Noranada Mines
Toronto
Vancouver.
~~416-867-7111~~
416-867-7256

KERR ADDISON MINES LTD.

GRUM JOINT VENTURE

LIST OF SPECIMENS REQUESTED FOR POLISHED SECTION

FEB 1977

By D.J.T. CARSON

NOTE t = top of orebody
b = bottom of massive sulphides
} STRATIGRAPHIC

62 W Section

U-179 14001 2(M), 14002 5(M), 14003 10(M), 14004 16(M)t, 14005 31(M), 14006 36(M), 14007 42(M), 14008 45(M)

U-171 14009 1(M), 14010 4(M), 14011 6(M)

U-177 14012 1(P), 14013 20(P), 14014 40(P), 14015 49(M), 14016 51(M), 14017 60(P)

U-175 14018 10(P), 14019 30(P), 14020 45(M)

U-173 14021 1(M), 14022 2(M)t, 14023 15(M), 14024 30(P), 14025 36(I), 14026 51(I)

U-169 14027 10(P), 14028 25(P), 14029 45(P)

29

64 W Section

U-167 14030 3(P), 14031 33(M), 14032 38(M), 14033 43(M), 14034 48(M)t, 14035 52(G)

U-165 14036 5(P), 14037 20(P), 14038 30(P), 14039 37(M), 14040 41(M)t

U-163 14041 3(P), 14042 88(M), 14043 92(M), 14044 96(M)

A-152 14045 110(P), 14046 142(P), 14047 147(M), 14048 149(M)t, 14049 202(M)t, 14050 205(M)

A-136 14051 120(M), 14052 125(M), 14053 133(P), 14054 150(P)

A-137 14055 110(P), 14056 120(P)

A-149 14057 165(M), 14058 175(P), 14059 186(M)

59

30

66W Section

U-159	23(P), 27(M)b, 29(M), 32(M)t
	60(P), 62(M)
U-147	5(P), 10(P), 15(P), 20(M), 26(M), 35(M)t
	51(M), 54(M), 56(M)t, 65(G)
U-141	3(R), 10(M), 18(M), 23(M)t
U-161	15(R), 26(M), 34(M), 45(P)
U-157	7(P), 15(R), 30(P), 43(M), 45(M)t, 50(G)
	125(M), 127(M)
U-145	10(R), 45(P), 50(M), 95(P), 102(M)
U-143	3(R), 25(P) 84(P), 87(M)
	91(M), 95(M), 99(M), 102(M)
	115(P)
A-135	48(M), 52(M), 57(M)
	137(M), 143(M), 115-5(P
A-139	122(P), 124(M), 130(P)

55

14101 to 14155 inclusive

114

66W Section

U-159 — 14180
23(P), ~~27(M)b~~, 29(M), ~~32(M)t~~
60(P), 67(M)

U-147
~~5(P), 10(P), 15(P), 20(M), 26(M), 35(M)t~~
~~51(M), 54(M), 56(M)t~~, 65(G)

U-141
3(P), 10(M), 18(M), 23(M)t

U-161 — 14200
~~15(P)~~, ~~26(M)~~, ~~34(M)~~, ~~45(P)~~

U-197
7(P), ~~15(P)~~, 30(P), ~~43(M)~~, ~~45(M)t~~, 50(G)
~~125(M)~~, 127(M)

stop
102(M)

U-145
~~10(P)~~, ~~48(P)~~, ~~50(M)~~, ~~95(P)~~,

U-143
3(P), 25(P) 84(P), 87(M)
91(M), ~~95(M)~~, 99(M), 102(M)
115(P)

A-135
48(M), 52(M), 57(M)
137(M), 143(M), 115-5(P

A-139
122(P), 124(M), 130(P)

55

150

14180 to 14200 incl.
14301 to 14315 incl.

Duplicated - Designated "A"

67W Section

U-191 8(M), 15(M), 20(M), 24(M)
52(M), 55(M), 58(M)

U-185 9(M), 12(M), 16(M), 20(M)

U-189 40(P), 50(P), 57(M)
83(M)t, 85(M), 87(M), 90(M), 95(M),
100(M), 114(M)b, 122(P)

U-187 25(P), 53(MX)

(24)

14156 to 14179 incl.

(174)

68.W Section

A-145 14060 50 (M), 14061 82 (P)

U-181 14062 2 (M), 14063 7 (M), 14064 11 (M)
14065 51 (M), 14066 55 (M), 14067 58 (M), 14068 60 (M) t

A-142 14069 50 (M), 14070 52 (M), 14071 55 (M), 14072 58 (M), 14073 60 (M)
14074 95 (M), 14075 102 (M), 14076 153 (P)
14077 156 (M), 14078 160 (M), 14079 166 (M)
14080 245 (M), 14081 249 (M), 14082 253 (M)

A-147 14083 50 (P), 14084 95 (P), 14085 100 (M), 14086 104 (M), 14087 107 (M)
14088 150 (P), 14089 165 (P),
14090 171 (M) b, 14091 173 (M), 14092 176 (M) t, 14093 178 (G)

A-153 14094 65 P, 14095 160 (P)
14096 178 (M), 14097 185 (M), 14098 189 (M), 14099 195 (P), 14100 215 (P)

A-134 14201 65 (M), 14202 75 (M), 14203 85 (M), 14204 100 (M),
14205 152 (P), 14206 160 (M), 14207 165 (M), 14208 170 (M), 14209 180 (P)

A-143 14210 142 (M)

51

225

70 in. Sections

U-96 14211 103(M)

A-159 14212 105(M), 14213 111(M)

U-139 14214 41(M)
14215 47(P), 14216 55(P)

U-136 14217 33(M), 14218 40(M), 14219 55(M), 14220 58(M), 14221 61(M) E

U-131 14222 3(M), 14223 5(M) E

U-119 14224 1(M), 14225 5(M), 14226 8(M) E, 14227 70(P)

U-133 14228 10(M), 14229 14(M), 14230 18(M) E
14231 49(M) E, 14232 52(M), 14233 59(M) b, 14234 116(M)

U-127 14235 10(M), 14236 20(M), 14237 26(M), 14238 30(P)

U-100 14239 5(M), 14240 13(M)
14241 85(P), 14242 92(M)

U-125 14243 12(M), 14244 25(M), 14245 39(M), 14246 42(M) E
14247 53(M), 14248 60(M)
14249 66(P)
14250 73(M), 14251 90(M)
14252 92(P)

U-88 14253 5(M), 14254 15(M)

U-123 14255 105(M) E, 14256 112(M), 14257 118(M) b

U-113 14258 70(P), 14259 80(M), 14260 90(P)

U-106 14261 5(M), 14262 10(M), 14263 15(M), 14264 102(M)

U-102 14265 5(M), 14266 15(M), 14267 25(P), 14268 36(M), 14269 40(M), 14270 48(M)

U-104 14271 10(M), 14272 14(M)

U-92 14273 5(M), 14274 10(M), 14275 15(M), 14276 19(M), 14277 30(P), 14278 40(P)

U-103 14279 57(M), 14280 65(P)

U-111 14281 65(M)

72 W Section

U-19 22(M) ~ A, 30(M)b, 35(M), 40(M), 45(M) 50(M)t,

U-14 25(M), 35(P), 40(P)

U-3 43(M) 49(M), 70(P), 5(P), 10(P), 15(M)b 16(M)t

U-21 15(M), 41(M) (41A)

U-4 5(P), 13(P), 16(M)b, 19(M)t, 48(M)

U-8 28(P), 41(M)b, 43(M)t

U-10 10(P), 41(P), 51(M)b, 57(M)t.

U-18 14(G), 15(M)t, 16(M), 18(M), 20(M), 25(M) 30(M), 35(M), 40(M), 45(M) 65(P) 77(M), 88(P)

U-12 16(M)t, 19(M) (19M) 20(M), 25(M), 28(M) 55(M), 63(M), 69(M), 75(P).

U-20 20(M), 22(M), 60(M)

U-5 20(P), 30(M), 34(M), 65(M), 72(P)

U-23 32(M), 40(M), 50(M), 56(M), 65(P)

U-17 40(M), 50(M), 100(P)

U-9 10(P), 31(M), 40(M), 52(M), 46(M)

U-84 3(M) ~ C, 15(M), 42(M), 47(M), 55(M)

U-26 10(P), 15(P), 30(P), 55(P)

A-132 75(P), 96(M), 100(M), 110(P), 135(M), 141(M)

U-11 1(P), 7(M)

U-22 10(P), 25(P), 27(M), 35(M), 40(M)t, 42(G) 77(M)

U-27 5(P), 40(P), 75(P)

U-13 65(P), 152(P), 180(M)

14316 to 14400 incl.
14501 to 14520 incl. (103) - 105 U-

(404)

74W Section

U-33 14282 2.5(M)

U-30 14283 5(M), 14284 25(M), 14285 28(M)

U-32 14286 1(M), 14287 30(M), 14288 92(M), 14289 54(M)

U-15 14290 21(M), 14291 25(M), 14292 69(M), 14293 110(P), 14294 115-(M), 14295 125(P), 14296 180(P)

U-42 14297 10(P), 14298 20(P), 14299 26(P), 14300 30(M)b, 14401 33(M)t

U-28 14402 10(P), 14403 20(P), 14404 63(M)

U-29 14405 54(G), 14406 56(M)t, 14407 59(M)b, 14408 62(Pg), 14409 67(P)

U-34 14410 45(P), 14411 25-(P), 14412 55(M), 14413 65(M), 14414 80(M), 14415 105-(P)

U-35 14416 70(M), 14417 80(M), 14418 90(P)

U-47 14419 10(P), 14420 20(P), 14421 60(M), 14422 65-(M)

U-45 14423 40(P), 14424 50(M), 14425 56(M).

U-51 14426 10(P), 14427 23(P)b, 14428 30(P), 14429 35-(P), 14430 40(P), 14431 45-(G)

U-53 14432 5(P), 14433 15(P), 14434 30(P), 14435 35-(P), 14436 40(P), 14437 44(P)t

U-54 14438 10(P), 14439 40(P), 14440 60(P), 14441 70(P), 14442 100(P)

A-141 14443 50(P), 14444 60(P), 14445 75-(P) 14446 87(P)

U-57 14447 5-(P), 14448 15-(P), 14449 21-(P), 14450 50(P)

U-46 14451 16(P), 14452 45-(P), 14453 66(P)

U-40 14454 45(M), 14455 59(M), 14456 70(M), 14457 10(P), 14458 20(P), 14459 30(P)

U-117 14460 2(P), 14461 17(P)

U-48 14462 42(P), 14463 69(P), 14464 75-(M

(4 of 84)

76W Section

U-63 5(M), 10(M)t, 57(M), 64(M), 60(M)
U-65 2(M), 10(M), 15(M), 19(M)t, 45(M), 50(M)t
U-58 2(M), 10(M), 15(M), 18(M)t, 90(M), 95(M), 100(M)t
U-59 10(M), 20(M), 30(M), 40(M), 52(M), 54(M)t
107(P)
U-60 10(P), 25(P), 30(M)b, 32(M), 34(M)t
58(M), 62(M),
U-129 10(P), 25(P), 56(P), 72(P), 76(M), 82(M),
91(M)t, 123(M), 130(M), 134(M)
U-126 15(P), 30(P), 45(P), 75(M), 90(M), 100(M)
107(M)t, 120(M)t, 128(M), 132(M)t, 136(PG)
U-128 10(P), 75(P), 83(M)
U-85 10(P), 15(M)b, 19(M), 23(M)t
U-130 20(P), 30(P), 35(P), 37(P)t
U-118 5(P), 25(P), 43(P), 50(P), 56(P)t
U-132 65(P), 90(P), 100(P)
A-155 50(P), 60(P), 70(P), 90(P)
U-89 15(P), 19(M)b, 26(M)t, 22(M), 30(PG)
U-114 20(P)
U-61 20(P), 30(M), 90(P)

85

569

78W Section

U-69	14465 25(M)t
U-67	14466 9(P), 14467 20(M)b, 14468 25(M), 14469 30(M), 14470 35(M)t, 14471 40(G)
U-71	14472 5(P), 14473 18(M), 14474 21(P), 14475 25(P)t
U-68	14476 12(M)b, 14477 15(M), 14478 20(M), 14479 22(M)t
U-79	14480 15(P), 14481 32(M)b, 14482 34(M), 14483 36(M)t, 14484 67(M), 14485 73(M), 14486 79(M)
U-72	14487 10(P), 14488 30(M)t, 14489 65(M), 14490 107(P), 14491 125(P)
U-75	14492 24(P), 14493 52(P), 14494 55(M)b, 14495 60(M), 14496 65(M), 14497 70(P)t, 14498 73(M)t, 14499 130(M), 14500 168(M)
U-77	14601 73(M), 14602 80(P), 14603 105(M), 14604 142(P)
U-93	14605 2(P), 14606 10(P), 14607 24(P), 14608 45(P)b, 14609 55(P), 14610 59(P)t, 14611 65(P)
U-148	14612 45(P), 14613 60(P)
U-97	14614 25(P), 14615 45(P)
U-99	14616 2(P), 14617 6(P), 14618 80(P), 14619 116(M), 14620 121(M), 14621 125(P)t, 14622 145(P)
U-101	14623 60(P), 14624 99(M), 14625 140(P), 14626 143(M)
U-105	14627 3(P)
U-107	14628 15(P), 14629 35(P), 14630 50(P), 14631 60(P)
U-109	14632 3(P), 14633 52(P), 14634 95(P), 14635 100(P)
A-158	14636 52(P), 14637 70(P), 14638 95(P), 14639 105(P), 14640 120(P)
A-161	14641 38(P), 14642 60(P), 14643 70(P), 14644 85(P), 14645 115(P)
U-91	14646 8(P), 14647 28(P), 14648 64(P)

84

652

BOW Section

U-151	5(P), 10(M)b, 15(M), 20(M)t, 21, 22(G) 55(M)b, 60(M), 65(M)t
U-153	10(P), 20(P), 30(M)b, 38(M), 41(M)t
U-150	4(P), 20(P), 23(P), 27(M)b, 31(M)t 140(M)
U-154	5(P), 15(P), 25(P)t
U-156	5(P), 50(P), 55(M)b, 60(M), 64(M)t
U-152	20(P), 30(P), 40(P), 45(P)t
U-149	10(P), 31(P), 110(M), 126(M)t, 130(M), 140(P), 153(P)
U-142	1(M), 3(M), 5(M), 7(M), 25(P), 40(P), 50(M), 55(M), 100(P), 110(P), 117(P) 119(M 125(M 129(M)
U-135	2(M), 47(P), 60(P), 85(P), 110(P), 137(M) 174(M), 180(M), 186(M)
U-140	1(M), 62(P), 100(P)
U-146	25(P), 30(P), 45(P)
A-160	53(P), 70(P), 90(P), 100(P), 110(P), 125(P)

73

74

727

14706 to 14779 incl.

82W Section

	14649	14650	14651	14652
U-164	2(P)	5(M)	10(P)	12(M)t
	14653	14654	14655	14656 14657
U-158	5(M)	10(M)	15(M)	41(M), 46(M)
	14658 14659	14660	14661	14662 14663
U-160	3(P), 15(P)	40(P)	56(M)	60(M), 64(M)t
	14664 14665	14666	14667	14668
U-162	15(P), 27(P)	50(M)	53(M)t	105(P),
	14669	14670		
	133(M), 146(M)			
	14671 14672	14673	14674	14675
U-188	10(P), 20(P)	30(P)	40(P)	80(P)
	14676 14677	14678	14679	
U-172	4(M), 60(P)	100(P)	118(M)	
	14680 14681	14682	14683	14684
U-168	35(P), 117(M)	124(M)t	140(M)	155(M)
	14685 14686	14687	14688	
U-166	54(P), 118(M)	135(P)	150(M)	

40

36
31

25
18
13

9

4

766

84W Section

	14687	14690	14691	14692	14693	14694
U-184	15(P),	40(M),	55(M),	135(P),	142(M),	150(P)
	14695	14696	14697	14698		
U-186	3(P),	44(P),	48(P),	52(P) — Skc		
	14699	14700	14701	14751		
U-182	17(M),	23(M),	65(P),	73(M),		
	14702	14703				
	127(M),	135(P)				
	~~14784~~	~~14785~~	~~14786~~			
U-180	1(P),	10(P),	20(P)			
	14787	14788	14789	14790	14791	14792
U-170	10(P),	25(P),	35(M),	45(M),	50(M),	54(M)
	14793	14794	14795	14796		
U-176	30(P),	60(P),	113(P),	117(M),		
	14797	14798				
	155(M),	162(P)				
	14799	14800	14801	14802	14803	
U-178	2(M),	5(M),	23(P),	38(P)	67(P)	
	14804	14805	14806	14807	14808	
(U-156 ?)	100(P),	120(P),	130(P),	140(P),	150(P),	
	14809	14810	14811			
	160(P),	170(P),	200(P)			

End of hole is 76.2 m

44

35

37

44 − 8 = 36

+ 767

803

772 TOTAL

These samples not taken

These tags not used. (14804 – 14811)

KERR ADDISON MINES LTD.
GRUM JOINT VENTURE

LIST OF SPECIMENS
TAKEN FOR POLISHED SECTION
FEB 1977

Sampling by: J. Paxton
A.Y. Po

Polished Section Specimen List

Feb. 1977

	TAG	HOLE	TAG	HOLE	TAG	HOLE
62W	14001	U-179-2	14051	A-136-120	14101	U-159-22

TAG	HOLE
14151	A-135-143
2	-155
66W 3	A-139-122
4	-124
5	-130
6	U-191-8
7	-15
67W 8	-20
9	-24
60	-52
1	-55
2	-58
3	U-185-9
4	-12
5	-16
6	-20
7	U-189-40
8	-50
9	-57
70	-83
1	-85
2	-87
3	-90
4	-95
5	-100
6	-114
67W 7	-122
8	U-187-25
9	-53
80	U-159-23A
1	-27A
2	-29A
3	-32A
4	-60A
5	-67A
6	U-147-5A
7	-10A
8	-15A
9	-20A
90	-26A
1	-35A
2	-51A
3	-54A
4	-56A
5	-65A
6	U-141-3A
7	-10A
8	-18A
9	-23A
14200	U-161-15A

66W duplicates

TAG	HOLE
14201	A-134-65
2	-75
68W 3	-85
4	-100
5	-152
6	-160
7	-165
68W 8	-170
9	-180
10	A-143-142
1	U-96-103
2	A-159-105
3	-111
70W 4	U-139-41
5	-47
6	-55
7	U-136-33
8	-40
9	-55
20	-58
1	-61
2	U-131-3
3	-5
4	U-119-1
5	-5
6	-8
7	-70
8	U-133-10
9	-14
30	-18
1	-48
2	-52
3	-58
4	-116
5	U-127-10
6	-20
7	-26
8	-30
9	U-100-5
40	-13
1	-85
2	-92
3	U-125-12
4	-25
5	-39
6	-42
7	-53
8	-60
9	-66
14250	U-125-73

TAG	HOLE
14251	U-125-80
2	-92
3	U-88-5
4	-15
5	U-123-105
6	-112
7	-118
8	U-113-70
9	-80
60	-90
1	U-106-5
2	-10
3	-15
4	-102
5	U-102-5
6	-15
7	-25
8	-36
9	-40
70	-48
1	U-104-10
2	-14
3	U-92-5
4	-10
5	-15
6	-18
7	-30
70W 8	-40
9	U-103-57
80	-65
1	U-111-65
2	U-33-2.5
3	U-30-5
74W 4	-25
5	-28
6	U-32-1
7	-30
8	-92
9	-54
90	U-15-21
1	-25
2	-69
3	-110
4	-115
5	-125
6	-130
74W 7	U-42-10
8	-20
9	-26
14300	-30

TAG	HOLE
14301	U-161-26A
2	-34A
3	-45A
4	U-157-7A
5	-15A
6	-30A
7	-43A
8	-45A
9	-50A
10	-125A
1	-127A
2	U-145-10A
3	-45A
4	-50A
5	-95A
6	U-19-22
7	-30
8	-35
9	-40
20	-45
1	-50
2	U-14-25
3	-35
4	-40
5	U-3-43
6	-49
7	-70
8	-5
9	-10
30	-15
1	-16
2	U-21-15
3	-41
4	-41A
5	U-4-5
6	-15
7	-16
8	-19
9	-48
40	U-8-28
1	-41
2	-43
3	U-10-10
4	-41
5	-51
6	-57
7	U-18-14
8	-15
9	-16
14350	U-18-18

66W duplicates

72W

TAG	HOLE
14351	U-18-20
2	-25
3	-30
4	-35
5	-40
6	-45
7	-65
8	-77
9	-88
60	U-12-16
1	-17
2	-18
3	-20
4	-25
5	-28
6	-55
7	-63
8	-69
9	-75
70	U-20-20
1	-22
2	-60
3	U-5-20
4	-30
5	-34
6	-65
7	-72
8	U-23-32
9	-40
80	-50
1	-56
2	-65
3	U-17-40
4	-50
5	-100
6	U-9-10
7	-30.5
8	-40
9	-52
90	-46
1	U-84-3
2	-15
3	-42
4	-47
5	-55
6	U-26-10
7	-15
8	-30
9	-55
14400	A-132-75

72W

TAG	HOLE
14401	U-42-33
2	U-28-10
3	-20
4	-63
5	U-29-54
6	-56
7	-59
8	-62
9	-67
10	U-34-45
1	-25
2	-55
3	-65
4	-80
5	-105
6	U-35-70
7	-80
8	-90
9	U-47-10
20	-20
1	-60
2	-65
3	U-45-40
4	-50
5	-56
6	U-51-10
7	-23
8	-30
9	-35
30	-40
1	-45
2	U-53-5
3	-15
4	-30
5	-35
6	-40
7	-44
8	U-54-10
9	-40
40	-60
1	-70
2	-100
3	A-141-50
4	-60
5	-75
6	-87
7	U-57-5
8	-15
9	-25
14450	U-57-50

74W

TAG	HOLE
14451	U-46-16
2	-45
3	-66
4	U-40-45
5	-59
6	-70
7	-10
8	-20
9	-30
60	U-117-2
1	-17
74W 2	U-48-42
3	-69
4	-75
5	U-69-25
78W 6	U-67-9
7	-20
8	-25
9	-30
70	-35
1	-40
2	U-71-5
3	-18
4	-21
5	-25
6	U-68-12
7	-15
8	-20
9	-22
80	U-79-15
1	-32
2	-34
3	-36
4	-67
5	-73
6	-79
7	U-72-10
8	-30
9	-65
90	-107
1	-125
2	U-75-24
3	-52
4	-55
5	-60
6	-65
78W 7	-70
8	-73
9	-130
14500	-168

TAG	HOLE
14501	A-132-96
2	-100
72W 3	-110
4	-135
5	-141
6	U-11-1
7	-7
8	U-22-10
9	-25
10	-27
1	-35
2	-40
3	-42
4	-77
5	U-27-5
6	-40
7	-75
72W 8	U-13-65
9	-152
20	-180
1	U-63-5
2	-10
76W 3	-57
4	-64
5	-60
6	U-65-2
7	-10
8	-15
9	-19
30	-45
1	-50
2	U-58-2
3	-10
4	-15
5	-18
6	-90
7	-95
8	-100
9	U-59-10
40	-20
1	-30
2	-40
3	-50
4	-54
5	-107
6	U-60-10
7	-25
8	-30
9	-32
14550	-34

TAG	HOLE
14551	U-60-58
2	-62
3	U-129-10
4	-25
5	-56
6	-72
7	-76
8	-82
9	-91
60	-123
1	-130
2	-134
3	U-126-15
4	-30
5	-45
6	-75
7	-90
8	-100
9	-107
70	-120
1	-128
2	-132
3	-136
4	U-128-10
5	-75
6	-83
7	U-85-10
8	-15
9	-19
80	-23
1	U-130-20
2	-30
3	-35
4	-37
5	U-118-5
6	-25
7	-43
8	-50
9	-56
90	U-132-65
1	-90
2	-100
3	A-155-50
4	-60
5	-70
6	-80
76W 7	U-89-15
8	-19
9	-26
14600	U-89-22

TAG	HOLE
14601	U-77-73
2	-80
3	-105
78W 4	-142
5	U-93- 2
6	-10
7	-24
8	-45
9	-55
10	-59
1	-65
2	U-148-45
3	-60
4	U-97-25
5	-45
6	U-99- 2
7	- 6
8	-50
9	-116
20	-121
1	-125
2	-145
3	U-101-60
4	-99
5	-140
6	-143
7	U-105- 3
8	U-107-15
9	-35
30	-50
1	-60
2	U-109- 3
3	-52
4	-95
5	-100
6	A-158-52
7	-70
8	-95
9	-105
40	-120
1	A-161-38
2	-60
3	-70
4	-85
78W 5	-115
6	U-91- 8
7	-28
8	-64
82W 9	U-164-2
14650	-5

TAG	HOLE
14651	U-164-10
2	-12
3	U-158-5
4	-10
5	-15
6	-44
7	-46
8	U-160-3
9	-15
60	-40
1	-56
2	-60
3	-64
4	U-162-15
5	-27
6	-50
7	-53
8	-105
9	-133
70	-146
1	U-188-10
2	-20
3	-30
4	-40
5	-80
6	U-172-4
7	U-172-60
8	-100
9	-118
80	U-168-35
1	-117
2	-124
3	-140
4	-155
82W 5	U-166-54
6	-118
7	-135
8	-150
9	U-184-15
90	-40
1	-55
84W 2	-135
3	-142
4	-150
5	U-186-3
84W 6	-44
7	-48
8	-52
9	U-182-17
14700	U-182-23

TAG	HOLE
14701	U-89-30
2	U-114-20
3	U-61-20
76W 4	-30
5	-90
6	U-151-5
7	-10
80W 8	-15
9	-20
10	-22
1	-55
2	-60
3	-65
4	U-153-10
5	-20
6	-30
7	-38
8	-41
9	U-150-4
20	-20
1	-23
2	-27
3	-31
4	-140
5	U-154-5
6	-15
7	-25
8	U-156-5
9	-50
30	-55
1	-60
2	-64
3	U-151-21
4	U-152-20
5	-30
6	-40
7	-45
8	U-149-10
9	-31
40	-110
1	-126
2	-130
3	-140
4	-153
5	U-142-1
6	-3
7	-5
8	-7
9	-25
14750	U-142-40

TAG	HOLE	TAG	HOLE	TAG	HOLE
14751	U-142-50	14801	U-178-23		
2	-55	2 84W	-38		
3	-100	14803 ↑	U-178-67		
4	-110				
5	-117				
6	-119				
7	-125	7			
8	-129				
9	U-135-2				
60	-47				
1	-60				
2	-85		Total samples taken and shipped = 803		
3	-110				
4	-137				
5	-174				
6	-180				
7	-186				
8	U-140-1		803-37A		
9	-62		=766-8G		
70	-100		=750		
1	U-146-25				
2	-30				
3	-45				
4	A-160-53				
5	-70				
80W 6	-90				
7	-100				
8	-110				
9	-125				
80	U-184-65				
1	U-182-73				
84W 2	-127				
3	-135				
4	U-180-1				
5	-10				
6	-20				
7	U-170-10				
8	-25				
9	-35				
90	-45				
1	-50				
2	-54				
3	U-176-30				
4	-60				
5	-113				
6	-117				
7	-155				
8	-162				
9	U-178-2				
14800	U-178-5				

(-) (o) (n) t, vl, l, lm, vm, h, vh

Sub-ore ore

(o) = def. zone (e) = leaching ± porous

(-) = none noted

● = useable in pit ✓ = in open pit —— = not useable tot OB ● useable tot OB

NO	Hole No.	MegTp (Ox)	MicTp (Pb Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gn	PoMcPyf	MISC.
	62 W (10)							
1	V-179-2	Mb (o)	Mqb-P (vl)	2	5	3	5Py	
2	V-179-5 ✓	MBb (o)	Mq-Px (m)	2	3	3	M O	
3	V-179-10 ✓	Mq (o)	Mq-x (vh)	4	2	2	M O	
4	V-179-16 ✓	Mq (o)	Mq-x (vh)	3	2	4	M O	
5	V-179-31 ✓	MBq (-)	MBq-x (vh)	3	3	3	M O	
6	V-179-36 ✓	Mb (o)	Mpy-x (lm)	1	4	1	M O	
7	V-179-41 ✓	— (l)	M— (h)	3	3	3	M O	
8	V-179-45.5 ✓	M (-)	Mpy (vl)	—	—	—	O	mainly Ga (vl)
9	V-171-1	Mpy (o)	Mqpy (t)	—	—	—	8Mc	
10	V-171-4	Mpy (-)	Mpy (t)	—	—	—	3Po 8Mc	Mg=7, hiCp
11	V-171-6	— (-)	Mqpy (t)	—	—	—	3Mc	
12	V-177-1	— (o)	MBpy (n)	—	—	—	5Mc	
13	V-177-20 ✓	— (-)	Mqpy (n)	—	—	—	O	Cp
14	V-177-40 ✓	PG (-)	P (vl)	—	—	—	O	no Ga
15	V-177-49 ✓	— (-)	P-x (m)	2	3	3	M Po	Expo in Sp
16	V-177-51 ✓	— (-)	Mqpy (vl)	—	—	—	O	
17	V-179-60 ✓	— (-)	Mqpy (n)	—	—	—	O	
18	V-175-10	PG (-)	P (vl)	—	—	—	O	no Ga
19	V-175-30	— (-)	PG/Mq (n)	—	—	—	O	Cp
20	V-175-45	— (-)	Mqpy (m)	2	4 (6+2)	1	M O	no Ga
21	V-173-1	— (-)	Mqpy (vl)	2	4	2	O	
22	V-173-2	— (l)	Mq (vh)	3	2	2	M O	
23	V-173-15	— (-)	Mqpy (t)	—	—	—	10Py	hiCp, no Ga
24	V-173-28	— (-)	Mqpy (t)	—	—	—	10Py	
25	V-173-36	— (lm)	Mpy (vl)	—	—	—	O	
26	V-173-51	— ((m)	Mq (h)	2	3	5	P O	

No	Hole	MegTp	(ox)	MicTp	(PbZn)	Go/Sp	Ga/Sp/Py	Ga/Sp/Gn	R Mc Py	Misc
62 W cont'd										
14027	V-169-10	—	(o)	P_{py}	(l)	1	4	3	P o	
28	V-169-25	—	(o)	P_{py}	(t)	—	—	—	o	
29	V-169-45	—	(-)	P_{py}	(t)	—	—	—	o	
64 WEST	(15)									
14030	V-167-3 ✓	—	(-)	P_{py}	(t)	—	—	—	o	
31	V-167-33 ✓	M_b	(-)	M_b –	(vh)	3	3	2	M o	
32	V-167-38 ✓	—	(-)	M_{bpy} ✗	(h)	3	3	3	M o	
33	V-167-43 ✓	—	(-)	M –	(h)	5	3	2	M o	Mg=l
34	V-167-48 ✓	M_b	(-)	M_b –	(vh)	5	1	5	M o	
35	V-167-52 ✓	—	(-)	M_Q ✓	(h)	5	5	2	M o	Gnaphite inter
36	V-165-5	—	(l)	P	(tr)	—	—	—	5 Py	
37	V-165-20	—	(-)	P	(tr)	—	—	—	o	hi Gp
38	V-165-30	—	(-)	M_{Qpy}	(vl) ✗	(1)	3	3	10 Mc	Ga=tr, Hem
39	V-165-37	—	(l)	M_{Qpy}	(l) ✗	2	6	2	M o	
40	V-165-41	—	(o)	M_{py}	(vl) ✗	(1)	6	2	o	Sp=hi
41	V-163-3	—	(o)	P_{py}	(l) ✗	1	4	2	P 5 Mc	Ga=vl
42	V-163-90	—	(-)	P	(m)	2	3	5	M 5 Mc	
43	V-163-92	—	(o)	P	(m)	2	3	5	M 5 Mc, 3 Po	
44	V-163-96	—	(-)	M_Q	(lm)	1	5 Ga/Sp/Po	3	M 5 Po, 8 Mc	Sp/Po overall = 6 but 5
45	A-152-110	—	(o)	P	(vl) ✗	(1)	4	3	o	No Ga
46	A-152-142	—	(-)	Schist	(h)	—	—	—	5 Py	
47	A-152-147	—	(l)	M_Q-P	(vl) ✗	—	—	—	o	
48	A-152-149	Mx	(o)	Mx	(ml)	1	3	3	M o	
49	A-152-202	—	(o)	M_{py}	(l) ✗	(1)	4	(1)	M o	Mg=h, Ga=tr
50	A-152-205	M_b	(-)	M_{ab}	(h)	2	2	4	M o	

NO	Hole	MegTp	(ox)	MicTp	(Bo2n)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	PoMcPy	Misc
	64W Cont'd									
14051	A-136-120	—	(o)	M_{Qb}	(mh)	3	1	4	M O	
52	A-136-125	—	(o)	M	(h)	4	4	2	M O	
53	A-136-133	—	(o)	M_Q	(l)X	1	5	2	P 5Mc	
54	-150	—	(-)	M_{Qpy}	(vl)	—	—	—	O	
55	A-137-110	—	(o)	P	(l)X	2	3	3	P O	
56	A-137-120	—	(o)	M_Q	(m)	2	3	4	P O	hiZn
57	A-149-165	—	(-)	M_{py}	(m)	1	5	1	M ,	
58	A-149-175	—	(o)	M_{Qpy}	(vl)X	1	3	3	15Mc	
59	A-149-186	—	(o)	M_Q	(lm)	2	3	3	M O	loPb
	66 WEST (28)									
14101	V-159-22.5 P	(-)		P_{py}	(+)	—	—	—	O	
2	V-159-27 P	(-)		P_{py}	(vl)	—	—	—	O	
3	V-159-29.5 M	(-)		M_QX	(h)	4	2	4	M O	
4	V-159-32 P_{xG}	(-)		P x	(m)	3	2	4	M 5Py	
5	V-159-60 M	(o)		M_{py}X	(h)	3	4	2	P O	
6	V-159-67 M	(e)		M —	(vh)	4	3	3	M O	
7	V-147-7.3 P_G	(-)		P	(vl)	—	—	—	O	
8	V-147-10 P_G	(-)		P	(l)	1	4	3	P O	
9	V-147-15 P_G	(-)		P	(l)	2	4	3	P O	
10	V-147-20 M	(o)		MQX	(m)	3	2	4	M O	
11	V-147-26 MXQ	(e)		M_QX	(h)	3	3	3	M O	
12	V-147-35 MB_Q	(e)		M_Q	(mh)	3	2	4	M O	
13	V-147-51 MX_G	(-)		MXQ_{py}	(lm)	1	4	3	M 2Py	Ga-t
14	V-147-54 M	(e)		M_{py}	(vl)	—	—	—	O	hiGp
15	V-147-56 MX_G	(e)		P_{py}	(vl)	—	—	—	O	hi Gp

No.	Hole	MegTp	(ox)	MicTp	(Pb-Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gn	Po Mc Py	Misc
	66 WEST	CONT'D								
14116										
17	U-141-3 ✓	P	(-)	P	(l)	2	4	2P	o	
18	U-141-10 ✓	M	(-)	M_{py} ✓	(l)	1	4	2P		
19	U-141-18 ✓	M	(e)	M_Q ✓	(m)	2	3	2M	10Py	
20	U-141-23 ✓	M	(-)	M —	(h)	3	2	2M	o	
21	U-161-15 ✓	P	(-)	P ✓	(m)	1	2	3P	o	hi Ga
22	U-161-26 ✓	M	(e)	M —	(h)	3	4	2M	o	
23	U-161-34 ✓	M	(e)	M_Q ✓	(mh)	2	3	4M	o	
24	U-161-45 ✓	P	(-)	P_{py}	(vl)	—	—	—	2Po	
25	U-157-7	P_G	(-)	P	(l)	3	3	3P	o	
26	U-157-15 ✓	P_G	(-)	no pol sx						
27	U-157-30	P	(-)	P_{py}	(t)	—	—	—	5Mc	hi Cp
28	U-157-43	M	(l)	M_{py} ✓	(t)	—	—	—	o	
29	U-157-45	M	(l)	MQ_{py}	(h)	2	4	2M	o	hi Ga
30	no 30 tag									
31	U-157-125	M	(e)	MQ	(ml)	(1)	3	3	$M_{15}Mc_{5}Py$	Ga=t
32	U-157-127	M	(m)	M	(mh)	4	3	4	M_{Py}/Mc	
33	U-145-10 ✓	PX_G	(h)	P_{py}	(vl)	—	—	—	o	
34	U-145-45	P	(m)	P_{py}	(vl)	—	—	—	5Py/Mc	
35	U-145-50	MP	(m)	P	(m)	1	3	3	M	o
36	U-145-95	P_G	(l)	P	(ml)	3	3	3	P_{5Py}	$_{15}$Po
37	U-145-102.3	P	(o)	P	(vl)	—	—	—	10Py	hi Cp
38	U-143-3 ✓	P_G	(l)	P	(vl)	—	—	—	o	
39	U-143-25 ✓	P_G	(o)	P_{py}	(l)	(1)	3	3	P	o
40	U-143-84	—	(-)	P_{py}	(vl)	—	—	—	o	hi Cu
41	U-143-87	M	(o)	M_{py}	(ml)	3	4	3	o	
42	U-143-91	M	(e)	M_{py}	(vl)	—	—	—	o	

porous only

NO	HOLE	MegTp	(ox)	MicTp	(PbZn)	Ga/Sp	Sp/Py	Sp/Gn	PoMcPy	Misc.
	66 WEST CONT'D									
14143	V-143-95	M	(o)	M_{py} — (ml)		1	3	2	M O	hiPbZn
44	V-143-98	M_Q	(e)	M — (h)		3	3	3	M 5_{Py}	
45	V-143-102	M	(e)	M_Q — (l)		3	5	4	P O	
46	V-143-115	P	(l)	MQ_{py} — (vl)		—	—	—	O	hiMg
47	A-135-48 ✓	MI	(e)	Mb — (h)		3	3	4	$M_{15}P_{10}M_c$	
48	A-135-52 ✓	M	(o)	M — (h)		2	5	1	M O	
49	A-135-57 ✓	MI	(o)	Mb — (h)		4	2	2	M O	
50	A-135-137	Mb	(-)	M_Q — (m)		3	3	4	M O	
51	A-135-143	Mb	(o)	M — (m)		5	3	5	M O	
52	A-135-155	P	(o)	MQ_{py} — (vl)		—	—	—	$2M_c$	
53	A-139-122	Sb	(e)	P — (vl)		—	—	—	—	
54	A-139-124	MX_M	(h)	M — (mh)		5	4	5	$M_{5Py}M_c$	
55	A-139-130	P_G	(-)	P — (ml)		2	3	4	P O	
	68 WEST (31)									
14060	A-145-50 ✓	—	(-)	M_{pymg}	(vl)	—	—	—	5_{Py}	mg=15
61	A-145-82 ✓	—	(o)	M — (ml)		4	4	3	P O	oxd
62	V-181-2 ✓	—	(o)	M — (h)		4	3	2	M O	vuggy
63	-7 ✓	—	(o)	MQX (vh)		3	3	3	M O	
64	V-181-11 ✓	MX	(o)	MQ^X (h)		4	2	3	M O	
65	V-181-51 ✓	M_b	(o)	M — (vh)		4	2	3	M O	
66	V-181-55 ✓	—	(o)	M — (h)		5	5	4	M O	
67	V-181-58 ✓	—	(o)	M — (h)		6	5	4	M O	
68	V-181-60 ✓	MX	(o)	M — (mh)		4	5	5	M O	
69	A-142-51 ✓	—	(o)	M_{py} (lm)		1	6	2	M O	
70	A-142-52 ✓	—	(o)	M_{py} (m)		4	5	2	M O	
71	A-142-55 ✓	—	(o)	M_{py} (f)		—	—	—	O	

No	HOLE	MegTp	(Ox)	MicTp	(PbZn)	Ga/Sp	Ga Sp/Py	Ga/Sp Gan	PoMcPy	Misc
68	WEST cont'd									
1407	A-142-58 ✓	—	(o)	MQpy	(m)	3	3	3	M o	vuggy
73	-60 ✓	—	(o)	Mpy	(L)	3	5	2	M o	
74	-93.6 ✓	—	(-)	M	(h)	3-6 5	4	1	M o	
75	-102 ✓	—	(o)	M	(h)	3	4	2	M o	
76	-154.7	—	(o)	MQ	(m)	4	2	3	P 5PyMc	
77	-156	—	(o)	MQ	(h)	5	3	2	M o	
78	-160	—	(o)	MQ	(m)	3	4	3	M 5McPy	
79	-166	—	(o)	P-MQ	(vL)	—	—	—	o	hi Cu
80	-245	—	(o)	MQ	(mL)	3	3	4	M 8McPy	
81	-249	—	(o)	Mpy	(m)	3	5	3	M 5Py	hi Cu sma
82	-253	MX	(o)	MQ	(m)	3	3	3	M o	
83	A-147-50 ✓	P low	(o)	P	(L)	2	3	3	P 5Py 1Po	
84	-95 ✓	P low	(-)	Px	(m)	2	3	5	P 7Py	
85	-100 ✓	—	(o)	P	(L)	—	—	—	o	
86	-104 ✓	—	(o)	MQpy	(vL)	—	—	—	o	micro Zn
87	-107 ✓	—	(o)	Px	(m)	2	2	3	P o	
88	-150	P	(o)	Ppy	(vL)	—	—	—	o	
89	-165	—	(o)	Ppy	(vL)	—	—	—	o	
90	-171	M brittle	(o)	Mpy	(m)	3	4	2	M o	
91	-173	—	(o)	MQpy	(L)	1	4	3	M o	
92	-176	—	(-)	Mpy	(vL)	—	—	—	o	
93	-178	Phyllite	(-)	P	(vL)	—	—	—	5PyMc	
94	A-153-65 ✓	Phyll.	(-)	P	(vL)	—	—	—	5Py	
95	-160	—	(o)	Ppy	(L)	2	6	4	P o	
96	-178	—	(o)	Mpy	(L)	2	4	2	M o	
97	-185	—	(o)	Mpy	(vL)	—	—	—	o	
98	-189	—	(o)	Mb	(m)	5	3	6	M o	

No	HOCE	MegTp	(ox)	MicTp	(Pb-Zn)	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC
	68 WEST Cont'd								
14099	A-153-195	— b	(o)	P_{py}	(vl)	—	—	10 Py	mod Mag.
100	-215	—	(—)	P_{py}	(vl)	—	—	25 Py Mc	
14201	A-134-67 ✓	MI	(o)	M —	(h)	3	4	2 M	o
2	-75 ✓	—	(o)	M —	(vh)	3	2	2 M	o
3	-85 ✓	—	(o)	M_{py} x	(h)	3	5	2 M	o
4	-100 ✓	— b	(o)	P_{py} x	(m)	2	2	4 M	o
5	-152.8	—	(o)	M_Q	(mh)	4	3	4 P	o
6	-160	—	(o)	M_{py}	(m)	3	4	4 M	o — hi Cu
7	-165	—	(o)	MQ	(mh)	3	4	5 M	5 Py
8	-170	—	(o)	P_{py}	(l) x	1	3	2 P	5 Py — lo Pb hi Mag
9	-180	—	(—)	M_{Qpy}	(l) x	3	3	3 P	10 Py Mc
10	A-143-142	—	(—)	M_{py}	(m)	3	5	2 M	o
	70 WEST (50)								
14211	V-96-103 ✓	Mx	(—)	P x	(lm)	1	4	4 M	o
12	A-159-105 ✓	—	(o)	M_{py}	(vl)	—	—	—	o
13	A-159-111 ✓	—	(o)	M_{py} x	(m)	2	6	3 M	o
14	V-139-41 ✓	—	(o)	MQ_{pymg} x	(m)	1	4	4 M	5 Py — no Zn, mg-int
15	-45 ✓	—	(o)	M_{py} x	(m)	3	4	2 M	o
16	-55 ✓	—	(—)	MQ_{py} x	(lm)	2	3	3 P	15 Py 2 Po
17	V-136-33 ✓	—	(o)	Mb —	(m)	3	2	4 M	o
18	-40 ✓	—	(o)	M_{Py}	(vl)	—	—	—	o
19	-55 ✓	—	(o)	MQ_{py}	(vl)	—	—	—	1 Py — hi Cu, lo
20	-58 ✓	—	(o)	M_{py} x	(m)	1	5	3 M	o
21	-61 ✓	—	(o)	MQ_{py}	(l)	3	4	4 M	o — hi Cp
22	V-131-3 ✓	Mb	(o)	MQ_{bpy} x	(m)	3	4	4 M	o — some MV in the ru

70 WEST cont'd

No	HOLE	Mag Tp	(ox)	Mk Tp (PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Py Mc Py	Misc
14223	U-131-5	✓ Mb	(o)	Mpy x (m)	3	6	3 M	o	
24	U-119-3	✓ MV	(o)	MV x (h)	5	3	1 M	o	
25	-5	✓ Mb	(o)	Mb — (mh)	3	3	4 M	o	
26	-8	✓ Mb	(o)	Mb — (m)	2	2	3 M	o	
27	-70	Mb	(—)	Mpy (lm)	1	4	2 P	3 Mc	
28	U-133-10	✓ MV	(—)	Mpy x (m)	3	6	1 M	o	
29	-14	✓ Mb	(—)	Mpy x (m)	3	5	1 M	o	hiPb
30	-18	✓ Mb	(—)	Mb — (m)	2	2	4 M	o	
31	-48	✓ MB	(—)	MQ x (h)	3+6 5	2	2 M	o	
32	-52	✓ MB	(o)	MQ x (m)	2	2	3 M	o	
33	-58	✓ P	(—)	MQ x (mh)	3	3	3 M	o	hiPb A-t coa
34	-116	MIQ	(—)	MQ (m)	3	2	6 M	o	
35	U-127-10	✓ Mb	(o)	Mpy (vl)	—	—	—	o	
36	-20	✓ Mpy	(—)	M — (h)	4	2	4 M	o	
37	-26	✓ M	(—)	M — (vh)	3	2	1 M	o	
38	-30	✓ PG	(o)	P x (m)	2	3	3 P	2 Py	
39	U-100-5	✓ M	(—)	M — (vh)	3	2	2 M	o	hiPb->1
40	-13	✓ MB	(—)	MQ py (m)	4	5	4 M	o	
41	-88	✓ PG	(—)	Mpy x (m)	2	5	4 P	o	
42	-92	✓ MIQ	(—)	MQ py (vl)	—	—	—	o	
43	U-125-12	✓ MV	(—)	MV x (vh)	4	4	2 M	o	
44	-25	✓ MV	(m)	M x (vh)	4	2	3 M	o	
45	-39	✓ MV	(m)	MV x (m)	4	4	2 M	o	
46	-42	✓ MV	(h)	MV x (h)	6	3	3 M	o	
47	-53	✓ MB	(o)	Mpy x (m)	3	5	2 M	o	
48	-60	✓ M	(o)	Mpy (vl)	—	—	—	o	
49	-66	✓ P	(o)	MQ py (vl)	—	—	—	o	
50	-73	✓ MV	(o)	MQ py (vl)	—	—	—	o	

70 WEST CONT'D

NO.	HOLE	MegTp	(ox)	MinTp (Pb-Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gn	Po Mc Py	MISC
14251	V-125-80	MIQ	(m)	MQ (h)	4	3	3	M O	
52	-92	P	(o)	P (mh)	2	2	3	P O	hi Pb
53	V-88-5	MV	(o)	Mpy (m)	2	4	2	M O	
54	-15	MVb	(o)	MVb (m)	3	2	3	M O	
55	V-123-105	M	(o)	M-Mpy (vl)	—	—	—	5 Mc ½ Po	hi Cu, Mg
56	-112	M	(o)	MQpy (vl)	—	—	—	½ Po Mc	hi Cu, fine diss M.
57	-118	M	(o)	M (mh)	2	4	2	P I Po Mc	hi Zn lo Pb
58	V-113-70	Mb	(-)	Mb (m)	3	3	3	M O	
59	-80	Mb	(o)	MQpy (l)	3	4	3	M O	hi Cu, Mg
60	-90	P	(o)	MQpy (vl)	—	—	—	10 Py	10 Mg
61	V-106-5	—	(o)	Mpy (m)	2	5	1	M O	
62	-10	—	(o)	Mpy (h)	3	4	2	M O	
63	-15	PG	(-)	Ppy (l)	1	4	4	P 10 Py	
64	-102	MIQ	(o)	MQI (vh)	4	3	2	M O	
65	V-102-5	M	(o)	M — (vh)	4	2	2	M O	good Ga/Sp = 4
66	-15	MIXQ	(o)	MQpy (m)	1	5	2	M O	lo Pb
67	-25	P	(o)	P (m)	3	4	4	P 20 Mc	(ox?)
68	-33.5	MX	(-)	MX — (h)	6	4	2	M O	
69	-40	MX	(o)	MQpy (l)	1	5	4	M O	
70	-45.7	M	(o)	M — (vh)	3	2	1	M O	
71	V-104-10	M	(o)	MQ (vh)	4	3	2	M O	
72	-14	M	(o)	M — (vh)	5	4	2	M O	vuggy
73	V-92-5	M	(o)	MQ (h)	3	2	3	M O	
74	-10	MV	(m)	Mpy V (vl)	—	—	—	O	(ox?)
75	-15	MV	(l)	Mpy V (lm)	3	3	2	M O	lo Pb (ox?)
76	-18	MV	(l)	M — (h)	5	3	3	M O	
77	-30	M	(o)	Mpy (l)	1	6	1	P O	
78	-40	M-P	(o)	MQpy (l)	1	5	4	P O	

70 WEST contd

No.	HOLE	MegTp (ox)	MicTp (Pb Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gn	Pb Mc Py	MISC
14279	U-103-57	Phyllite should be	B(n.a) – brq. schist					
80	-65	Phyllite 103	Pyrrp. – bearing	schist +	+ ab. v.f.g.	needles	gangue	
81	U-111-65	MX_{QK} (o)	MXQ (vl)	—	—	—	8Py	Yphi Cu

72 WEST SECTION (82)

14316	U-19-22	✓M	(-)	MQ_{py}^{x} (m)	2	4	4	$M_{25}Py$	
17	-30	✓Mb	(-)	PX_M (l)	3	3	3	$M_{10}Py$	
18	-35	✓M	(-)	MQ_{py}^{x} (m)	3	4	4	M o	Mg=10
19	-40	✓M	(-)	MQ_{py}^{x} (m)	2	[5]	4	$M_{25}Py$	
20	-45	✓Mb	(-)	MQb^{x} (m)	2	2	5	M O	
21	-50	✓M	(-)	MQx (m)	1	3	3	M 5Pb 15 Py	
22	U-14-25	✓M	(-)	M – (h)	3	4	2	M O	
23	-35	✓Sb-P	(-)	S (m)	—	—	—	5Py	
24	-40	✓MBb	(o)	Px (m)	4	3	3	P O	
25	-43	✓M	(-)	Px (m)	2	2	5	P 10Py	
26	-49	✓MI	(-)	M – (h)	4	4	2	M O	
27	U-3-70	✓M+QX_M	(-)	MQX_{py}^{x} (m)	3	4	4	P O	
28	-5	✓P	(-)	Px (m)	3	2	3	P O	
29	-10	✓M	(-)	MQx (m)	1	3	3	P O	
30	-15	✓M	(e)	M – (vh)	(6)	3	1	M O	
31	-16	✓M	(e)	$M+M_{py}^{x}$ (vh)	(6)	[6]	3	M O	
32	U-21-15	✓M	(-)	MQ_{py} (vl)	—	—	—	5Py	
33	-41	✓Mb	(-)	$Mp_{y}^{x}Q$ (mh)	3	4	3	M O	
34	-41A	✓Mb	(-)	Mb – (h)	3	3	3	MO	
35	U-4-5	✓P	(e)	P (vl)	—	—	—	2Py	} up to 15 taken for metall. test
36	-15	✓M	(-)	M – (h)	4	4	2	MO	
37	-16	✓M	(-)	Px (mh)	2	4	3	MO	

72 W Cont'd

No.	HOLE	MegTp	(ox)	MicTp (Pb2n)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	PoMcPy	MISC
14338	U-4-19	MI	(e)	MI=MQ + (h)	(6)	4	2 M	O	good MIQ
39	-48	Mb	(-)	Mb — (m)	(5)	1	5 M		
40	U-8-28	P	(-)	P + (lm)	2	4	3 P	1 Py	
41	-41	M	(e)	M py + (m)	2	[6]	1 M	O	
42	-43	M	(e)	M py + (m)	(5)	[6]	5 M	O	
43	U-10-10	P	(-)	P + (lm)	2	1	3 P	O	
44	-41	—	(e)	P (()X (l)	3	4	P	5 Py	
45	-51	P	(-)	P + (m)	2	3	4 M	3 Mc	
46	-57	MI	(m)	MI — (vh)	(6)	[5]	2 M	O	
47	U-18-14	Sg	no pol sn — too brittle						
48	-15	MV	(e)	MV + (h)	(6)	2	4 M	O	
49	-16	M	(e)	M py + (lm)	3	[6]	2 M	O	little Pb ∴ Ga/Sp=3
50	-18	M	(-)	M — (vh)	(6+)	2	2 M	O	hi Pb2n Worst Ga/Sp ever
51	-20	M	(e)	M py + (m)	3	[5]	3 M	O	x 3 for py
52	-25	M	(m)	M — (m)	(5)	3	2 M	5 Py	
53	-30	MV	(e)	MV + (h)	4	3	2 M	O	
54	-35	Mb	(-)	M py + (lm)	3	[6]	2 M	O	x 3 for py
55	-40	MX$_M$	(e)	M py X + (lm)	3	[5]	2 M	O	x 3 for py
56	-45	S	(-)	S (n)	—	—	—	5 Py	
57	-65	M	(e)	M py Q + (m)	2	4	3 P	O	
58	-77	M	(e)	M — (mh)	3	4	3 M	O	
59	-88	P	(-)	P py (vl)	—	—	—	O	
60	U-12-16	MX$_M$	(e)	M — (vh)	(6)	3	4 M	O	
61	-17	MV	(e)	MV py (vl)	—	—	—	O	OX?
62	-18	M	(-)	M py + (h)	4	[5]	1 M	O	
63	-20	MXV	(e)	M py X + (m)	3	[5]	2 M	O	
64	-25	MV$_L$	(e)	Mb — (m)	3	2	3 M	O	
65	-28	Mb	(-)	Mb — (lm)	3	2	4 M	O	one more 3, one less 2

72W cont'd

NO.	HOLE	MegTp	(Ox)	MicTp	(PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	PoMcPy	MISC
14366	U-12-55	MI	(-)	MI	(mh)	4	5	2	M 25 Po	
67	-63	—	(-)	M-Mpy	(h)	5	5	4	M o	
68	-69	M	(-)	Ppy	(vl)	—	—	—	o	
69	-75	PXM	(e)	PX	(vl)	—	—	—	o	
70	U-20-20	M	(e)	M	(h)	5	5	2	M o	← one mid 5, one less 3
71	-22	M	(-)	MQX	(mh)	6	4	5	M o	
72	-60	MI	(-)	MQ	(h)	4	2	5	M 20 Py 2 Po	
73	U-5-17	P	(-)	P	(vl)	1	3	3	P 2 Py	
74	-30	M	(e)	MpyX	(m)	3	6	1	M o	ox
75	-34	M	(e)	PpyX	(m)	4	4	3	M o	
76	-65	M	(e)	Mpy	(mh)	2	3	1	M o	
77	-72	P	(-)	P	(m)	3	3	3	P	
78	U-23-32	M	(-)	MQX	(vh)	4	3	2	M o	
79	-40	M	(e)	Mpy	(vl)	—	—	—	o	
80	-50	M	(e)	Mpy	(vl)	—	—	—	o	hi cp
81	-56	M	(-)	MpyX	(m)	2	6	2	M o	
82	-65	P	(e)	Mpy	(h)	3	4	3	P o	
83	U-17-40	MV	(e)	MpyX	(m)	4	5	2	M o	
84	-50	MV	(-)	MQVX	(h)	4	2	3	M o	
85	-100	P	(-)	P	(vl)	—	—	—	o	
86	U-9-10	P	(-)	P X	(m)	2	3	3	P o	
87	-30.5	MI	(m)	MQX	(m)	3	3	4	M o	
88	-40	MV	(e)	MV	(h)	5	3	3	M 1/2 Mc	
89	-52	PG	(m)	P	(vl)	—	—	—	1/2 Mc	
90	-46	MV	(e)	M	(m)	5	3	4	M o	
91	U-84-3	MP	(-)	PX	(m)	1	3	4	M o	C
92	-15	MI	(-)	M	(m)	3	4	3	M o	
93	-42	MV	(e)	P	(m)	3	3	4	M o	

72 W Cont'd

NO	HOLE	MegTp	(Ox)	MicTp	(Pb Zn)	Ga/Sp	Ga/Py	Ga/Gn	Po Mc Py	MISC.
14394	U-84-47	Mb	(e)	Mb	(vh)	3	3	3M	O	Th v.a.+ other gn
95	-55	PX$_M$	(-)	P	(l)X	1	1	5P	5Mc Py	
96	U-26-10✓	P	(-)	P	(l)X	(1)	3	4P	2Py	
97	-15✓	P	(-)	Px	(m)	1	4	3P	O	
98	-30✓	P	(-)	P	(l)X	2	2	3P	O	Ga Sp in 1 pan
99	-55✓	P	(e)	P	(l)X	1	4	4P	2Py	
14400	A-132-75✓	P-S$_G$	(e)	Px	(m)	2	3	3P	O	
14501	-96✓	M	(-)	Px	(m)	2	3	5P	O	
2	-100✓	M	(e)	MQx	(mh)	3	4	3M	O	
3	-110✓	P	(e)	MQx	(m)	3	3	3P	O	
4	-135✓	MV	(e)	Mpy Q	(l)X	1	[5]	3M	O	
x 5	-141✓	M	(-)	M—	(h)	4	[5]	2M	O	
x 6	U-11-1✓	—	(-)							Data pcs marked 14505
7	-7✓	MV	(e)	MVx	(h)	4	2	2M	O	
8	U-22-10✓	P	(-)	Px	(m)	2	4	4P	O	
9	-25✓	P$_G$	(-)	Px	(m)	2	2	4P	O	
10	-27✓	M	(-)	M—	(h)	4	4	1M	O	
11	-35✓	MV	(e)	MVx	(h)	4	3	2M	O	
12	-40✓	M	(e)	Mpy	(lm)	3	[6]	2M	O	
13	-42✓	S$_G$	(-)	S	(n)	—	—	—	O	
14	-77	M	(e)	P	(ml)	1	3	3P	O	
15	U-27-5✓	P	(-)	Px	(m)	2	3	3P	O	
16	-40✓	M	(-)	MQx	(m)	4	3	3P	O	
17	-75✓	PX$_M$	(e)	Ppy x	(m)	3	3	3P	5Py	
18 x	U-13-65	PM	(-)	P-MQ	(m)	1	3	3P	1Py	hi Pb
19	-152	P	(-)	P	((m)	2	3	4P	5Py	
20	-180	M	(-)	P	((m)	1	2	4M	10Py	

74 WEST (1) (51)

SEC	HOLE	MegTp (Ox)	MicTp (PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	PoMcPy	MISC.
14282	U-33-25	Mb (-)	Mb (h)	4	2	3	M O	
83	U-30-5	Mb (-)	P-Mb (l)	2	3	3	M O	
84	-25	M (o)	MQ (h)	5	3	3	M 20Po 20Py	
85	-28	MIQ (-)	MQ (h)	3	3	3	M 10Py	
86	U-32-1	MIQ (-)	MQ (m)	2	3	3	M O	
87	-30	M (-)	M (h)	6	3	3	M O	
88	-92	MB (o)	Mpy (l)	3	6	4	I O	
89	-54	M (o)	Mpy (m)	3	6	1	M O	hi Cu
90	U-15-21	M (o)	MQpy (l)	1	4	4	I 8Py	
91	-25	MIQ (o)	Mpy (vl)	—	—	—	O	
92	-69	M (o)	Mpy (l)	4	5	4	I O	
93	-110	P (o)	P (l)	2	4	4	P O	
94	-115	MIQ (o)	Mpy (m)	3	4	3	M O	hi Cu
95	-125	MIQ (o)	M (vh)	4	2	3	P O	
96	-180	M (o)	MQ (m)	4	4	4	P 30Py	
97	U-42-10	P (o)	P (ml)	3	4	4	P O	
98	-20	PG (-)	P (lm)	3	2	3	P O	
99	-26	P (o)	P (l)	1	3	4	P O	
14300	-30	MIQ (o)						missing
14401	-33	M (o)	Mpy (mh)	6	5	5	M O	
02	U-28-10	Sb-P (-)	P (l)	2	4	5	P O	
03	-20	MVXs (l)	M (h)	3	3	3	P O	
04	-63	M (o)	MQx (h)	5	3	4	M O	
05	U-29-54	SG (-)	P (l)	2	5	5	P 5Py	(near fault)
06	-56	M (-)	MV (mh)	6	4	3	M O	(" ")
07	-59	M (-)	Mpy (h)	4	4	2	M O	hi Cu, hi Tn
08	-62	PG (o)	P (l)	2	3	3	P O	
09	-67	P (o)	P (l)	3	2	4	P O	
10	U-34-45	PSb (-)	P (vl)	—	—	—	O	(not assayed)
11	-25	PSb (-)	P (l)	2	1	4	P 3Py	

74 WEST (2)

SEC	HOLE	MegTp (Ox)	MicTp (PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	PoMcPy	MISC.
14412	U-34-55	MIQ (-)	Mpy (m)	4	5	3	M O	
13	-65	Mb (o)	M (mh)	3	3	3	M O	
14	-80	M (o)	M (mh)	4	4	3	M O	
15	-105	P (-)	P (vl)	—	—	—	O	
16	U-35-70	M-MV (o)	Mpy (m)	3	4	2	M O	
17	-80	MIQ (o)	MQpy (m)	3	4	2	M O	fg. Py vg.
18	-90	P (o)	P (m)	3	3	3	P O	
19	U-47-10	P (o)	MQ (l)	3	4	4	P O	
20	-20	M (o)	MQ (m)	3	3	3	P O	
21	-60	M (o)	Mpy (vl)	—	—	—	O	
22	-65	Mb (-)	M (mh)	3	4	2	M O	
23	U-45-40	P (o)	P (m)	3	3	3	P O	
24	-50	MV (l)	MV (vh)	1	1	2	M O	
25	-56	M+MV (m)	Mpy (m)	3	5	1	M O	
26	U-51-10	P (o)	P (m)	3	3	3	P O	
27	-23	P (o)	P (m)	3	1	3	P O	
28	-30	P (-)	P (l)	3	3	5	P O	
29	-35	P (-)	P (ml)	2	4	3	P 5Py	
30	-40	P (-)	P (mh)	2	3	4	P O	
31	-45	SG (-)	P (tr)	—	—	—	O	
32	U-53-5	P (m)	MQ (m)	3	3	3	P O	
33	-15	P (-)	P (l)	2	3	5	P O	
34	-30	P (-)	MQpy (m)	3	5	3	P 5PyMc	
35	-35	P-Sb (-)	P (l)	2	2	5	P 5Py	
36	-40	P (o)	Ppy (m)	3	4	4	P O	
37	-44	P (o)	P (m)	3	3	4	P O	
38	U-54-10	P (o)	Ppy (m)	2	4	3	P O	
39	-40	P-MXs (-)	P (l)	2	4	4	P O	
40	-60	P (-)	P (l)	2	4	4	P O	
41	-70	P (-)	Ppy (m)	5	6	5	P O	Py 50% vfg also

74 WEST (3)

SEC	HOLE	MegTp (Ox)	MicTp (Pb,Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	PbMcPy	MISC.
14442	U-54-100	PSb (o)	P (m)	4	1	4	P o	
43	A-141-50	PG (-)	P (m)	3	2	4	P o	
44	-60	P (-)	P (vL)	—	—	—	1Pb5Py	
45	-75	P (-)	M-Mpy (mh)	3	4	2	P o	hi Cu
46	-87	P (-)	Ppy (mh)	2	4	3	P o	
47	U-57-5	P (o)	MQ (mh)	3	3	3	P o	
48	-15	P (-)	P (vL)	—	—	—	o	
49	-25	P (-)	P (m)	3	2	4	P 5Pb 3Py	
50	-50	P (-)	P (vL)	—	—	—	o	
51	U-46-16	P (-)	Ppy (m)	3	4	4	P o	
52	-45	P (-)	Ppy (m)	3	4	4	P o	
53	-66	MV (-)	MVpy (L)	2	4	3	M o	
54	U-40-45	MIQ (o)	M (m)	3	3	3	M o	hi Tn, Cp
55	-59	M+MXs (-)	MXpy (mL)	2	5	3	M o	
56	-70	M+MV (e)	M-MQx (m)	4	4	4	M o	
57	-10	P (-)	P (m)	2	4	4	P o	
58	-20	P (-)	P (L)	2	3	4	P o	
59	-30	P (-)	P (vL)	—	—	—	o	
60	U-117-2	P (-)	P (L)	2	3	3	P o	
61	-17	P (-)	P (m)	3	4	5	P o	
62	U-48-42	P (-)	MQ (h)	4	3	4	P o	
63	-69	MIQ (-)	P (tr)	—	—	—	5Pb5Py	
64	-75	M (-)	Mpy (L)	2	6	2	M o	

76 WEST / (1) (60)

SEC	HOLE	MegTp (Ox)	MicTp (PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14521	U-63-5	M	Mpy (m)	3	4	3 M	O	
22	-10	M	M (h)	5	4	2 M	O	
23	-57	M	MQpy (m)	2	4	4 M	5Py	
24	-64	M	MVb (mh)	5	3	4 M	3Bo 3Py	
25	-60	Mb	Mb (m)	3	3	3 M	O	
26	U-65-2	Mb	Mpy (m)	3	6	(1) M	O	
27	-10	MV	MXpy (m)	4	3	5 M	O	
28	-15	MI	MQ (mh)	5	4	4 M	O	
29	-19	M	MQ (mh)	6	5	4 M	O	
30	-45	M	M (h)	4	4	3 M	O	
31	-50	M	P (l) X	3	3	5 M	3Py	
32	U-58-2	M	MVpy (m)	5	5	1 M	O	
33	-10	M (l)	P (tr)	—	—	—	5Py	
34	-15	M	M (h)	4	4	1 M	O	
35	-18	M	M (h)	5	4	2 M	O	
36	-90	M	Mpy (tr)	—	—	—	O	
37	-95	M	Mpy (vl)	—	—	—	O	
38	-100	M	MQ (lm)	6	3	5 M	10Py	
39	U-59-10	MI	MQ (h)	3	3	3 M	O	
40	-20	M	M (vh)	6	4	3 M	O	abv fg Py
41	-30	M	MVb (m)	6	3	6 M	O	
42	-40	M	MVb (m)	5	3	5 M	O	
43	-50	M	Mpy (tr)	—	—	—	10Py	
44	-54	Mb (vs)	MVox (m)	6	2	5 M	O	
45	-107	Po+M	P (vl)	—	—	—	5 Py+Mk	
46	U-60-10	P	P (l) X	1	1	4 P	O	
47	-25	P	MQ (m)	4	3	4 P	O	
48	-30	Mb	MQ (m)	3	3	3 M	O	
49	-32	M	Mpy (m)	3	4	3 M	1 Py	
50	-34	Mb	M (h)	3	5	3 M	O	In Tn

76 WEST / (2)

SEC	HOLE	MegTp (Ox)	MicTp (Pb,Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14551	U-60-58	M(inG)	M (h)	4	3	3 M	O	(3-5cm MinG)
52	-62	M	MQb (m)	3	3	3 M	O	(extr. leached)
53	U-129-10	P	P (l)	3	3	3 P	O	
54	-25	P	P (m)	2	2	3 P	O	
55	-56	P	P (m)	2	2	3 P	O	
56	-72	P	P (m)	3	2	3 P	O	
57	-76	MV	MVb (m)	3	2	4 M	O	
58	-82	Mb	MQ (m)	3	2	3 M	O	
59	-91	Mb	Mbpy (m)	3	4	3 M	O	
60 x	-123	M	M (vh)	5	2	1 M	O	
61	-130	M	Ppy (vl)	—	—	—	O	tr Cu
62 x	-134	M+MI	MQ (mh)	5	5	4 M	5 Py	much vfg Py
63	U-126-15	P	P (m)	3	3	3 P	O	
64	-30	P	P-MQ (m)	3	3	3 P	O	
65	-45	P	P (m)	3	3	3 P	O	
66	-75	M	P (m)	2+4	2	4 M	O	(leached vuggy)
67	-90	MI	Mpy (mh)	4	5	2 M	O	
68	-100	Mb (O)	Mbox (m)	3	3	3 M	O	(tight)
69	-107	M	Mpy (l)	3	5	2 M	O	
70	-120	M	Mpy (m)	3	4	2 M	O	
71	-128	M	Mpy (h)	—	—	—	O	(leached, vuggy)
72	-132	M	Mpy (vl)	—	—	—	O	
73	-136	M-P	P (tr)	—	—	—	O	tr Cu
74	U-128-10	PX	P (l)	4	2	4 P	O	(leached vuggy)
75	-75	P	MQ (mh)	3	3	3 P	O	(" " ")
76	-83	M	M (vh)	4	2	2 M	O	
77	U-85-10	PG	P (l)	2	2	4 P	O	
78	-15	M	MXpy (l)	2	4	4 M	2	(leached porous)
79	-19	M	M-Mpy (h)	6	5	1 M	O	(leached porous vg)
80	-23	M	Ppy (vl)	4	4	4 M	O	(" " ")

76 WEST (3)

SEC	HOLE	MegTp (Ox)	MicTp (PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14581	U-130-20	P	P (m)	1	3	4	P 0	
82	-30	P	P (m)	3	3	3	P 0	
83	-35	P	MQ (m)	2	4	4	P 0	
84	-37	P	MQ (m)	2	4	4	P 0	
85	U-118-5	P	~~P (l)~~	—	—	—	5Py	
86	-25	PX_m	~~P_x (l)~~ X	~~5~~	~~3~~	~~5~~	~~P 0~~	(tested; veggy)
87	-43	P.	~~P (l)~~	—	—	—	0	
88	-50	P	MQ (mh)	3	2	3	P 0	
89	-56	P	~~P_{py} (tr)~~	—	—	—	0	
90	U-132-65	MI	MQ (m)	5	5	4	P 0	
91	-90	P	P (m)	3	2	5	P 2Py	
92	-100	P	P (m)	3	3	3	P 0	
93	A-155-50	P	~~P (l)~~	—	—	—	0	
94	-60	P	MQ (m)	3	3	3	P 20Py	
95	-70	P	P (m)	2	3	3	P 0	
96	-80	P	M (h)	3	3	3	P 0	
97	U-89-15	P	MQ (mh)	3	3	3	P 0	
98	-19	M	MX (m)	3	2	4	M 0	
99	-26	M	MQ (h)	6	4	4	M 0	
14600	-22	M	M (mh)	6	4	2	M 0	
14701	U-89-30	MI	MQ (m)	5	4	4	M 0	
02	U-114-20	P	P (m)	2	3	3	P 0	
03	U-61-20	M	~~M_{py} (l)~~	—	—	—	3Py	
04	-30	M	~~P_{py} (l)~~ X	~~1~~	3	3	M 0	
05	-90	M (l)	~~M_{py} (l)~~ X	~~2~~	~~5~~	~~3~~	~~P 0~~	

78 WEST (1) (62)

SEC	HOLE	MegTp	(Ox)	MicTp	(PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14465	U-69-25	M+MV	(-)	M	(m)	5	5	3	M O	
66	U-67-9	P	(-)	P	(m)	2	2	3	P O	
67	-20	MIQ	(-)	MQ	(m)	3	3	3	M O	
68	-25	Mb	(-)	Mb	(h)	5	2	3	M O	
69	-30	M+MV	(-)	M-Mpy	(h)	3	5	3	M O	
70	-35	M	(-)	MQ	(mh)	4	4	2	M O	
71	-40	G.	(-)	G	(a)	—	—	—	2Py	v.v little graphite if any
72	U-71-5	P	(-)	P	(m)	2	2	3	P O	
73	-18	P	(-)	P	(m)	2	2	3	P O	
74	-21	P	(-)	P	(m)	3	4	4	M O	
75	-25	P	(-)	P	(m)	4	4	4	M O	
76	U-68-12	M	(-)	M	(vh)	6	3	1	M O	
77	-15	M+MV	(-)	M	(h)	4	3	2	M O	ii Tn
78	-20	MB	(-)	P	(m)	3	3	3	M O	
79	-22	M	(-)	M	(h)	6	3	1	M O	
80	U-79-15	PG	(-)	P	(vl)	—	—	—	O	
81	-32	M	(-)	Mpy	(tr)	—	—	—	O	
82	-34	M	(-)	Mpy	(vl)	—	—	—	O	hi Cp
83	-36	MIQ	(-)	Mpy	(m)	2	6	1	M O	
84	-67	M	(-)	MV	(vh)	6	5	4	M O	vuggy
85	-73	Mb	(-)	Mb	(mh)	4	3	4	M O	
86	-79	M	(-)	Mpy	(mh)	3	5	2	M O	
87	U-72-10	P	(-)	P	(l)	3	3	3	P O	
88	-30	M	(-)	M-Mpy	(h)	4 (5+3)	4	1	M O	hi Cu
89	-65	M+Mb	(-)	Mbpy	(m)	3	4	3	M O	
90	-107	P	(-)	Mbpy	(m)	4	4	4	P O	
91	-125	P	(-)	MQ	(mh)	3 5/2	2	3	P O	
92	U-75 -24	P-Sb	(-)	P	(l)	2	3	3	P	Py Mc
93	-52	P	(-)	Ppy	(tr)	—	—	—	5Py Mc	
94	-55	M+MV	(e)	Mpy	(m)	3	4	1	M O	

78 WEST (2)

SEC	HOLE	MegTp	(Ox)	MicTp	(PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14495	V-75-60	M+MV	(-)	Mpy	(m)	1	6	1	M o	
96	-65	M	(-)	Mb	(h)	4	4	4	M o	
97	-70	M	(-)	M	(m)	3	3	4	M o	
98	-73	M	(-)	Mb	(mh)	4	3	3	M o	Tn
99	-130	MIQ	(-)	MQpy	(m)	3	4	3	M o	
14500	-168	MXs	(-)	M	(m)	4	4	5	M o	(near fault) coop
14601	V-77-73	M	(-)	Mpy	(m)	3	6	1	M o	
02	-80	P	(-)	Ppy	(vl)	—	—	—	3 Py Mc	—
03	-105	MIQ	(-)	M	(m)	2	4	2	M o	
04	-142	P	(-)	MQ	(mh)	6	5	4	P o	hig2 for Ga/Sp
05	V-93-2	P	(-)	Ppy	(m)	3	4	3	P o	
06	-10	P	(-)	Ppy	(m)	1	4	4	P o	
07	-24	(-)	(-)	Ppy	(vl)	—	—	—	2 Py Mc	
08	-45	P	(-)	P	(m)	3	3	3	P o	
09	-55	P	(-)	P	(vl)	—	—	—	o	
10	-59	P-Sb	(-)	MQ	(h)	5	3	3	P o	
11	-65	P	(-)	P	(l)	2	4	3	P o	
12	V-148-45	P	(-)	P	(m)	2	3	4	P o	hi Cu
13	-60	P	(-)	MQ	(m)	4	4	4	P o	
14	V-97-25	P	(-)	MQ	(l)	2	4	3	o	
15	-45	PXsericite	(-)	MX	(m)	4	3	3	P o	
16	V-99-2	P	(-)	P	(m)	3	2	3	P o	
17	-6	P-Sb	(-)	P	(m)	2	3	3	P o	
18	-50	P-Sb	(-)	MQ	(h)	4	2	3	P o	
19	-116	MIQ	(-)	Mpy	(m)	3	6	1	M o	
20	-121	M	(-)	Mpy	(m)	2	5	3	M o	
21	-125	P	(-)	MQ	(m)	2	3	3	P 2 Py Mc	
22	-145	PG	(-)	MQpy	(l)	—	—	—	5 Py	—
23	V-101-60	PG	(-)	MQpy	(l)	—	—	—	o	—
24	-99	M	(-)	MVb	(m)	4	3	5	M o	

78 WEST (3)

SEC	HOLE	MegTp	(Ox)	MicTp	(PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	PbMcPy	MISC.
14625	V-101-140	P-Sb	(-)	P	(tr)	—	—	—	10Py18	
26	-143	Sbc	(-)	S	(vl)	—	—	—	0	
27	V-105-3	MIQ	(-)	M	(l)	1	3	2 P	0	
28	V-107-15	PG	(-)	P	(vl)	—	—	—	0	
29	-35	P	(-)	MQ	(m)	3	3	3 P	0	
30	-50	P	(-)	P	(m)	2	3	3 P	0	
31	-60	P	(-)	P	(m)	3	4	3 P		
32	V-109-3	P	(-)	Ppy	(vl)	—	—	—	0	
33	-52	P	(-)	MQ	(m)	3	3	3 P	0	
34	-95	P	(-)	P	(m)	3	2	3 P	5Py	
35	-100	P	(-)	P	(m)	3	2	3 P	10PyMc	
36	A-158-52	P	(-)	P	(m)	3	3	3 P	5PyMc	
37	-70	P	(-)	P	(m)	2	1	4 P	0	
38	-94	P	(-)	P	(m)	4	2	4 P	15PyMc	
39	-105	P	(-)	Ppy	(vl)				20Py	
40	-121.5	P	(-)	P	(m)	2	3	3 P	2Py	
41	A-161-38	P	(h)	P	(m)	2	1	4 P	0	
42	-64.6	P	(-)	P	(m)	2	4	3 P	0	
43	-70	PG	(-)	P	(m)	3	3	3 P	0	
44	-85	PG	(-)	P	(m)	2	3	3 P	0	
45	-115	P	(-)	Ppy	(vl)	—	—	—	0	
46	V-91-8	P	(-)	P	(m)	3	3	3 P	0	
47	-28	P	(-)	P	(l)	1	3	3 P	0	
48	-64	P	(-)	P	(m)	2	3	3 P	3PyMc	

80 WEST (1) (53)

SEC	HOLE	MegTp (Ox)	MicTp (Pb Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
1406	U-151-5		MQ (mh)	6	4	5	P O	
07	-10		P (m)	3	3	4	M O	
08	-15		P (m)	2	3	3	M O	
09	-20		P (vl)	—	—	—	O	
10	-22		Phyll. (a)	—	—	—	O	
11	-55		Mb (mh)	4	2	5	M O	
12	-60		MVb (h)	6	3	4	M O	hi Pb
13	-65		MQ-P (m)	3	4	4	M 15 Py	
14	U-153-10	P	P (m)	3	1	4	P O	
15	-20		P (m)	2	3	3	P O	
16	-30		Mpy (vl)	—	—	—	O	
17	-38	Mb	MB-Mpy (m)	3	4	4	M O	
18	-41		Mb (mh)	3	3	3	M O	
19	U-150-4		P (l) X	3	3	5	P O	
20	-20		P (vl)	—	—	—	O	
21	-23		P (vl)	—	—	—	O	
22	-27		Ppy (m)	2	4	4	M O	
23	-31		Py (l) X	1	3	1	O	
24	-140		Mpy (m)	1	5	2	M O	
25	U-154-5		P (m)	3	3	3	P O	
26	-15		P (m)	2	4	3	P O	
27	-25		P (m)	1	3	3	P O	
28	U-156-5		P (mh)	2	1	2	P 2Py 2Po	
29	-50		PMQ (l) X	2	2	3	P O	
30	-55		Mpy (m)	2	6	1	M O	
31	-60		Mbpy (m)	3	4	4	M O	
32	-64		Mb (m)	3	2	4	M O	
33	U-151-21		MQ (m)	3	6	4	M 8Py 3Po	
34	U-152-20		P (vl)	—	—	—	O	
35	-30		P (l) X	2	3	3	P O	

80 WEST (2) 4

SEC	HOLE	MegTp (Ox)	MicTp (Pb,Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14736	U-152-40		P (vl)	—	—	—	5 Py	
37	-45		P (m)	2	4	5 P	2Po 2Py	hi Cu
38	U-149-10		P (m)	3	3	3 P	O	
39	-31		P (m)	3	3	3 P	O	
40	-110		MPy (m)	3	5	2 M	O	
41	-126		MVPy (m)	2	6	3 M	O	str. ox.
42	-130		Mb (m)	4	2	4 M	O	
43	-140		P (m)	2	3	3 P	O	
44	-153		P (vl)	—	—	—	3 Py	
45	U-142-1		M (vh)	4	4	2 M	O	
46	-3	M						
47	-5		P (m)	3	4	3 M	O	
48	-7		MPy (m)	1	4	3 M	O	
49	-25		Mb (h)	3	2	3 M	O	
50	U-142-40		P (m)	3	4	3 P	O	
51	-50		MBh (h)	5	5	3 M	O	
52	-55	M	M-MPy (h) / PV (m)	4 / 3	5 / 2	3 / 3 M	O	
53	-100		P (c)	1	4	4 P	O	
54	-110	PG	P (tr)	—	—	—	O	
55	-117		MPy (vl)	—	—	—	O	
56	-119	Mb	MPy (m)	3	5	3 M	O	
57	-125		MQx (m)	4	4	4 M	O	
58	-129	MXS ox	MXPy (m)	4	4	4 M	O	
59	U-135-2		P (m)	3	2	4 P	O	
60	-47		P (m)	2	3	3 P	O	
61	-60		MQ (h)	3	3	4 P	O	
62	-85		P (m)	3	2	3 P	O	
63	-110		P (l)	(1)	5	3 P	7 Po/Mc	
64	-137		MPy (m)	3	5	3 M	O	
65	-174		Ppy (vl)	—	—	—	10 Py	

80 WEST (3)

SEC	HOLE	MegTp (Ox)	MicTp (Plag)	Ga/Sp	Ga Sp/Py	Ga/Gm	Po Mc Py	MISC.
14766	U-135-180	M	M-Mpy (h)	4	4	2 M	D	
67	-186		Mpy (vl)	—	—	—	G	
68	U-140-1		MQ (m)	3	3	3 P	O	
69	-62		P (mh)	3	3	3 P	O	
70	-100		P (l) x	3	3	3 P	O	
71	U-146-25		P (m)	3	4	3 P	O	
72	-30		P (m)	4	2	4 P	O	
73	-45		P (m)	2	4	4 P	O	
74	A-160-53		P (vl)	—	—	—	SPy	
75	-70		P (h)	3	3	3 P	O	
76	-90		P (m)	2	3	3 P	O	
77	-100		P (vl)	—	—	—	O	
78	-110		P (m)	2	3	3 P	O	
79	-125		P (mh)	3	3	3 P	O	

82 WEST (1) (28)

SEC	HOLE	MegTp (Ox)	MicTp (Pb Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Pb Mc Py	MISC.
14649	U-164-2	P (-)	P (m)	2	2	3 P	0	
50	-5	M (-)	M (h)	3	3	2 M	0	
51	-10	— (-)	P (vl)	—	—	—	0	
52	-12	M (-)	M (h)	6	5	3 M	0	
53	U-158-5	M+MX$_s$ (-)	M (vh)	4-5	3	2 M	0	
54	-10	P (-)	P (m)	2	3	3 P	0	
55	-15	P-M (-)	M-Py (tr)	—	—	—	1 Py Mc	
56	-41	P (-)	P (l)	3	1	5 P	3 Py 1 Bo	in Cu
57	-46	Mb (-)	Mb (m)	4	4	4 M	0	
58	U-160-3	P (-)	P (m)	2	3	3 P	0	
59	-15	P$_G$ (-)	P-Py (vl)	—	—	—	0	
60	-40	M (-)	M (vh)	6	4	2 M	0	
61	-56	M (-)	M (mh)	3	4	3 M	0	Tn
62	-60	M (-)	M-Py (h)	3	5	1 M	0	
63	-64	Mb (-)	M-Py (m)	4	5	3 M	0	hi Tn
64	U-162-15	P$_G$ (-)	P (m)	1	3	3 P	0	
65	-27	M (-)	M-Py (l)	3	5	2 M	0	hi Cp exsln
66	-50	Mb (-)	Mb (h)	3	3	2 M	0	
67	-53	Mb (-)	M-Py (m)	3	5	2 M	2 Py	Tn
68	U-162-105	P (-)	P (m)	2	4	4 P	3 Bo 2 Py Mc	
69	-133	M (-)	M-Py (m)	5	4	3 M	0	
70	-146	M (-)	Mb (m)	3	3	3 M	0	hi Tn
71	U-188-10	S-Sc (-)	P (vl)	—	—	—	5 Py	
72	-20	P-S$_s$ (-)	P (m)	3	2	3 P	0	
73	-30	P$_G$ (-)	P (tr)	—	—	—	0	
74	-40	P (-)	P (vl)	—	—	—	0	
75	-80	S (-)	P (vl)	—	—	—	1 Bo	
76	U-172-4	MTQ (-)	M (h)	4	4	3 M	0	
77	-60	P (-)	P (m)	3	3	3 P	0	
78	-100	P (-)	P (l)	1	4	3 P	0	

82 WEST (2)

SEC	HOLE	MegTp (Ox)	MicTp (PbZn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14679	V-172-118	M (-)	M (h)	3	3	1 M	o	
80	V-168-35	P (-)	P (l)	2	3	1 P	o	
81	-117	MV+M (-)	MQ (m)	4	4	3 M	o	Tn hi
82	-124	M (-)	Mpy (m)	3	6	3 M	o	
83	-140	M (-)	M (h)	3	4	2 M	o	hi Tn
84	-155	M (-)	M (h)	6	4	5 M	o	
85	V-166-54	P (-)	P (m)	2	1	3 P	o	
86	-118	M (-)	Mpy (m)	4	5	4 M	o	
87	-135	P (-)	P (m)	2	2	3 P	o	hi Cp
88	-150	M (-)	Mpy (vi)				3	

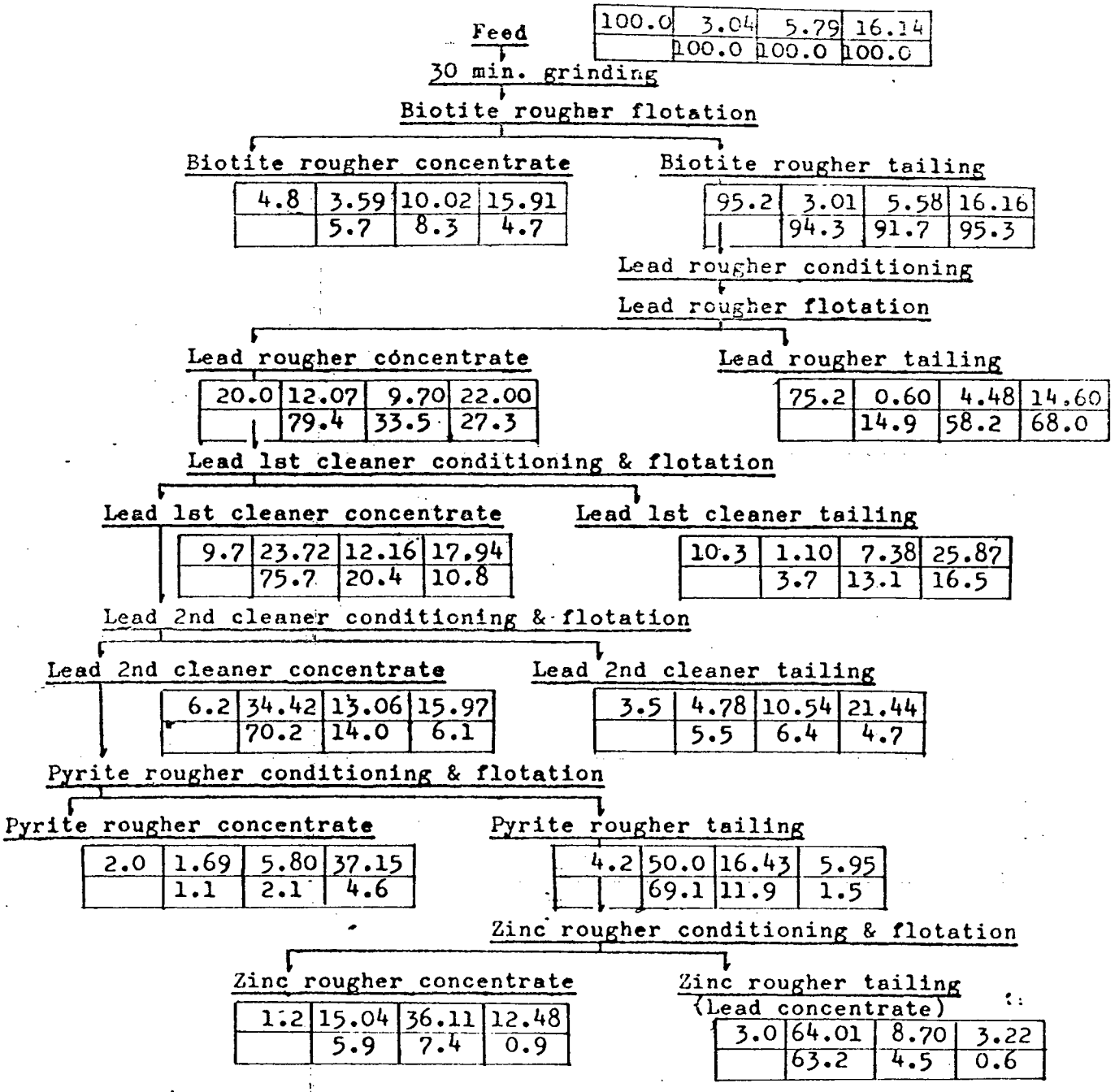
84 WEST / (1) (25)

SEC	HOLE	MegTp	(Ox)	MicTp	(Pb,Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14689	U-184-13	P	(-)	MQpy	(h)	4	4	2	P o	
90	-40	P-Sb	(-)	P	(l)	3	4	3	P o	
91	-55	PG	(-)	MQ	(h)	3	3	4	P o	
92	-135	P	(-)	P	(vl)	—	—	—	15 Po	
93	-142	M	(-)	Mpy	(m)	3	5	3	M o	
94	-150	S	(-)	S	(a)	—	—	—	5 Py	
95	U-186-3	P	(-)	MQ	(m)	3	3	3	P o	
96	-44	Sk+c	(-)	S	(tr)	—	—	—	o	
97	-48	Skc	(-)	P	(vl)	—	—	—	o	
98	-52	Skc	(-)	P	(vl)	—	—	—	o	
99	U-182-17	M	(-)	P	(m)	2	4	2	P o	(near fault)
14700	-23	P	(-)	P	(l)	3	3	4	P o	(" ")
14780	-65	M	(-)	M	(h)	3	4	3	M o	
81	-70.9	M	(-)	MV	(m)	5	4	4	M o	
82	-127	S	(-)	S	(tr)	—	—	—	3 Po	
83	-135	S	(-)	S	(a)	—	—	—	3 Py 2 Po	
84	U-180-1	P	(-)	MQ	(h)	5	3	3	P o	
85	-10	PG	(-)	Py	(vl)	—	—	—	5 Py 1 Po	
86	-20	P	(-)	MQ	(m)	4	3	3	P o	
87	U-170-10	P	(-)	MQpy	(m)	3	4	3	P o	
88	-25	P	(-)	P	(m)	2	4	3	P 3 Py Mc	
89	-35	M	(vl)	M	(h)	3	4	2	M o	
90	-45	MIQ	(-)	MQpy	(m)	3	5	4	M o	
91	-50	M	(-)	M	(h)	4	3	2	M o	
92	-54	P	(-)	P	(m)	3	3	3	P o	
93	U-176-30	PG	(-)	MQ	(mh)	5	3	4	P o	
94	-60	PG	(-)	MQ	(m)	3	3	3	P o	
95	-113	PG	(-)	P	(l)	2	4	2	P o	
96	-117	M	(-)	Mpy	(m)	3	3	3	M o	
97	-155	M	(-)	Mpy	(m)	2	5	2	M o	

84 WEST (2)

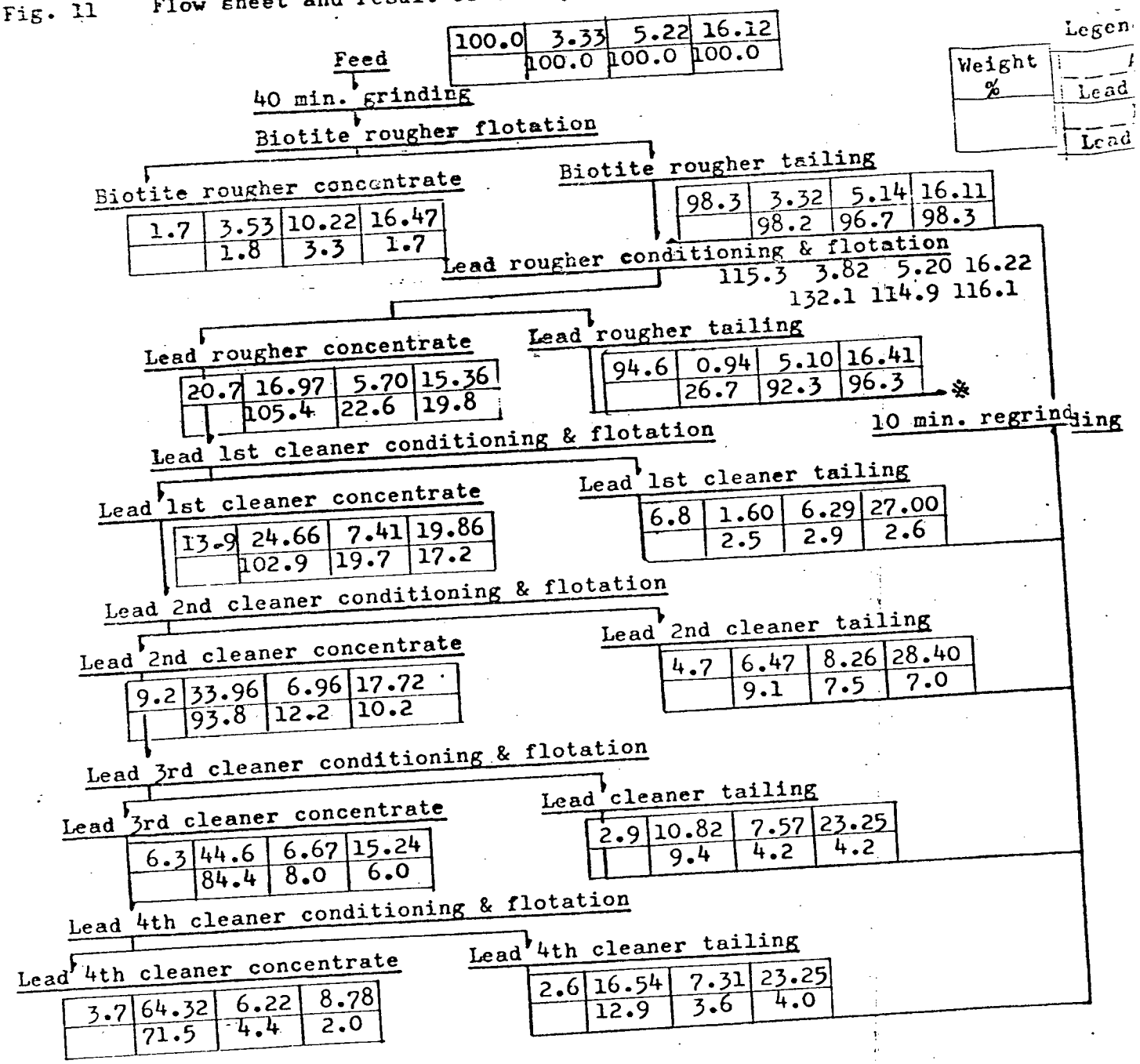
SEC	HOLE	MegTp	(Ox)	MicTp	(Pb Zn)	Ga/Sp	Ga Sp/Py	Ga Sp/Gm	Po Mc Py	MISC.
14798	U-176-162	P	(-)	P	(m)	4	3	4 P	15 Py 1 Po	
99	U-178-2	P	(-)	MQ	(m)	3	3	3 P	0	
800	-5	P	(-)	P	((m)	3	3	4 P	0	
01	-23	P-Sb	(-)	P	(m)	2	2	3 P	0	
02	-38	P	(-)	P	(m)	3	3	3 P	0	1o Pb
03	-67	P-Sb	(-)	P	((m)	4	2	3 P	1o Py	ex. cpin sp

Fig. 10 F. eet and result of the lead flotation used sodium sulfide and sulfurous acid



Conditioning & flotation	Reagent consumption (gram/ton)
Biotite rougher flotation	Natural pH 7.3, Dow#250 25.
Lead rougher conditioning	Lime 1400, pH 10.8.
Lead rougher flotation	Amyl xanthate 80, Dow#250 10, 15 min. flotation time.
Lead 1st cleaner conditioning & flotation	10 min.-regrinding, Lime 200, pH 10.5, Amyl xanthate 5, Dow#250 10, 10 min. flotation time.
Lead 2nd cleaner conditioning & flotation	Lime 100, pH 10.5, 10 min. flotation time.
Pyriye rougher conditioning & flotation	Sodium sulfide 200, Sulfurous acid 500, Pulp temperature 70°C, Dow#250 5, 10 min. flotation time.

Fig. 11 Flow sheet and result of the cycle test



Conditioning & flotation	Reagent consumption (gram/ton)
Biotite rougher flotation	Natural pH 7.8, Dow#250 20.
Lead rougher conditioning & flotation	Lime 1400, pH 10.8, Amyl xanthate 80, Dow#250 10, 15min. flotation time.
Lead 1st cleaner conditioning & flotation	Sodium cyanide 300, 10min. regrinding, Amyl xanthate 15, 10min. flotation time.
Lead 2nd cleaner conditioning & flotation	Sodium cyanide 150, 7min. flotation tim
Lead 3rd cleaner conditioning & flotation	Sodium cyanide 100, Dow#250 3, 7min.- flotation.
Lead 4th cleaner conditioning & flotation	Sodium cyanide 50, 8min. flotation time

11-A

Legend

Assay %		
Lead	Zinc	Iron
Distribution %		
Lead	Zinc	Iron

※

94.6	0.94	5.10	16.41
	26.7	92.3	95.3

Lead rougher tailing

Zinc rougher conditioning & flotation

103.7	1.12	5.37	17.58
	35.0	106.6	113.1

Zinc rougher concentrate

40.7	2.23	12.73	28.70
	27.4	99.1	72.5

Zinc rougher tailing

63.0	0.40	0.62	10.40
	7.6	7.5	40.6

Zinc 1st cleaner conditioning & flotation

Zinc 1st cleaner concentrate

17.1	3.23	27.60	21.17
	16.7	90.3	22.5

Zinc 1st cleaner tailing

23.6	1.51	1.96	34.16
	10.7	8.8	50.0

Zinc 2nd cleaner conditioning & flotation

Zinc 2nd cleaner concentrate

11.6	3.77	37.93	16.47
	13.2	84.2	11.9

Zinc 2nd cleaner tailing

5.5	2.11	5.74	31.04
	3.5	6.1	10.6

Zinc 3rd cleaner conditioning & flotation

Zinc 3rd cleaner concentrate

9.5	3.62	44.00	13.89
	10.4	80.0	8.2

Zinc 3rd cleaner tailing

2.1	4.41	10.44	28.10
	2.8	4.2	3.7

Zinc 4th cleaner conditioning & flotation

Zinc 4th cleaner concentrate

8.0	3.49	49.68	11.38
	8.4	76.0	5.7

Zinc 4th cleaner tailing

1.5	4.31	13.83	27.49
	2.0	4.0	2.5

Conditioning & flotation	Reagent consumption (gram/ton)
Zinc rougher conditioning & flotation	Copper sulphate 1500, Lime 2000, pH 11, Amyl xanthate 100, Dow#250 25, 10 min.-flotation time.
Zinc 1st cleaner conditioning & flotation	15 min. regrinding, Lime 1000, pH 11.8 10 min. flotation time.
Zinc 2nd cleaner conditioning & flotation	Lime 200, pH 11.8, 8 min. flotation time.
Zinc 3rd cleaner conditioning & flotation	Lime 100, pH 11.7, 8 min. flotation time.
Zinc 4th cleaner conditioning & flotation	Lime 100, pH 11.8, 8 min. flotation time.

Table 1. Result of complete analysis of the Grum Ore

Au	0.4 gram/ton
Ag	55 gram/ton
Hg	42.5 gram/ton
Cu	0.08%
Pb	3.21%
Zn	5.22%
Fe	16.82%
S	20.16%
$BaSO_4$	tr.
SiO_2	49.48%
Na_2O	0.03%
K_2O	0.15%
CaO	0.42%
MgO	0.15%
Al_2O_3	2.28%
Cd	0.008%

Table 2 Chemical form analysis of zinc minerals remained in final tailing

Product	Form	Zinc assay %					
		$ZnSO_4$	ZnO	$ZnSiO_3$	ZnS	$ZnFe_2O_4$	Total Zn
Zinc rougher tailing & zinc 1st cleaner tailing		0.01	0.20	0.10	0.79	0.10	1.20

Ratios of zinc minerals were meassured with methode of chemical form analysis.

Table 3. Results of the analyses of the lead concentrates and the zinc concentrates

	Lead Concentrates	Zinc Concentrates
Au	3.6 gram/ton	tr.
Ag	908 gram/ton	60 gram/ton
Hg	53.7 gram/ton	486 gram/ton
Cu	0.21%	0.10%
Pb	66.16%	1.86%
Zn	7.05%	49.85%
Fe	3.82%	9.00%
S	16.97%	32.39%
Cd		0.07%
SiO_2	5.66%	5.28%
$BaSO_4$	tr.	tr.
Al_2O_3	0.69%	0.52%
As	0.29%	0.06%
Sb	0.35%	0.02%
Bi	0.005%	0.007%
Sn		0.009%
Ni		0.002%

Table 4 Size distribution of flotation feed, lead concentrate, zinc concentrate, and final tailing

Size Fraction	Flotation feed Weight %	Assay % Pb	Zn	Fe	Distribution % Pb	Zn	Fe
Mesh							
+150	1.1	0.40	5.48	39.53	0.1	1.0	2.6
150-200	1.3	0.80	2.61	14.46	0.2	0.5	1.1
200-270	2.7	1.01	1.83	10.51	0.7	0.8	1.7
270-325	5.5	0.90	2.61	10.41	1.2	2.4	3.4
325-400	5.5	1.31	3.13	14.86	1.7	2.9	4.9
Micron							
+35.5	2.0	7.22	4.69	32.15	3.5	1.5	3.9
35.5-26.6	7.3	6.11	6.00	37.10	10.8	7.4	16.3
26.6-18.6	17.6	3.51	6.00	19.31	15.0	17.9	20.5
18.6-12.1	15.6	3.21	5.74	13.14	12.1	15.2	12.3
12.1- 8.9	9.5	3.51	6.79	13.04	8.1	11.0	7.5
8.9-	31.9	6.04	7.30	13.44	46.6	39.3	25.8
Total	100.0	4.13	5.92	16.62	100.0	100.0	100.0

Size Fraction	Lead concentrate Weight %	Assay % Pb	Zn	Fe	Distribution % Pb	Zn	Fe
Micron							
+19.3	3.2	57.35	8.35	8.79	2.8	5.3	5.6
19.3-13.5	11.4	62.13	7.05	6.67	10.8	15.8	15.3
13.5- 8.8	19.8	67.67	5.74	5.36	20.5	22.5	21.3
8.8- 6.4	18.6	69.18	5.74	4.95	19.7	21.2	18.5
6.4-	47.0	64.14	5.06	4.97	46.2	35.2	39.3
Total	100.0	65.34	5.06	4.97	100.0	100.0	100.0

Size Fraction	Zinc concentrate Weight %	Assay % Pb	Zn	Fe	Distribution % Pb	Zn	Fe
Micron							
+27.8	0.9	2.51	40.72	16.58	0.6	0.7	1.6
27.8-20.9	5.0	1.51	46.19	13.85	2.4	4.5	7.6
20.9-14.5	17.5	1.51	48.55	11.52	7.9	16.6	22.1
14.5- 9.5	19.6	3.52	51.16	9.70	21.0	19.6	20.8
9.5- 7.0	17.2	3.62	53.24	8.59	18.9	17.8	16.2
7.0-	39.8	4.06	52.59	7.28	49.2	40.8	31.7
Total	100.0	3.29	51.30	9.14	100.0	100.0	100.0

Size Fraction	Final tailing Weight %	Assay % Pb	Zn	Fe	Distribution % Pb	Zn	Fe
Mesh							
+200	0.4	0.40	1.83	47.16	0.3	0.7	1.4
200-270	0.3	1.01	1.30	28.00	0.5	0.4	0.6
270-400	3.0	0.40	0.26	8.59	2.1	0.8	1.9
Micron							
+27.8	0.9	0.90	0.26	44.79	1.4	0.2	2.9
27.8-20.8	4.0	0.60	0.26	41.25	4.2	1.0	12.1
20.8-14.5	19.8	0.20	0.26	15.77	7.0	5.0	22.8
14.5- 9.5	23.1	0.30	0.26	10.21	12.1	5.9	17.3
9.5- 6.9	6.9	0.20	0.26	8.89	6.0	4.4	11.0