

WISEMAN A-5, GEOLOGIC COMPILATION
Dillon HAMILTON HENNING

Bettles A Proj.
MM C-13 Eve
99 (K)

WISEMAN B 4 STATION MAP

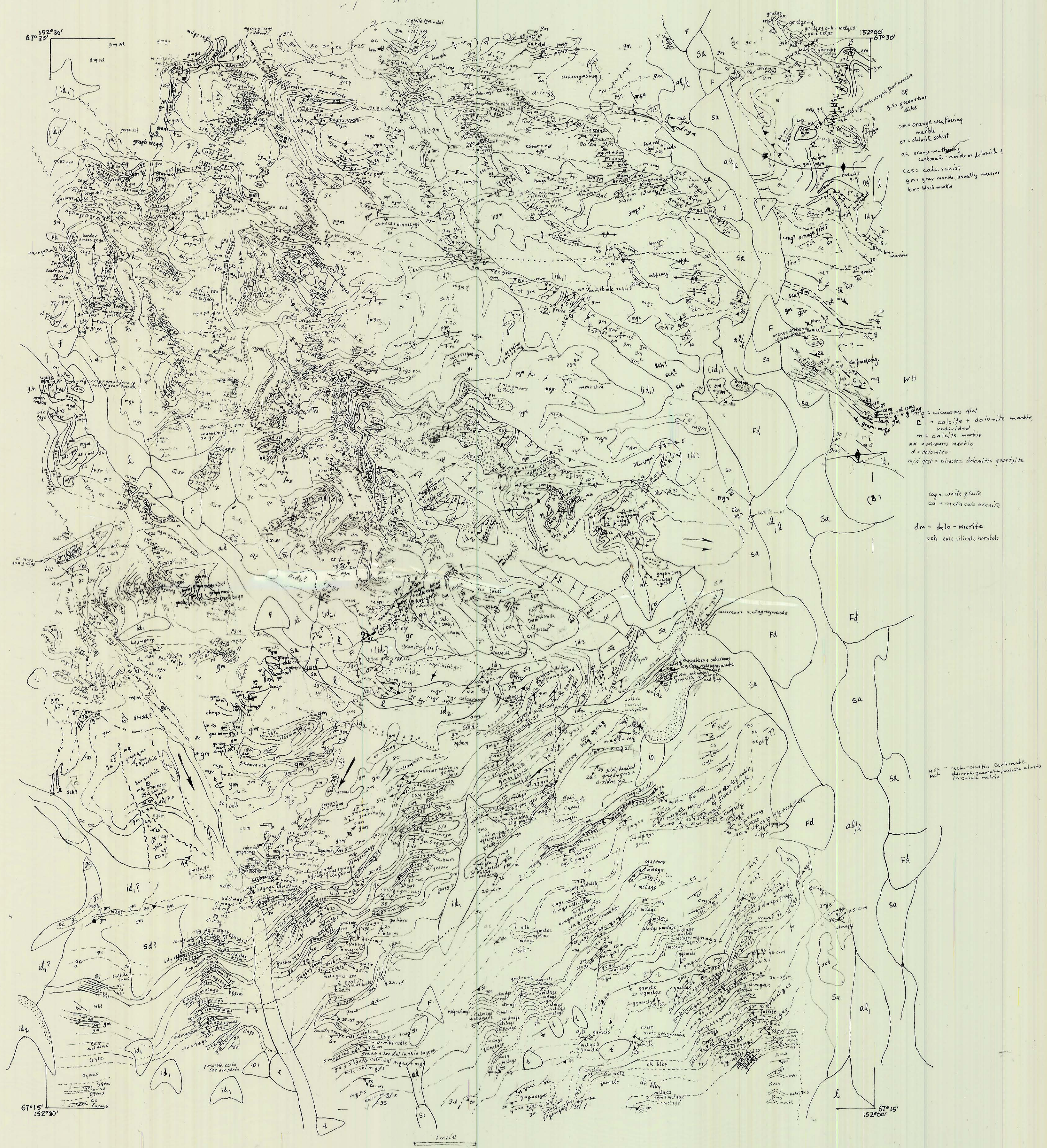


6 Cords in bulk
left hand corner of
cable under insulation

SUMMARY of ALL STATIONS

- 81 DA 1-8
- 81 AD 4-20
- 80 AD 61-63
- 78 WS 63-68
- 78 KC 5-9, 58-75
- 78 CP 1, 2, 4, 6, 7, 9, 17, 19-30
- 77 WH 1-3, 12-27, 37-44
- 77 KI 7, 8, 10-22, 24-29, 51-64, 69, 70, 71
- 77 LC 106-110, 114, 119
- 77 HJ 1-15, 43-80, 85-90, 94-105, 107-120
- 77 FC 15-34, 38-43, 47-55
- 77 PC 2
- 80 DA 97
- 79 DA 122, 198, 214, 219, 220
- 168, 173, 175
- 78 DA 44-47, 51-53, 56, 102-113, 115-123
- 77 DA 1, 17-26, 30-39, 77-90, 169, 170, 177

1/1 Day H



om = orange weathering
marble
cs = calcite schist
or = orange weathering
carbonate - marble or dolomite?
cs = calcite schist
gm = gray marble, usually massive
bm = black marble

W/H
m = micaceous quartz
c = calcite + dolomite marble
m = calcite marble
mm = micaceous marble
d = dolomite
m/d qtz = micaceous dolomitic quartzite

log = white granite
ca = meta calc arenite

dm = dolomite
sch = calcite schist

rec = calcite + dolomite
dolomite, quartzite, calcite + dolomite
in calcite matrix

WISCONSIN B-5 Geologic Compilation
Pessel, Dillon, Moerman, Hamilton, Riehl,
Jennings

Wine?

152°30'
67°45'

78 Dn 32

152°00'
67°45'

77 Dn 53
77 Tax 10
77 Mv f-11?
H_g 81-83, 148-152, 230-236
77 R₂ 31-37
77 W_H 4-5
77 W_S 71-74

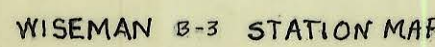
78' Qp 38-41, 50-51
78 Dn 86, 78
78 Pe 66-77, 80-92, 94-102,
133-140, 142-143
79 Dn 221-226, 248-253
80 Ar 76
80 Dn 125-137, 140-143
81 Dn 12



oriented sample

WISEMAN (C-5)
Station map

TWO DAYS
PERSONAL
AIRPLANE
1 DAY HELICOPTER



TWO DAYS PERSONNEL
PLANE TRAVERSE SHOWN ON
STATION MAP
2 DAY HELICOPTER



? Dbc
Bedding
preserved in
meta. rock
2nd foliation
(used only where
an older one is
also visible)

ch = cherty green marble
gm = gray marble
wm = white marble
m = marble
C = calcareous schist
gs = greenish
gms = gneiss
p = phyllite
mq = micaceous schist
cg = metagrey

NEED TO
COMPILE 1982
TRAVERSES
IN THIS AREA

B-11 photo to foliations
use symbols for
diff. lithologies.
B-11, lime green unit in
syncline, so separate.

WISEMAN 8-3 Geologic Compilation
Pessel, Dillon, Hamilton, Riddle,
Henning



Geophysics
 O oriented sample
 X bulk sample

- 77 DN 5-8, 10-11, 60-73, 111-121, 124-133, 137
- 77 MNA 2-15
- 77 PE 5-9
- 77 Hg 155-161
- 77 Ri 48-50
- 77 SWH 22, 33A-6, 43
- WH 77 6-11, 53-54, 45-46
- 78 DN 162
- 79 DN 118-121
- 79 LL 12-16
- 80 DN 22-28
- 81 AD 171-173, 178-184, 229-236, 239-242, 247-250, 252-261, 120-122, 129-131, 191, 199, 201-205, 231-233, Also 179-182
- 81 DN 66-71
- 81 EG 3-5

MC 23-66

Wiseman A-6
 Station Map

NEED TWO ORIENTED IN ANGAYUCHAMS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WISEMAN (A-2) QUADRANGLE
ALASKA



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs
taken 1970, field annotated 1970. Map not field checked
Universal Transverse Mercator projection. 1927 North American datum
10,000-foot grid based on Alaska coordinate system, zone 4
1000-meter Universal Transverse Mercator grid ticks,
zone 5, shown in blue
Land lines represent unsurveyed and unmarked locations
predetermined by the Bureau of Land Management
Folio F-3, Fairbanks Meridian
Swamps, as portrayed, indicate only the wetter areas,
usually of low relief, as interpreted from aerial photographs



SCALE 1:63,360
CONTOUR INTERVAL 50 FEET
DOTTED LINES REPRESENT 25-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20542
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

WISEMAN (A-2), ALASKA
N6700-W15030/15X30
1970

A-2

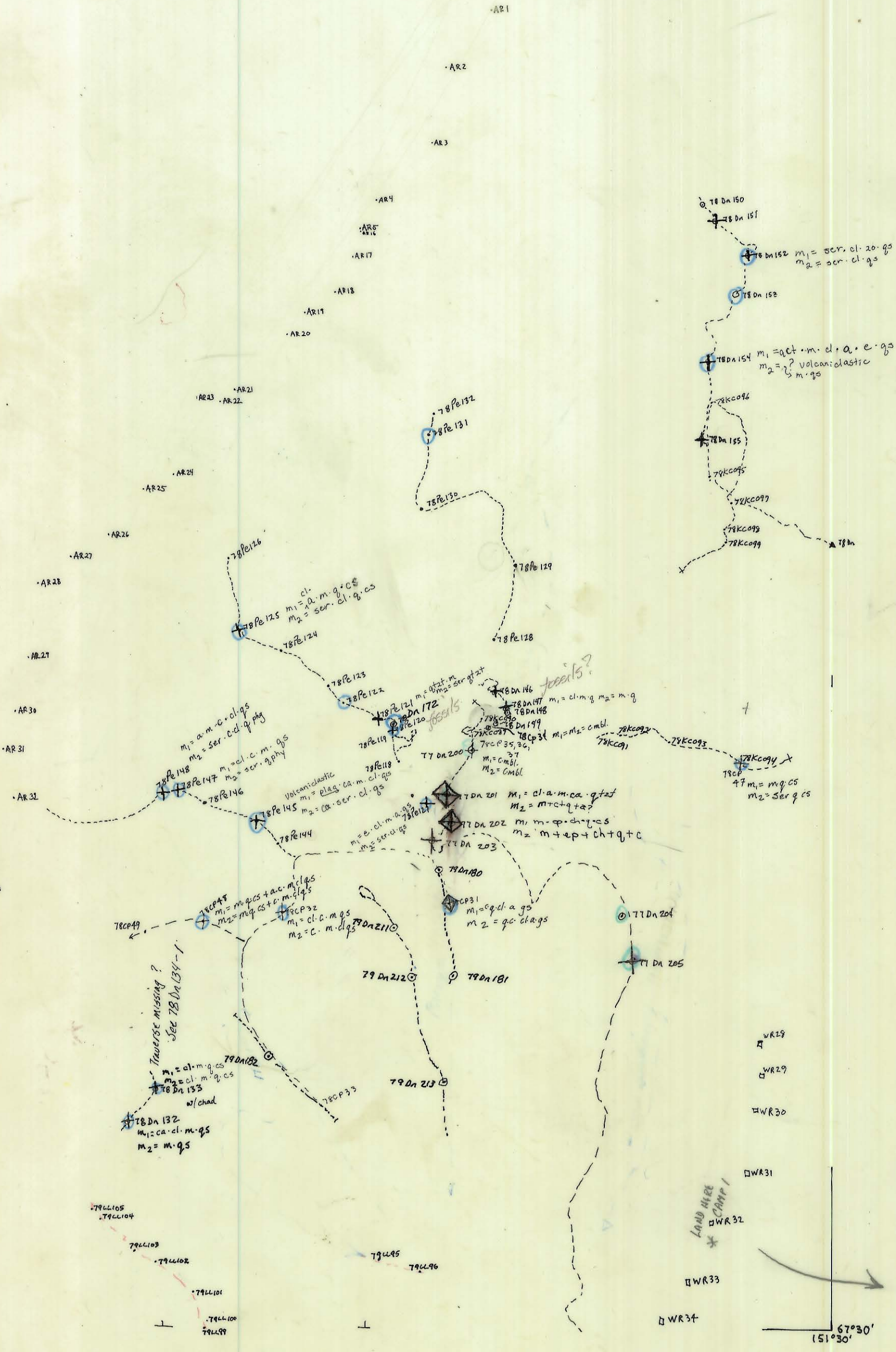
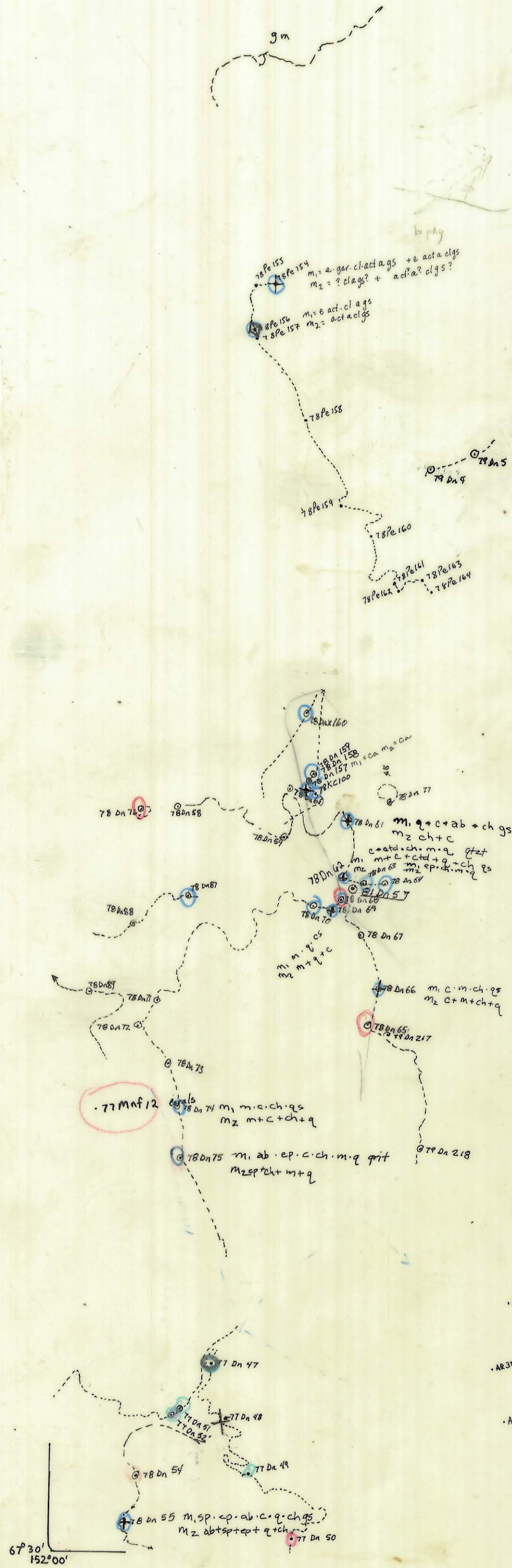




WISEMAN C-4 GEOLOGIC COMPILATION

HAMILTON DILON

Some info compiled from Brosge & Reiser 1970
and Chip 1972



77 MNF 12
77 DN 47-52, 200-205
78 CP 31-37, 47-49
78 DN 54-55, 58-77, 87-89, 132-133,
140-149, 150-155, 157-160, 172
78 KCO 89-99
78 PE 118-132, 144-148, 155-164
79 DN 4-5, 180-182, 211-213, 217-218
79 LH 95-96, 99-105
81 DN 57

AR 21-41
WR 28-34

Geophysics
o oriented samples

WISEMAN C-4 STATION MAP

[illegible]

landslide

$chs = \overset{\text{quartz}}{\text{chlorite muscovite schist}}$
 $ms = \text{micaceous quartz schist}$
 $mas = \text{mica albite quartz schist}$
 $cs = \text{calcareous schist or calc silicate schist}$
 $d = \text{dolomite}$
 $dg = \text{dolomitic sediments}$
 $mgas = \text{micaceous gte albite schist}$
 $gas = \text{gte albite schist}$
 $chg = \text{chlorite green schist}$

cm's = clorite muscovite ^{QUARTZ} schist

ms = micaceous quartz schist
mas = mica albite quartz schist

CS = calcareous schist or calc

1. Volcanic sediments

$m_{893} = m_{1000}$

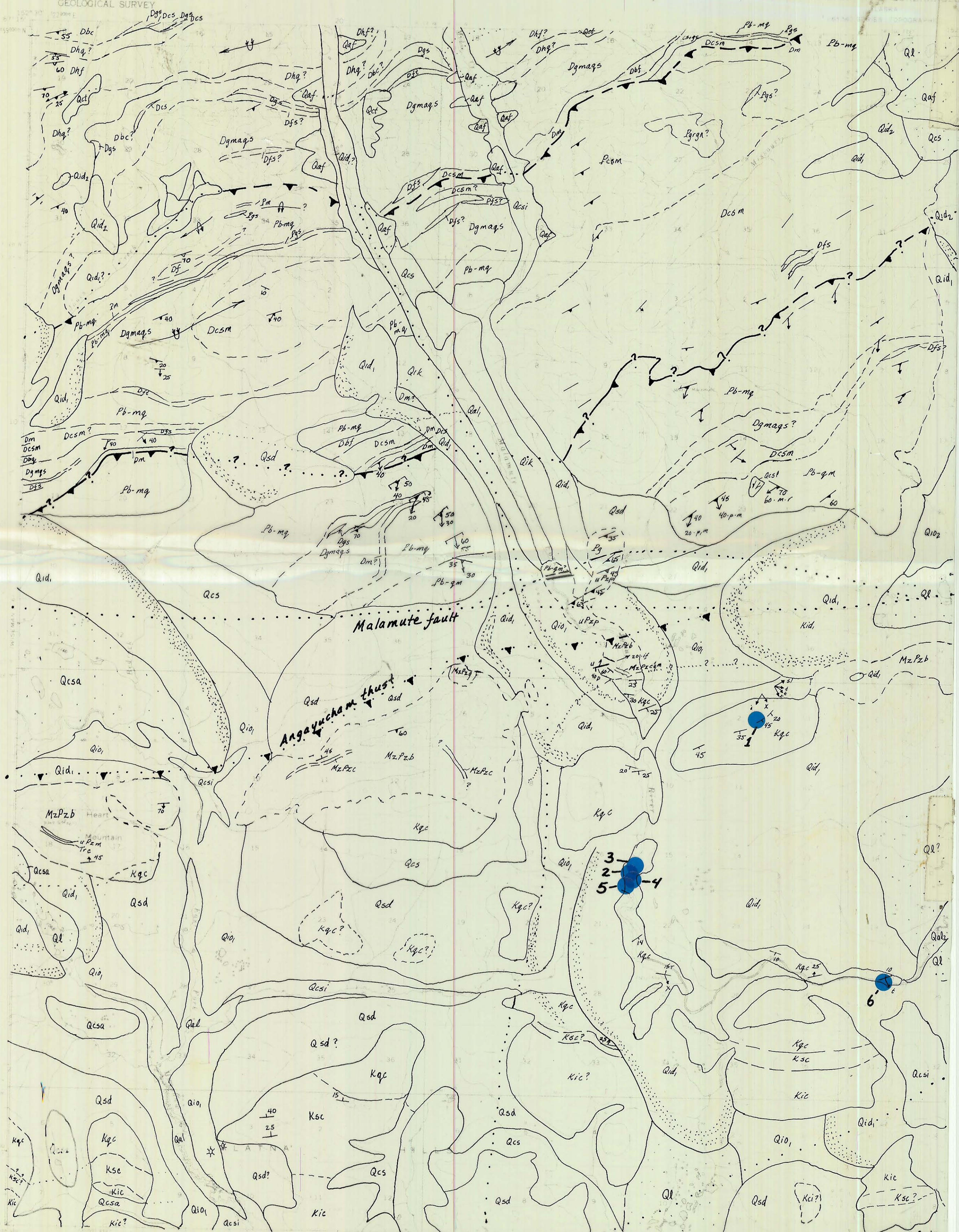
gas = ytz albite schist

chlgs = chlorite green schist



ADVANCE PROOF
SUBJECT TO CORRECTION
SCALE 1:63,360
F

WISMAN QUADRANGLE



FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

151°30'
67°45'

151°00'
67°45'

78 Dn 175
78 Dn 176
78 Dn 177
78 Dn 178
78 Dn 179
78 Dn 180
78 Dn 181
78 Dn 182
78 Dn 183
78 Dn 184
78 Dn 185
78 Dn 186
78 Dn 187
78 Dn 188
78 Dn 189
78 Dn 190
78 Dn 191
78 Dn 192
78 Dn 193
78 Dn 194
78 Dn 195
78 Dn 196
78 Dn 197
78 Dn 198
78 Dn 199
78 Dn 200

78 Dn 171
78 Dn 172
78 Dn 173
78 Dn 174
78 Dn 175
78 Dn 176
78 Dn 177
78 Dn 178
78 Dn 179
78 Dn 180
78 Dn 181
78 Dn 182
78 Dn 183
78 Dn 184
78 Dn 185
78 Dn 186
78 Dn 187
78 Dn 188
78 Dn 189
78 Dn 190
78 Dn 191
78 Dn 192
78 Dn 193
78 Dn 194
78 Dn 195
78 Dn 196
78 Dn 197
78 Dn 198
78 Dn 199
78 Dn 200

78 Dn 114
78 Dn 115
78 Dn 116
78 Dn 117
78 Dn 118
78 Dn 119
78 Dn 120
78 Dn 121
78 Dn 122
78 Dn 123
78 Dn 124
78 Dn 125
78 Dn 126
78 Dn 127
78 Dn 128
78 Dn 129
78 Dn 130
78 Dn 131
78 Dn 132
78 Dn 133
78 Dn 134
78 Dn 135
78 Dn 136
78 Dn 137
78 Dn 138
78 Dn 139
78 Dn 140
78 Dn 141
78 Dn 142
78 Dn 143
78 Dn 144
78 Dn 145
78 Dn 146
78 Dn 147
78 Dn 148
78 Dn 149
78 Dn 150
78 Dn 151
78 Dn 152
78 Dn 153
78 Dn 154
78 Dn 155
78 Dn 156
78 Dn 157
78 Dn 158
78 Dn 159
78 Dn 160
78 Dn 161
78 Dn 162
78 Dn 163
78 Dn 164
78 Dn 165
78 Dn 166
78 Dn 167
78 Dn 168
78 Dn 169
78 Dn 170
78 Dn 171
78 Dn 172
78 Dn 173
78 Dn 174
78 Dn 175
78 Dn 176
78 Dn 177
78 Dn 178
78 Dn 179
78 Dn 180
78 Dn 181
78 Dn 182
78 Dn 183
78 Dn 184
78 Dn 185
78 Dn 186
78 Dn 187
78 Dn 188
78 Dn 189
78 Dn 190
78 Dn 191
78 Dn 192
78 Dn 193
78 Dn 194
78 Dn 195
78 Dn 196
78 Dn 197
78 Dn 198
78 Dn 199
78 Dn 200

78 Dn 6

78 Dn 114
78 Dn 115
78 Dn 116
78 Dn 117
78 Dn 118
78 Dn 119
78 Dn 120
78 Dn 121
78 Dn 122
78 Dn 123
78 Dn 124
78 Dn 125
78 Dn 126
78 Dn 127
78 Dn 128
78 Dn 129
78 Dn 130
78 Dn 131
78 Dn 132
78 Dn 133
78 Dn 134
78 Dn 135
78 Dn 136
78 Dn 137
78 Dn 138
78 Dn 139
78 Dn 140
78 Dn 141
78 Dn 142
78 Dn 143
78 Dn 144
78 Dn 145
78 Dn 146
78 Dn 147
78 Dn 148
78 Dn 149
78 Dn 150
78 Dn 151
78 Dn 152
78 Dn 153
78 Dn 154
78 Dn 155
78 Dn 156
78 Dn 157
78 Dn 158
78 Dn 159
78 Dn 160
78 Dn 161
78 Dn 162
78 Dn 163
78 Dn 164
78 Dn 165
78 Dn 166
78 Dn 167
78 Dn 168
78 Dn 169
78 Dn 170
78 Dn 171
78 Dn 172
78 Dn 173
78 Dn 174
78 Dn 175
78 Dn 176
78 Dn 177
78 Dn 178
78 Dn 179
78 Dn 180
78 Dn 181
78 Dn 182
78 Dn 183
78 Dn 184
78 Dn 185
78 Dn 186
78 Dn 187
78 Dn 188
78 Dn 189
78 Dn 190
78 Dn 191
78 Dn 192
78 Dn 193
78 Dn 194
78 Dn 195
78 Dn 196
78 Dn 197
78 Dn 198
78 Dn 199
78 Dn 200

77 Dn 206
78 Dn 90-92, 94-101, 124, 144, 156
79 Dn 6, 10-12, 171-178
78 Pe 114-117
78 CP 41-44
79 LL 2
82 TM 53

67°30'
151°30'

67°30'
151°00'

WISEMAN (C-3), ALASKA
STATION MAP

ADVANCE PROOF
SUBJECT TO CORRECTION
SCALE 1:63,360
F

1:63 360 SERIES (TOPOGRAPHIC)



usually of low relief as interpreted from aerial photographs

DECEMBER 1976

1 2 3 4 NR 5

5000' 5000 12000 15000 18000 21000 FEET

[illegible]

CONTOUR INTERVAL 100 FEET
DOTTED LINES REPRESENT 50 FOOT CONTOURS

DATUM IS MEAN SEA LEVEL

FOR SALE BY U. S. GEOLOGICAL SURVEY

FOR SALE BY U. S. GEOLOGICAL SURVEY
701, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242

TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

No roads or trails in this area

WISEMAN (4-5) ALASKA

N6700-W15200/15X30

1970

Bettles A Proj.
MM C-13 Eve
PQ (K)

0act

-20

CTD

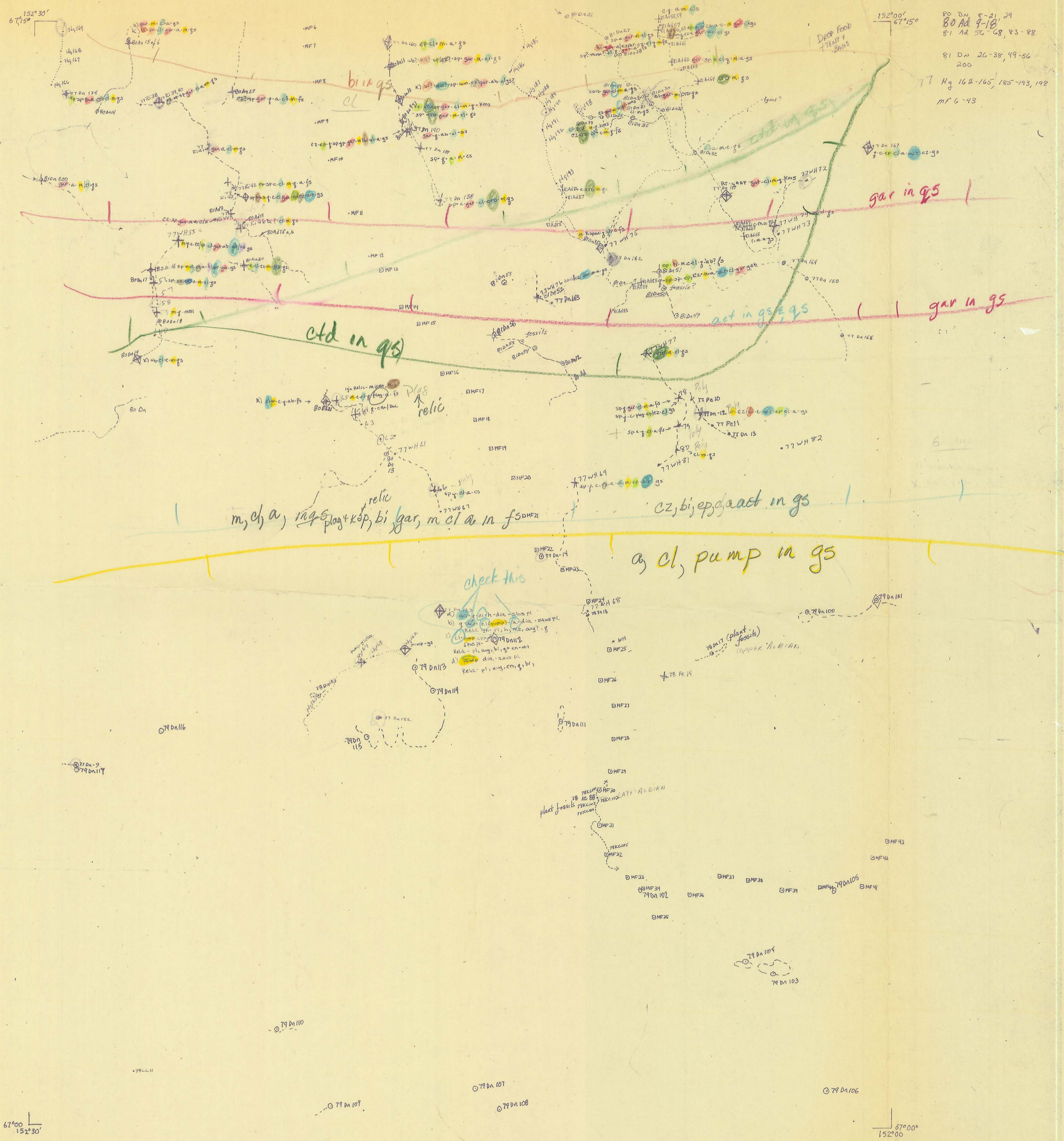
hb

sep - bi - m - ga

bigar, ep, act, cl, cz mgs

123
77 DN 9-12-14, 17-18, 122, 134
138-140, 160-167
77 RI 38-46
77 SWH 42
77 WH 55-69, 72-82
78 DN 17-18, 88, 163
78 Kc 101-105
78 Pe 10-11, 14
79 DN 100-117
79 L 11

80 DN 8-21, 29
80 Ad 9-18
81 Ad 56-68, 83-88
81 DN 26-38, 49-56
200
77 Hg 162-165, 185-193, 198
MF 6-43



WISEMAN A-5 STATION MAP

NEEDS ORIENTED SAMPLES, SCHIST BELT + ANGAYUCHAMS