'	29.43	34.14	1600	
BR 7e 63	7.29	6.72	4630'	34.02	34.58	1411	
BR 7e 72	8.00	6.30	4840'	34.73	34.16	1384	
BR 7e 57	3.87	7.88	4790'	30.60	35.74	1460	
BR 7e 62	5.76	7.60	4770'	32.49	35.46	1454	
BR 7e 61	6.19	7.60	4780'	32.92	35.46	1457	
BR 7e 55	1.35	8.76	4830'	28.08	36.62	1472	
BR 7e 56	1.92	8.09	5120'	28.65	35.95	1561	
BR 7e 67	6.45	8.50	4200'	33.18	36.36	1280	
BR 7e 66	8.51	8.31	4400'	35.24	36.17	1341	
BR 7e 51	2.89	11.59	4240'	29.62	39.45	1292	
BR 7e 50	3.29	11.58	4350'	30.02	39.44	1326	
BR 7e 68	6.47	11.56	4420'	33.20	39.42	1347	



MAP SHEET 7f

S.W. Corner Coordinates (35.64, 27.96)

HIGHLAND VALLEY GEOCHEM CONT

B. RIPLEY  
MAY 17, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			
	X <sub>m</sub>	Y <sub>m</sub>	Z	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ca</sub>	
JN 7f 1 ✓	0.35	0.38	4430	35.99	28.24	1350	
BM 7f 1	2.81	0.10	4250	38.45	27.96	1295	
BM 7f 4	4.18	0.71	3450	39.82	28.57	1052	
BM 7f 2	2.91	1.55	4200	38.55	29.41	1280	
JN 7f 2	0.80	2.12	4500	36.44	29.98	1372	
BM 7f 3	3.72	2.08	3500	39.36	29.94	1067	
BR 7f 71 ✓	1.18	4.78	4300	36.82	32.64	1311	
BR 7f 70	2.45	4.89	4150	38.09	32.75	1265	
EG 7f 2	3.75	4.50	3340	39.39	32.36	1018	
BR 7f 69 ✓	0.87	6.69	4500	36.51	34.55	1372	
EG 7f 3	3.00	6.11	3320	38.64	33.97	1012	
EG 7f 4 ✓	0.45	7.35	4500	36.09	35.21	1372	15271 M
EG 7f 1 ✓	0.81	13.06	3780	36.45	40.92	1152	15273 M

8 MISSING TRACE

11 MISSING MAJOR

MAP SHEET 10d

S.W. Corner Coordinates (26.73, 41.79)

HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
MAY 17, 1970

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			REMARKS.
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>feet</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BR 10d 34	2.74	0.43	4850	29.47	42.22	1478	
BR 10d 31	4.93	0.61	4500	31.66	42.40	1372	
B.R 10d 28	7.48	0.32	4250	34.21	42.11	1295	
BR 10d 27	7.49	0.91	4220	34.22	42.70	1286	
BR 10d 33	2.12	1.42	4850	28.85	43.21	1478	
BR 10d 32	3.43	1.10	4750	30.16	42.89	1448	
BR 10d 30	4.85	1.97	4720	31.58	43.76	1439	
BR 10d 35	7.88	1.32	4200	34.61	43.11	1280	
BR 10d 29	4.99	2.58	4650	31.72	44.37	1417	
EG 10d 1	7.96	2.64	3980	34.69	44.43	1213	
BM 10d 3	0.87	3.67	5050	27.60	45.46	1539	
BR 10d 20	2.93	3.46	4850	29.66	45.25	1478	
BR 10d 21	3.29	3.67	4700	30.02	45.46	1433	
BR 10d 36	7.42	3.91	4010	34.15	45.70	1222	
BR 10d 23	4.89	4.68	4560	31.62	46.47	1390	
BR 10d 19	0.79	5.11	5460	27.52	46.90	1664	
BR 10d 18	2.20	5.05	5020	28.93	46.84	1530	
BR 10d 17	3.39	5.60	4850	30.12	47.39	1478	
BR 10d 22	3.59	5.02	4860	30.32	46.81	1481	
BR 10d 24	4.88	5.73	4580	31.61	47.52	1396	
BR 10d 25	6.51	5.65	4100	33.24	47.44	1250	
BR 10d 26	6.79	5.07	4160	33.52	46.86	1268	
BM 10d 2	0.57	6.50	5450	27.30	48.29	1661	
BR 10d 49	0.42	6.92	5350	27.15	48.71	1631	
BM 10d 1	2.52	6.80	5560	29.25	48.59	1695	
BR 10d 47	2.58	7.80	5200	29.31	49.59	1585	
BR 10d 39	4.97	7.72	4460	31.70	49.51	1359	
BR 10d 46	2.63	8.08	5080	29.36	49.87	1548	
BR 10d 38	3.95	9.00	4550	30.68	50.79	1387	
BR 10d 43	6.23	8.19	4010	32.96	49.98	1222	
BR 10d 41	5.69	9.06	4050	32.42	50.85	1234	
BR 10d 40	6.29	9.31	3950	33.02	51.10	1204	
BR 10d 48	4.01	10.17	4350	30.74	51.96	1326	
BR 10d 42	5.61	10.21	4050	32.34	52.00	1234	
BR 10d 44	6.81	10.39	3800	33.54	52.18	1158	

1 MISSING TRACE

35 MISSING MAJOR



MAP SHEET 11a

S-W. Corner Coordinates (17.82, 41.79)

## HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
MAY 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ft</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	LAB NUMBER
EG 11a 2	0.71	0.85	5010	18.53	42.64	1527	
EG 11a 3	0.68	0.09	4940	18.50	41.88	1506	
EG 11a 1	2.59	0.28	4650	20.41	42.07	1417	
EG 11a 5	1.72	1.57	4840	19.54	43.36	1475	
BR 11a 5	5.55	1.99	4430	23.37	43.78	1350	
EG 11a 18	5.72	1.80	4450	23.54	43.59	1356	15114 M
EG 11a 19	6.27	1.27	4530	24.09	43.06	1381	15263 M
EG 11a 6	6.81	1.87	4810	24.63	43.66	1466	
BM 11a 7	7.57	1.26	4750	25.39	43.05	1448	
JN 11a 1	0.06	2.38	4800	17.88	44.17	1463	
JN 11a 2	0.13	2.81	4800	17.95	44.60	1463	15115 M
EG 11a 4	0.88	2.02	4710	18.70	43.81	1436	
JN 11a 5	3.12	2.24	4180	20.94	44.03	1274	15113 M 15321 M
JN 11a 6	3.21	2.55	4100	21.03	44.34	1250	15320 M
EG 11a 9	5.64	2.59	4770	23.46	44.38	1454	
EG 11a 8	6.00	2.35	4920	23.82	44.14	1500	
EG 11a 11	7.80	2.80	5150	25.62	44.59	1570	
JN 11a 4	1.48	3.79	4140	19.30	45.58	1262	15322 M
EG 11a 7	6.14	3.60	5030	23.96	45.39	1533	
JN 11a 3	0.33	1.18	4420	18.15	42.97	1347	15307 M
BR 11a 6	3.93	4.40	4420	21.75	46.19	1347	
BR 11a 17	4.85	4.30	4910	22.67	46.09	1497	
BR 11a 3	1.01	5.09	3870	18.83	46.88	1180	
EG 11a 17	4.22	5.10	4730	22.04	46.89	1442	15290 M 15285 M
JN 11a 7	6.11	5.08	5400	23.93	46.87	1646	15118 M
BM 11a 6	8.05	5.10	5280	25.87	46.89	1609	
EG 11a 16	8.62	5.67	5720	26.34	47.46	1743	
BM 11a 4	2.25	6.73	5150	20.07	48.52	1570	
BM 11a 1	3.40	6.40	4850	21.22	48.19	1478	15268 M
BM 11a 3	4.32	6.22	5000	22.14	48.01	1524	15120 M
EG 11a 14	6.31	6.54	5040	24.13	48.33	1536	
EG 11a 13	8.00	6.80	5970	25.82	48.59	1820	
BM 11a 5	0.93	7.40	4620	18.75	49.19	1408	15314 M 15270 M
BM 11a 2	4.61	7.30	5730	22.43	49.09	1747	15274 M
EG 11a 15	8.49	7.30	5820	24.31	49.09	1774	

HIGHLAND VALLEY GEOCHEM CONT.

B. RIPLEY  
MAY 17, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>#</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BR 11a 15 ✓	2.08	8.05	5080	19.90	49.84	1548	
BR 11a 8 ✓	3.00	8.20	5200	20.82	49.99	1585	
JN 11a 8 ✓	0.68	9.35	5020	18.50	51.14	1530	15303 M
BR 11a 16 ✓	2.45	9.55	5490	20.27	51.34	1673	
BR 11a 7 ✓	3.16	9.25	5550	20.98	51.04	1692	
BR 11a 10 ✓	1.00	10.44	5350	18.82	52.23	1631	
BR 11a 9 ✓	1.52	10.20	5450	19.34	51.99	1661	
BR 11a 13 ✓	0.84	11.88	5350	18.66	53.67	1631	
BR 11a 11 ✓	1.55	12.61	5500	19.37	54.40	1676	
				1 MISSING TRACE			
				30 MISSING MAJOR			

## HIGHLAND VALLEY GEOCHEM CONT.

B. RIPLEY  
MAY 17, 1976

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			REMARKS
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>#</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BM 116 11	8.12	0.50	5096	17.03	42.29	1551	
BM 116 4	0.76	1.39	2680	9.67	43.18	817	15324 M
BM 116 3	1.37	1.95	3210	10.28	43.74	978	
JN 116 29	3.84	1.90	4260	12.75	43.69	1298	
JN 116 8	5.15	1.30	4560	14.06	43.09	1390	15308 M
JN 116 9	5.85	1.82	4420	14.76	43.61	1347	
BM 116 10	7.63	1.02	4770	16.54	42.81	1454	15295 M
BM 116 9	8.20	2.76	4830	17.11	44.55	1472	15306 M
BM 116 7	0.66	3.22	3400	9.57	45.01	1036	15278 M
BM 116 2	2.41	3.16	3650	11.32	44.95	1113	
BM 116 1	2.73	3.46	3730	11.64	45.25	1137	15291 M
JN 116 7	5.30	3.21	4320	14.21	45.00	1317	15288 M
BM 116 12	5.78	3.47	4420	14.69	45.26	1347	15121 M
BM 116 6	0.26	4.46	3750	9.17	46.25	1143	15315 M
BM 116 5	1.09	4.57	3650	10.00	46.36	1113	
JN 116 3	5.00	4.65	3980	13.91	46.44	1213	
JN 116 2	6.04	4.98	4290	14.95	46.77	1308	15116 M
JN 116 1	7.85	4.94	4290	16.76	46.73	1308	15325 M
BM 116 8	0.56	6.00	3070	9.47	47.79	936	
EG 116 2	8.79	5.71	3800	17.70	47.50	1158	15301 M
JN 116 21	2.02	6.99	3860	10.93	48.78	1177	15298 M
JN 116 6	2.89	6.45	3960	11.80	48.24	1207	15312 M
BM 116 18	7.05	6.11	3750	15.96	47.90	1143	
JN 116 5	2.91	7.11	4100	11.82	48.90	1250	15265 M
BR 116 12	8.20	7.47	4200	17.11	49.26	1280	
JN 116 22	0.60	8.70	3830	9.51	50.49	1167	15309 M
JN 116 23	3.83	8.52	4600	12.74	50.31	1402	15272 M
JN 116 15	4.51	8.11	4530	13.42	49.90	1381	15319 M
JN 116 24	4.96	8.66	4610	13.87	50.45	1405	15310 M
JN 116 4	1.39	9.16	4210	10.30	50.95	1283	15287 M
JN 116 16	8.61	9.49	4780	17.52	51.28	1457	
JN 116 10	0.67	10.90	4080	9.58	52.69	1244	15302 M
BM 116 13	4.60	10.96	4950	13.51	52.75	1509	
JN 116 14	0.67	11.74	4250	9.58	53.53	1295	15313 M 15305 M
JN 116 11	1.18	11.13	4180	10.09	52.92	1274	15317 M

HIGHLAND VALLEY GEOCHEM CONT.

B. RIPLEY  
MAY 17, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CALCULATED COORDINATES			REMARKS
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>ft</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
BM 116 14 ✓	3.12	11.85	5050	12.03	53.64	1539	
BM 116 15 ✓	3.42	11.32	5100	12.33	53.11	1554	° 15117 M
JN 116 20 ✓	5.05	11.74	5130	13.96	53.53	1564	15294 M
JN 116 17 ✓	5.90	11.72	5280	14.81	53.51	1609	15289 M
JN 116 25 ✓	6.39	11.04	5120	15.30	52.83	1561	15275 M
JN 116 28 ✓	7.64	11.12	5280	16.55	52.91	1609	15293 M
JN 116 13 ✓	1.60	12.89	4500	10.51	54.68	1372	° 15266 M
JN 116 26 ✓	7.94	12.80	5550	16.85	54.59	1692	
JN 116 12 ✓	0.40	13.60	3650	9.31	55.39	1113	° 15119 M
BM 116 16 ✓	2.32	13.09	5100	11.23	54.88	1554	
BM 116 17 ✓	2.63	13.13	5200	11.54	54.92	1585	° 15264 M
JN 116 19 ✓	5.20	13.27	5500	14.11	55.06	1676	° 15267 M
JN 116 18 ✓	5.58	13.29	5480	14.49	55.08	1670	15323 M
JN 116 27 ✓	7.78	13.48	5800	16.69	55.27	1768	15286 M

5 MISSING TRACE

16 MISSING MAJOR





MAP SHEET 11g  
 S.W. Corner Coordinates (8.91, 55.72)

HIGHLAND VALLEY GEOCHEM CONT.

B. RIPLEY  
 MAY 18, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES			MAJOR ELEMENT LAB NUMBER
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>feet</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>	
JN 11g 1	0.74	1.90	3340	9.65	57.62	1018	15279 M
BM 11g 12	1.63	1.10	3880	10.54	56.82	1183	
BM 11g 8	3.27	1.61	4530	12.18	57.33	1381	15153 M 15155 M
BM 11g 7	4.39	1.82	5200	13.30	57.54	1585	
BM 11g 4	6.19	1.91	5970	15.10	57.63	1820	
BM 11g 5	4.88	3.01	5790	13.79	58.73	1765	
BM 11g 3	5.78	3.08	5950	14.69	58.80	1814	
BM 11g 10	0.15	3.90	2520	9.06	59.62	768	
BM 11g 9	1.43	4.31	3530	10.34	60.03	1076	
BM 11g 6	3.31	4.09	4760	12.22	59.81	1451	15193 M
BM 11g 1	4.77	4.08	5270	13.68	59.80	1606	
BM 11g 2	5.08	4.80	5140	13.99	60.52	1567	
BM 11g 11	0.04	5.63	2410	8.95	61.35	735	
BM 11g 13	2.77	5.70	4120	11.68	61.42	1256	
BM 11g 14	1.10	6.10	2870	10.01	61.82	875	15182 M
JN 11g 8	0.36	7.36	2240	9.27	63.08	683	
JN 11g 6	2.34	7.63	3230	11.25	63.35	985	
JN 11g 22	4.07	7.91	3680	12.98	63.63	1122	15122 M
JN 11g 7	1.82	8.54	2750	10.73	64.26	838	
JN 11g 4	3.45	8.27	3310	12.36	63.99	1009	
JN 11g 20	0.26	9.08	2410	9.17	64.80	735	
JN 11g 18	2.24	9.78	2540	11.15	65.50	774	
JN 11g 3	4.17	9.36	3000	13.08	65.08	914	
JN 11g 21	5.64	9.49	3370	14.55	65.21	1027	15190 M 15194 M
JN 11g 19	0.35	9.99	2550	9.26	65.71	777	
JN 11g 2	3.75	10.18	3250	12.66	65.90	991	
JN 11g 9	4.61	10.70	3140	13.52	66.42	957	
JN 11g 10	5.31	11.44	3200	14.22	67.16	975	
JN 11g 11	5.72	11.09	3230	14.63	66.81	985	
JN 11g 12	7.10	11.16	3350	16.01	66.88	1021	15160 M
JN 11g 23	1.22	12.81	1750	10.13	68.53	533	
JN 11g 13	5.99	12.20	3550	14.90	67.92	1082	
JN 11g 14	7.73	12.45	2930	16.64	68.17	893	
JN 11g 17	4.82	13.50	2550	13.73	69.22	777	
JN 11g 16	6.11	13.81	2650	15.02	69.53	808	
JN 11g 15	7.53	12.95	2830	16.44	68.67	863	
JN 11g 5	2.96	7.65	3380	11.87	63.37	1030	

31 MISSING TRICE  
 30 MISSING MAJOR

MAP SHEET 11h

S. W. Corner Coordinates (17.82, 55.72)

HIGHLAND VALLEY GEOCHEM. CONT.

B. RIPLEY  
MAY 18, 1978

SAMPLE NUMBER	INITIAL COORDINATES			CORRECTED COORDINATES		
	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>feet</sub>	X <sub>m</sub>	Y <sub>m</sub>	Z <sub>m</sub>
JN 11h 1	2.24	1.10	5370	20.06	56.82	1637
JN 11h 2	2.61	1.95	4930	20.43	57.67	1503
EG 11h 2	3.82	4.42	4580	21.64	60.14	1396
EG 11h 1	3.23	6.49	4200	21.05	62.21	1280
JN 11h 4	4.08	7.91	4260	21.90	63.63	1298
JN 11h 3	4.72	7.50	4220	22.54	63.22	1286
JN 11h 5	3.66	8.88	4200	21.48	64.60	1280
JN 11h 10	0.79	10.99	3540	18.61	66.71	1079
BL 11h 1	1.30	10.40	3500	19.12	66.12	1067
JN 11h 6	4.15	10.32	3440	21.97	66.04	1049
JN 11h 7	5.57	9.98	3360	23.39	65.70	1024
JN 11h 8	6.50	10.00	3320	24.32	65.72	1012
BL 11h 2	0.66	11.40	3540	18.48	67.12	1079
JN 11h 9	2.51	11.37	3610	20.33	67.09	1100
BL 11h 4	3.55	12.02	3130	21.37	67.74	954
BL 11h 5	4.71	11.64	3070	22.53	67.36	936
BL 11h 10	0.27	13.82	2850	18.09	69.54	869
BL 11h 3	1.90	13.20	3060	19.72	68.92	933
BL 11h 6	3.20	13.96	2950	21.02	69.68	899
BL 11h 7	5.25	13.75	2320	23.07	69.47	707
BL 11h 8	3.21	14.85	2420	21.03	70.57	738
BL 11h 9	2.51	15.72	2220	20.33	71.44	677
				20	MISSING TRACE	
				22	MISSING MAJOR	