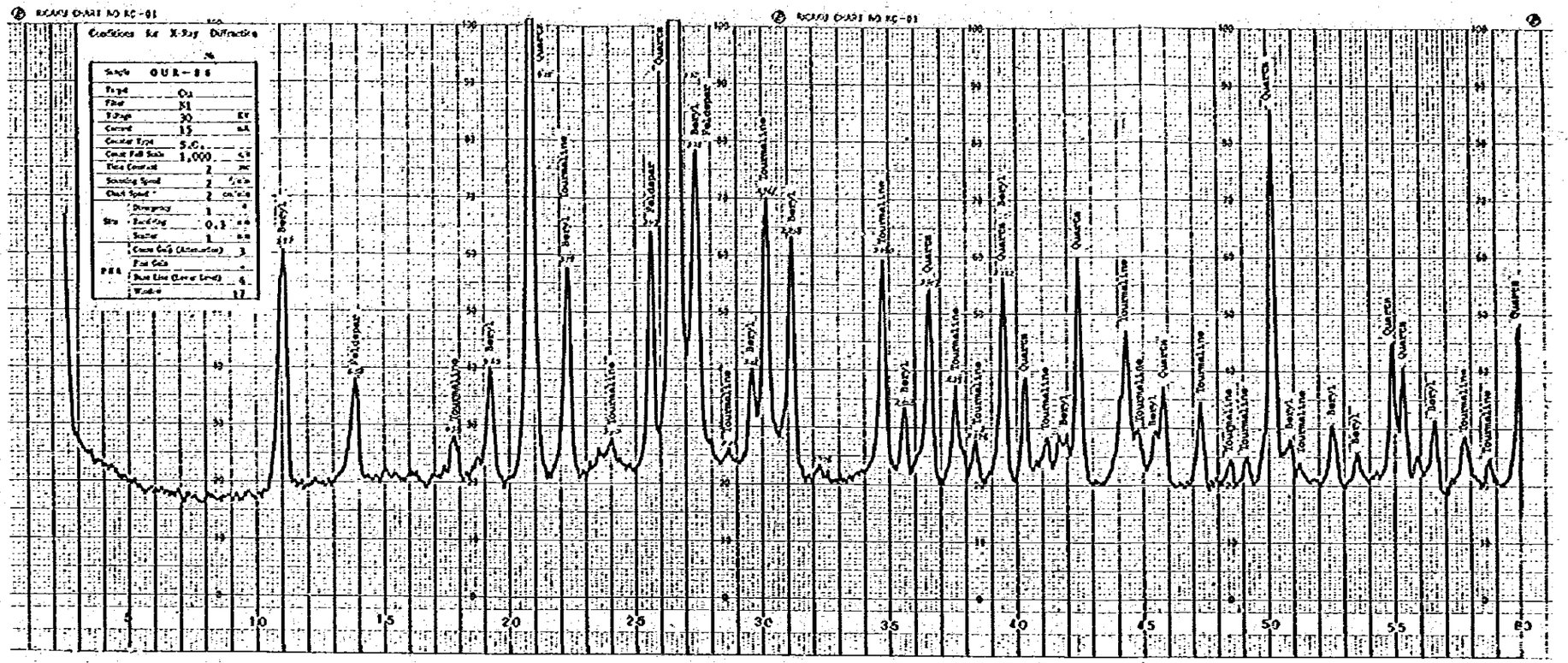
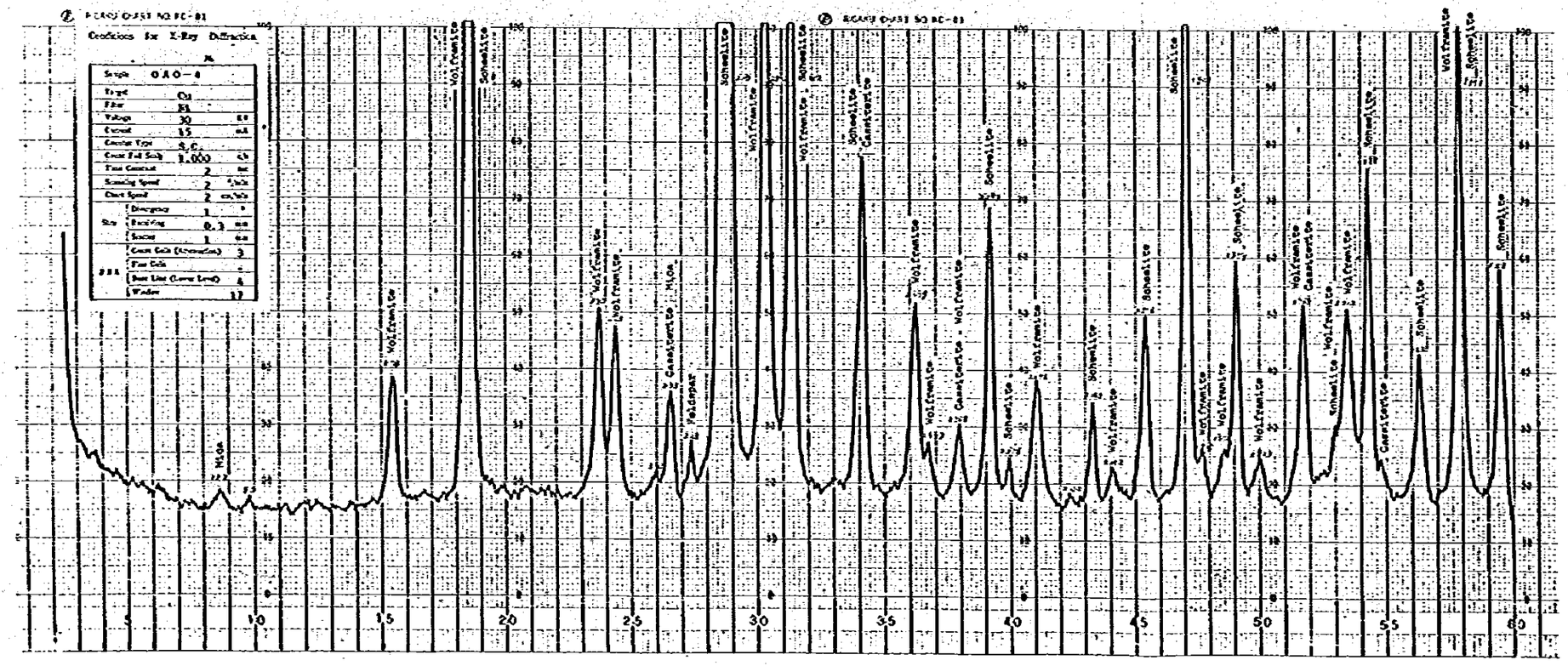
Apex. 4 Results of X-ray diffractions

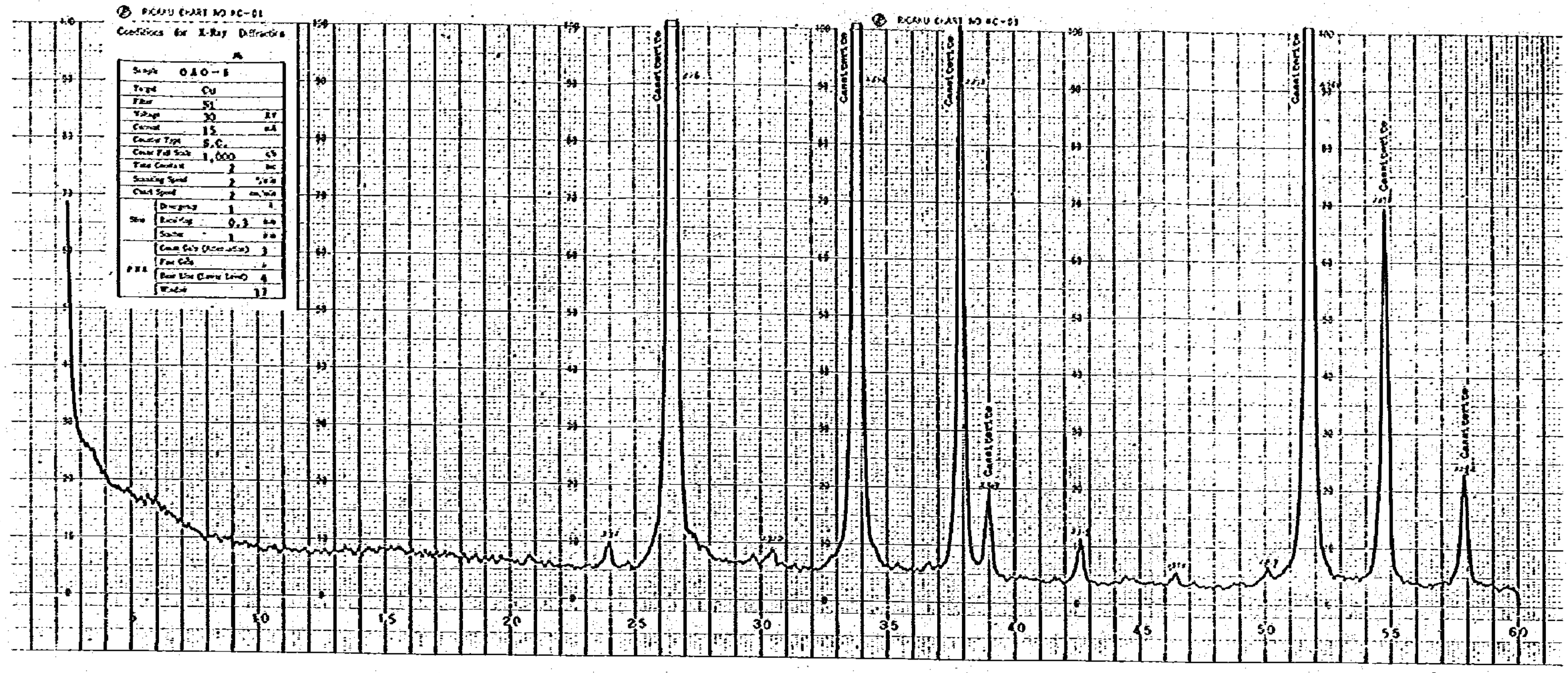
No.	Sample No.	Location	Description	cs	sh	wf	ga	zr	ru	mz	il	be	mc	fd	qz	tl
1	OUR-25	Huai Om Lo (425500E, 1953400N)	Tl-be quartz vein									○	?	○	◎	○
2	OAO-4	Yong Ku mine (431400E, 1981000N)	Sn-W concentrate	○	◎	◎							∘	?		
3	OAO-5	ditto	Sn concentrate	◎												
4	ONO-1	Huai Yarb mine (428800E, 1936800N)	Sn concentrate	◎	?									?	∘	
5	ONO-2	Huai Sia mine (428200E, 1936200N)	Panning concentrate	◎										?	∘	
6	OUO-2	Pha Pun Dong mine (424600E, 1973200N)	Finer fraction of jigger concentrate		○	◎		∘						○		
7	OYO-2	Pha Pun mine (422200E, 1975500N)	Sn-W concentrate		◎	◎										
8	OYO-5	ditto	Sn-W primary waste		∘	◎							∘	◎	◎	
9	OAS-27	Huai On Pat (430500E, 1974800N)	Panning concentrate of stream sediment		∘					∘	○			?	○	
10	OAS-77	Nam Mao Lamit (425000E, 1971600N)	ditto		∘		∘		○				∘	○	○	

Abbreviations: cs; cassiterite, sh; scheelite, wf; wolframite, ga; garnet, zr; zircon, ru; rutile, mz; monazite, il; ilmenite, be; beryl, mc; mica, fd; feldspar, qz; quartz, tl; tourmaline.

◎ ; abundant, ○ ; common, ∘ ; rare, ? ; uncertain.


Conditions for X-Ray Diffractio
Sample OUR-86
Target Cu
Filter Ni
Voltage 30 KV
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000 c/s
Time Constant 2 sec
Scanning Speed 2 °/min
Chart Speed 2 cm/min
Slit Divergency 1 °
Slit Receiving 0.3 mm
Slit Scatter 1 °
PHA Count Rate (Attenuation) 3
PHA Fine Gain
PHA Base Line (Lower Level) 4
PHA Window 17
Beryl
Feldspar
Tourmaline
Quartz


Conditions for X-Ray Diffractio
Sample OAO-4
Target Cu
Filter Ni
Voltage 30 KV
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000 c/s
Time Constant 2 sec
Scanning Speed 2 °/min
Chart Speed 2 cm/min
Slit Divergency 1 °
Slit Receiving 0.3 mm
Slit Scatter 1 °
PHA Count Rate (Attenuation) 3
PHA Fine Gain
PHA Base Line (Lower Level) 4
PHA Window 17
Mica
Wolframite
Feldspar
Cassiterite
Scheelite


Conditions for X-Ray Diffraction
Sample OAO-5
Target Cu
Voltage 30
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000
Time Constant 2
Scanning Speed 2
Chart Speed 2
Divergency 1
Receiving 0.3
Scatter 1
Count Gain (Attenuation) 3
Base Line (Lower Level) 4
Window 17
Cassiterite
Cassiterite
Cassiterite
Cassiterite
Cassiterite
Cassiterite
Cassiterite
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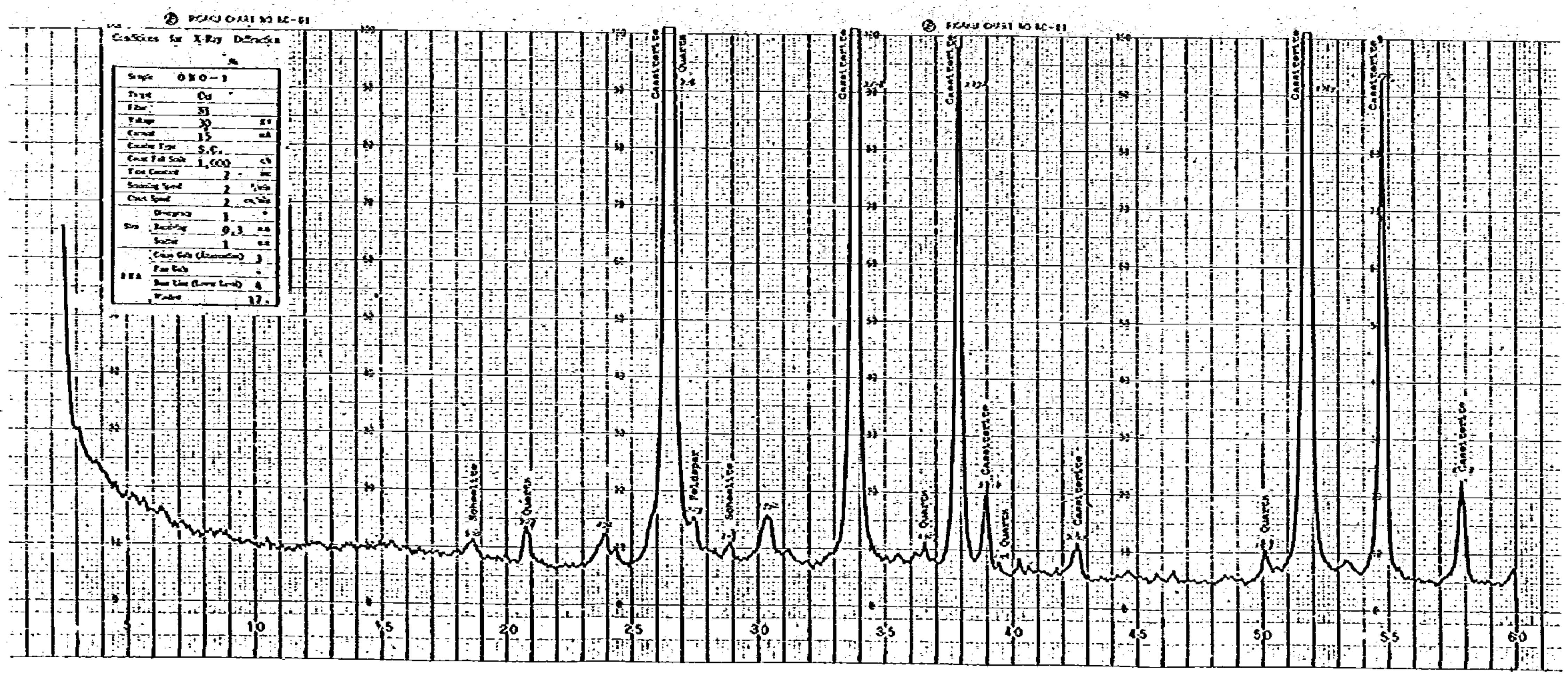
Conditions for X-Ray Diffraction
Target Cu
Voltage 30
Current 15
Counter Type S.C.
Count Full Scale 1,000
Time Constant 2
Scanning Speed 2
Chart Speed 2
Divergency 1
Receiving 0.3
Scatter 1
Count Gain (Attenuation) 3
Base Line (Lower Level) 4
Window 17
Scheelite
Quartz
Cassiterite
Quartz
Feldspar
Scheelite
Cassiterite
Quartz
Cassiterite
Cassiterite
Quartz
Cassiterite
Quartz
Cassiterite
Cassiterite
Cassiterite
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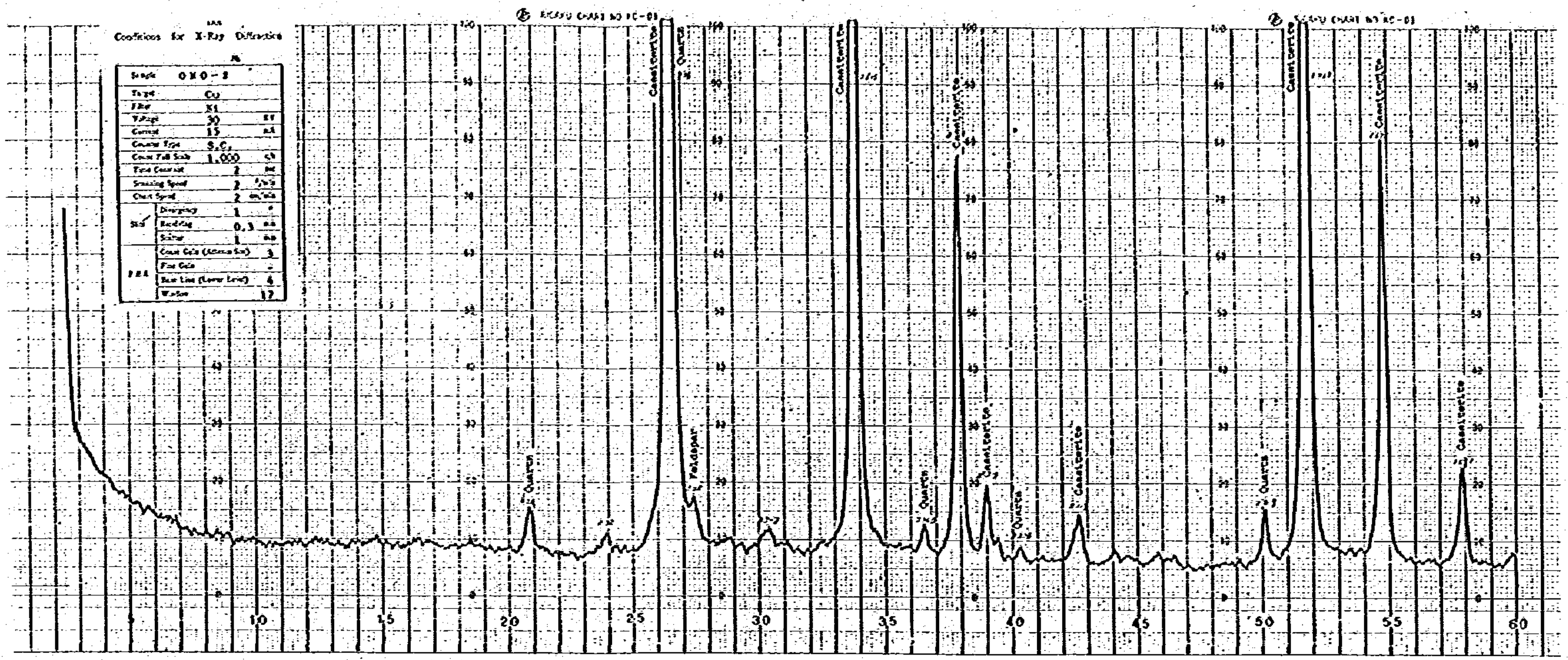
60


Conditions for X-Ray Diffraction
Sample 0 X 0 - 8
Target Cu
Filter Ni
Voltage 30 kV
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000 c/s
Time Constant 2 sec
Scanning Speed 2 °/min
Chart Speed 2 cm/min
Slit Divergency 1 °
Receiving 0.3 mm
Scatter 1 mm
PHA Count Gain (Attenuation) 3
Fine Gain -
Base Line (Lower Level) 4
Window 12
Quartz
Cassiterite
Quartz
Feldspar
Cassiterite
Quartz
Cassiterite
Cassiterite
Quartz
Cassiterite
Quartz
Cassiterite
Cassiterite
Cassiterite
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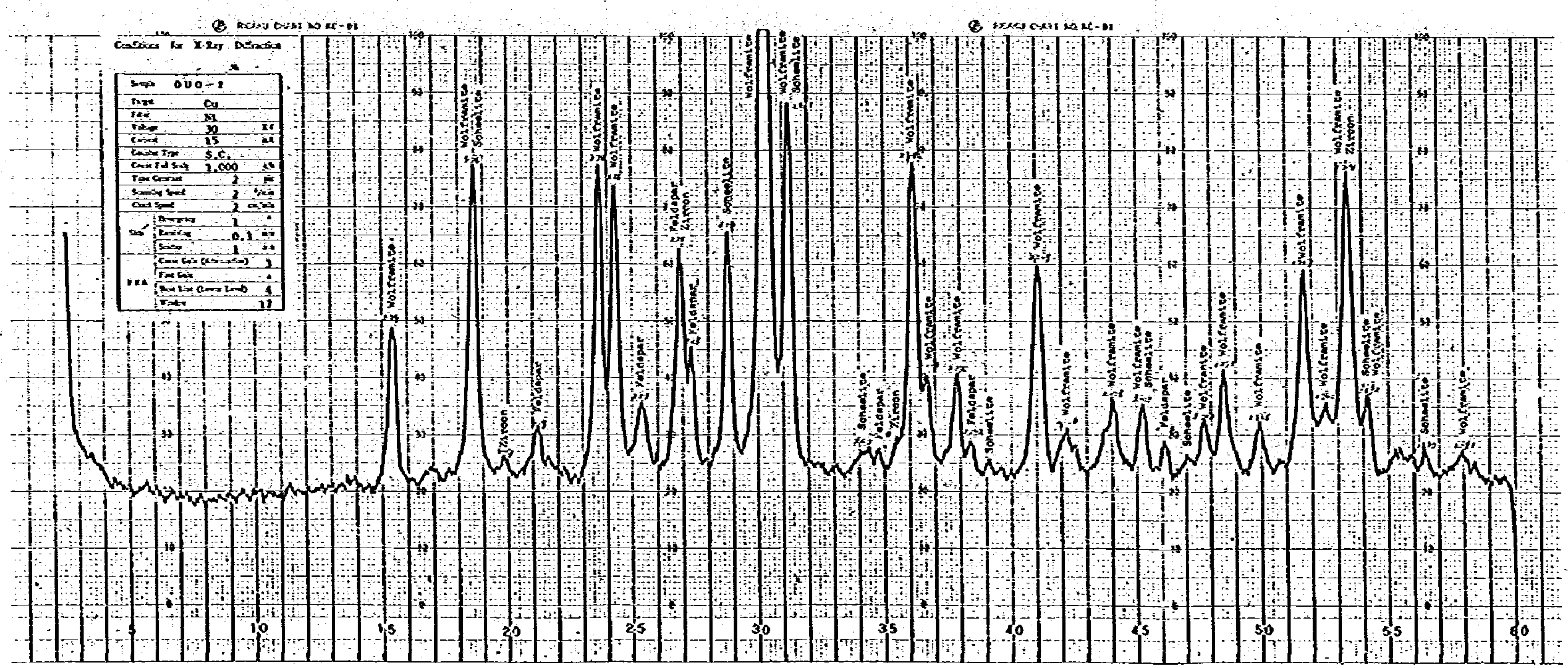
Conditions for X-Ray Diffraction
Sample 0 U 0 - 8
Target Cu
Filter Ni
Voltage 30 kV
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000 c/s
Time Constant 2 sec
Scanning Speed 2 °/min
Chart Speed 2 cm/min
Slit Divergency 1 °
Receiving 0.3 mm
Scatter 1 mm
PHA Count Gain (Attenuation) 3
Fine Gain -
Base Line (Lower Level) 4
Window 12
Wolframite
Wolframite
Scheelite
Zircon
Feldspar
Wolframite
Wolframite
Feldspar
Feldspar
Zircon
Feldspar
Scheelite
Wolframite
Wolframite
Scheelite
Scheelite
Feldspar
Zircon
Wolframite
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Wolframite
Scheelite
Feldspar
Scheelite
Wolframite
Wolframite
Wolframite
Wolframite
Wolframite
Wolframite
Zircon
Scheelite
Wolframite
Scheelite
Wolframite
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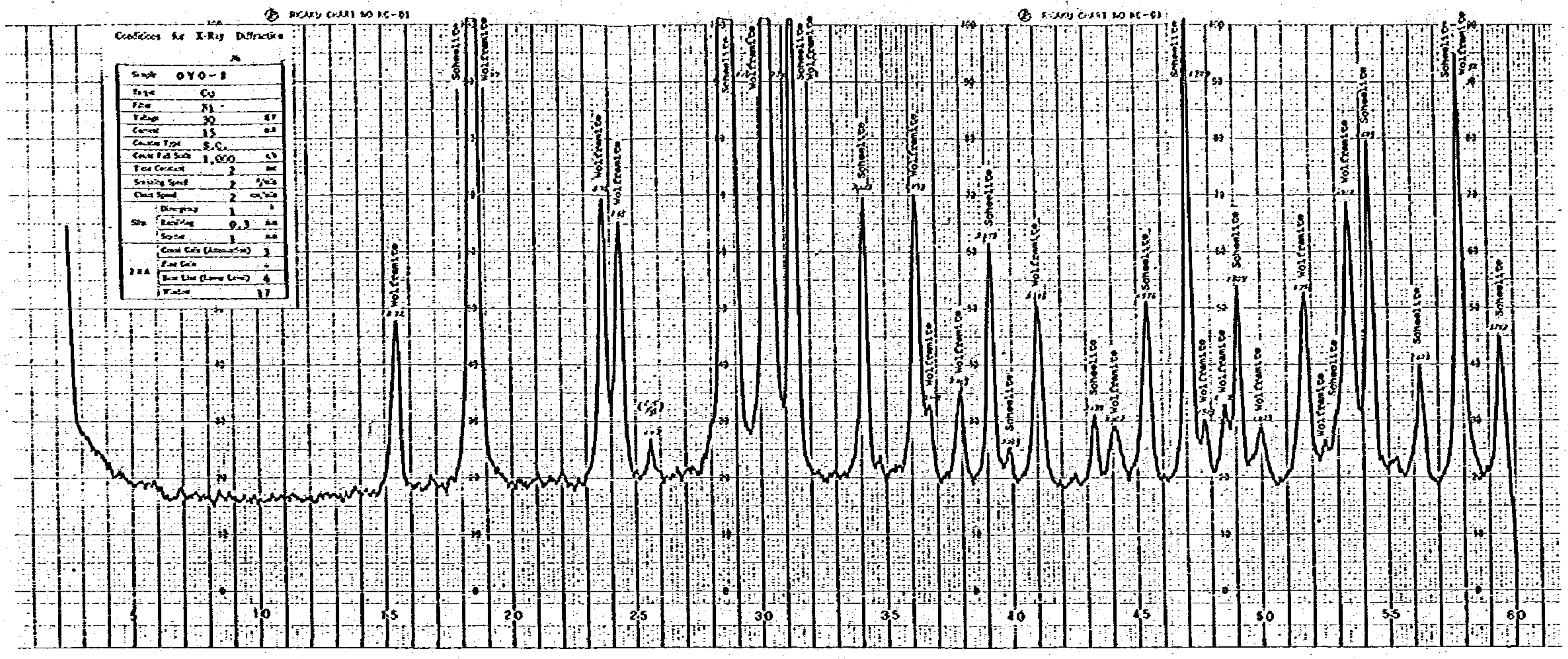
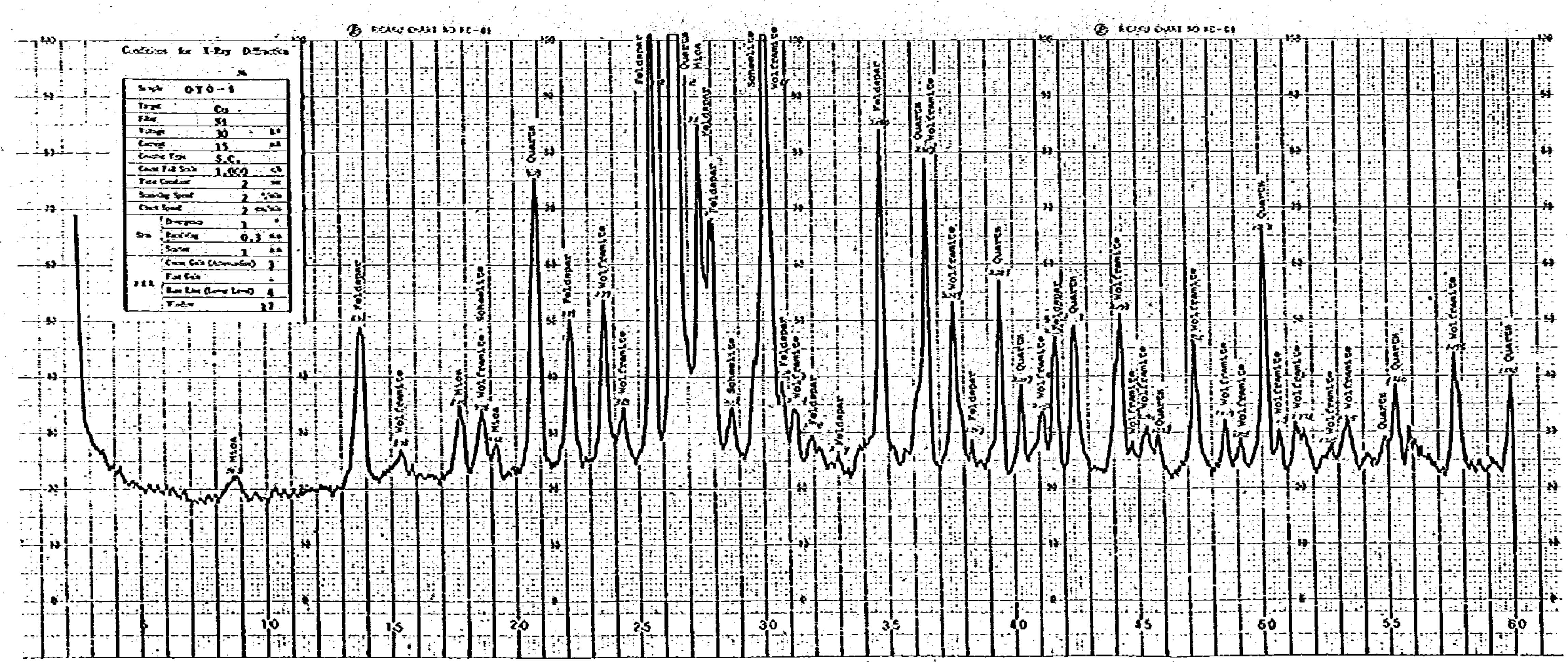

RIGAKU CHART NO RC-01
Conditions for X-Ray Diffraction
Sample OYO-8
Target Cu
Filter Ni
Voltage 30 kV
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000 c/s
Time Constant 2 sec
Scanning Speed 2 °/min
Chart Speed 2 cm/min
Slits Divergency 1 °
Receiving 0.3 mm
Scatter 1 mm
P.H.A. Window
Wolframite
Scheelite
5
10
15
20
25
30
35
40
45
50
55
60


RIGAKU CHART NO RC-01
Conditions for X-Ray Diffraction
Sample OYO-8
Target Cu
Filter Ni
Voltage 30 kV
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000 c/s
Time Constant 2 sec
Scanning Speed 2 °/min
Chart Speed 2 cm/min
Slits Divergency 1 °
Receiving 0.3 mm
Scatter 1 mm
P.H.A. Window
Feldspar
Mica
Quartz
Wolframite
Scheelite
5
10
15
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Conditions for X-Ray Diffraction
Sample 0 A S - 2 1
Target Cu
Filter Ni
Voltage 30 KV
Current 15 mA
Counter Type S.C.
Count Full Scale 1,000 cps
Time Constant 2 sec
Scanning Speed 2 °/min
Chart Speed 2 cm/min
Slit Divergency 1 °
Slit Receiving 0.3 mm
Slit Scatter 1 °
FSA Count Rate (Anticoincidence) 3
FSA Fine Rate -
FSA Base Line (Count Level) 4
FSA Window 17
Quartz
Monazite
Schorlite
Ilmenite
Feldspar
Rutile
Cassiterite
Garnet
5
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Chemical analyses of geochemical samples (1)

No.	Sample No.	Coordinates E (km)	N (km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
1	OAS-001	431.7	1967.7	49	10	8	7	4.2	19	260
2	OAS-002	430.9	1967.7	31	8	7	7	1.8	12	130
3	OAS-003	431.4	1967.4	35	15	11	15	2.7	17	170
4	OAS-004	433.8	1968.1	29	7	9	9	1.9	9	290
5	OAS-005	437.1	1976.7	80	34	10	67	2.2	6	140
6	OAS-006	437.1	1977.2	10	2	7	15	2.0	7	130
7	OAS-007	436.7	1977.4	63	21	9	82	2.3	6	120
8	OAS-008	436.9	1977.6	32	8	9	36	2.1	6	130
9	OAS-009	436.3	1980.7	13	4	5	3	5.7	5	80
10	OAS-010	436.7	1980.9	8	3	5	2	1.4	3	60
11	OAS-011	437.2	1981.3	162	93	13	23	9.6	14	90
12	OAS-012	437.3	1981.8	11	4	5	1	9.6	5	120
13	OAS-013	437.4	1981.7	17	4	6	4	6.8	5	70
14	OAS-014	438.3	1981.7	26	7	7	5	7.4	8	70
15	OAS-015	438.2	1981.8	15	6	6	2	10.0	5	60
16	OAS-016	438.6	1982.3	10	3	4	1	9.3	6	60
17	OAS-017	438.7	1982.9	28	8	7	4	5.3	5	90
18	OAS-018	432.1	1982.2	49	20	23	770	2.1	7	180
19	OAS-019	432.1	1982.3	121	61	16	17	2.9	9	200
20	OAS-020	432.2	1981.6	45	18	43	2100	3.0	11	310
21	OAS-021	432.4	1980.9	16	8	9	5	3.1	7	170
22	OAS-022	432.3	1981.0	11	4	5	24	1.9	7	130
23	OAS-023	432.2	1980.7	5	2	5	7	1.0	4	20
24	OAS-024	431.8	1980.3	13	4	5	240	1.1	5	100
25	OAS-025	431.5	1980.1	12	3	4	4	1.9	7	50
26	OAS-026	430.6	1974.2	43	9	7	17	2.6	8	80
27	OAS-027	430.5	1974.8	61	12	9	38	2.6	8	100
28	OAS-028	430.6	1975.1	23	5	7	7	1.7	7	120
29	OAS-029	430.8	1975.4	6	2	5	3	1.3	5	50
30	OAS-030	430.7	1975.5	29	6	6	9	2.2	8	70
31	OAS-031	430.8	1976.0	20	5	6	3	2.7	8	160
32	OAS-032	430.8	1976.2	14	3	7	14	2.4	7	130
33	OAS-033	430.7	1976.2	44	8	5	6	1.6	7	90
34	OAS-034	430.5	1976.6	24	5	5	3	1.9	7	90
35	OAS-035	437.4	1976.1	9	3	7	1	1.7	10	160
36	OAS-036	437.5	1975.6	11	4	7	2	1.4	6	120
37	OAS-037	438.2	1975.2	13	6	5	3	1.6	3	60
38	OAS-038	437.8	1974.7	16	7	5	1	1.5	6	120
39	OAS-039	438.3	1973.9	18	8	7	4	2.8	12	70
40	OAS-040	437.7	1973.7	13	6	10	14	2.9	10	90
41	OAS-041	437.3	1973.6	28	15	12	35	1.4	7	130
42	OAS-042	436.9	1974.1	15	5	7	2	1.2	8	140
43	OAS-043	436.6	1974.6	13	5	6	4	1.4	8	200
44	OAS-044	430.6	1973.8	15	3	3	1	1.2	7	80
45	OAS-045	430.7	1973.6	35	8	17	100	2.4	10	220
46	OAS-046	430.7	1973.3	21	5	4	2	2.1	10	60
47	OAS-047	431.2	1972.7	27	6	5	4	2.3	12	160
48	OAS-048	431.2	1972.1	15	4	3	2	2.3	11	50
49	OAS-049	431.6	1972.2	24	5	8	3	2.5	8	120
50	OAS-050	431.8	1971.6	21	5	4	2	2.1	10	60
51	OAS-051	432.5	1971.9	27	5	4	3	2.2	9	90
52	OAS-052	432.4	1972.3	24	5	6	6	2.3	7	70
53	OAS-053	433.3	1972.5	42	7	6	2	2.0	6	120
54	OAS-054	433.2	1972.9	21	4	7	3	2.2	6	190
55	OAS-055	432.7	1972.3	24	3	5	5	2.8	8	180

Chemical analyses of geochemical samples (2)

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
56	OAS-056	432.8	1971.2	160	23	13	12	2.5	8	210
57	OAS-057	432.2	1970.8	31	6	5	2	1.1	7	50
58	OAS-058	436.7	1977.4	13	3	6	5	2.9	12	210
59	OAS-059	436.3	1977.1	15	5	7	100	1.0	6	120
60	OAS-060	436.2	1977.5	24	7	6	13	2.9	12	320
61	OAS-061	436.1	1977.1	12	3	5	4	1.7	10	200
62	OAS-062	435.6	1976.9	16	5	6	14	3.1	7	160
63	OAS-063	435.5	1976.7	14	3	5	8	2.4	6	120
64	OAS-064	435.1	1977.2	32	5	8	5	1.7	9	160
65	OAS-065	434.6	1977.3	28	4	4	1	1.5	6	100
66	OAS-066	429.9	1968.1	12	3	5	2	1.8	13	130
67	OAS-067	430.4	1968.5	17	5	7	14	2.6	16	180
68	OAS-068	430.8	1969.0	27	10	12	16	2.4	15	220
69	OAS-069	431.2	1969.5	21	4	5	3	2.1	11	130
70	OAS-070	431.1	1970.2	27	6	10	4	3.1	13	240
71	OAS-071	430.6	1970.4	26	5	9	3	3.4	13	190
72	OAS-072	430.2	1970.3	20	4	7	5	3.2	12	180
73	OAS-073	429.9	1970.6	19	4	8	4	1.9	10	220
74	OAS-074	429.4	1970.7	81	17	18	11	2.7	11	350
75	OAS-075	425.8	1972.3	120	35	41	190	6.7	26	250
76	OAS-076	425.2	1971.7	200	65	150	48	7.4	48	400
77	OAS-077	425.0	1971.6	530	150	74	200	5.1	29	1230
78	OAS-078	424.7	1971.8	110	30	50	37	6.1	35	370
79	OAS-079	424.6	1971.7	1150	410	270	240	5.5	30	320
80	OAS-080	423.5	1971.4	140	32	24	74	4.1	22	520
81	OAS-081	430.4	1967.2	53	15	17	23	3.9	23	350
82	OAS-082	430.8	1966.6	18	5	7	4	2.7	14	170
83	OAS-083	430.1	1966.0	15	4	6	4	2.9	16	200
84	OAS-084	430.3	1965.8	47	12	15	14	2.5	33	210
85	OAS-085	430.0	1965.2	45	12	12	15	3.0	21	250
86	OAS-086	430.4	1964.5	50	13	11	54	2.7	23	300
87	OAS-087	429.8	1964.4	35	10	13	40	4.5	28	370
88	OAS-088	429.5	1964.3	21	5	8	6	5.5	20	1290
89	OAS-089	429.1	1963.7	27	7	7	6	3.1	15	180
90	OAS-090	428.9	1963.8	44	10	12	15	4.5	24	430
91	OAS-091	432.3	1961.7	43	11	15	11	2.7	36	250
92	OAS-092	431.8	1961.5	25	5	9	10	3.2	25	140
93	OAS-093	431.4	1961.3	20	4	7	2	3.1	18	100
94	OAS-094	431.0	1960.7	19	4	7	5	2.4	36	320
95	OAS-095	430.6	1960.6	22	4	8	3	4.1	18	240
96	OAS-096	430.1	1960.4	19	4	6	3	4.1	18	230
97	OAS-097	430.1	1960.9	20	4	8	5	3.9	19	210
98	OAS-098	431.2	1954.9	27	7	12	35	3.7	38	350
99	OAS-099	431.1	1954.6	34	8	13	9	3.3	28	180
100	OAS-100	430.8	1954.7	55	13	12	13	2.2	28	190
101	OAS-101	430.4	1954.9	28	7	12	18	3.1	37	270
102	OAS-102	430.2	1955.2	26	5	12	24	5.1	46	460
103	OAS-103	430.1	1955.6	26	5	9	6	3.3	28	250
104	OAS-104	429.8	1955.8	14	3	10	10	3.1	37	370
105	OAS-105	429.4	1955.9	28	7	6	15	4.3	31	230
106	OAS-106	429.0	1956.1	29	6	9	16	4.4	38	410
107	OAS-107	428.5	1956.3	20	5	12	19	4.9	46	490
108	OAS-108	428.4	1956.6	18	4	13	54	5.9	42	520
109	OAS-109	435.3	1962.6	68	43	9	19	1.8	8	380
110	OAS-110	436.0	1962.7	20	7	4	21	3.9	15	310

Chemical analyses of geochemical samples (3)

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
111	OAS-111	436.5	1963.3	10	4	5	13	3.1	10	210
112	OAS-112	436.9	1963.1	23	13	9	8	2.5	11	350
113	OAS-113	436.9	1963.4	16	6	8	4	2.6	10	360
114	OAS-114	435.7	1963.5	30	20	11	9	2.9	13	250
115	OAS-115	434.8	1964.1	15	5	5	3	1.7	6	170
116	OAS-116	435.4	1964.3	49	26	9	5	1.6	6	160
117	OAS-117	435.6	1964.9	11	3	5	2	2.6	7	180
118	OAS-118	436.1	1965.1	12	5	4	0	1.9	5	100
119	OAS-119	436.3	1965.7	20	6	6	3	2.5	6	190
120	OAS-120	436.4	1961.8	23	8	12	31	3.8	15	270
121	OAS-121	436.7	1961.1	25	10	9	23	4.1	15	230
122	OAS-122	436.8	1965.7	14	5	7	19	3.6	14	230
123	OAS-123	437.0	1965.4	100	66	19	240	3.7	13	260
124	OAS-124	437.6	1965.7	22	7	11	26	4.3	15	250
125	OAS-125	438.2	1960.6	57	27	14	74	2.2	6	230
126	OAS-126	437.9	1960.3	31	13	16	85	3.3	14	340
127	OAS-127	437.4	1959.2	50	12	11	8	3.5	19	240
128	OAS-128	437.2	1946.0	22	13	15	51	3.8	28	350
129	OAS-129	436.8	1946.1	24	11	16	29	3.3	27	310
130	OAS-130	436.5	1946.4	80	69	29	140	3.9	29	540
131	OAS-131	436.5	1946.8	14	5	15	7	3.6	25	380
132	OAS-132	435.0	1946.9	35	16	13	18	3.3	26	390
133	OAS-133	435.4	1947.2	22	9	16	29	5.0	40	490
134	OAS-134	435.2	1946.6	16	5	11	15	4.1	42	350
135	OAS-135	438.1	1952.2	13	5	9	4	2.6	17	240
136	OAS-136	438.5	1952.4	11	4	8	0	2.8	17	230
137	OAS-137	438.8	1952.3	18	6	9	5	2.0	14	180
138	OAS-138	439.2	1952.5	11	4	8	4	2.8	20	240
139	OAS-139	439.6	1952.6	13	5	9	3	2.8	18	230
140	OAS-140	440.0	1952.6	12	4	7	4	2.8	17	250
141	OAS-141	440.0	1953.3	40	14	11	25	3.5	14	250
142	OAS-142	440.4	1953.5	44	15	11	30	3.7	14	280
143	OAS-143	434.2	1972.9	52	10	3	3	1.4	5	130
144	OAS-144	433.8	1973.3	27	5	1	0	1.4	5	110
145	OAS-145	433.4	1973.8	22	6	1	4	1.7	6	230
146	OAS-146	433.6	1974.1	24	4	3	0	1.3	4	90
147	OAS-147	433.5	1974.7	14	3	3	2	1.5	4	120
148	OAS-148	432.9	1974.7	25	5	3	0	1.3	4	200
149	OAS-149	438.5	1972.5	28	15	11	30	4.4	13	130
150	OAS-150	438.2	1972.4	20	10	7	6	5.2	14	130
151	OAS-151	437.5	1972.3	15	6	6	6	3.8	12	180
152	OAS-152	436.9	1973.1	12	3	5	8	2.3	7	140
153	OAS-153	437.3	1973.3	10	3	6	2	1.7	6	80
154	OAS-154	437.4	1947.7	15	4	12	4	3.2	22	280
155	OAS-155	437.7	1948.4	22	6	13	18	3.4	22	290
156	OAS-156	437.5	1948.9	16	3	11	3	3.1	24	290
157	OAS-157	437.1	1949.0	22	5	13	6	3.8	21	260
158	OAS-158	436.9	1949.1	18	6	14	9	2.8	9	200
159	OAS-159	436.9	1949.6	17	4	10	8	2.9	25	280
160	OAS-160	436.1	1950.2	24	5	12	12	3.0	29	250
161	OAS-161	436.1	1950.5	15	4	12	31	2.3	21	320
162	OAS-162	436.1	1950.9	20	6	13	35	2.9	21	320
163	OAS-163	436.3	1951.4	19	6	14	[illegible]	2.8	24	250
164	OAS-164	436.6	1951.8	28	10	15	[illegible]	2.3	20	360
165	OAS-165	436.9	1952.2	20	7	17	[illegible]	2.3	18	280

Chemical analyses of geochemical samples (4)

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
166	OAS-166	437.3	1952.3	20	6	18	22	2.4	20	300
167	OAS-167	437.3	1952.7	13	4	12	8	2.1	16	210
168	OAS-168	425.2	1948.4	16	7	15	11	6.9	30	460
169	OAS-169	424.6	1948.1	27	17	16	12	6.8	38	320
170	OAS-170	424.2	1948.3	21	10	16	7	6.8	40	440
171	OAS-171	423.7	1948.2	15	4	16	11	5.0	32	360
172	OAS-172	423.4	1948.7	23	12	16	8	7.1	46	370
173	OAS-173	423.0	1949.3	69	53	21	30	7.6	46	420
174	OAS-174	422.7	1949.6	31	16	16	13	6.2	50	510
175	OAS-175	422.7	1949.6	41	21	18	10	7.7	49	400
176	OAS-176	422.5	1949.7	24	9	17	6	5.5	46	530
177	OAS-177	425.1	1945.5	33	20	20	10	12.0	56	490
178	OAS-178	425.3	1946.0	9	2	8	6	3.9	24	290
179	OAS-179	425.2	1946.7	31	19	15	16	14.0	41	470
180	OAS-180	425.7	1947.1	11	2	12	4	3.8	24	310
181	OAS-181	426.1	1946.7	11	2	13	7	3.4	22	160
182	OAS-182	426.4	1946.4	14	3	16	7	4.0	24	150
183	OAS-183	426.3	1945.9	11	2	12	8	3.0	19	270
184	OAS-184	426.5	1946.1	13	2	15	6	3.4	22	240
185	OAS-185	425.8	1947.5	9	3	7	3	2.5	27	110
186	OAS-186	426.0	1948.0	17	10	15	8	6.1	35	390
187	OAS-187	426.7	1948.5	12	3	13	13	3.1	37	200
188	OAS-188	427.0	1948.6	12	3	32	29	3.0	22	210
189	OAS-189	434.7	1941.6	32	7	11	24	3.0	45	200
190	OAS-190	434.4	1941.8	13	2	12	13	4.5	38	310
191	OAS-191	433.9	1942.3	13	3	7	20	3.4	37	210
192	OAS-192	433.5	1942.0	18	3	5	8	2.4	51	120
193	OAS-193	432.8	1942.3	10	3	5	8	2.9	43	150
194	OAS-194	432.5	1942.7	34	7	14	62	2.9	31	270
195	OAS-195	432.2	1942.9	14	4	6	10	2.7	30	220
196	OAS-196	431.7	1942.8	15	4	5	7	3.4	35	100
197	OAS-197	431.2	1942.7	18	5	6	11	2.7	32	140
198	OAS-198	430.8	1942.9	15	4	5	7	2.3	25	140
199	OAS-199	430.5	1942.8	18	5	7	11	2.7	25	70
200	OAS-200	432.5	1939.6	11	2	8	21	2.3	31	170
201	OAS-201	432.3	1939.6	16	2	10	36	2.4	41	200
202	OAS-202	431.8	1939.8	16	3	9	43	2.2	39	180
203	OAS-203	431.5	1939.6	12	2	8	83	2.5	47	200
204	OAS-204	431.3	1939.9	17	3	7	130	2.2	43	100
205	OAS-205	431.0	1939.9	12	2	6	45	3.3	38	170
206	OAS-206	430.6	1939.5	14	2	12	21	3.7	38	280
207	OAS-207	429.8	1939.8	19	3	10	80	3.6	37	180
208	OAS-208	429.5	1940.2	29	7	9	56	3.3	29	160
209	OAS-209	429.4	1940.1	26	5	10	130	3.0	32	280
210	OAS-210	429.9	1940.3	20	4	9	50	2.7	28	220
211	OAS-211	429.5	1940.2	12	3	17	22	3.7	38	370
212	OAS-212	429.1	1940.3	13	2	17	6	5.1	39	440
213	OAS-213	428.1	1940.7	12	2	14	14	4.8	35	200
214	OAS-214	427.9	1941.2	14	2	15	38	3.2	42	350
215	OAS-215	427.8	1941.7	15	2	18	17	3.5	50	420
216	OAS-216	427.6	1941.9	10	1	13	20	2.4	38	150
217	OAS-217	427.7	1942.2	14	2	16	25	3.1	39	50
218	OAS-218	424.2	1937.7	13	3	19	9	6.8	50	50
219	OAS-219	424.6	1937.8	14	3	21	7	7.1	55	430
220	OAS-220	424.9	1938.1	16	3	22	11	7.1	55	330

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
221	OAS-221	425.3	1938.5	16	3	22	8	7.1	54	640
222	OAS-222	424.4	1936.4	31	20	35	23	21.0	73	540
223	OAS-223	424.9	1936.3	19	9	31	19	10.0	63	280
224	OAS-224	425.3	1936.6	21	13	27	15	10.0	63	560
225	OAS-225	425.7	1937.0	16	6	31	10	7.9	66	560
226	OAS-226	425.9	1937.0	11	3	25	8	5.4	54	280
227	OAS-227	424.0	1936.2	12	6	14	5	2.3	27	310
228	OAS-228	424.2	1935.7	37	32	27	16	16.0	61	520
229	OAS-229	424.2	1934.7	25	16	28	10	9.8	49	1280
230	OAS-230	424.1	1934.2	26	14	31	24	12.0	64	540
231	OAS-231	424.2	1933.6	25	13	30	35	12.0	58	480
232	OAS-232	423.9	1940.3	15	5	13	3	4.7	35	330
233	OAS-233	423.7	1940.6	15	4	13	3	4.5	38	410
234	OAS-234	423.3	1940.6	18	19	16	4	4.8	42	560
235	OAS-235	422.7	1940.8	15	2	13	4	4.3	34	510
236	OAS-236	422.4	1941.1	16	2	14	2	3.9	35	470
237	OAS-237	422.4	1941.3	12	2	13	4	4.8	45	440
238	OAS-238	422.0	1941.4	15	2	12	1	3.7	33	490
239	OAS-239	421.7	1941.6	14	2	11	3	4.0	32	380
240	OAS-240	432.7	1937.1	11	2	13	30	3.8	25	280
241	OAS-241	432.2	1936.8	17	3	26	19	4.8	38	440
242	OAS-242	431.6	1937.1	21	4	27	100	6.0	49	370
243	OAS-243	431.3	1936.8	28	5	32	79	4.7	38	300
244	OAS-244	430.8	1936.8	39	8	47	65	6.0	52	290
245	OAS-245	430.3	1937.3	16	4	26	20	5.4	46	400
246	OAS-246	430.0	1936.9	19	5	42	43	3.9	42	640
247	OAS-247	428.4	1963.3	21	4	5	8	2.5	19	880
248	OAS-248	427.6	1963.7	10	2	5	1	3.0	17	980
249	OAS-249	427.1	1963.1	17	3	15	14	4.5	32	370
250	OAS-250	426.6	1962.6	23	5	18	19	5.2	34	300
251	OAS-251	426.1	1962.1	14	2	16	8	4.7	33	270
252	OAS-252	427.3	1962.9	25	6	15	26	4.7	35	300
253	OAS-253	427.7	1962.3	13	3	9	3	4.1	23	300
254	OAS-254	427.4	1961.8	18	4	8	2	3.0	24	220
255	OAS-255	427.4	1961.3	20	4	11	5	4.6	32	280
256	OAS-256	427.3	1961.1	22	4	20	8	6.9	57	520
257	OAS-257	426.8	1961.2	15	3	16	8	4.4	37	310
258	OAS-258	426.7	1960.9	19	4	22	10	5.7	37	290
259	OAS-259	426.8	1960.6	20	4	25	13	5.8	45	460
260	OAS-260	426.8	1959.9	19	4	25	9	7.1	58	490
261	OAS-261	426.5	1959.6	16	3	22	20	6.3	47	370
262	OAS-262	426.3	1959.1	20	3	26	13	6.9	50	560
263	OAS-263	426.0	1958.7	17	3	27	18	6.9	47	520
264	OAS-264	425.8	1958.4	17	3	27	13	7.4	48	610
265	OAS-265	425.6	1957.9	21	4	29	11	8.4	50	580
266	OAS-266	425.4	1957.5	26	5	22	14	8.1	54	610
267	OAS-267	423.4	1971.0	47	9	11	11	4.4	20	270
268	OAS-268	423.3	1971.2	37	8	15	25	4.0	18	280
269	OAS-269	423.2	1970.8	35	9	11	11	3.0	18	290
270	OAS-270	422.7	1970.6	15	3	12	7	3.9	20	220
271	OAS-271	422.6	1970.8	33	6	14	12	3.0	19	300
272	OAS-272	422.2	1970.7	27	7	12	51	3.5	25	270
273	OMS-001	437.0	1935.4	16	4	14	12	4.0	23	250
274	OMS-002	437.0	1935.8	23	6	13	15	4.1	20	280
275	OMS-003	437.7	1935.9	12	3	12	6	3.7	21	290

Chemical analyses of geochemical samples (6)

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
276	OMS-004	437.0	1936.4	17	5	14	11	4.0	23	260
277	OMS-005	437.1	1936.9	13	5	14	13	3.7	22	300
278	OMS-006	436.9	1937.3	20	5	52	29	4.4	51	540
279	OMS-007	436.8	1937.6	18	5	11	13	3.9	24	240
280	OMS-008	437.4	1937.5	12	2	9	5	3.5	20	140
281	OMS-009	437.3	1938.1	11	2	9	7	3.9	20	170
282	OMS-010	438.0	1938.0	27	9	12	18	3.8	18	270
283	OMS-011	438.5	1937.7	16	4	11	11	4.3	19	130
284	OMS-012	438.8	1937.2	20	7	11	13	4.1	20	150
285	OMS-013	439.8	1982.3	8	3	5	2	2.3	7	200
286	OMS-014	440.3	1981.8	25	20	5	0	5.6	15	130
287	OMS-015	440.8	1981.7	9	4	5	1	3.5	11	190
288	OMS-016	440.9	1981.4	10	4	5	0	3.2	11	200
289	OMS-017	440.3	1981.3	8	3	4	0	3.9	13	130
290	OMS-018	439.8	1981.1	5	2	3	0	2.3	11	130
291	OMS-019	439.6	1980.9	5	1	3	0	3.4	14	160
292	OMS-020	439.2	1980.7	3	1	2	0	2.1	6	70
293	OMS-021	438.3	1974.8	13	3	11	5	3.2	35	250
294	OMS-022	439.5	1974.4	67	43	7	4	2.5	10	140
295	OMS-023	439.9	1974.1	6	2	3	1	3.8	4	80
296	OMS-024	439.8	1973.9	7	2	2	0	4.6	4	110
297	OMS-025	439.6	1973.9	13	6	8	5	3.3	13	140
298	OMS-027	435.0	1982.2	18	5	6	37	1.8	7	150
299	OMS-035	422.4	1974.3	9	2	11	8	3.7	22	350
300	OMS-036	422.3	1973.8	59	9	18	14	3.6	17	230
301	OMS-037	422.1	1973.6	47	8	22	51	4.1	14	70
302	OMS-038	421.6	1973.7	46	9	17	20	4.8	20	210
303	OMS-039	421.4	1973.8	53	33	28	360	11.0	36	350
304	OMS-040	421.5	1973.9	16	3	27	7	5.8	36	500
305	OMS-041	422.7	1972.9	36	7	17	16	4.7	27	300
306	OMS-042	422.8	1973.4	20	3	16	13	5.3	32	350
307	OMS-043	423.3	1973.8	41	6	17	40	4.7	27	160
308	OMS-045	424.8	1974.0	49	9	46	570	5.7	52	580
309	OMS-046	424.7	1973.6	67	13	52	1200	5.9	55	420
310	OMS-047	424.2	1973.4	100	19	66	1800	5.1	51	800
311	ONS-001	434.4	1977.1	32	11	10	14	2.0	6	180
312	ONS-002	434.7	1977.6	17	2	6	6	1.1	5	110
313	ONS-003	434.6	1976.6	15	2	7	2	1.4	6	120
314	ONS-004	434.4	1976.5	19	2	5	1	0.9	4	60
315	ONS-005	433.6	1976.4	10	1	5	1	1.2	4	70
316	ONS-006	433.1	1976.5	19	12	5	1	1.6	5	40
317	ONS-007	432.8	1976.1	46	8	6	2	1.6	4	60
318	ONS-008	432.3	1976.4	17	3	4	3	1.2	5	20
319	ONS-009	431.9	1976.8	9	2	4	1	1.2	6	20
320	ONS-010	430.0	1982.3	61	17	8	8	1.2	9	70
321	ONS-011	429.6	1981.7	10	2	4	1	0.7	7	30
322	ONS-012	429.5	1981.8	12	2	6	2	2.5	8	70
323	ONS-013	429.3	1982.3	19	5	10	5	2.1	7	90
324	ONS-014	428.9	1982.6	57	16	7	10	0.9	7	90
325	ONS-015	428.4	1982.3	55	10	7	7	1.8	8	120
326	ONS-016	428.0	1982.1	36	5	6	4	1.5	12	140
327	ONS-017	428.1	1982.0	58	10	8	7	1.4	8	110
328	ONS-018	426.8	1976.8	31	3	5	4	1.8	11	290
329	ONS-019	427.0	1977.3	18	2	12	7	1.4	11	320
330	ONS-020	427.1	1977.9	14	2	11	3	1.5	9	260

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
331	ONS-021	427.1	1979.0	34	6	15	14	2.6	9	210
332	ONS-022	427.4	1979.5	140	28	10	11	1.5	9	160
333	ONS-023	427.3	1979.5	36	6	5	3	2.1	10	40
334	ONS-024	427.6	1978.7	49	8	7	7	3.2	11	80
335	ONS-025	437.9	1976.3	8	2	5	6	3.9	6	120
336	ONS-026	437.3	1977.2	6	2	6	7	1.0	4	90
337	ONS-027	438.1	1977.8	10	2	5	4	2.1	4	70
338	ONS-028	437.9	1978.2	6	2	5	2	0.7	4	60
339	ONS-029	437.8	1978.7	5	2	4	2	4.8	5	60
340	ONS-030	438.2	1979.2	5	1	2	1	3.3	2	30
341	ONS-031	438.7	1979.3	6	1	3	3	1.3	6	30
342	ONS-032	439.0	1979.8	6	2	2	0	3.9	3	40
343	ONS-033	426.3	1976.8	42	9	7	29	1.5	9	80
344	ONS-034	426.0	1976.7	15	3	6	6	0.9	10	40
345	ONS-035	425.5	1976.3	20	4	6	7	1.6	11	110
346	ONS-036	424.3	1977.0	11	3	9	17	1.1	11	50
347	ONS-037	424.5	1976.6	14	5	9	11	3.0	21	40
348	ONS-038	424.4	1976.8	63	18	34	25	3.0	21	110
349	ONS-039	423.6	1977.0	4	2	6	4	4.2	17	50
350	ONS-040	423.4	1976.7	12	2	7	2	2.1	7	50
351	ONS-041	437.3	1967.7	29	11	14	99	4.5	23	170
352	ONS-042	437.4	1967.3	21	5	8	7	1.3	7	120
353	ONS-043	437.6	1967.6	10	2	5	3	2.1	8	60
354	ONS-044	438.0	1968.1	13	5	6	0	0.8	7	100
355	ONS-045	438.6	1968.2	8	2	3	1	1.3	9	120
356	ONS-046	436.9	1967.3	19	4	7	4	2.9	10	90
357	ONS-047	436.4	1967.1	20	3	7	2	3.9	9	300
358	ONS-048	435.9	1966.5	10	3	5	0	3.3	13	340
359	ONS-049	435.6	1966.4	18	8	4	2	1.6	6	70
360	ONS-050	435.6	1965.9	10	3	6	0	2.0	8	200
361	ONS-051	435.2	1965.6	11	4	6	2	2.1	9	220
362	ONS-052	434.8	1965.3	21	5	7	2	2.5	8	60
363	ONS-053	434.7	1965.9	13	6	8	6	2.8	17	210
364	ONS-054	434.6	1966.2	16	6	7	3	2.6	12	250
365	ONS-055	434.3	1966.7	12	3	6	2	2.2	14	110
366	ONS-056	433.7	1966.6	9	3	3	0	1.6	7	120
367	ONS-057	426.4	1973.8	12	3	7	20	3.0	27	60
368	ONS-058	426.1	1973.2	38	10	19	170	3.7	26	130
369	ONS-059	426.7	1972.6	130	40	38	79	5.6	34	510
370	ONS-060	427.4	1972.2	30	10	18	140	4.1	24	250
371	ONS-061	427.7	1971.7	18	5	12	14	1.7	15	100
372	ONS-062	427.4	1971.5	86	24	26	340	3.9	26	220
373	ONS-063	427.4	1971.3	130	34	21	48	5.9	27	190
374	ONS-064	427.8	1970.6	7	2	3	2	1.2	14	110
375	ONS-065	427.8	1970.1	120	27	18	20	4.5	49	250
376	ONS-066	424.3	1977.5	15	3	9	20	1.4	11	160
377	ONS-067	424.8	1977.8	10	2	5	18	1.1	10	110
378	ONS-068	425.1	1978.2	50	10	7	7	0.6	9	130
379	ONS-069	423.8	1977.8	20	7	10	40	3.9	22	180
380	ONS-070	423.9	1978.0	12	2	4	6	1.3	11	110
381	ONS-071	423.6	1978.3	20	4	6	10	1.3	24	280
382	ONS-072	423.0	1979.0	15	5	10	24	5.9	23	260
383	ONS-073	422.6	1979.5	14	5	10	19	5.7	23	160
384	ONS-074	422.5	1979.9	21	5	11	5	3.6	26	340
385	ONS-075	423.2	1978.9	21	4	8	5	1.4	11	180

Chemical analyses of geochemical samples (8)

No.	Sample No.	Coordinates E (km)	N (km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
386	ONS-076	429.2	1968.3	20	9	12	13	6.6	36	160
387	ONS-077	428.6	1968.3	100	55	20	32	1.1	29	160
388	ONS-078	428.3	1967.8	84	16	9	11	0.9	18	120
389	ONS-079	428.2	1967.3	31	15	13	18	6.1	39	120
390	ONS-080	427.7	1967.1	16	6	8	7	4.7	21	170
391	ONS-081	427.4	1967.5	46	9	7	29	1.2	48	100
392	ONS-082	427.0	1967.3	13	4	5	1	3.3	35	130
393	ONS-083	426.8	1967.6	17	4	9	6	5.5	34	190
394	ONS-084	426.3	1967.3	21	4	8	2	4.4	27	150
395	ONS-085	425.7	1966.8	71	23	26	26	9.8	37	200
396	ONS-086	425.4	1966.8	69	46	26	47	11.0	40	400
397	ONS-087	425.1	1967.3	79	20	22	29	4.3	28	280
398	ONS-088	424.6	1966.9	57	40	24	39	11.0	40	210
399	ONS-089	429.4	1969.1	17	5	8	2	1.6	14	180
400	ONS-090	429.6	1968.4	17	5	7	4	1.8	13	150
401	ONS-091	430.0	1967.3	69	26	12	24	1.9	16	230
402	ONS-092	432.5	1968.1	17	3	4	3	1.7	15	190
403	ONS-093	432.3	1969.1	16	3	5	4	3.1	17	190
404	ONS-094	431.9	1969.3	29	7	7	4	3.5	18	220
405	ONS-095	427.7	1966.8	17	4	6	6	3.5	25	170
406	ONS-096	427.8	1966.4	16	4	5	5	4.5	20	180
407	ONS-097	427.4	1966.3	10	2	5	3	4.2	14	330
408	ONS-098	426.7	1966.0	25	5	6	4	4.1	22	200
409	ONS-099	426.4	1966.0	92	21	22	20	4.7	21	180
410	ONS-100	426.2	1965.6	93	20	16	23	5.0	29	250
411	ONS-101	426.0	1965.0	57	16	16	29	6.4	29	450
412	ONS-102	425.6	1964.6	23	6	16	12	7.3	31	380
413	ONS-103	433.3	1959.7	31	6	32	100	3.8	20	310
414	ONS-104	434.2	1960.0	32	8	29	570	2.7	23	490
415	ONS-105	434.8	1960.1	16	7	11	70	2.7	24	290
416	ONS-106	435.3	1960.4	13	5	7	30	2.0	22	160
417	ONS-107	435.7	1960.7	18	7	5	5	3.2	17	260
418	ONS-108	435.9	1961.1	28	12	7	51	3.1	19	240
419	ONS-109	436.0	1961.6	36	7	6	4	3.6	15	180
420	ONS-110	436.2	1961.7	39	16	9	98	3.8	17	250
421	ONS-111	434.2	1956.6	14	4	8	8	1.1	21	290
422	ONS-112	434.6	1956.3	11	3	9	10	1.0	20	230
423	ONS-113	435.0	1956.2	26	9	11	22	1.8	20	240
424	ONS-114	435.5	1956.4	12	4	9	54	1.5	20	240
425	ONS-115	435.7	1956.6	12	4	11	120	1.8	21	230
426	ONS-116	436.0	1957.0	9	3	10	24	2.0	23	260
427	ONS-117	436.4	1957.2	12	5	10	51	2.4	23	260
428	ONS-118	436.7	1957.6	16	7	12	49	2.7	26	250
429	ONS-119	437.8	1945.8	14	4	10	6	3.4	22	310
430	ONS-120	438.1	1946.2	22	6	13	13	3.3	22	340
431	ONS-121	437.9	1946.7	16	3	10	4	3.0	20	250
432	ONS-122	438.3	1947.1	16	3	11	5	3.3	21	360
433	ONS-123	437.8	1947.3	13	4	9	6	3.0	17	260
434	ONS-124	437.4	1947.2	15	5	11	2	2.8	20	210
435	ONS-125	437.6	1947.5	19	6	14	10	3.8	25	370
436	ONS-126	437.3	1953.5	9	3	3	0	1.2	15	130
437	ONS-127	437.6	1953.8	17	5	8	3	2.3	17	200
438	ONS-128	437.9	1954.0	17	7	9	9	2.2	18	260
439	ONS-129	438.4	1954.2	14	5	7	3	2.3	15	200
440	ONS-130	438.6	1954.8	15	5	10	4	2.8	18	190

Chemical analyses of geochemical samples (9)

No.	Sample No.	Coordinates E(km)	N(km)	(ppm) Nb	Ta	Sn	W	Be	Li	F
441	ONS-131	438.3	1955.1	28	7	11	12	2.8	18	360
442	ONS-132	438.4	1955.5	19	5	8	4	3.5	24	310
443	ONS-133	438.3	1955.8	26	7	11	14	3.3	19	240
444	ONS-134	427.1	1970.9	130	34	22	18	5.3	26	220
445	ONS-135	426.9	1970.7	130	40	48	22	4.3	28	150
446	ONS-136	426.5	1970.6	280	74	36	32	6.2	28	190
447	ONS-137	426.1	1970.3	140	35	17	13	6.3	26	200
448	ONS-138	434.3	1951.3	19	5	10	5	4.5	29	340
449	ONS-139	433.8	1951.1	23	6	12	15	3.9	29	140
450	ONS-140	434.6	1951.6	12	4	8	20	2.8	18	250
451	ONS-141	435.0	1952.0	12	4	9	21	3.0	20	250
452	ONS-142	434.8	1951.8	15	4	9	24	3.8	35	150
453	ONS-143	435.1	1951.2	24	5	12	16	3.7	29	360
454	ONS-144	435.5	1950.8	17	4	12	10	3.8	30	300
455	ONS-145	425.7	1948.1	12	4	9	5	2.8	42	60
456	ONS-146	425.2	1948.0	31	22	19	12	11.0	54	520
457	ONS-147	424.8	1947.6	15	12	13	9	5.8	27	240
458	ONS-148	424.3	1947.6	36	33	15	8	7.8	42	240
459	ONS-149	423.9	1947.6	34	28	14	6	7.9	42	510
460	ONS-150	423.6	1947.3	52	33	21	16	16.0	53	590
461	ONS-151	423.1	1946.7	28	17	14	7	7.9	40	300
462	ONS-152	422.8	1947.0	56	51	26	19	17.0	66	710
463	ONS-153	422.3	1946.8	44	37	23	10	10.0	70	710
464	ONS-154	422.1	1947.0	27	25	20	10	5.2	57	310
465	ONS-155	421.6	1946.7	19	7	17	6	5.3	47	600
466	ONS-156	421.5	1946.6	20	10	18	10	5.3	46	680
467	ONS-157	424.8	1945.0	36	42	16	9	12.0	42	260
468	ONS-158	424.2	1945.1	34	22	16	11	11.0	47	510
469	ONS-159	423.6	1945.2	54	62	21	27	13.0	55	380
470	ONS-160	423.4	1944.6	29	31	20	11	7.0	54	360
471	ONS-161	423.2	1944.7	17	8	13	4	4.9	48	500
472	ONS-162	423.0	1944.6	18	15	14	8	4.9	43	340
473	ONS-163	422.7	1944.2	14	3	11	3	3.8	40	230
474	ONS-164	422.3	1944.3	14	4	11	5	3.3	35	400
475	ONS-165	421.8	1944.3	16	3	11	4	4.1	47	720
476	ONS-166	421.8	1944.3	17	3	13	8	4.0	46	220
477	ONS-167	426.3	1948.2	28	7	16	11	3.7	48	260
478	ONS-168	426.4	1948.5	39	46	21	32	6.7	42	400
479	ONS-169	429.7	1944.8	29	7	8	31	4.0	39	110
480	ONS-170	429.4	1944.8	26	6	6	8	4.2	33	220
481	ONS-171	428.9	1944.8	21	5	26	15	4.0	27	270
482	ONS-172	428.6	1944.9	17	4	22	12	3.7	23	110
483	ONS-173	428.5	1945.2	17	4	20	9	2.4	18	170
484	ONS-174	428.3	1945.6	21	5	24	19	3.9	28	360
485	ONS-175	428.4	1945.6	14	3	23	7	3.3	13	110
486	ONS-176	430.6	1944.6	19	4	10	27	5.4	85	480
487	ONS-177	431.5	1944.6	16	3	8	10	4.5	57	370
488	ONS-178	432.0	1944.4	17	4	7	8	4.8	52	140
489	ONS-179	434.9	1947.3	24	13	15	15	5.3	37	390
490	ONS-180	438.2	1947.7	25	8	18	16	5.2	52	410
491	ONS-181	438.9	1947.1	24	6	14	44	3.8	52	130
492	ONS-182	433.4	1947.4	27	11	15	24	4.9	54	400
493	ONS-183	433.3	1947.1	19	4	15	8	4.6	69	390
494	ONS-184	432.7	1947.0	17	4	11	15	4.6	61	170
495	ONS-185	432.3	1946.8	18	5	11	15	5.1	71	600

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
496	ONS-186	432.7	1949.5	34	10	24	7	6.2	51	460
497	ONS-187	432.6	1949.9	17	4	8	6	4.4	42	1230
498	ONS-188	432.7	1950.2	35	8	21	6	4.6	45	450
499	ONS-189	432.6	1950.8	35	9	22	12	6.4	28	480
500	ONS-190	432.5	1951.3	28	6	18	4	4.9	50	480
501	ONS-191	432.3	1951.8	28	6	17	2	4.8	43	420
502	ONS-192	420.6	1939.5	18	3	11	8	4.4	36	490
503	ONS-193	420.6	1938.4	22	4	15	4	6.2	66	590
504	ONS-194	421.2	1939.2	15	3	10	7	4.7	39	450
505	ONS-195	421.6	1939.2	27	5	18	6	4.2	52	390
506	ONS-196	422.1	1939.1	14	3	10	15	4.0	39	380
507	ONS-197	422.7	1938.6	14	3	12	2	4.3	46	500
508	ONS-198	422.8	1938.1	12	2	9	1	3.7	34	310
509	ONS-199	422.9	1933.6	13	3	12	4	3.9	32	340
510	ONS-200	422.8	1934.4	16	3	13	4	3.7	29	370
511	ONS-201	422.5	1934.9	15	3	12	3	3.4	29	380
512	ONS-202	422.0	1935.4	13	3	12	9	4.2	29	280
513	ONS-203	421.5	1935.5	14	3	14	1	5.1	37	370
514	ONS-204	421.3	1935.9	13	2	9	2	3.8	34	400
515	ONS-205	421.1	1935.8	15	3	14	18	5.5	34	350
516	ONS-206	424.1	1939.6	30	30	20	8	12.0	63	580
517	ONS-207	424.3	1940.2	22	9	16	24	8.3	43	560
518	ONS-208	423.9	1940.7	68	120	32	10	13.0	48	460
519	ONS-209	424.1	1941.0	19	11	16	14	6.8	40	600
520	ONS-210	424.6	1941.5	17	10	14	4	4.6	35	560
521	ONS-211	425.2	1941.4	18	4	15	4	6.3	43	530
522	ONS-212	425.2	1941.6	18	11	17	21	5.1	33	550
523	ONS-213	436.3	1937.3	16	4	12	42	4.5	33	520
524	ONS-214	435.9	1936.8	13	3	9	31	6.7	35	430
525	ONS-215	435.6	1937.3	14	3	10	12	3.8	36	400
526	ONS-216	435.4	1936.8	10	2	8	13	5.6	30	420
527	ONS-217	435.0	1937.2	16	3	12	7	4.8	35	360
528	ONS-218	429.2	1936.9	25	8	48	59	4.4	46	620
529	ONS-219	429.0	1936.6	69	23	66	45	11.0	53	690
530	ONS-220	428.8	1936.8	38	13	42	100	3.8	56	500
531	ONS-221	428.5	1936.4	14	3	24	10	3.7	43	610
532	ONS-222	428.2	1936.2	22	14	22	140	3.4	38	500
533	ONS-223	428.3	1935.8	34	11	30	320	4.1	66	590
534	ONS-224	428.4	1935.4	25	16	25	120	5.5	60	670
535	ONS-225	428.2	1935.1	20	4	26	34	5.5	59	700
536	ONS-226	428.5	1934.6	20	6	24	32	6.2	51	600
537	ONS-227	428.8	1934.4	24	9	18	240	7.3	27	430
538	ONS-228	428.8	1934.3	33	15	24	340	6.8	48	470
539	ONS-229	425.2	1979.2	19	3	2	8	2.0	12	340
540	ONS-230	425.0	1975.6	12	2	1	2	1.7	15	380
541	ONS-231	424.4	1979.8	6	2	3	0	1.2	8	100
542	ONS-232	424.1	1980.5	18	4	6	9	1.6	11	430
543	ONS-233	426.3	1981.0	10	2	0	2	2.1	14	320
544	ONS-234	425.8	1981.1	10	2	2	1	2.1	15	390
545	ONS-235	425.5	1980.8	15	3	3	2	2.0	14	300
546	ONS-236	425.1	1981.1	19	3	4	4	1.5	10	180
547	ONS-237	424.8	1980.7	9	2	2	0	1.5	11	180
548	ONS-238	423.6	1981.1	12	3	2	3	0.9	8	300
549	ONS-239	423.8	1981.6	12	3	6	1	2.2	10	290
550	ONS-240	424.4	1981.7	13	3	6	4	1.7	10	310

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
551	ONS-241	425.0	1981.9	9	3	4	2	1.2	9	330
552	ONS-242	425.6	1982.1	16	4	3	2	1.4	11	80
553	ONS-243	426.3	1982.4	36	7	5	2	1.5	8	100
554	ONS-244	426.5	1982.3	29	5	6	4	2.4	9	220
555	ONS-245	426.5	1982.2	14	3	5	1	1.9	10	190
556	ONS-246	425.9	1982.7	9	2	4	3	2.3	8	80
557	ONS-247	425.8	1982.8	18	4	3	4	2.3	11	140
558	ONS-248	422.5	1978.6	25	12	12	110	5.1	23	180
559	ONS-249	422.3	1978.3	24	9	14	29	6.7	27	1000
560	ONS-250	421.8	1978.0	15	5	12	110	6.7	25	70
561	ONS-251	421.4	1977.5	9	3	10	16	4.8	22	160
562	ONS-252	421.2	1970.8	27	18	16	85	9.9	31	270
563	ONS-253	421.2	1970.7	25	14	17	29	8.8	35	140
564	ONS-254	421.6	1970.8	22	13	16	52	6.9	28	350
565	ONS-255	421.8	1971.0	72	16	15	61	2.8	13	130
566	OPS-001	430.1	1944.3	92	26	8	56	4.3	26	240
567	OPS-002	429.5	1944.1	55	10	25	130	3.6	22	280
568	OPS-003	429.2	1943.6	32	8	15	28	4.7	30	290
569	OPS-004	428.8	1943.5	18	4	10	18	3.4	30	150
570	OPS-005	428.5	1942.9	13	3	9	25	3.5	28	180
571	OPS-006	428.3	1943.0	15	2	19	23	3.5	34	360
572	OSS-007	430.3	1944.5	53	17	7	37	3.5	37	170
573	OPS-008	430.8	1944.4	53	19	7	41	3.9	39	120
574	OPS-009	433.4	1947.9	60	19	27	58	4.1	36	430
575	OPS-010	432.9	1948.0	21	11	15	15	4.7	40	340
576	OPS-011	432.8	1948.9	24	7	25	7	4.7	60	250
577	OPS-012	431.8	1949.8	25	13	15	34	4.2	27	140
578	OPS-013	432.2	1949.7	13	4	11	13	4.7	24	520
579	OPS-014	432.2	1949.1	35	7	10	9	4.2	29	380
580	OPS-015	431.6	1950.2	56	17	15	34	4.1	33	250
581	OPS-016	431.4	1949.8	21	17	16	23	5.3	31	360
582	OPS-017	430.7	1949.9	19	12	13	14	4.8	27	320
583	OPS-018	430.7	1950.3	20	6	10	4	3.4	26	240
584	OPS-019	430.4	1950.3	18	6	12	3	4.3	31	490
585	OPS-020	430.0	1949.8	23	6	19	10	4.6	34	630
586	OPS-021	424.4	1936.8	27	17	25	13	14.0	65	420
587	OPS-022	423.9	1936.9	21	21	20	6	5.9	47	390
588	OPS-023	423.4	1937.7	16	8	16	8	3.9	31	410
589	OPS-024	423.8	1937.3	15	2	12	5	4.1	34	320
590	OPS-025	424.0	1938.2	23	58	21	6	4.5	42	470
591	OPS-026	424.3	1939.0	29	18	19	22	14.0	58	460
592	OPS-027	424.1	1938.8	21	24	19	5	5.9	46	270
593	OPS-028	424.0	1940.9	24	25	20	2	7.2	49	570
594	OPS-029	424.1	1941.7	29	31	22	6	8.3	44	540
595	OPS-030	424.1	1942.0	31	31	18	8	6.4	44	430
596	OPS-031	424.2	1942.4	18	10	21	3	8.0	43	640
597	OPS-032	424.1	1942.4	79	130	28	58	6.0	33	490
598	OPS-033	423.9	1942.9	60	150	31	14	5.5	34	400
599	OPS-034	423.7	1965.3	13	8	11	12	3.7	25	160
600	OPS-035	423.9	1965.8	13	4	10	86	2.9	18	150
601	OPS-036	423.9	1966.2	32	33	14	58	5.9	26	320
602	OPS-037	423.8	1966.2	43	31	23	35	9.7	42	260
603	OPS-038	429.5	1953.9	8	2	5	0	1.5	4	70
604	OPS-039	429.9	1954.3	11	3	11	27	2.6	31	210
605	OPS-040	420.9	1962.5	15	8	15	9	4.5	35	470

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
606	OPS-041	421.2	1962.4	23	9	18	17	6.1	43	420
607	OPS-042	421.2	1961.9	18	5	12	13	4.3	36	450
608	OPS-043	421.7	1961.8	22	12	13	35	6.8	36	450
609	OPS-044	422.1	1961.4	36	17	20	49	10.0	29	410
610	OPS-045	421.6	1961.1	16	21	9	14	2.7	12	400
611	OPS-046	421.2	1961.0	17	5	16	36	4.3	31	530
612	OPS-047	421.4	1960.7	18	5	13	13	3.2	30	410
613	OPS-048	421.5	1960.2	23	5	25	8	7.4	54	690
614	OPS-050	429.8	1955.3	26	5	13	10	3.8	43	330
615	OPS-052	426.2	1955.7	18	3	17	9	5.5	53	440
616	OPS-053	426.4	1955.5	15	3	19	10	5.5	48	400
617	OPS-054	426.6	1955.4	21	4	28	14	7.3	73	850
618	OPS-055	427.9	1954.9	15	3	16	10	6.2	56	590
619	OPS-056	427.4	1954.4	21	4	22	8	5.4	63	570
620	OPS-057	427.9	1954.6	18	4	17	7	3.9	52	740
621	OPS-058	428.3	1954.7	20	5	18	15	4.4	54	490
622	OPS-059	428.6	1954.5	20	4	19	23	4.8	53	590
623	OPS-060	429.0	1954.8	11	2	8	5	2.7	29	430
624	OPS-061	428.2	1954.7	15	2	11	10	2.4	38	330
625	OPS-062	429.4	1955.1	24	4	11	8	2.8	34	350
626	ORS-001	429.6	1950.3	14	5	10	8	3.6	31	240
627	ORS-002	428.9	1950.6	16	7	10	13	3.9	30	500
628	ORS-003	428.2	1950.8	12	4	9	7	3.5	27	320
629	ORS-004	427.5	1951.1	14	4	9	5	3.9	28	480
630	ORS-005	427.3	1951.3	11	3	7	4	2.0	22	410
631	ORS-006	426.9	1951.2	12	3	9	4	3.5	30	370
632	ORS-007	426.8	1951.6	17	7	11	10	2.6	24	270
633	ORS-008	426.6	1951.5	23	8	13	10	4.1	28	430
634	ORS-009	426.3	1951.7	24	15	10	21	3.6	27	330
635	ORS-010	426.2	1951.8	18	5	12	6	4.3	32	180
636	ORS-011	435.0	1941.6	26	7	15	93	3.7	34	530
637	ORS-012	435.2	1942.2	12	2	12	10	3.8	39	530
638	ORS-013	434.9	1942.6	13	2	13	11	3.8	45	210
639	ORS-014	434.7	1943.3	14	4	12	84	3.1	33	360
640	ORS-015	434.5	1943.8	18	4	16	47	4.2	45	420
641	ORS-016	435.1	1941.2	15	3	12	77	3.4	39	170
642	ORS-017	435.6	1941.4	19	3	13	5	5.3	52	620
643	ORS-018	435.7	1941.0	15	3	11	29	3.7	39	360
644	ORS-019	435.7	1940.6	9	2	7	13	2.5	44	150
645	ORS-020	430.8	1940.3	17	4	7	45	3.6	37	230
646	ORS-021	430.4	1940.7	15	3	6	23	3.4	30	180
647	ORS-022	430.2	1941.1	14	4	5	27	3.1	27	120
648	ORS-023	429.9	1941.5	17	4	6	37	4.1	29	210
649	ORS-024	431.4	1935.4	23	5	28	86	5.6	48	320
650	ORS-025	431.5	1935.3	23	6	28	51	6.5	59	250
651	ORS-026	431.6	1935.8	24	6	28	97	6.0	56	570
652	ORS-027	431.9	1936.0	22	5	28	66	6.0	57	530
653	ORS-028	432.3	1936.4	21	5	27	49	6.5	59	350
654	ORS-029	432.6	1936.8	26	7	24	170	6.0	47	520
655	ORS-030	433.3	1936.7	15	3	19	20	5.0	36	340
656	ORS-031	433.9	1937.3	16	3	9	20	3.5	44	230
657	ORS-032	433.8	1937.9	14	3	8	9	3.3	44	250
658	ORS-033	433.7	1937.8	18	3	12	8	5.7	53	350
659	ORS-034	434.2	1937.2	22	3	10	6	6.0	47	300
660	ORS-035	434.5	1936.8	12	3	11	52	3.7	26	170

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
661	OSS-001	429.4	1950.1	16	3	17	23	5.0	19	120
662	OSS-002	429.2	1949.7	21	4	12	8	3.3	39	200
663	OSS-003	428.5	1949.7	13	3	16	7	3.2	25	160
664	OSS-004	428.1	1949.7	10	2	8	3	3.0	39	140
665	OSS-005	427.3	1949.8	21	8	10	13	3.8	36	290
666	OSS-006	427.7	1949.6	43	12	18	76	2.2	28	220
667	OSS-007	427.3	1949.8	12	3	8	5	2.8	23	110
668	OSS-008	426.9	1949.8	19	9	9	20	2.5	40	220
669	OSS-009	426.6	1949.6	11	3	10	7	3.9	21	280
670	OSS-010	426.2	1949.4	19	11	11	18	2.9	29	100
671	OSS-011	426.0	1949.2	16	9	11	12	2.4	33	200
672	OSS-012	425.5	1949.3	15	4	10	7	2.2	41	230
673	OSS-013	425.4	1949.5	14	8	11	14	3.3	28	100
674	OSS-014	424.8	1949.5	17	11	13	3	4.5	40	330
675	OSS-015	424.5	1949.6	26	20	14	22	4.3	32	240
676	OSS-016	424.2	1949.5	17	8	12	6	3.1	24	80
677	OSS-017	426.8	1948.8	19	17	8	23	2.7	27	170
678	OSS-018	427.2	1949.7	18	9	16	13	6.1	37	310
679	OSS-019	432.6	1945.1	19	6	9	32	4.0	46	120
680	OSS-020	433.0	1945.4	19	4	15	70	5.0	58	490
681	OSS-021	433.7	1945.7	16	4	13	69	3.5	52	270
682	OSS-022	434.1	1945.9	19	4	11	27	3.7	42	140
683	OSS-023	434.5	1946.0	15	3	12	22	4.4	57	360
684	OSS-024	434.3	1946.4	23	5	14	28	4.2	48	360
685	OSS-025	431.6	1947.8	16	3	10	28	4.0	44	140
686	OSS-026	430.3	1947.9	17	4	12	8	5.8	49	370
687	OSS-027	430.6	1948.0	18	4	11	7	4.0	40	370
688	OSS-028	430.3	1947.8	35	6	12	14	3.6	34	140
689	OSS-029	430.0	1947.6	13	2	8	14	5.1	31	430
690	OSS-030	429.9	1947.6	21	4	11	17	4.2	30	360
691	OSS-031	431.8	1948.1	28	7	12	31	5.4	44	210
692	OSS-032	432.2	1948.4	22	8	10	15	4.8	30	150
693	OSS-033	433.6	1948.5	23	6	15	17	4.3	66	250
694	OSS-034	433.8	1948.9	26	6	18	12	4.4	55	270
695	OSS-035	433.7	1949.6	33	8	19	15	3.6	47	290
696	OSS-036	433.8	1949.8	22	6	17	9	4.7	34	600
697	OSS-037	437.1	1934.1	69	11	9	9	5.3	20	180
698	OSS-038	436.7	1933.9	20	3	8	3	3.9	41	460
699	OSS-039	436.8	1933.6	15	3	8	2	4.4	30	380
700	OSS-040	436.1	1933.6	26	4	15	50	7.0	36	340
701	OSS-041	435.8	1933.3	18	4	19	10	6.3	34	360
702	OSS-042	435.4	1933.4	19	4	11	13	6.7	27	340
703	OSS-043	435.2	1933.8	15	3	12	28	4.8	27	180
704	OSS-044	437.6	1934.4	28	4	11	7	4.3	23	510
705	OSS-045	439.1	1940.9	31	13	31	39	3.9	32	310
706	OSS-046	438.5	1940.4	18	6	12	8	3.0	27	150
707	OSS-047	438.5	1940.1	13	3	10	5	4.1	38	330
708	OSS-048	439.0	1939.2	14	4	18	9	4.0	26	290
709	OSS-049	438.9	1939.3	17	3	17	6	3.6	33	190
710	OSS-050	438.8	1938.8	23	4	13	9	4.5	33	420
711	OSS-051	439.2	1938.3	12	2	7	3	3.6	34	370
712	OSS-052	439.2	1937.9	14	3	8	7	3.6	30	370
713	OSS-053	440.1	1952.1	44	8	8	4	5.0	17	300
714	OSS-054	440.3	1951.5	34	6	8	5	3.6	17	290
715	OSS-055	440.5	1951.0	14	2	5	0	2.8	16	320

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
716	OSS-056	440.5	1950.0	33	6	16	12	2.9	15	470
717	OSS-057	440.3	1949.9	24	5	10	14	6.2	27	360
718	OSS-058	439.9	1950.2	41	6	6	7	3.0	15	240
719	OSS-059	422.5	1983.5	12	3	5	2	2.1	11	290
720	OSS-060	422.9	1982.7	13	3	7	1	5.3	20	460
721	OSS-061	422.9	1982.4	18	4	13	4	2.2	8	260
722	OSS-062	423.2	1982.2	8	2	5	1	3.7	15	350
723	OSS-063	423.2	1981.6	21	4	9	2	1.6	9	240
724	OSS-064	422.8	1981.3	19	3	4	1	2.7	10	260
725	OSS-065	422.5	1981.1	17	3	5	3	1.2	13	160
726	OSS-066	421.7	1980.2	18	4	18	9	5.5	27	450
727	OSS-067	421.0	1980.8	10	3	10	4	6.6	23	330
728	OSS-068	420.9	1981.4	25	5	8	6	2.8	20	310
729	OSS-069	421.2	1980.5	9	2	8	2	5.6	26	340
730	OSS-070	421.1	1979.9	12	3	13	0	6.4	42	250
731	OSS-071	421.0	1979.9	15	4	10	8	5.6	24	200
732	OUS-001	436.8	1977.3	8	3	5	4	3.1	4	70
733	OUS-002	436.5	1978.3	42	15	9	41	2.0	6	120
734	OUS-003	436.2	1978.5	96	47	10	11	2.5	9	220
735	OUS-004	436.1	1978.8	83	48	13	74	2.7	6	140
736	OUS-005	436.4	1979.3	14	3	7	2	1.2	9	160
737	OUS-006	436.1	1979.7	30	10	7	5	1.4	5	120
738	OUS-007	436.3	1979.8	3	1	3	3	0.4	4	120
739	OUS-008	436.4	1980.4	13	3	5	3	1.0	5	120
740	OUS-009	436.0	1980.6	11	2	7	17	1.9	6	100
741	OUS-010	435.8	1980.7	76	34	7	10	1.1	6	180
742	OUS-011	436.1	1981.3	17	4	6	2	3.4	6	150
743	OUS-012	435.6	1981.5	6	2	5	2	0.6	4	100
744	OUS-013	435.2	1982.1	7	1	4	1	6.4	3	60
745	OUS-014	435.5	1982.9	10	2	5	1	3.2	4	80
746	OUS-015	435.8	1983.3	21	2	5	2	8.8	4	60
747	OUS-016	435.8	1983.1	19	2	5	2	7.7	4	110
748	OUS-017	432.2	1982.9	12	3	5	5	0.8	6	140
749	OUS-018	431.5	1982.5	35	6	17	4200	2.2	8	290
750	OUS-019	430.5	1982.8	26	9	10	29	2.0	9	130
751	OUS-020	429.3	1982.7	20	3	6	10	1.6	9	110
752	OUS-021	428.5	1983.3	37	10	7	11	2.7	14	150
753	OUS-022	428.2	1983.1	22	4	6	5	1.7	9	120
754	OUS-023	429.3	1975.9	25	4	6	4	3.1	9	20
755	OUS-024	428.0	1976.2	85	14	8	7	2.5	9	60
756	OUS-025	428.7	1976.5	21	4	5	4	2.2	9	50
757	OUS-026	428.8	1976.7	35	5	7	7	3.0	11	80
758	OUS-027	428.7	1976.8	59	9	8	4	5.2	12	90
759	OUS-028	428.9	1977.2	52	8	6	3	2.5	11	60
760	OUS-029	429.2	1977.4	38	7	6	2	3.3	11	60
761	OUS-030	429.3	1977.3	17	3	16	2	1.6	7	60
762	OUS-031	429.6	1977.2	22	3	6	3	1.4	7	60
763	OUS-032	435.7	1978.7	47	16	12	10	2.6	4	90
764	OUS-033	435.5	1978.8	13	7	7	3	2.4	7	140
765	OUS-034	435.2	1978.7	9	3	8	15	1.1	4	80
766	OUS-035	435.2	1979.2	27	11	7	5	2.1	6	150
767	OUS-036	434.6	1979.3	7	3	6	3	0.7	3	70
768	OUS-037	434.3	1979.9	11	6	7	7	2.0	7	110
769	OUS-038	434.0	1980.2	32	16	10	8	3.6	8	180
770	OUS-039	434.6	1980.3	42	16	12	4	3.4	9	240

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
771	OUS-040	434.5	1980.2	54	24	12	7	4.0	11	320
772	OUS-041	425.1	1976.5	6	2	5	3	1.0	16	70
773	OUS-042	424.7	1975.9	10	2	9	15	2.8	21	200
774	OUS-043	425.1	1975.2	10	2	10	52	3.5	25	250
775	OUS-044	425.3	1976.3	11	2	10	7	3.7	14	220
776	OUS-045	425.3	1974.4	3	2	13	35	5.0	42	470
777	OUS-046	426.2	1974.6	10	2	9	5	3.5	15	280
778	OUS-047	426.4	1974.5	10	1	7	5	1.8	19	260
779	OUS-048	426.8	1974.9	23	3	13	12	1.8	18	300
780	OUS-049	427.1	1974.8	24	5	8	15	2.3	20	450
781	OUS-050	434.2	1968.4	21	5	8	7	2.1	8	200
782	OUS-051	435.3	1969.1	28	3	8	4	2.3	10	100
783	OUS-052	435.9	1969.0	16	4	8	3	2.3	12	290
784	OUS-053	436.3	1968.9	14	2	7	2	1.5	6	220
785	OUS-054	438.8	1972.4	15	3	5	1	2.4	23	110
786	OUS-055	439.2	1971.3	12	4	8	4	2.9	19	150
787	OUS-056	439.5	1970.2	3	1	4	1	2.0	13	70
788	OUS-057	439.7	1969.3	16	4	4	2	1.8	14	50
789	OUS-058	440.0	1969.1	29	8	5	2	2.0	15	40
790	OUS-059	429.2	1969.7	17	4	8	5	2.1	6	230
791	OUS-060	428.7	1970.5	13	2	6	4	1.3	11	90
792	OUS-061	429.6	1971.2	14	2	5	4	1.8	12	60
793	OUS-062	429.6	1971.3	29	5	10	3	3.1	12	100
794	OUS-063	429.6	1971.4	26	4	9	3	2.4	12	90
795	OUS-064	429.8	1971.6	21	4	5	3	2.4	9	80
796	OUS-065	430.2	1971.8	19	3	10	3	2.4	12	90
797	OUS-066	430.4	1972.2	33	6	7	2	4.1	14	80
798	OUS-067	430.3	1972.3	19	3	17	4	1.8	11	120
799	OUS-068	427.3	1969.9	154	34	21	23	4.6	29	200
800	OUS-069	426.8	1969.8	229	51	22	30	4.3	31	230
801	OUS-070	426.4	1969.4	59	13	15	9	5.4	22	130
802	OUS-071	426.0	1969.6	195	50	22	55	3.8	27	370
803	OUS-072	425.5	1970.0	136	33	17	25	3.9	27	350
804	OUS-073	425.2	1969.8	132	34	18	43	3.8	24	310
805	OUS-074	424.9	1969.7	65	13	15	14	4.5	26	440
806	OUS-075	424.6	1969.6	70	17	15	27	4.3	24	340
807	OUS-076	428.7	1968.9	37	8	15	42	3.3	33	300
808	OUS-077	428.3	1968.9	28	5	12	14	2.5	38	260
809	OUS-078	428.0	1969.2	16	3	11	4	4.0	42	250
810	OUS-079	427.5	1969.3	21	4	10	4	3.3	25	140
811	OUS-080	427.4	1969.0	62	12	10	8	3.4	24	120
812	OUS-081	426.9	1969.2	104	20	14	25	3.5	25	130
813	OUS-082	426.4	1969.0	47	8	12	9	3.6	24	130
814	OUS-083	426.1	1968.9	67	13	15	16	4.8	29	240
815	OUS-084	425.8	1968.9	33	5	14	8	5.3	28	170
816	OUS-085	434.3	1961.5	22	3	11	7	4.0	22	210
817	OUS-086	434.8	1962.1	31	6	13	88	2.8	24	240
818	OUS-087	434.5	1962.3	22	4	11	2	4.6	17	220
819	OUS-088	434.3	1962.7	13	2	10	0	4.8	22	230
820	OUS-089	434.3	1963.2	12	2	9	0	2.6	14	190
821	OUS-090	433.4	1963.5	13	2	11	5	3.6	21	270
822	OUS-091	433.0	1963.3	11	2	9	10	2.9	22	300
823	OUS-092	432.6	1963.5	12	2	9	3	3.1	21	300
824	OUS-093	431.9	1963.3	18	3	9	5	3.0	23	260
825	OUS-094	431.4	1962.8	15	5	8	5	2.4	17	160

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
826	OUS-095	430.9	1962.8	15	2	8	2	3.5	22	240
827	OUS-096	431.2	1962.6	13	2	8	0	3.3	22	250
828	OUS-097	432.3	1958.7	16	3	11	140	2.0	37	290
829	OUS-098	432.6	1958.4	11	2	9	21	2.7	30	280
830	OUS-099	432.9	1958.6	15	2	11	22	2.3	54	610
831	OUS-100	433.2	1958.3	11	2	8	17	2.5	32	400
832	OUS-101	431.9	1960.6	21	4	9	10	1.8	48	180
833	OUS-102	432.1	1960.1	19	3	9	9	3.9	32	260
834	OUS-103	430.4	1959.9	24	4	10	10	4.7	27	240
835	OUS-104	430.2	1960.3	19	3	14	7	6.2	36	350
836	OUS-105	429.5	1959.8	16	2	13	6	5.7	35	340
837	OUS-106	429.2	1959.4	15	2	14	7	6.7	36	370
838	OUS-107	427.9	1958.7	13	2	14	5	7.0	38	380
839	OUS-108	428.2	1959.2	19	4	11	6	7.0	30	300
840	OUS-109	436.5	1965.7	17	5	7	2	2.2	7	160
841	OUS-110	436.9	1965.5	11	3	6	2	2.3	7	130
842	OUS-111	437.4	1965.8	20	5	6	3	1.9	7	150
843	OUS-112	437.6	1965.7	11	2	7	0	2.6	9	160
844	OUS-113	437.8	1965.3	8	3	5	6	1.5	6	100
845	OUS-114	438.6	1965.5	21	5	8	5	2.8	9	180
846	OUS-115	439.1	1965.4	21	4	11	8	3.1	19	310
847	OUS-116	439.3	1965.6	14	3	6	0	2.1	6	190
848	OUS-117	439.7	1965.7	20	4	7	0	2.2	7	110
849	OUS-118	439.8	1965.4	8	2	6	1	1.7	9	180
850	OUS-119	439.8	1965.6	6	3	8	24	1.9	6	120
851	OUS-120	438.5	1956.1	27	7	9	7	2.4	7	110
852	OUS-121	437.9	1956.1	13	3	14	17	3.3	21	380
853	OUS-122	437.6	1956.4	37	18	29	95	7.2	43	660
854	OUS-123	437.6	1956.7	13	2	11	14	4.1	22	600
855	OUS-124	437.2	1957.0	15	5	17	40	4.4	26	600
856	OUS-125	437.3	1957.3	17	3	9	22	4.1	19	280
857	OUS-126	436.9	1957.7	8	2	11	18	2.2	24	130
858	OUS-127	436.9	1957.9	16	2	8	4	3.8	18	300
859	OUS-128	436.5	1958.2	15	7	9	8	2.7	24	210
860	OUS-129	436.3	1958.8	21	3	15	19	4.5	16	370
861	OUS-130	435.8	1959.0	19	9	12	41	3.4	29	220
862	OUS-131	437.6	1945.4	18	6	15	27	3.7	30	530
863	OUS-132	437.4	1944.8	11	3	15	6	2.2	23	310
864	OUS-133	437.0	1944.6	17	3	12	14	3.9	27	330
865	OUS-134	436.4	1943.9	10	2	10	18	3.9	30	660
866	OUS-135	436.0	1943.7	20	3	14	23	3.7	40	440
867	OUS-136	438.9	1972.9	11	4	6	4	5.2	16	210
868	OUS-137	438.9	1972.7	6	2	7	6	2.5	7	130
869	OUS-138	439.6	1972.3	22	10	6	5	4.6	14	150
870	OUS-139	440.1	1972.2	64	35	11	23	8.2	14	20
871	OUS-140	440.5	1972.2	7	2	4	1	1.3	9	40
872	OUS-141	432.3	1952.7	39	8	17	28	4.3	24	100
873	OUS-142	432.8	1952.8	42	10	20	19	3.7	31	160
874	OUS-143	432.7	1952.4	92	20	22	44	2.6	26	100
875	OUS-144	433.3	1952.2	19	4	11	9	4.3	18	110
876	OUS-145	433.2	1951.8	23	5	12	27	3.7	32	150
877	OUS-146	433.5	1951.3	48	13	18	32	2.4	27	140
878	OUS-147	435.3	1952.7	9	3	6	5	1.8	17	420
879	OUS-148	435.6	1953.3	6	1	6	33	1.9	17	140
880	OUS-149	435.9	1953.2	12	4	5	1	1.4	12	50

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
881	OUS-150	436.1	1953.6	11	3	4	1	1.6	13	70
882	OUS-151	436.2	1954.1	25	6	9	4	1.8	12	50
883	OUS-152	436.0	1954.3	13	4	5	1	1.8	11	40
884	OUS-153	425.9	1952.8	15	5	10	13	2.9	38	100
885	OUS-154	425.6	1952.9	15	5	9	5	4.6	30	120
886	OUS-155	425.5	1953.4	15	3	14	2	6.3	42	170
887	OUS-156	425.8	1954.0	17	3	17	7	7.7	43	230
888	OUS-157	425.6	1954.3	15	3	20	2	7.9	41	730
889	OUS-158	425.4	1954.3	21	10	18	4	5.6	31	450
890	OUS-159	425.3	1955.0	18	4	26	7	8.6	52	620
891	OUS-160	424.7	1955.2	24	10	12	2	4.4	28	400
892	OUS-161	424.7	1955.4	15	5	15	3	5.3	32	350
893	OUS-162	429.9	1950.3	15	4	7	6	2.5	31	230
894	OUS-163	430.1	1950.9	18	4	10	3	3.8	43	310
895	OUS-164	429.9	1950.9	5	1	4	1	1.6	24	250
896	OUS-165	429.5	1951.5	7	1	2	0	1.2	25	240
897	OUS-166	429.3	1951.5	5	2	3	2	1.7	25	220
898	OUS-167	429.1	1951.7	5	1	4	0	1.3	20	160
899	OUS-168	430.3	1951.2	21	6	11	1	3.8	46	290
900	OUS-169	430.9	1951.8	25	4	15	5	4.7	46	340
901	OUS-170	430.7	1951.9	15	3	11	0	3.4	43	440
902	OUS-171	430.6	1951.8	12	3	9	0	3.8	37	190
903	OUS-172	430.3	1951.9	10	4	5	8	2.8	30	220
904	OUS-173	437.0	1934.9	15	3	17	32	5.5	42	380
905	OUS-174	436.7	1934.7	21	3	17	32	5.5	42	490
906	OUS-175	436.2	1934.3	22	4	24	34	7.5	41	660
907	OUS-176	435.8	1934.7	19	3	14	35	10.0	36	610
908	OUS-177	435.6	1934.5	16	3	14	9	7.4	36	770
909	OUS-178	435.5	1934.7	20	3	17	100	7.1	32	610
910	OUS-179	434.7	1934.6	16	3	19	15	5.6	43	490
911	OUS-180	433.7	1934.3	22	3	13	16	5.8	27	460
912	OUS-181	434.0	1934.5	18	4	29	16	6.0	54	500
913	OUS-182	439.2	1946.7	15	4	11	1	5.9	25	440
914	OUS-183	439.3	1946.8	14	5	7	0	5.8	18	320
915	OUS-184	439.8	1947.3	17	4	12	1	4.5	26	470
916	OUS-185	439.9	1947.2	20	3	10	3	3.8	26	530
917	OUS-186	440.4	1946.9	13	3	8	14	3.7	18	340
918	OUS-187	440.2	1947.8	26	4	13	5	3.2	16	410
919	OUS-188	439.8	1948.0	35	13	13	8	4.5	18	390
920	OUS-189	439.6	1948.4	10	2	8	0	3.0	18	400
921	OUS-190	423.9	1965.2	19	4	14	89	3.3	24	330
922	OUS-191	423.7	1964.7	16	4	20	47	4.9	16	440
923	OUS-192	423.5	1964.6	15	5	17	13	3.7	15	450
924	OUS-193	423.6	1964.4	13	3	20	18	3.2	13	420
925	OUS-194	423.8	1964.1	18	4	23	30	3.7	18	390
926	OUS-195	423.7	1963.3	16	3	20	11	3.2	16	330
927	OUS-196	424.3	1963.2	17	3	22	13	3.4	23	350
928	OUS-197	424.4	1963.1	16	3	22	12	3.2	28	160
929	OUS-198	424.6	1962.9	14	2	19	7	3.1	26	200
930	OUS-199	424.5	1962.8	27	6	24	71	3.4	27	250
931	OUS-200	423.2	1963.3	18	5	16	50	5.6	28	270
932	OUS-201	422.8	1963.5	25	9	12	14	6.5	20	180
933	OUS-202	423.3	1964.3	30	16	25	15	9.9	50	490
934	OUS-203	423.1	1964.5	18	5	19	11	4.3	39	410
935	OUS-204	422.9	1964.3	18	4	18	9	7.0	39	360

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
936	OUS-205	422.8	1964.6	17	3	20	8	7.8	42	360
937	OUS-206	422.7	1964.4	20	3	17	9	5.2	35	540
938	OUS-207	422.3	1964.4	18	6	14	15	10.0	37	450
939	OUS-208	421.5	1964.3	21	10	18	15	8.2	46	570
940	OUS-209	420.9	1964.5	16	4	19	15	3.5	33	900
941	OUS-210	420.8	1964.7	120	220	51	41	8.6	46	1060
942	OUS-211	420.6	1964.8	30	21	16	20	9.4	36	730
943	OUS-212	421.7	1959.8	31	11	23	11	5.4	48	630
944	OUS-213	421.6	1959.7	28	6	24	14	6.9	42	570
945	OUS-214	421.8	1959.5	25	20	26	21	8.1	40	510
946	OUS-215	422.3	1959.5	30	16	20	30	8.5	46	480
947	OUS-216	422.4	1959.2	18	5	19	12	4.7	34	550
948	OUS-217	422.8	1958.9	21	5	22	13	6.4	38	580
949	OUS-218	422.9	1958.3	27	8	24	33	7.2	45	590
950	OUS-219	422.6	1958.3	36	14	31	27	9.1	55	470
951	OUS-220	422.7	1957.7	23	4	24	19	7.4	48	470
952	OUS-221	422.7	1957.6	25	14	27	16	7.5	38	480
953	OUS-222	422.8	1957.5	25	12	26	21	7.1	38	500
954	OYS-001	436.9	1976.7	77	18	10	24	1.6	5	90
955	OYS-002	436.3	1976.9	111	31	10	57	1.5	5	280
956	OYS-003	435.8	1976.8	14	5	13	6	1.4	5	170
957	OYS-004	435.4	1977.3	68	13	9	22	1.7	6	150
958	OYS-005	435.2	1977.7	25	4	6	8	1.8	6	180
959	OYS-006	434.7	1977.6	52	14	7	37	1.3	5	130
960	OYS-007	434.4	1977.8	77	14	8	40	1.6	6	140
961	OYS-008	433.7	1977.7	64	10	9	4	1.4	6	160
962	OYS-009	433.4	1977.8	42	7	6	3	1.2	5	120
963	OYS-010	433.1	1978.2	41	7	6	2	1.2	5	100
964	OYS-011	432.8	1978.6	130	18	8	5	1.4	9	140
965	OYS-012	432.6	1979.1	8	3	5	11	1.4	5	90
966	OYS-013	432.4	1979.3	12	2	6	19	2.0	9	210
967	OYS-014	432.3	1978.9	31	6	5	7	1.6	7	130
968	OYS-015	432.2	1978.6	18	3	5	1	1.8	8	110
969	OYS-016	431.0	1982.0	17	3	11	810	1.8	8	200
970	OYS-017	431.1	1981.6	150	24	34	10000	1.9	10	300
971	OYS-018	430.9	1981.3	32	8	47	3700	3.8	13	630
972	OYS-019	430.6	1981.3	19	2	14	890	3.1	28	450
973	OYS-020	430.3	1980.3	18	4	5	24	1.7	8	140
974	OYS-021	430.3	1980.3	23	4	5	7	1.6	8	150
975	OYS-022	430.4	1980.0	17	3	5	5	2.0	9	180
976	OYS-023	430.1	1981.1	14	3	11	12	4.1	16	160
977	OYS-024	429.7	1980.7	20	3	7	5	3.3	11	110
978	OYS-025	427.6	1976.3	15	2	6	4	2.5	11	130
979	OYS-026	427.5	1976.8	57	9	11	7	1.6	9	190
980	OYS-027	427.8	1977.1	39	6	9	4	2.7	11	200
981	OYS-028	428.1	1977.7	21	3	5	2	2.9	11	100
982	OYS-029	428.2	1978.3	55	9	6	5	3.3	11	100
983	OYS-030	428.5	1978.7	3	1	4	1	3.6	11	110
984	OYS-031	428.7	1978.9	110	20	7	8	3.8	13	100
985	OYS-032	428.7	1979.3	31	5	8	6	2.9	11	160
986	OYS-033	437.8	1975.5	5	0	4	5	2.8	5	100
987	OYS-034	438.1	1976.0	6	1	4	1	3.9	6	110
988	OYS-035	438.6	1976.1	15	9	5	6	4.9	4	60
989	OYS-036	438.5	1976.5	8	1	4	2	5.5	5	60
990	OYS-037	439.0	1976.9	6	1	5	3	5.0	9	100

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
991	OYS-038	439.2	1977.2	9	2	4	3	5.6	6	50
992	OYS-039	439.4	1977.6	12	2	5	4	2.3	6	60
993	OYS-040	439.7	1977.9	10	1	6	3	2.2	5	40
994	OYS-041	428.0	1975.8	36	5	6	7	1.8	13	80
995	OYS-042	438.5	1975.8	4	0	4	2	0.6	15	40
996	OYS-043	429.0	1975.8	54	8	7	7	4.2	18	120
997	OYS-044	428.8	1975.3	43	6	6	5	2.2	12	110
998	OYS-045	429.0	1974.9	50	8	8	8	1.9	12	140
999	OYS-046	429.5	1974.6	23	3	6	4	2.0	11	90
1000	OYS-047	429.7	1974.3	22	4	5	4	1.8	15	150
1001	OYS-048	430.3	1974.4	23	3	6	4	2.5	12	120
1002	OYS-049	437.0	1968.8	12	2	6	2	1.8	8	100
1003	OYS-050	437.3	1968.7	16	5	7	6	2.2	8	100
1004	OYS-051	437.9	1968.7	15	5	8	2	2.9	12	240
1005	OYS-052	437.8	1968.8	11	3	5	3	1.8	7	100
1006	OYS-053	437.9	1969.4	7	1	5	2	1.6	6	140
1007	OYS-054	432.9	1969.2	30	4	7	11	3.2	14	120
1008	OYS-055	433.7	1969.3	58	10	8	23	2.4	11	140
1009	OYS-056	433.9	1969.1	9	1	6	9	3.5	8	120
1010	OYS-057	434.4	1969.5	42	5	10	6	3.8	12	330
1011	OYS-058	434.2	1970.2	25	4	6	9	2.7	10	110
1012	OYS-059	434.7	1970.2	34	6	8	10	2.5	10	50
1013	OYS-060	435.0	1970.5	26	3	7	10	2.5	10	320
1014	OYS-061	434.8	1971.2	38	5	10	10	2.5	11	240
1015	OYS-062	435.3	1971.4	23	4	13	9	2.5	9	80
1016	OYS-063	427.6	1971.7	15	2	10	18	1.9	16	230
1017	OYS-064	428.0	1972.0	17	2	14	7	2.0	17	230
1018	OYS-065	428.6	1972.2	21	3	9	5	2.7	13	120
1019	OYS-066	428.4	1972.6	23	3	16	7	2.1	18	190
1020	OYS-067	428.6	1973.0	23	2	15	10	2.3	18	150
1021	OYS-068	428.8	1973.3	21	3	16	34	2.1	18	150
1022	OYS-069	428.8	1973.7	18	2	14	11	1.8	18	290
1023	OYS-070	428.6	1974.0	16	5	18	65	1.7	14	310
1024	OYS-071	422.4	1975.4	22	5	28	340	3.8	23	170
1025	OYS-072	422.5	1975.7	18	4	54	76	3.2	25	220
1026	OYS-073	423.2	1975.5	28	7	23	290	4.7	38	340
1027	OYS-074	422.6	1975.0	16	2	11	175	3.7	24	230
1028	OYS-075	422.7	1974.8	39	8	26	1900	4.3	32	340
1029	OYS-076	422.9	1974.6	49	25	25	330	5.6	32	440
1030	OYS-077	423.7	1974.6	72	10	23	460	4.5	32	230
1031	OYS-078	423.7	1974.3	28	8	23	420	6.2	37	270
1032	OYS-079	431.9	1966.8	20	5	10	10	3.8	20	360
1033	OYS-080	431.7	1966.5	42	9	10	9	3.4	16	260
1034	OYS-081	431.3	1966.0	19	4	8	8	2.2	14	130
1035	OYS-082	431.3	1965.6	11	2	9	3	2.8	12	80
1036	OYS-083	431.2	1965.7	21	5	11	9	2.4	14	270
1037	OYS-084	431.1	1965.3	36	7	9	15	2.9	15	240
1038	OYS-085	431.3	1965.1	13	3	8	8	2.0	14	70
1039	OYS-086	431.1	1964.8	10	2	7	12	1.8	15	180
1040	OYS-087	429.9	1964.8	20	5	9	23	1.3	16	160
1041	OYS-088	433.8	1961.9	20	4	11	31	3.5	22	350
1042	OYS-089	433.4	1961.6	21	4	14	60	2.9	33	360
1043	OYS-090	433.3	1961.8	17	3	10	15	2.9	27	250
1044	OYS-091	432.5	1961.6	33	7	11	86	2.9	32	200
1045	OYS-092	432.3	1961.9	21	4	13	86	3.3	33	410

Chemical analyses of geochemical samples (20)

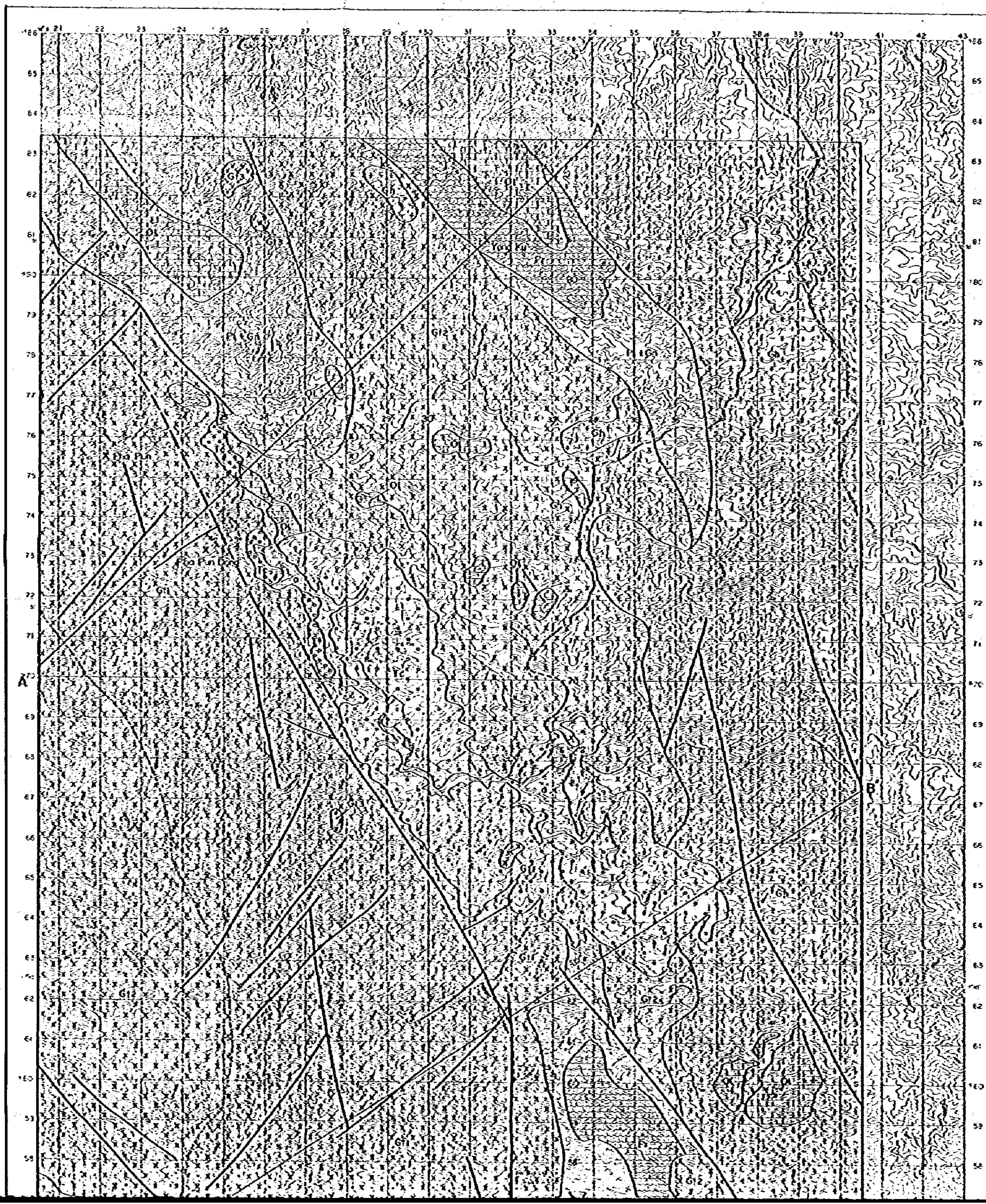
No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
1046	OYS-093	432.1	1962.2	37	7	13	16	3.2	28	150
1047	OYS-094	431.5	1962.1	46	9	13	9	3.2	17	150
1048	OYS-095	430.8	1962.2	62	12	16	7	3.6	18	250
1049	OYS-096	431.6	1957.4	19	4	8	8	2.8	24	260
1050	OYS-097	431.1	1957.0	15	2	8	11	1.8	27	140
1051	OYS-098	431.0	1957.3	14	2	8	3	2.5	27	220
1052	OYS-099	430.6	1957.3	16	3	8	10	2.3	26	190
1053	OYS-100	432.5	1961.0	17	3	8	10	2.3	32	110
1054	OYS-101	432.7	1960.7	16	2	12	21	3.4	27	290
1055	OYS-102	432.6	1960.5	17	3	9	26	3.4	32	190
1056	OYS-103	432.4	1959.9	17	3	16	26	3.7	34	140
1057	OYS-104	431.9	1959.5	13	2	8	3	3.1	31	190
1058	OYS-105	432.1	1959.3	14	3	11	96	2.2	36	180
1059	OYS-106	431.9	1958.7	14	2	10	7	3.7	36	140
1060	OYS-107	431.9	1957.9	14	2	9	13	3.3	32	290
1061	OYS-108	431.8	1957.6	18	3	8	9	3.5	31	300
1062	OYS-109	431.8	1957.2	17	3	9	4	3.7	33	40
1063	OYS-110	432.1	1957.3	15	2	9	87	3.8	24	230
1064	OYS-111	440.1	1965.9	5	0	5	1	2.0	8	100
1065	OYS-112	440.2	1965.3	16	2	8	3	2.2	7	400
1066	OYS-113	439.8	1964.9	9	2	6	3	2.4	9	110
1067	OYS-114	440.2	1964.4	9	1	6	4	2.5	9	120
1068	OYS-115	440.3	1963.8	9	2	14	13	2.7	7	160
1069	OYS-116	440.2	1963.1	9	2	7	4	2.4	10	120
1070	OYS-117	440.1	1962.6	13	5	7	10	2.4	8	130
1071	OYS-118	439.7	1962.7	9	2	5	2	1.9	7	100
1072	OYS-119	438.6	1956.5	28	8	18	40	3.7	22	310
1073	OYS-120	438.7	1956.8	16	3	7	7	4.4	14	190
1074	OYS-121	439.3	1957.3	31	5	10	10	3.2	14	170
1075	OYS-122	438.6	1957.6	30	9	11	38	4.0	14	240
1076	OYS-123	438.9	1958.1	27	6	11	10	4.4	16	240
1077	OYS-124	438.5	1958.0	36	9	9	24	3.7	14	200
1078	OYS-125	438.4	1958.3	39	12	14	110	4.2	15	230
1079	OYS-126	438.1	1958.5	31	7	14	21	4.4	15	270
1080	OYS-127	437.5	1958.4	31	11	12	41	4.0	15	230
1081	OYS-128	438.1	1945.7	15	3	12	7	4.3	20	220
1082	OYS-129	438.2	1944.9	29	13	16	23	5.4	33	370
1083	OYS-130	438.1	1944.5	23	9	20	24	4.3	27	280
1084	OYS-131	438.5	1943.5	27	14	20	39	4.2	25	240
1085	OYS-132	438.4	1943.1	20	7	15	19	4.9	33	390
1086	OYS-133	438.0	1942.3	17	4	14	29	4.6	27	250
1087	OYS-134	439.5	1956.0	34	8	9	11	3.9	13	190
1088	OYS-135	439.6	1955.5	23	3	9	6	3.2	12	250
1089	OYS-136	439.8	1955.5	27	7	9	28	3.2	13	190
1090	OYS-137	440.7	1955.1	25	3	12	7	4.4	15	290
1091	OYS-138	440.8	1954.8	13	4	13	14	3.7	10	310
1092	OYS-139	440.6	1954.7	48	18	13	61	4.0	14	210
1093	OYS-140	440.5	1953.8	51	15	12	46	3.7	13	220
1094	OYS-141	429.6	1967.3	15	6	8	6	1.9	15	130
1095	OYS-142	429.5	1966.7	37	9	7	16	2.5	16	130
1096	OYS-143	429.2	1966.2	18	3	6	9	3.5	15	180
1097	OYS-144	428.8	1965.8	20	3	7	7	4.3	15	210
1098	OYS-145	428.3	1965.6	28	6	8	8	4.0	15	200
1099	OYS-146	438.3	1964.8	2	0	3	1	1.4	5	120
1100	OYS-147	438.2	1964.3	7	0	4	3	1.0	5	60

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
1101	OYS-148	438.4	1963.6	6	0	4	2	1.2	4	100
1102	OYS-149	438.6	1962.9	34	14	12	7	1.8	11	100
1103	OYS-150	438.7	1962.6	17	5	12	9	2.1	13	190
1104	OYS-151	439.2	1961.8	13	3	9	11	2.4	7	110
1105	OYS-152	439.0	1961.4	12	2	9	9	2.8	7	140
1106	OYS-153	438.8	1961.2	20	4	13	36	1.7	11	240
1107	OYS-154	438.2	1961.2	16	3	11	11	3.4	7	130
1108	OYS-155	432.2	1954.8	19	3	10	190	3.4	18	230
1109	OYS-156	432.3	1954.3	31	6	15	41	3.1	22	230
1110	OYS-157	432.4	1954.0	21	3	10	41	3.8	23	180
1111	OYS-158	432.5	1953.6	16	2	10	12	3.5	26	230
1112	OYS-159	432.0	1953.7	18	3	9	9	2.8	20	160
1113	OYS-160	431.7	1953.7	19	3	8	7	2.6	19	160
1114	OYS-161	431.3	1953.2	20	4	8	10	2.6	21	160
1115	OYS-162	435.1	1952.7	15	3	9	26	3.5	21	250
1116	OYS-163	435.0	1953.2	15	4	7	64	2.2	15	330
1117	OYS-164	434.6	1953.6	16	4	7	48	2.4	14	200
1118	OYS-165	434.6	1954.1	10	2	7	320	2.6	16	180
1119	OYS-166	434.9	1954.3	7	2	1	66	2.2	18	150
1120	OYS-167	424.9	1952.3	33	14	1	16	8.4	42	370
1121	OYS-168	424.4	1952.4	30	16	0	10	7.9	44	380
1122	OYS-169	424.0	1952.3	51	23	0	14	9.7	42	390
1123	OYS-170	423.7	1952.2	27	14	15	9	7.1	49	470
1124	OYS-171	423.2	1951.8	22	9	15	8	6.9	43	400
1125	OYS-172	422.7	1951.9	36	19	17	10	7.7	48	490
1126	OYS-173	422.7	1951.7	30	17	14	11	6.5	50	480
1127	OYS-174	422.4	1951.7	35	27	15	10	6.9	52	380
1128	OYS-175	422.3	1951.9	20	10	15	10	4.4	45	500
1129	OYS-176	421.9	1951.9	28	14	15	12	5.7	45	520
1130	OYS-177	424.8	1951.9	34	19	17	14	6.9	37	280
1131	OYS-178	424.7	1951.7	22	13	16	11	6.5	36	380
1132	OYS-179	424.1	1951.5	46	32	18	15	6.8	36	330
1133	OYS-180	423.6	1950.8	33	19	19	20	5.8	40	310
1134	OYS-181	436.6	1941.0	14	3	10	37	3.4	34	250
1135	OYS-182	436.9	1940.3	14	3	10	29	3.5	32	270
1136	OYS-183	437.1	1940.1	15	3	10	32	3.5	33	250
1137	OYS-184	437.5	1940.4	16	5	10	93	3.6	32	220
1138	OYS-185	437.8	1941.3	18	4	11	65	3.6	34	320
1139	OYS-186	438.4	1941.4	26	8	13	400	3.3	30	290
1140	OYS-187	438.7	1941.6	25	13	15	27	4.1	24	280
1141	OYS-188	438.4	1941.8	23	10	14	21	4.1	26	320
1142	OYS-189	438.1	1941.6	35	23	18	56	4.5	25	350
1143	OYS-190	437.8	1941.9	19	9	12	16	4.4	26	240
1144	OYS-191	434.6	1940.9	13	4	11	42	3.7	36	310
1145	OYS-192	434.3	1940.8	12	3	10	35	3.4	34	290
1146	OYS-193	434.1	1940.5	13	3	11	20	3.7	40	140
1147	OYS-194	433.9	1940.5	11	3	8	35	2.8	37	150
1148	OYS-195	433.3	1940.7	10	3	3	9	3.2	37	70
1149	OYS-196	433.4	1940.4	12	3	11	52	3.4	33	130
1150	OYS-197	432.9	1940.2	14	3	12	30	3.6	35	260
1151	OYS-198	433.0	1939.8	19	4	14	83	3.9	38	220
1152	OYS-199	428.9	1939.5	14	3	20	13	5.6	41	280
1153	OYS-200	429.7	1939.3	19	3	20	18	4.9	36	360
1154	OYS-201	429.6	1939.2	13	3	18	15	5.5	37	360
1155	OYS-202	429.3	1939.2	14	3	20	13	5.5	39	290

Chemical analyses of geochemical samples (22)

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
1156	OYS-203	437.8	1934.7	18	5	11	23	4.7	23	440
1157	OYS-204	438.3	1934.7	24	10	13	30	4.0	21	240
1158	OYS-205	438.8	1934.6	25	11	14	32	4.3	20	170
1159	OYS-206	439.2	1934.7	22	7	13	24	4.7	24	330
1160	OYS-207	439.2	1935.4	18	6	15	17	4.8	25	320
1161	OYS-208	439.8	1935.3	13	3	18	6	4.5	33	250
1162	OYS-209	439.9	1934.8	10	2	34	19	5.9	15	380
1163	OYS-210	440.1	1934.5	42	16	20	43	4.5	16	290
1164	OYS-211	440.3	1934.2	14	4	11	10	4.3	19	200
1165	OYS-212	439.8	1937.3	23	8	21	35	5.1	23	460
1166	OYS-213	439.8	1936.6	13	3	15	14	2.0	21	250
1167	OYS-214	439.9	1936.3	14	3	15	14	3.3	20	220
1168	OYS-215	440.1	1936.3	19	4	13	11	3.8	17	470
1169	OYS-216	439.3	1941.9	17	4	11	11	4.1	16	210
1170	OYS-217	439.6	1942.3	14	4	17	10	3.4	24	230
1171	OYS-218	439.2	1942.5	22	7	10	15	4.0	16	260
1172	OYS-219	438.6	1942.5	16	5	10	13	4.2	16	180
1173	OYS-220	438.8	1942.9	12	3	10	10	4.0	18	140
1174	OYS-221	439.4	1943.1	23	8	11	13	4.2	17	250
1175	OYS-222	440.3	1943.1	10	3	10	7	3.9	18	250
1176	OYS-223	440.4	1943.3	25	9	12	17	4.1	15	140
1177	OYS-224	440.1	1943.5	13	4	9	8	4.7	20	330
1178	OYS-225	439.7	1943.6	120	78	20	210	6.8	19	320
1179	OYS-226	439.5	1944.0	18	8	14	21	4.5	19	140
1180	OYS-227	439.7	1944.3	13	3	10	5	4.4	30	450
1181	OYS-228	439.9	1944.3	12	3	13	6	5.5	23	280
1182	OYS-229	439.9	1944.7	17	6	11	12	4.3	18	170
1183	OYS-230	439.8	1945.1	12	3	8	3	4.6	31	680
1184	OYS-231	439.3	1945.3	16	4	10	9	5.1	24	420
1185	OYS-232	439.4	1945.7	19	5	10	9	5.4	20	140
1186	OYS-233	439.8	1945.8	19	7	11	17	4.2	19	300
1187	OYS-234	440.0	1945.7	17	7	14	7	6.6	23	340
1188	OYS-235	440.2	1945.4	15	5	10	11	4.0	18	100
1189	OYS-236	440.6	1945.6	19	8	6	5	5.7	14	190
1190	OYS-237	439.2	1950.9	16	3	9	13	3.8	22	290
1191	OYS-238	439.3	1950.6	16	5	8	11	3.9	16	120
1192	OYS-239	439.2	1950.0	10	2	8	9	3.3	18	220
1193	OYS-240	439.1	1950.5	10	3	7	7	4.0	19	220
1194	OYS-241	439.8	1950.2	12	3	8	9	3.6	18	140
1195	OYS-242	439.5	1950.0	13	3	9	9	4.0	19	260
1196	OYS-243	438.9	1949.8	15	4	10	7	3.2	16	230
1197	OYS-244	439.4	1949.7	13	3	9	11	3.9	18	170
1198	OYS-245	422.3	1964.7	35	26	21	29	14.0	45	460
1199	OYS-246	421.9	1964.9	24	11	23	15	13.0	52	480
1200	OYS-247	421.6	1965.1	35	17	20	22	15.0	52	320
1201	OYS-248	421.4	1965.2	30	16	26	18	13.0	58	500
1202	OYS-249	420.8	1965.4	42	39	23	31	12.0	46	490
1203	OYS-250	421.0	1966.0	33	20	24	26	11.0	47	310
1204	OYS-251	420.9	1966.3	28	24	21	30	10.0	40	410
1205	OYS-252	421.2	1966.6	28	17	26	25	11.0	55	490
1206	OYS-253	421.4	1966.9	20	11	23	22	9.1	52	300
1207	OYS-254	421.6	1967.3	33	29	24	15	7.8	55	510
1208	OYS-255	422.6	1963.2	15	4	16	15	6.5	31	290
1209	OYS-256	422.1	1963.5	44	20	21	21	14.0	44	380
1210	OYS-257	421.9	1963.3	34	21	16	25	9.7	21	360

No.	Sample No.	Coordinates E(km)	N(km)	Nb	Ta	Sn	W	Be	Li	(ppm) F
1211	OYS-258	421.7	1963.4	20	8	18	20	6.0	34	370
1212	OYS-259	421.6	1963.2	24	22	19	15	6.3	59	1460
1213	OYS-260	421.3	1962.9	44	20	20	25	14.0	18	290
1214	OYS-261	422.7	1962.9	12	3	13	14	2.9	26	330
1215	OYS-262	422.9	1962.7	24	17	19	34	6.8	40	460
1216	OYS-263	422.6	1963.4	38	20	16	34	8.6	29	350
1217	OYS-264	422.9	1962.9	16	3	19	22	4.1	44	350
1218	OYS-265	423.3	1962.3	16	5	14	12	5.3	27	310
1219	OYS-266	423.6	1962.1	31	6	21	99	5.0	32	380
1220	OYS-267	423.4	1962.0	22	6	17	41	5.8	32	330
1221	OYS-268	423.9	1961.8	19	4	22	29	4.7	35	330
1222	OYS-269	424.1	1961.7	18	4	21	21	4.8	37	400
1223	OYS-270	424.3	1961.2	19	6	20	33	4.4	30	290
1224	OYS-271	424.3	1960.8	17	3	23	24	5.4	41	400
1225	OYS-272	422.9	1960.4	19	5	19	18	6.7	41	470
1226	OYS-273	424.2	1960.2	27	12	18	30	9.7	29	350
1227	OYS-274	424.3	1959.7	15	3	20	19	4.9	34	370
1228	OYS-275	424.6	1959.5	16	3	20	23	4.7	33	480
1229	OYS-276	424.6	1959.3	15	3	20	18	5.2	32	380
1230	OYS-277	424.8	1959.1	16	4	19	41	4.4	37	360
1231	OYS-278	424.0	1966.8	13	2	16	17	5.2	31	390
1232	OYS-279	424.0	1967.1	14	3	17	16	5.5	32	560
1233	OYS-280	423.8	1967.3	16	3	14	15	4.2	34	310
1234	OYS-281	423.6	1967.1	14	4	16	12	4.9	32	410
1235	OYS-282	423.5	1967.2	15	5	15	25	5.1	31	430
1236	OYS-283	423.2	1966.9	16	5	15	21	5.7	51	250
1237	OYS-284	423.1	1967.0	15	5	20	13	5.7	31	470
1238	OYS-285	422.9	1967.2	9	3	11	6	4.6	24	350
1239	OYS-286	423.0	1967.4	9	3	11	10	4.8	23	220
1240	OYS-287	422.9	1967.5	9	3	11	6	4.7	24	420
1241	OYS-288	422.9	1967.6	8	3	10	7	4.6	22	370
1242	OYS-289	422.7	1967.8	9	3	10	5	4.8	22	400
1243	OYS-290	422.6	1967.7	11	4	12	5	5.0	24	400
1244	OYS-291	422.4	1967.7	9	4	11	4	4.8	24	410
1245	OYS-292	421.3	1955.4	16	5	15	6	3.9	42	410
1246	OYS-293	421.7	1955.2	17	5	16	5	4.2	46	620
1247	OYS-294	422.0	1955.3	18	5	17	5	4.5	48	570
1248	OYS-295	422.3	1954.8	18	4	17	5	4.5	47	480
1249	OYS-296	422.7	1954.6	20	5	16	9	4.3	44	540
1250	OYS-297	423.0	1954.7	19	5	16	8	4.3	44	560
1251	OYS-298	423.3	1954.6	20	5	16	6	4.4	44	430
1252	OYS-299	420.7	1956.0	16	7	13	6	5.1	35	380
1253	OYS-300	421.2	1956.0	17	8	13	8	5.1	33	430
1254	OYS-301	421.7	1956.2	14	6	13	7	5.2	33	300
1255	OYS-302	422.0	1956.0	20	9	13	7	4.1	28	350
1256	OYS-303	422.5	1956.1	20	11	9	16	4.7	26	290
1257	OYS-304	423.0	1956.2	15	5	12	3	4.8	32	300
1258	OYS-305	423.2	1956.3	20	10	15	7	6.4	40	470
1259	OYS-306	423.3	1956.4	17	6	13	5	6.2	44	610

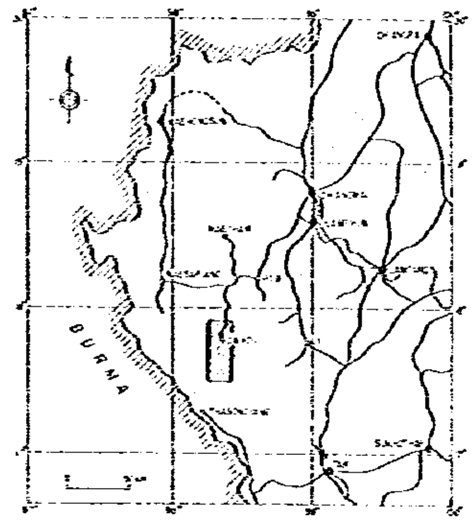


PL.I

GEOLOGICAL SURVEY
OF
THE OMKOI AREA, KINGDOM OF THAILAND
PHASE I

GEOLOGIC MAP

Scale 1 50,000



METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

MAY 1984

LEGEND

1. Sedimentary rocks

Quaternary	a	Gravel and sand
Tertiary	Tc	Conglomerate and sandstone
Ordovician	Ol	Limestone, quartzite, schist and calc-silicate rocks
Ordovician ~ Cambrian	Oc	Limestone, shale and sandstone

2. Igneous rocks

Triassic	Gr3	Fine-grained granite
	Gr2	Medium- to coarse-grained granite
	Gr1	Medium- to coarse-grained foliated granite
Carboniferous	Gn	Gneissose granite

3. Metamorphic rocks

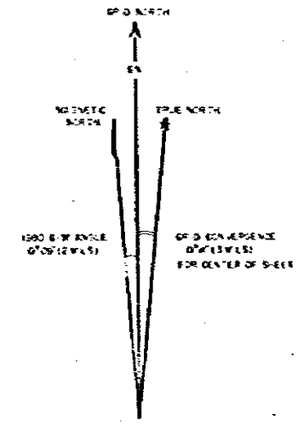
Pre-Carboniferous	Pt+Gn	Paragneiss and schist (anatexitic aureole of Carboniferous granite with relics of lower Paleozoic and Precambrian rocks)
Precambrian	Pr	Paragneiss and schist

Fault

X Active mine

X Inactive mine

Pre-Carboniferous		Pt+Gn	Carboniferous granite with relics of lower Paleozoic and Precambrian rocks)
Precambrian		Pr	Paragneiss and schist
			Fault
	X		Active mine
	X		Inactive mine



LEGEND

1. Sedimentary rocks

Quaternary		a	Gravel and sand
Tertiary		Tc	Conglomerate and sandstone
Ordovician		Ol	Limestone, quartzite, schist and calc-silicate rocks
Ordovician ~ Cambrian		Oc	Limestone, shale and sandstone

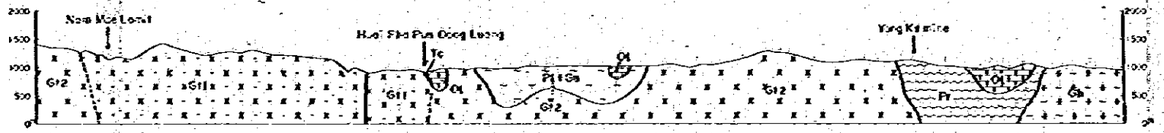
2. Igneous rocks

Triassic		Gr3	Fine-grained granite
		Gr2	Medium- to coarse-grained granite
		Gr1	Medium- to coarse-grained foliated granite
Carboniferous		Gs	Gneissose granite

3. Metamorphic rocks

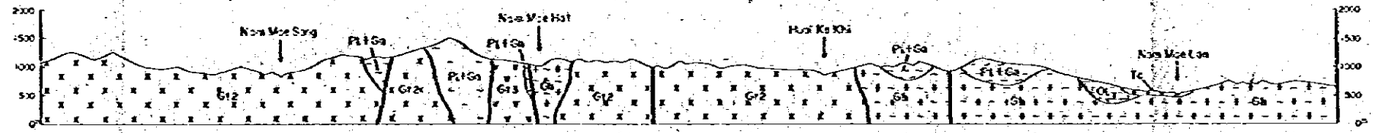
Pre-Carboniferous		Pt-Gn	Paragneiss and schist (Contact aureole of Carboniferous granite with relics of lower Paleozoic and Precambrian rocks)
Precambrian		Pr	Paragneiss and schist
			Fault

A — A'



B — B'

C — C'



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