

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

018149

105-N-11

SAMPLER P. DEAN .....

PHOTO NUMBER A12339-456

DATE 1 July 1968 - 3 July .....

Office Use Only

Map .....

Date Plotted .....

Plotter .....

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay | Organic |              |         | Cu                 | Pb | Zn |
| PD68-172   | P             | -             |      | ✓    |      |         | 3 1/2        |         |                    |    |    |
| 173        | P             | -             |      | ✓    |      |         | 3 1/2        |         |                    |    |    |
| 174        | P             | -             |      | ✓    |      |         | 1 1/2        |         |                    |    |    |
| 175        | P             | -             |      | ✓    |      |         | 2            |         |                    |    |    |
| 176        | P             | -             |      | ✓    |      |         | 1 1/2        |         |                    |    |    |
| 177        | P             | -             |      | ✓    |      |         | 1            |         |                    |    |    |
| 178        | P             | -             |      | ✓    |      |         | 2 1/2        |         |                    |    |    |
| 179        | P             | -             |      | ✓    |      |         | 1 1/2        |         |                    |    |    |
| 180        | P             | -             |      | ✓    |      |         | 1            |         |                    |    |    |
| 181        | -             | -             |      | ✓    |      |         | 1            |         |                    |    |    |
| 182        | P             | -             |      | ✓    |      |         | 1            |         |                    |    |    |
| 183        | -             | -             |      | ✓    |      |         | 1 1/2        |         |                    |    |    |
| 184        | P             | -             |      | ✓    |      |         | 4            |         |                    |    |    |
| 185        | P             | -             |      | ✓    |      |         | 3            |         |                    |    |    |
| 186        | P             | -             |      | ✓    |      |         | 1 1/2        |         |                    |    |    |
| 187        | P             | -             |      | ✓    |      |         | 6            |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER..... P. DEAN.....

PHOTO NUMBER..... ✓.....

DATE..... 3 July 1968.....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz<br>P or A | Gossan<br>or Min | Soil |      | Silt |         | Stream<br>Width | Remarks | Analytical<br>Results |    |    |
|------------|------------------|------------------|------|------|------|---------|-----------------|---------|-----------------------|----|----|
|            |                  |                  | Sand | Silt | Clay | Organic |                 |         | Cu                    | Pb | Zn |
| PD 68-188  | P                | —                |      | ✓    |      |         | 1               |         |                       |    |    |
| 189        | P                | —                |      |      |      |         | 2               |         |                       |    |    |
| 190        | P                | —                |      |      |      |         | 1 1/2           |         |                       |    |    |
| 191        | P                | —                |      |      |      |         | 7               |         |                       |    |    |
| 192        | P                | —                |      |      |      |         | 2               |         |                       |    |    |
| 193        | P                | —                |      |      |      |         | 1 1/2           |         |                       |    |    |
| 194        | P                | —                |      |      |      |         | 7               |         |                       |    |    |
| 195        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 196        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 197        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 198        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 199        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 200        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 201        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 202        | P                | —                |      |      |      |         | 8               |         |                       |    |    |
| 203        | P                | —                |      |      |      |         | 1 1/2           |         |                       |    |    |





ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER M.A.C.K. LADUE.....

PHOTO NUMBER A.12339-309

DATE 31 JUNE 1968..

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No.  | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks | Analytical Results |    |    |
|-------------|---------------|---------------|------|------|------|---------|--------------|---------|--------------------|----|----|
|             |               |               | Sand | Silt | Clay | Organic |              |         | Cu                 | Pb | Zn |
| 41-68-230 P |               |               |      | ✓    |      |         | 5            |         |                    |    |    |
| 41-68-231 P |               |               | ✓    |      |      |         | 6            |         |                    |    |    |
| 41-68-232 P |               |               | ✓    |      |      |         | 6            |         |                    |    |    |
| 41-68-233 P |               |               | ✓    |      |      |         | 6            |         |                    |    |    |
| 41-68-234 P |               |               | ✓    |      |      |         | 5            |         |                    |    |    |
| 41-68-235 P |               |               | ✓    |      |      |         | 2            |         |                    |    |    |
| 41-68-236 P |               |               |      | ✓    |      |         | 2            |         |                    |    |    |
| 41-68-237 P |               |               | ✓    |      |      |         | 6            |         |                    |    |    |
| 41-68-238 P |               |               | ✓    |      |      |         | 6            |         |                    |    |    |
| 41-68-239 P |               |               | ✓    |      |      |         | 5            |         |                    |    |    |
| 41-68-240 P |               |               | ✓    |      |      |         | 5            |         |                    |    |    |
| 41-68-241 P |               |               | ✓    |      |      |         | 5            |         |                    |    |    |
| 41-68-242 P |               |               | ✓    |      |      |         | 4            |         |                    |    |    |
| 41-68-243 P |               |               | ✓    |      |      |         | 3            |         |                    |    |    |
| 41-68-244 P |               |               | ✓    |      |      |         | 2            |         |                    |    |    |
| 41-68-245 P |               |               | ✓    |      |      |         | 2            |         |                    |    |    |





ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

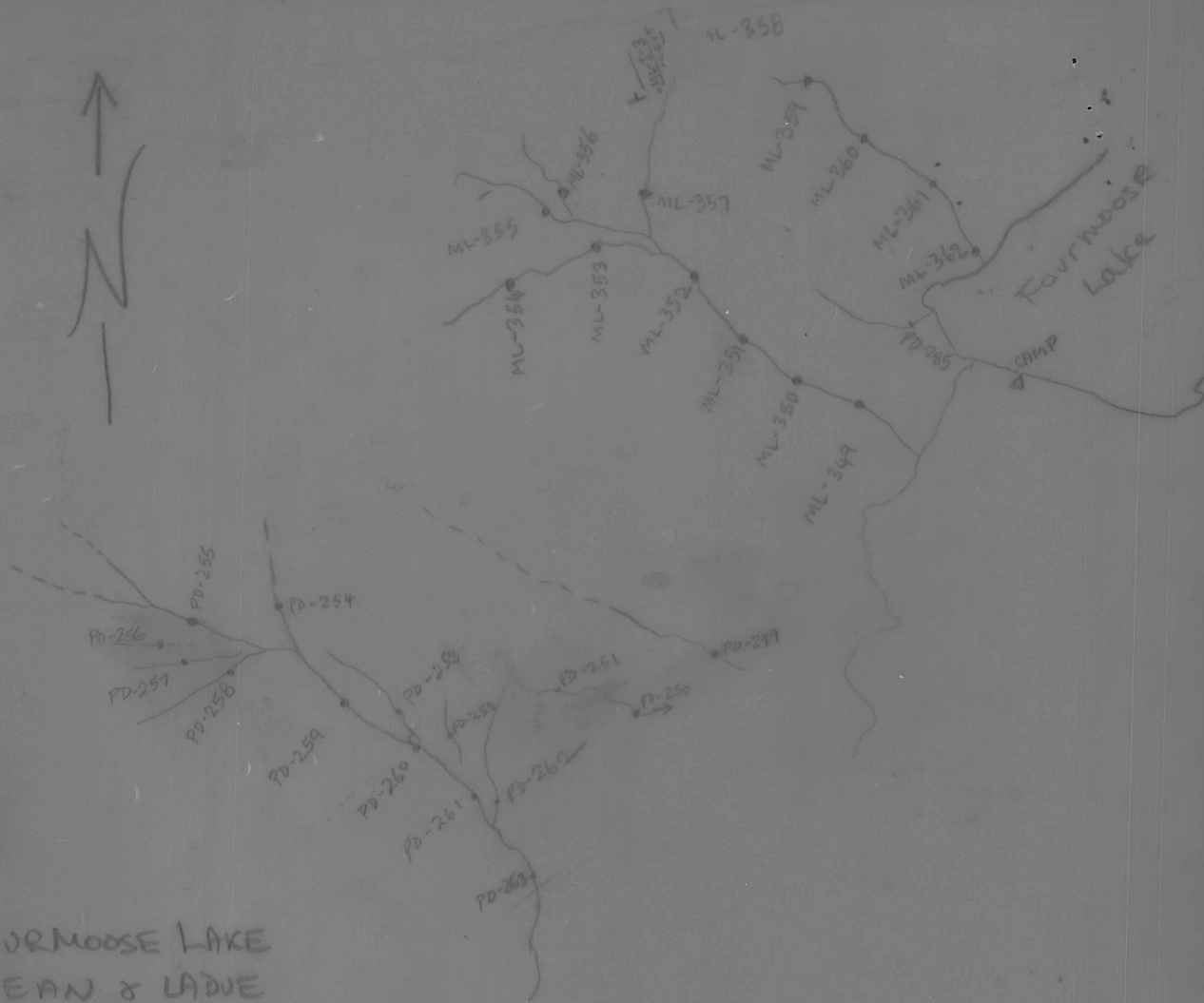
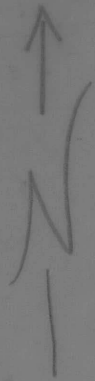
SAMPLER..... P. Dean .....

PHOTO NUMBER..... P. 12389-456 .....

DATE..... 1 July 1968 .....

| <u>Office Use Only</u> |  |  |
|------------------------|--|--|
| Map.....               |  |  |
| Date Plotted.....      |  |  |
| Plotter.....           |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks     | Analytical Results |    |    |
|------------|---------------|---------------|------|------|------|---------|--------------|-------------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay | Organic |              |             | Cu                 | Pb | Zn |
| PD68-156   | —             | ✓             |      | ✓    |      |         | 2½           |             |                    |    |    |
| 157        | —             | ✓             |      | ✓    |      |         | 1½           | SOIL SAMPLE |                    |    |    |
| 158        | —             |               |      | ✓    |      |         | 1            |             |                    |    |    |
| 159        | P             | —             |      | ✓    |      |         | 2½           |             |                    |    |    |
| 160        | P             |               |      | ✓    |      |         | 3 FT         |             |                    |    |    |
| 161        | P             |               |      | ✓    |      |         | 3            |             |                    |    |    |
| 162        | P             |               |      | ✓    |      |         | 3            |             |                    |    |    |
| 163        | P             |               |      | ✓    |      |         | 3            |             |                    |    |    |
| 164        |               |               |      | ✓    |      |         | 3            |             |                    |    |    |
| 165        |               |               |      | ✓    |      |         | 3            |             |                    |    |    |
| 166        |               |               | ✓    |      |      |         | 3½           |             |                    |    |    |
| 167        |               |               |      | ✓    |      |         | 3½           |             |                    |    |    |
| 168        |               |               |      | ✓    |      |         | 3½           |             |                    |    |    |
| 169        |               |               |      | ✓    |      |         | 3½           |             |                    |    |    |
| 170        |               |               |      | ✓    |      |         | 3½           |             |                    |    |    |
| 171        |               |               |      | ✓    |      |         | 3½           |             |                    |    |    |



FOURMOOSE LAKE  
DEAN & LADUE

PLOTED ON GEOCHEM. MAP  
JULY 23/68

Ⓟ

112295-14

11-25-105



ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... M. LADUE .....

PHOTO NUMBER. A. 12339-309

DATE... 2 July 1968 .....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

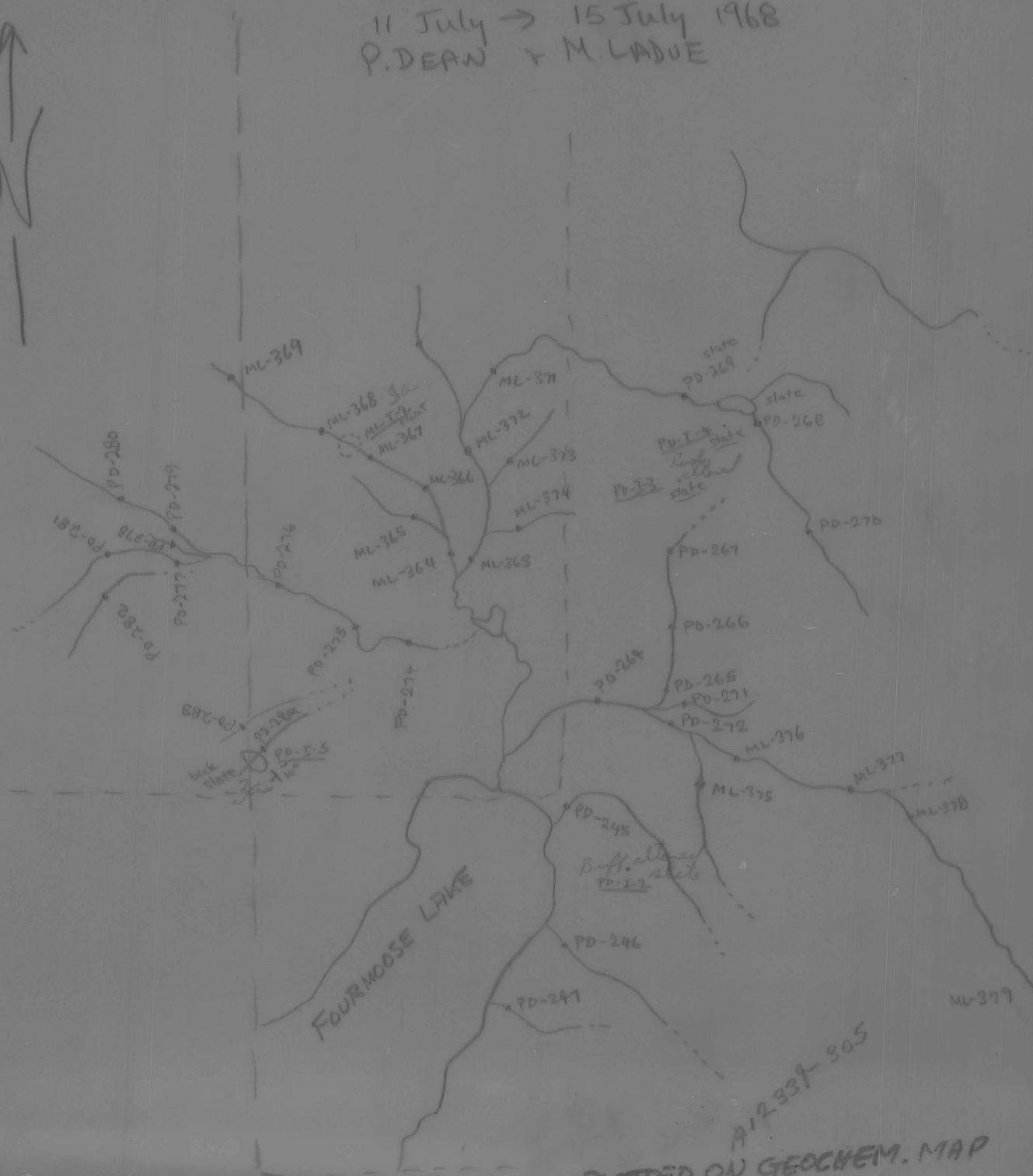
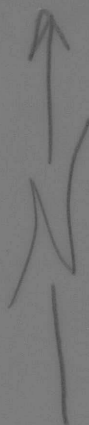
| Sample No.       | Quartz P or A | Gossan or Min | Soil     |          | Silt |         | Stream Width | Remarks | Analytical Results |    |    |
|------------------|---------------|---------------|----------|----------|------|---------|--------------|---------|--------------------|----|----|
|                  |               |               | Sand     | Silt     | Clay | Organic |              |         | Cu                 | Pb | Zn |
| <u>WL-68-254</u> | <u>—</u>      | <u>—</u>      |          | <u>✓</u> |      |         | <u>12 FT</u> |         |                    |    |    |
| <u>255</u>       |               |               |          |          |      |         | <u>1 FT</u>  |         |                    |    |    |
| <u>256</u>       |               |               |          | <u>✓</u> |      |         | <u>14</u>    |         |                    |    |    |
| <u>257</u>       |               |               |          | <u>✓</u> |      |         | <u>10</u>    |         |                    |    |    |
| <u>258</u>       |               |               | <u>✓</u> |          |      |         | <u>10</u>    |         |                    |    |    |
| <u>259</u>       |               |               | <u>✓</u> |          |      |         | <u>12</u>    |         |                    |    |    |
| <u>260</u>       |               |               | <u>✓</u> |          |      |         | <u>12</u>    |         |                    |    |    |
| <u>261</u>       |               |               |          | <u>✓</u> |      |         | <u>9</u>     |         |                    |    |    |
| <u>262</u>       |               |               | <u>✓</u> |          |      |         | <u>10</u>    |         |                    |    |    |
| <u>263</u>       |               |               |          | <u>✓</u> |      |         | <u>9</u>     |         |                    |    |    |
| <u>264</u>       |               |               |          | <u>✓</u> |      |         | <u>10</u>    |         |                    |    |    |
| <u>265</u>       |               |               | <u>✓</u> |          |      |         | <u>9</u>     |         |                    |    |    |
| <u>266</u>       |               |               |          | <u>✓</u> |      |         | <u>9</u>     |         |                    |    |    |
| <u>267</u>       |               |               |          | <u>✓</u> |      |         | <u>1</u>     |         |                    |    |    |
| <u>268</u>       |               |               | <u>✓</u> |          |      |         | <u>9</u>     |         |                    |    |    |
| <u>269</u>       |               |               | <u>✓</u> |          |      |         | <u>1</u>     |         |                    |    |    |



105-N-11

FOURMOOSE LAKE

11 July → 15 July 1968  
P. DEAN + M. LADUE



A12295-17

A

A12337-505

PLOTTED ON GEOCHEM. MAP  
JULY 23

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER P. DEAN.....

PHOTO NUMBER A12295-14.....

DATE 12-13 July.....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil  |      | Silt |         | Stream Width | Remarks  | Analytical Results |    |    |
|------------|---------------|---------------|-------|------|------|---------|--------------|--|--------------------|----|----|
|            |               |               | Sand  | Silt | Clay | Organic |              |  | Cu                 | Pb | Zn |
| PD68-244   | —             |               |       | ✓    |      |         | 1            | A12339-<br>A12339-<br>A12339-<br>" "<br>" "<br>A12295-14 |                    |    |    |
| 245        | ✓             |               |       | ✓    |      |         | 2            |  |                    |    |    |
| 246        | —             |               |       | ✓    |      |         | 2            |  | 105-N-1            |    |    |
| 247        | —             |               |       | ✓    |      |         | 2 1/2        |  |                    |    |    |
| 248        | —             |               |       | ✓    |      |         | 1 1/2        |  |                    |    |    |
| 249        | P             |               |       | ✓    |      |         | 2 1/2        |  |                    |    |    |
| 250        | P             |               |       | ✓    |      |         | 1 1/2        |  |                    |    |    |
| 251        | P             |               |       | ✓    |      |         | 1            |  |                    |    |    |
| 252        | P             |               |       | ✓    |      |         | 1 1/2        |  |                    |    |    |
| 253        | P             |               |       | ✓    |      |         | 1 1/2        |  |                    |    |    |
| 254        | P             |               |       | ✓    |      |         | 1 1/2        |  |                    |    |    |
| 255        | P             |               |       | ✓    |      |         | 2 1/2        |  |                    |    |    |
| 256        | —             | ✓             | ————— |      |      |         |              |  | SOIL               |    |    |
| 257        |               | ✓             |       | ✓    |      |         | 1            |  |                    |    |    |
| 258        |               | ✓             |       |      |      |         | 2            | A12295-17  |                    |    |    |
| 259        |               |               |       |      |      |         | 2 1/2        |  |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER P. DEAN .....

PHOTO NUMBER.....

DATE 14-15 July .....

Office Use Only

Map.....  
Date Plotted.....  
Plotter.....

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks   | Analytical Results |    |    |
|------------|---------------|---------------|------|------|------|---------|--------------|-----------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay | Organic |              |           | Cu                 | Pb | Zn |
| PD68-260   |               |               | ✓    | ✓    |      |         | 3            |           |                    |    |    |
| 261        |               |               |      | ✓    |      |         | 3 1/2        |           |                    |    |    |
| 262        |               |               | ✓    | ✓    |      |         | 3 1/2        |           |                    |    |    |
| 263        |               |               |      | ✓    |      |         | 3 1/2        |           |                    |    |    |
| 264        |               |               |      | ✓    |      |         | 4 1/2        | A12295-17 |                    |    |    |
| 265        |               |               |      | ✓    |      |         | 2 1/2        |           |                    |    |    |
| 266        |               |               |      | ✓    |      |         | 2            |           |                    |    |    |
| 267        |               |               |      | ✓    |      |         | 1            |           |                    |    |    |
| 268        | P             |               |      | ✓    |      |         | 2 1/2        |           |                    |    |    |
| 269        |               |               |      | ✓    |      |         | 3            |           |                    |    |    |
| 270        |               |               |      | ✓    |      |         | 4            |           |                    |    |    |
| 271        |               |               |      | ✓    |      |         | 2 1/2        |           |                    |    |    |
| 272        |               |               |      | ✓    |      |         | 4            |           |                    |    |    |
| 273        |               |               |      | ✓    |      |         | 3            |           |                    |    |    |
| 274        |               |               |      | ✓    |      |         | 3            |           |                    |    |    |
| 275        |               |               |      | ✓    |      |         | 3            |           |                    |    |    |







ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. MACK... L.A.D.U.E.....

PHOTO NUMBER. A12339:307

DATE. 12 July 1968.....

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No.       | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|------------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|                  |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| <u>11-68-331</u> |               |               |      | ✓    |        |         | <u>3</u>     |         |                    |    |    |
| <u>332</u>       |               |               |      | ✓    |        |         | <u>4</u>     |         |                    |    |    |
| <u>333</u>       |               |               |      | ✓    |        |         | <u>4</u>     |         |                    |    |    |
| <u>334</u>       |               |               |      | ✓    |        |         | <u>1</u>     |         |                    |    |    |
| <u>335</u>       |               |               |      | ✓    |        |         | <u>2</u>     |         |                    |    |    |
| <u>336</u>       |               |               |      | ✓    |        |         | <u>4</u>     |         |                    |    |    |
| <u>337</u>       |               |               |      | ✓    |        |         | <u>4</u>     |         |                    |    |    |
| <u>338</u>       |               |               |      | ✓    |        |         | <u>1</u>     |         |                    |    |    |
| <u>339</u>       |               |               |      | ✓    |        |         | <u>3</u>     |         |                    |    |    |
| <u>340</u>       |               |               |      | ✓    |        |         | <u>2</u>     |         |                    |    |    |
| <u>341</u>       |               |               |      | ✓    |        |         | <u>1</u>     |         |                    |    |    |
| <u>342</u>       |               |               |      | ✓    |        |         | <u>2</u>     |         |                    |    |    |
| <u>343</u>       |               |               |      | ✓    |        |         | <u>3</u>     |         |                    |    |    |
| <u>344</u>       |               |               |      | ✓    |        |         | <u>1</u>     |         |                    |    |    |
| <u>345</u>       |               |               |      | ✓    |        |         | <u>2</u>     |         |                    |    |    |
| <u>346</u>       |               |               |      | ✓    |        |         | <u>2</u>     |         |                    |    |    |



# SILT SAMPLE DATA

PHOTO: A12339-307

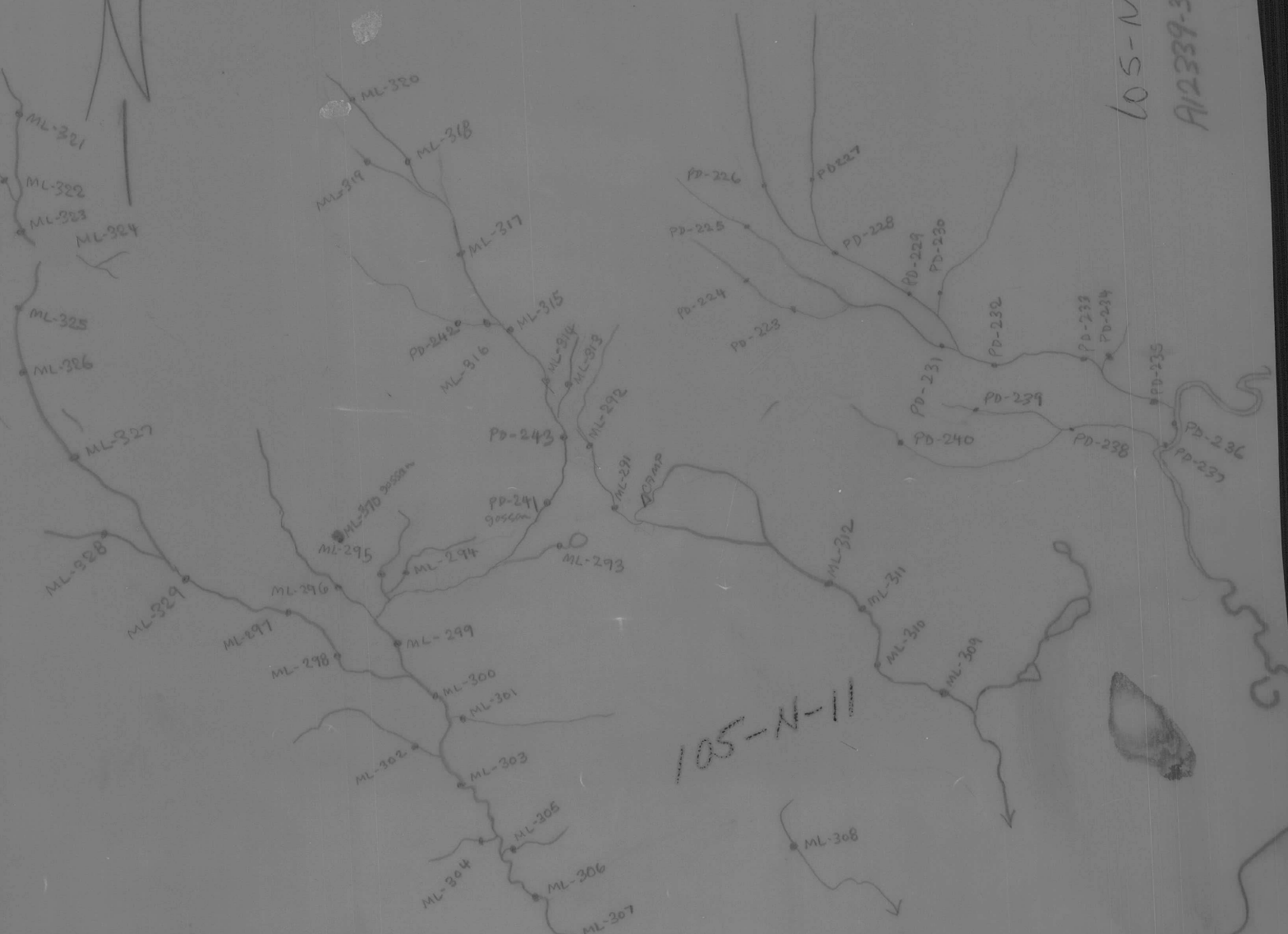
SAMPLER MACK LAPOUE

DATE 12 July 1968

| Sample No. | QUARTZ<br>Pct A | GOSSAN | Sand | Silt | Clay | Organic | Stream Width |
|------------|-----------------|--------|------|------|------|---------|--------------|
| ML68-347   |                 |        |      | ✓    |      |         | 1            |
| 348        |                 |        | ✓    |      |      |         | 2            |

Silt Sample Locations:  
CWARA LAKE CAMP  
P. Dean M. Ladue 7-10 July 1968

105-N-11  
A12339-312



P.D 68 - 223 → 243  
ML 68 - 291 → 330

EXEPT 330

PLOTTED ON GEOCHEM. MAP  
JULY 23/68

## SILT SAMPLE DATA

SAMPLER: P. DEANPHOTO NUMBER: A12339-312

105-N-11

DATE: 8 July 1968Map  
Date Plotted  
Plotter

| Sample No. | Quartz | Gossan | Soil |      | Silt |         | Stream width | Remarks | Analytical Results |    |    |
|------------|--------|--------|------|------|------|---------|--------------|---------|--------------------|----|----|
|            |        |        | Sand | Silt | clay | organic |              |         | Cu                 | Pb | Zn |
| 268-223    | P      | —      |      | ✓    |      |         | 1½           |         |                    |    |    |
| 224        | P      |        |      | ✓    |      |         | 1            |         |                    |    |    |
| 225        | —      |        |      | ✓    |      |         | 1½           |         |                    |    |    |
| 226        | P      |        |      | ✓    |      |         | 1½           |         |                    |    |    |
| 227        | P      |        |      | ✓    |      |         | 2            |         |                    |    |    |
| 228        | P      |        |      | ✓    |      |         | 3            |         |                    |    |    |
| 229        | P      |        |      | ✓    |      |         | 3            |         |                    |    |    |
| 230        | P      |        | ✓    |      |      |         | 2½           |         |                    |    |    |
| 231        | P      |        |      | ✓    |      |         | 2            |         |                    |    |    |
| 232        | P      |        |      | ✓    |      |         | 3½           |         |                    |    |    |
| 233        | P      |        |      | ✓    |      |         | 3½           |         |                    |    |    |
| 234        | —      |        |      | ✓    |      |         | 1½           |         |                    |    |    |
| 235        | P      |        |      | ✓    |      |         | 4            |         |                    |    |    |
| 236        | P      |        |      | ✓    |      |         | 50           |         |                    |    |    |
| 237        | P      |        | ✓    |      |      |         | 45           |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... MACK... LADUE.....

PHOTO NUMBER A12339..J12

DATE... 8 July... 1968.....

|                        |  |  |
|------------------------|--|--|
| <u>Office Use Only</u> |  |  |
| Map.....               |  |  |
| Date Plotted.....      |  |  |
| Plotter.....           |  |  |

| Sample No.  | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|-------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|             |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| 71-68-291 ✓ |               |               |      | ✓    |        |         | 3            |         |                    |    |    |
| 292 ✓       |               |               |      | ✓    |        |         | 3            |         |                    |    |    |
| 293 ✓       |               |               |      | ✓    |        |         | 1            |         |                    |    |    |
| 294 ✓       |               |               |      | ✓    |        |         | 3            |         |                    |    |    |
| 295 ✓       |               |               |      | ✓    |        |         | 1            |         |                    |    |    |
| 296 ✓       |               |               |      | ✓    |        |         | 2            |         |                    |    |    |
| 297 ✓       |               |               | ✓    |      |        |         | 6            |         |                    |    |    |
| 298 ✓       |               |               | ✓    |      |        |         | 6            |         |                    |    |    |
| 299 ✓       |               |               |      | ✓    |        |         | 4            |         |                    |    |    |
| 300 ✓       |               |               |      | ✓    |        |         | 6            |         |                    |    |    |
| 301 ✓       |               |               | ✓    |      |        |         | 1            |         |                    |    |    |
| 302 ✓       |               |               |      | ✓    |        |         | 1            |         |                    |    |    |
| 303 ✓       |               |               | ✓    |      |        |         | 6            |         |                    |    |    |
| 304 ✓       |               |               |      | ✓    |        |         | 1            |         |                    |    |    |
| 305 ✓       |               |               |      | ✓    |        |         | 1            |         |                    |    |    |
| 71-68-306 ✓ |               |               | ✓    |      |        |         | 6            |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... MAC K... LARUE.....

PHOTO NUMBER A 12739-312

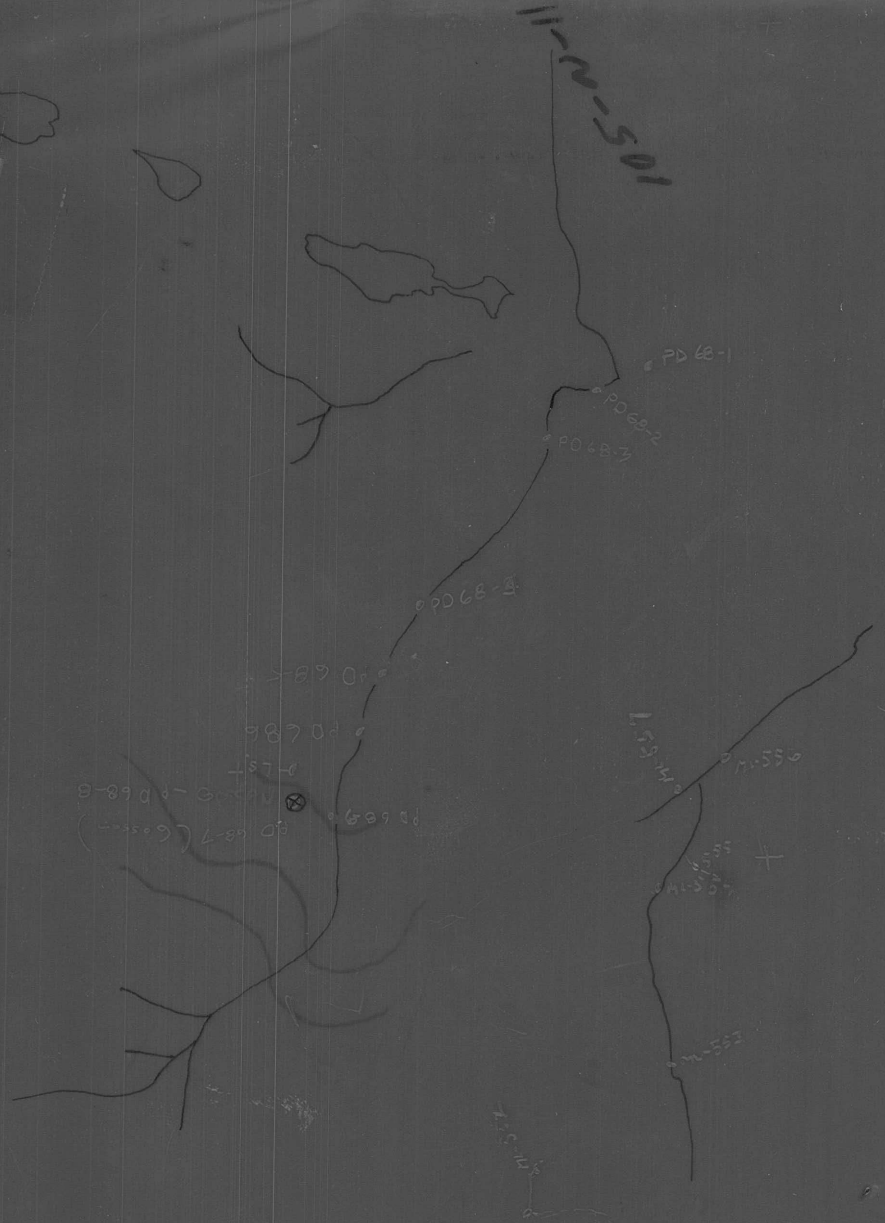
DATE... 8 July.... 1968...

Office Use Only

Map.....  
 Date Plotted.....  
 Plotter.....

| Sample No.        | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|-------------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|                   |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| <u>1268-307 P</u> |               |               |      | ✓    |        |         | <u>6</u>     |         |                    |    |    |
| <u>308</u>        | <u>1</u>      |               |      | ✓    |        |         | <u>1</u>     |         |                    |    |    |
| <u>309</u>        | ✓             |               | ✓    |      |        |         | <u>4</u>     |         |                    |    |    |
| <u>310</u>        | ✓             |               | ✓    |      |        |         | <u>4</u>     |         |                    |    |    |
| <u>311</u>        | ✓             |               | ✓    |      |        |         | <u>4</u>     |         |                    |    |    |
| <u>312</u>        | ✓             |               |      | ✓    |        |         | <u>4</u>     |         |                    |    |    |
| <u>313</u>        |               |               |      | ✓    |        |         | <u>2</u>     |         |                    |    |    |
| <u>314</u>        |               |               |      | ✓    |        |         | <u>4</u>     |         |                    |    |    |
| <u>315</u>        |               |               |      | ✓    |        |         | <u>4</u>     |         |                    |    |    |
| <u>316</u>        |               |               | ✓    |      |        |         | <u>1</u>     |         |                    |    |    |
| <u>317</u>        |               |               |      | ✓    |        |         | <u>3</u>     |         |                    |    |    |
| <u>318</u>        |               |               |      | ✓    |        |         | <u>3</u>     |         |                    |    |    |
| <u>319</u>        |               |               | ✓    |      |        |         | <u>1</u>     |         |                    |    |    |
| <u>320</u>        |               |               | ✓    |      |        |         | <u>1</u>     |         |                    |    |    |
| <u>321</u>        |               |               |      | ✓    |        |         | <u>8</u>     |         |                    |    |    |
| <u>322</u>        |               |               |      | ✓    |        |         | <u>1</u>     |         |                    |    |    |





PLOTTED ON GEOCHEM MAP  
 AUGUST 22/68

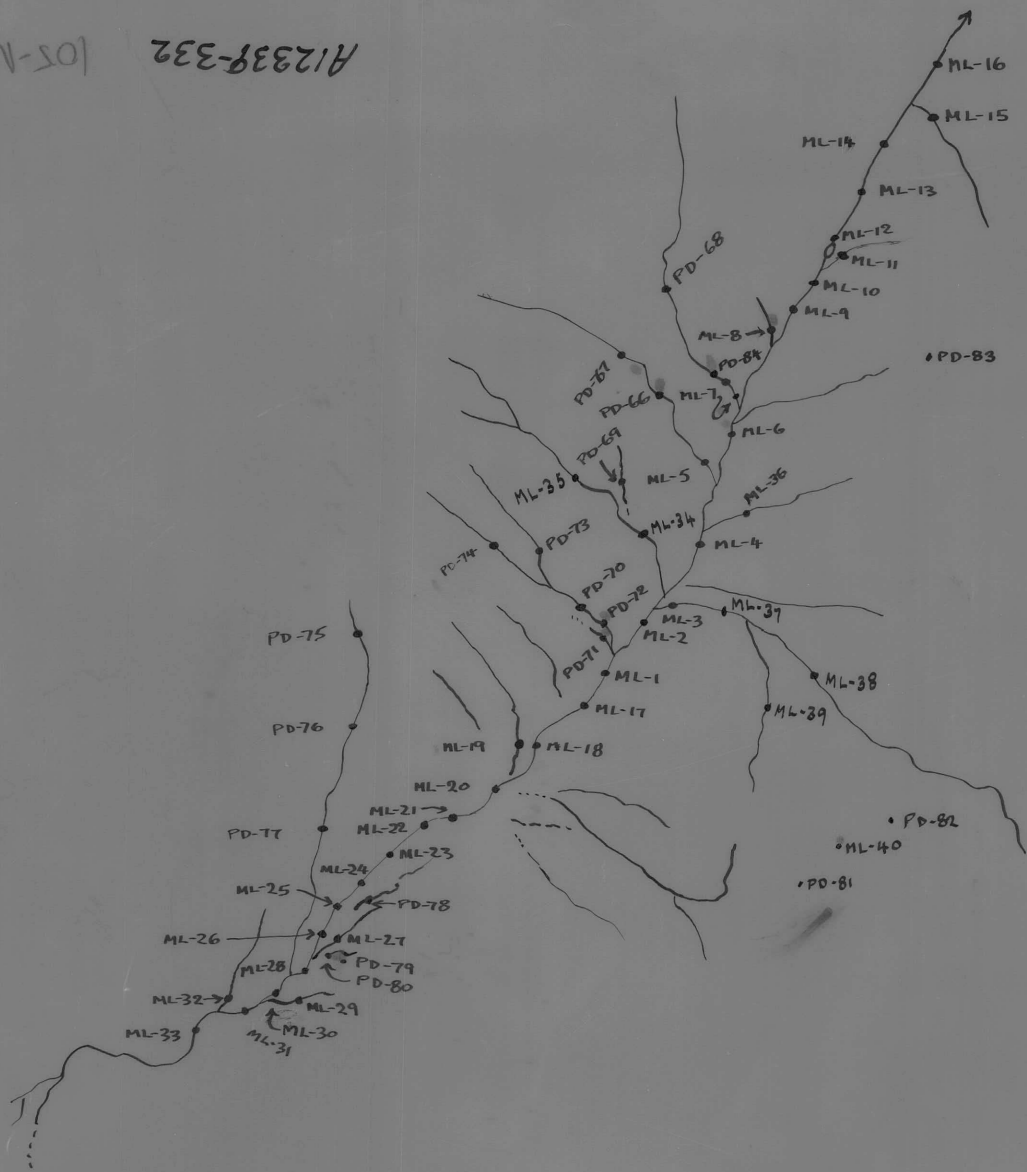
Indicate lat.  
 and Rev 2 profiles & 1/2

P. 68-10  
 G. 3-10-10  
 30 May 1968





105-N-11  
A12339-332



SILT SAMPLING LOCATIONS:

Charadrius Creek

9 JUNE → 13 JUNE, 1968

P. DEAN & M. LADUE

(PD 68-66 → PD 68-84 &

ML 68-1 → ML 68-40)

105-N-11

PLOTTED ON GEOCHEM MAP  
JULY 10/68 D.







ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. MACK LADUE.....

PHOTO NUMBER. A.2339-382

DATE. 10 JUNE 1968

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| ML-68-1    | P             |               |      |      |        |         |              |         |                    |    |    |
| ML-68-2    | P             |               | ✓    |      |        |         | 3            |         |                    |    |    |
| ML-68-3    | P             |               |      | ✓    |        |         | 2 1/2        | ✓       |                    |    |    |
| ML-68-4    | P             |               | ✓    |      |        |         | 3            |         |                    |    |    |
| ML-68-5    | P             |               |      | ✓    |        |         | 2 1/2        | ✓       |                    |    |    |
| ML-68-6    | P             |               |      | ✓    |        |         | 2 1/2        |         |                    |    |    |
| ML-68-7    | P             |               |      | ✓    |        |         | 2 1/2        | ✓       |                    |    |    |
| ML-68-8    | P             | Gossan        |      |      |        |         |              | ✓       |                    |    |    |
| ML-68-9    | P             |               |      | ✓    |        |         | 2            |         |                    |    |    |
| ML-68-10   | P             |               |      | ✓    |        |         | 2            |         |                    |    |    |
| ML-68-11   | P             |               |      | ✓    |        |         | 1            | ✓       |                    |    |    |
| ML-68-12   | P             |               |      | ✓    |        |         |              |         |                    |    |    |
| ML-68-13   | P             |               |      | ✓    |        |         | 1            |         |                    |    |    |
| ML-68-14   | P             |               |      | ✓    |        |         | 3            |         |                    |    |    |
| ML-68-15   | P             |               |      | ✓    |        |         | 1            | ✓       |                    |    |    |
| ML-68-16   | P             |               |      | ✓    |        |         | 3            |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. MACK LADUE.....

PHOTO NUMBER. A12839-331

DATE. 11.....JUNE.....1968

Office Use Only

Map.....

Date Plotted.....

Plotter.....

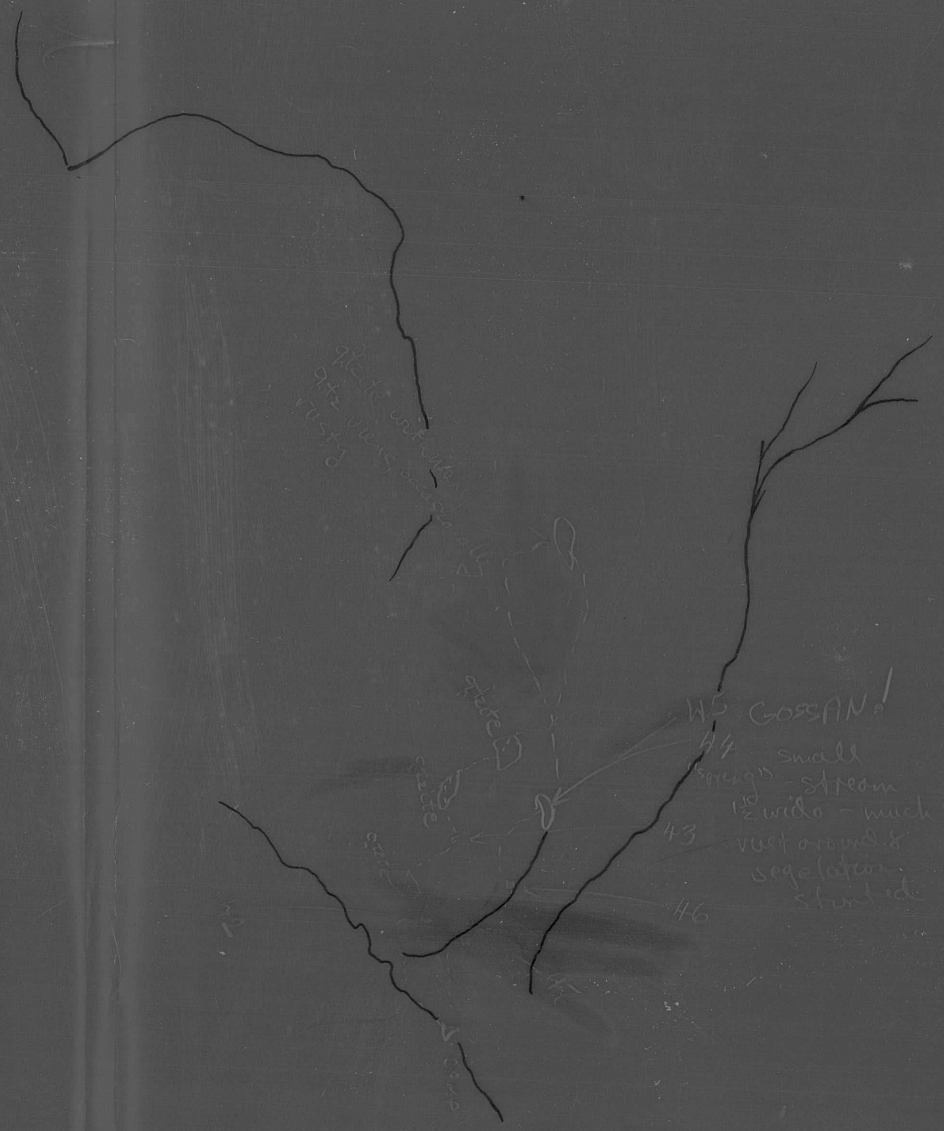
| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| ML-68-17   | P             |               |      | ✓    |        |         | 4            |         |                    |    |    |
| ML-68-18   | P             |               | ✓    | ✓    |        |         | 4 1/2        |         |                    |    |    |
| ML-68-19   | P             |               |      | ✓    |        |         | 1            |         |                    |    |    |
| ML-68-20   | P             |               |      | ✓    |        |         | 5            |         |                    |    |    |
| ML-68-21   | P             |               | ✓    |      |        |         | 5            |         |                    |    |    |
| ML-68-22   | P             |               |      | ✓    |        |         | 5            |         |                    |    |    |
| ML-68-23   | P             |               |      | ✓    |        |         | 6            |         |                    |    |    |
| ML-68-24   | P             |               |      | ✓    |        |         | 7            |         |                    |    |    |
| ML-68-25   | P             |               |      | ✓    |        |         | 7            |         |                    |    |    |
| ML-68-26   | P             |               | ✓    |      |        |         | 7            |         |                    |    |    |
| ML-68-27   | P             |               |      | ✓    |        |         | 1 1/2        |         |                    |    |    |
| ML-68-28   | P             |               |      | ✓    |        |         | 8            |         |                    |    |    |
| ML-68-29   | P             |               |      | ✓    |        |         | 1            |         |                    |    |    |
| ML-68-30   | P             |               |      | ✓    |        |         | 7            |         |                    |    |    |
| ML-68-31   | P             |               |      | ✓    |        |         | 6            |         |                    |    |    |
| ML-68-32   | P             |               |      | ✓    |        |         | 3            |         |                    |    |    |





A19298-80

3961 3/28  
Gossan



PLOTTED ON GOSGAN  
JULY 10:68 J



ATLAS EXPLORATIONS LIMITED

105-N-11

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... P. DEAN .....

PHOTO NUMBER. 12328-84

DATE... 1 JUNE 1968 .....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks              | Analytical Results |    |    |
|------------|---------------|---------------|------|------|--------|---------|--------------|----------------------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay   | Organic |              |                      | Cu                 | Pb | Zn |
| PD68-26    | P             |               |      | ✓    |        |         | 7 ft         |                      |                    |    |    |
| -27        | -             |               |      | ✓    |        |         | 5 ft         |                      |                    |    |    |
| -28        | P             |               |      | ✓    |        |         | 4 ft         |                      |                    |    |    |
| -29        | -             |               |      | ✓    |        |         | 6 ft         |                      |                    |    |    |
| -30        | P             |               | ✓    |      |        |         | "            |                      |                    |    |    |
| 31         | P             |               |      | ✓    |        |         | 2 ft         | (tributary)          |                    |    |    |
| 32         | P             |               |      | ✓    |        |         | 5 ft         |                      |                    |    |    |
| 33         | P             |               |      | ✓    |        |         | 5 ft         |                      |                    |    |    |
| 34         | -             |               |      | ✓    |        |         | 3 ft         | (tributary)          |                    |    |    |
| 35         | P             |               |      | ✓    |        |         | 5 ft         |                      |                    |    |    |
| 36         | P             |               | ✓    |      |        |         | 5 ft         |                      |                    |    |    |
| 37         | -             |               |      | ✓    |        |         | 2 1/2 ft     | (tributary)          |                    |    |    |
| 38         | P             |               |      | ✓    |        |         | 4 ft         |                      |                    |    |    |
| 39         | P             |               |      | ✓    |        |         | 3 ft         | by limestone outcrop |                    |    |    |
| 40         | -             |               |      | ✓    |        |         | 1 ft         |                      |                    |    |    |
| 41         | -             |               |      | ✓    |        |         | SWAMP        | GOSSAN               |                    |    |    |





ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER A. Charlie.....

PHOTO NUMBER.....

DATE Aug 9 / 68.....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks          | Analytical Results |    |    |
|------------|---------------|---------------|------|------|------|---------|--------------|------------------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay | Organic |              |                  | Cu                 | Pb | Zn |
| AC-68-173  |               |               |      | silt |      |         | 1/2 ft.      | creek (main crk) |                    |    |    |
| AC-68-174  |               |               |      | silt |      |         | 1 1/2 ft     | creek (main ")   |                    |    |    |
| AC-68-175  |               |               |      | silt |      |         | 1 ft         | creek south      |                    |    |    |
| AC-68-176  |               |               | sand |      |      |         | 1/2 ft       | " "              |                    |    |    |
| AC-68-177  |               |               |      | silt |      |         | 1/2 ft       | spring south     |                    |    |    |
| AC-68-178  |               |               |      | silt |      |         | 1/2 ft       | " "              |                    |    |    |
| AC-68-179  |               |               |      | silt |      |         | 1 1/2 ft     | creek south      |                    |    |    |
| AC-68-180  |               |               |      | silt |      |         | 1 ft         | " "              |                    |    |    |
| AC-68-181  |               |               |      | silt |      |         | 2 ft         | creek south      |                    |    |    |
| AC-68-182  |               |               |      | silt |      |         | 1 1/2 ft     | creek south      |                    |    |    |
| AC-68-183  |               |               |      | silt |      |         | 3 ft         | main crk         |                    |    |    |
| AC-68-184  |               |               |      | silt |      |         | 4 ft         | " "              |                    |    |    |
| AC-68-185  |               |               |      | silt |      |         | 2 ft         | creek north      |                    |    |    |
| AC-68-186  |               |               | sand |      |      |         | 2 ft         | " "              |                    |    |    |
| AC-68-187  |               |               |      | silt |      |         | 6 ft         | main creek       |                    |    |    |
| AC-68-188  |               |               |      | silt |      |         | 6 ft         | " "              |                    |    |    |



1" = 1/2 MI

4500

KM-68-192

KM-68-193

KM-68-194

KM-68-195

KM-68-196

KM-68-197

148

149

150

151

152

2500

153

154

155

PLEASANT  
LAKE

PLOTTED ON GEDCHEM MAP  
AUGUST 19/68

Kyösti Heinänen  
8. 8. 1968

PLEASANT CR





Kyösti Heinänen

19.7. 1968

PLOTTED ON GEOLOGIC MAP

JULY 24/68

☞

PLOTTED ON GEOCHEM. MAP  
AUG. 21/68  $\phi$



↑  
N  
↓

↑  
N  
↓



DEAN 105-N-11  
6/8/68

A12328-85

A12328-83





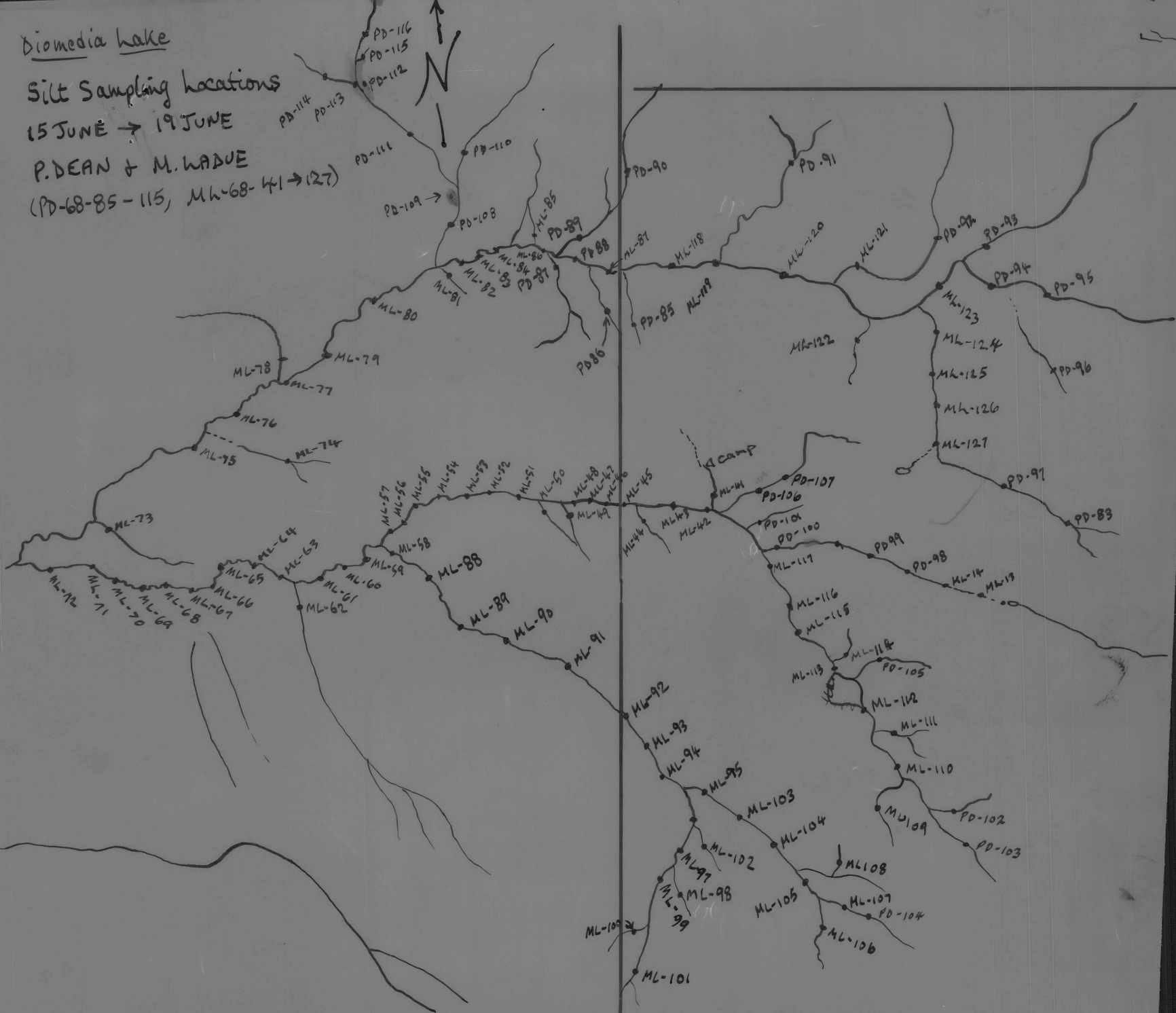
Diomedea Lake

Silt Sampling locations

15 JUNE → 19 JUNE

P. DEAN & M. WADUE

(PD-68-85-115, ML-68-41→127)



A12328-223

PLOTTED ON MAP JUNE 3/68. ♂

105-N-11/12

A12328-86

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER.....P. DEAN.....

PHOTO NUMBER. A12328-223

DATE...15 JUNE 1968

A12339-332  
+ some in gap between

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓  |               | Stream Width | Remarks                        | Analytical Results |    |    |
|------------|---------------|---------------|------|------|---------|---------------|--------------|--------------------------------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay    | Organic       |              |                                | Cu                 | Pb | Zn |
| D68-85     | P             | —             |      | ✓    |         |               | 1 FT         |                                |                    |    |    |
| 86         | P             | —             |      | ✓    |         |               | 1½           |                                |                    |    |    |
| 87         | P             | —             |      | ✓    |         |               | 2½           |                                |                    |    |    |
| 88         | P             | —             |      | ✓    |         |               | 8            |                                |                    |    |    |
| 89         | P             | —             |      | ✓    |         |               | 2            |                                |                    |    |    |
| 90         | P             | —             |      | ✓    |         |               | 2            |                                |                    |    |    |
| 91         | P             | —             |      | ✓    |         |               | 1½           |                                |                    |    |    |
| 92         | P             | —             |      | ✓    |         |               | 2½           |                                |                    |    |    |
| 93         | P             | —             |      | ✓    |         |               | 5            |                                |                    |    |    |
| 94         | P             | —             |      | ✓    |         |               | 7            |                                |                    |    |    |
| 95         | P             | —             |      | ✓    |         |               | 7            |                                |                    |    |    |
| 96         | P             | —             |      | ✓    |         |               | 2½           |                                |                    |    |    |
| 97         | —             | —             |      |      |         |               | 2½           | → SOIL TAKEN FROM CREEK BOTTOM |                    |    |    |
| 98         | P             | —             |      | ✓    |         |               | 3            |                                |                    |    |    |
| 99         | P             | —             |      | ✓    |         |               | 4            |                                |                    |    |    |
| 100        | P             | —             | ✓    | ✓    | + Rocks | , roots, etc. | 4            |                                |                    |    |    |
| 101        | P             | —             |      | ✓    |         |               | 1            |                                |                    |    |    |





ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... MAC K. LADUE.....

PHOTO NUMBER A12328-224

DATE 15 JUNE 1968.....

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| ML-68-41   | P             |               |      | ✓    |        |         | 1            |         |                    |    |    |
| ML-68-42   | P             |               | ✓    |      |        |         | 4            |         |                    |    |    |
| ML-68-43   | P             |               | ✓    |      |        |         | 4            |         |                    |    |    |
| ML-68-44   | P             |               | ✓    |      |        |         | 1            |         |                    |    |    |
| ML-68-45   | P             |               | ✓    |      |        |         | 3 1/2        |         |                    |    |    |
| ML-68-46   | P             |               | ✓    |      |        |         | 4            |         |                    |    |    |
| ML-68-47   | P             |               | ✓    |      |        |         | 4 1/2        |         |                    |    |    |
| ML-68-48   | P             |               | ✓    |      |        |         | 5            |         |                    |    |    |
| ML-68-49   | P             |               | ✓    |      |        |         | 1            |         |                    |    |    |
| ML-68-50   | P             |               |      | ✓    |        |         | 1            |         |                    |    |    |
| ML-68-51   | P             |               | ✓    |      |        |         | 4            |         |                    |    |    |
| ML-68-52   | P             |               | ✓    |      |        |         | 6            |         |                    |    |    |
| ML-68-53   | P             |               | ✓    |      |        |         | 5            |         |                    |    |    |
| ML-68-54   | P             |               |      | ✓    |        |         | 5 1/2        |         |                    |    |    |
| ML-68-55   | P             |               |      | ✓    |        |         | 4            |         |                    |    |    |
| ML-68-56   | P             |               | ✓    |      |        |         | 5            |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... M.A.C.K. LAUE.....

PHOTO NUMBER... A 13328-224

DATE... 55... JUNE... 1968.

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| ML-68-57 P |               |               | ✓    |      |        |         | 7            |         |                    |    |    |
| ML-68-58 P |               |               | ✓    |      |        |         | 9            |         |                    |    |    |
| ML-68-59 P |               |               | ✓    |      |        |         | 9            |         |                    |    |    |
| ML-68-60 P |               |               | ✓    |      |        |         | 9            |         |                    |    |    |
| ML-68-61 P |               |               | ✓    |      |        |         | 10           |         |                    |    |    |
| ML-68-62 P |               |               |      | ✓    |        |         | 2            |         |                    |    |    |
| ML-68-63 P |               | GOSSAN        |      |      |        |         |              |         |                    |    |    |
| ML-68-64 P |               |               |      | ✓    |        |         | 10           |         |                    |    |    |
| ML-68-65 P |               |               | ✓    | ✓    |        |         | 12           |         |                    |    |    |
| ML-68-66   |               |               |      | ✓    |        |         | 14           |         |                    |    |    |
| ML-68-67   |               |               |      | ✓    |        |         | 12           |         |                    |    |    |
| ML-68-68   |               |               | ✓    |      |        |         | 12           |         |                    |    |    |
| ML-68-69   |               |               | ✓    |      |        |         | 14           |         |                    |    |    |
| ML-68-70   |               |               | ✓    |      |        |         | 12           |         |                    |    |    |
| ML-68-71   |               |               | ✓    |      |        |         | 11           |         |                    |    |    |
| ML-68-72   |               |               | ✓    |      |        |         | 12           |         |                    |    |    |

-73 P

74 P

✓  
✓

2 FT

2 FT



ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER MACK LAOWE.....

PHOTO NUMBER.....

DATE 18 JUNE 1968...

Office Use Only

Map.....

Date Plotted.....

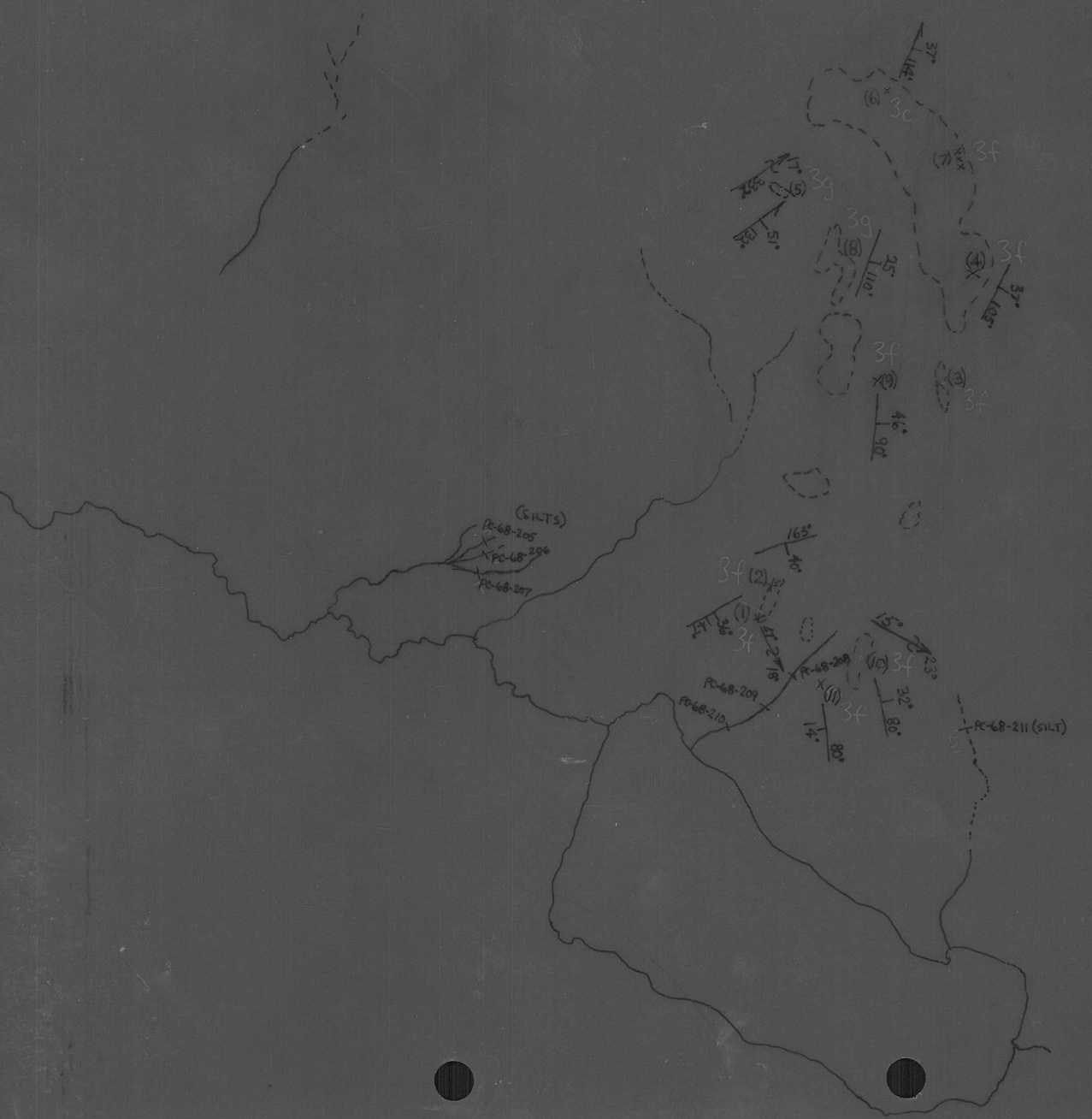
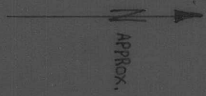
Plotter.....

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|--------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| Ml-68-88   | P             |               | ✓    |      |        |         | 9            |         |                    |    |    |
| Ml-68-89   | P             |               | ✓    |      |        |         | 8            |         |                    |    |    |
| Ml-68-90   | P             |               | ✓    |      |        |         | 9            |         |                    |    |    |
| Ml-68-91   | P             |               | ✓    |      |        |         | 9            |         |                    |    |    |
| Ml-68-92   | P             |               |      | ✓    |        |         | 8            |         |                    |    |    |
| Ml-68-93   | P             |               | ✓    |      |        |         | 9            |         |                    |    |    |
| Ml-68-94   | P             |               |      | ✓    |        |         | 7            |         |                    |    |    |
| Ml-68-95   | P             |               | ✓    |      |        |         | 4            |         |                    |    |    |
| Ml-68-96   | P             |               | ✓    |      |        |         | 7            |         |                    |    |    |
| Ml-68-97   | P             |               | ✓    |      |        |         | 6            |         |                    |    |    |
| Ml-68-98   | P             |               |      | ✓    |        |         | 2            |         |                    |    |    |
| Ml-68-99   | P             |               | ✓    |      |        |         | 5            |         |                    |    |    |
| Ml-68-100  | P             |               |      | ✓    |        |         | 1            |         |                    |    |    |
| Ml-68-101  | P             |               | ✓    |      |        |         | 5            |         |                    |    |    |
| Ml-68-102  | P             |               |      | ✓    |        |         | 1            |         |                    |    |    |
| Ml-68-103  | P             |               | ✓    |      |        |         | 4            |         |                    |    |    |





H 12295-15  
 LOS-N-11  
 PLOTTED ON GEOLOGIC MAP  
 JULY 18/68 P



GEO. TRAVERSES  
 JULY 12-13, 1968.  
 PHIL CLARIDGE

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... *Philip Clavidge* .....

PHOTO NUMBER... *A-12328-221* .....

DATE... *June 5/68* .....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min             | Soil   |        | Silt |         | Stream Width | Remarks                       | Analytical Results |    |      |
|------------|---------------|---------------------------|--------|--------|------|---------|--------------|-------------------------------|--------------------|----|------|
|            |               |                           | Sand   | Silt   | Clay | Organic |              |                               | Cu                 | Pb | Zn   |
| PC-68-25   | P             | NIL                       | STREAM |        |      |         | 7'           |                               | 31                 |    | 510  |
| PC-68-26   | P             | NIL                       | STREAM |        |      |         | 7'           |                               | 23                 |    | 380  |
| PC-68-27   | P             | NIL                       |        | STREAM |      |         | 6"           | TRIBUTARY                     | 10                 |    | 44   |
| PC-68-28   | P             | NIL                       |        | STREAM |      |         | 4'           |                               | 10                 |    | 118  |
| PC-68-29   | P             | GOSSAN.<br><del>NIL</del> |        | STREAM |      |         | 1'           | NEAR RUSTY SEEP               | 10                 |    | 30   |
| PC-68-30   | P             | GOSSAN.                   | STREAM |        |      |         | 2'           | NEAR RUSTY SEEPAGE            | 9                  |    | 33   |
| PC-68-31   | P             | NIL                       |        | STREAM |      |         | 2'           | SOME ORGANIC MATERIAL PRESENT | 10                 |    | 49   |
| PC-68-32   | P             | NIL                       |        | STREAM |      |         | 3'           |                               | 13                 |    | 56   |
| PC-68-33   | P             |                           | STREAM |        |      |         | 4'           | NEAR RUSTY SEEPAGE            | 10                 |    | 43   |
| PC-68-34   | P             | GOSSAN.                   |        |        |      |         |              | hillside<br>RUST SEEPAGE      | 5                  |    | 27   |
| PC-68-35   | P             | NIL                       |        | STREAM |      |         | 3'           |                               | 18                 |    | 440  |
| PC-68-36   | P             | NIL                       | STREAM |        |      |         | 6'           |                               | 40                 |    | 1000 |
|            |               |                           |        |        |      |         |              |                               | 40                 |    |      |
|            |               |                           |        |        |      |         |              |                               | 61                 |    |      |
|            |               |                           |        |        |      |         |              |                               | 16                 |    |      |
|            |               |                           |        |        |      |         |              |                               | 28                 |    |      |



ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER Philip Clardy .....

PHOTO NUMBER A12328-84 .....

DATE June 7/68 .....

+A12328-221

| Office Use Only   |  |  |
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| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil   |        | Silt |                    | Stream Width | Remarks   | Analytical Results |    |      |
|------------|---------------|---------------|--------|--------|------|--------------------|--------------|-----------|--------------------|----|------|
|            |               |               | Sand   | Silt   | Clay | Organic            |              |           | Cu                 | Pb | Zn   |
| PC-68-39   | P             | NIL           |        | STREAM |      |                    | 1'           | TRIBUTARY | 16                 |    | 1930 |
| PC-68-40   | P             | NIL           |        | STREAM |      |                    | 10'          |           | 28                 |    | 131  |
| PC-68-42   | P             | NIL           | STREAM |        |      |                    | 3'           | TRIBUTARY | 16                 |    | 68   |
| PC-68-43   | P             | NIL           | STREAM |        |      |                    | 9'           |           | 15                 |    | 105  |
| PC-68-44   | P             | NIL           |        | STREAM |      | SOME ORG. MATERIAL | 6"           | TRIBUTARY | 13                 |    | 250  |
| PC-68-45   | P             | NIL           | STREAM |        |      |                    | 8'           |           | 21                 |    | 42   |
| PC-68-46   | P             | NIL           | STREAM |        |      |                    | 7'           |           | 23                 |    | 222  |
| PC-68-47   | A             | NIL           |        | STREAM |      |                    | 1'           | TRIBUTARY | 29                 |    | 230  |
| PC-68-48   | P             | NIL           |        | STREAM |      |                    | 2'           | TRIBUTARY | 30                 |    | 105  |
| PC-68-49   | P             | NIL           |        | STREAM |      |                    | 7'           |           | 28                 |    | 181  |
| PC-68-50   | P             | NIL           | STREAM |        |      |                    | 2'           | TRIBUTARY | 18                 |    | 141  |
| PC-68-51   | P             | NIL           | STREAM |        |      |                    | 6'           |           | 18                 |    | 95   |
| PC-68-52   | P             | NIL           | STREAM |        |      |                    | 6'           |           | 21                 |    | 155  |
| PC-68-53   | P             | NIL           |        | STREAM |      |                    | 3'           | TRIBUTARY | 21                 |    | 190  |
| PC-68-54   | P             | NIL           |        | STREAM |      |                    | 1'           | TRIBUTARY | 10                 |    | 97   |
| PC-68-55   | A             | NIL           |        | STREAM |      |                    | 1'           | TRIBUTARY | 10                 |    | 48   |

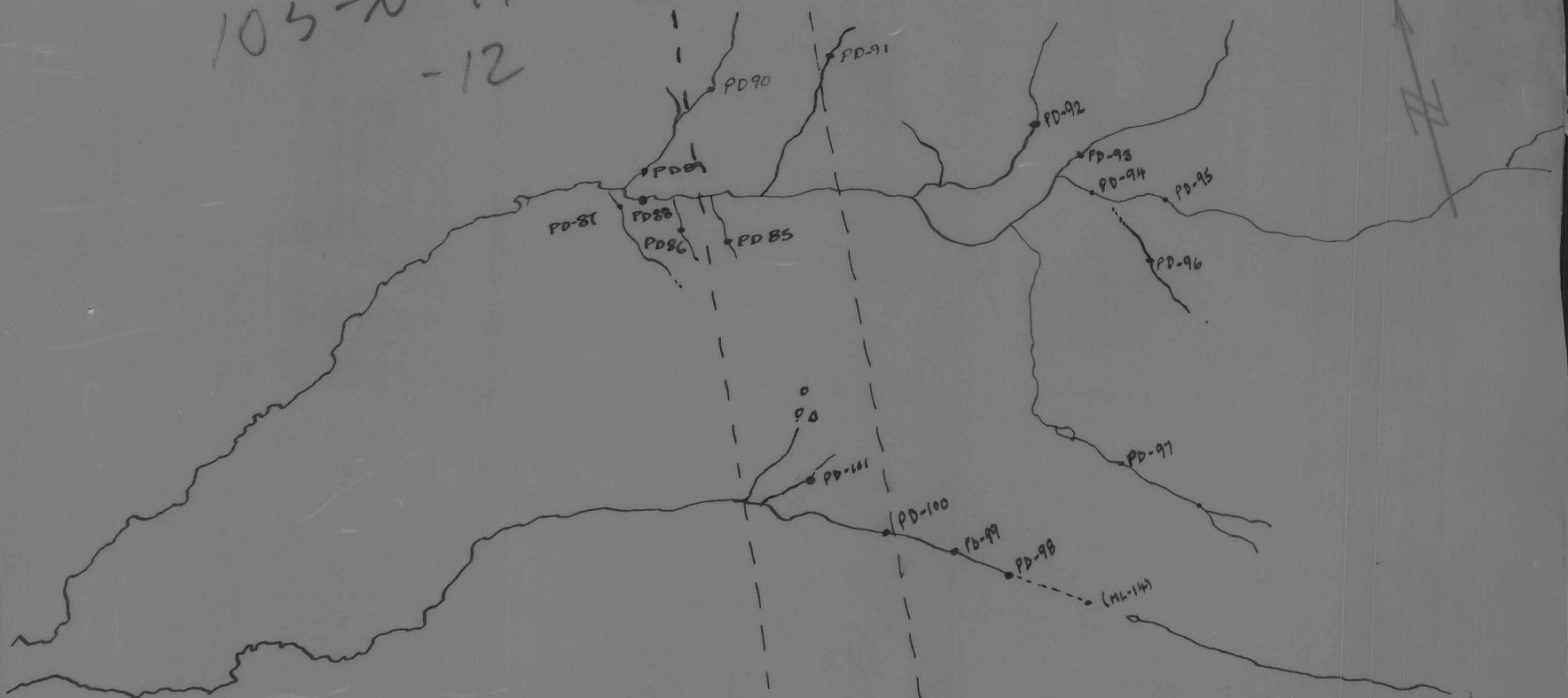
A12328-221

A12328-34



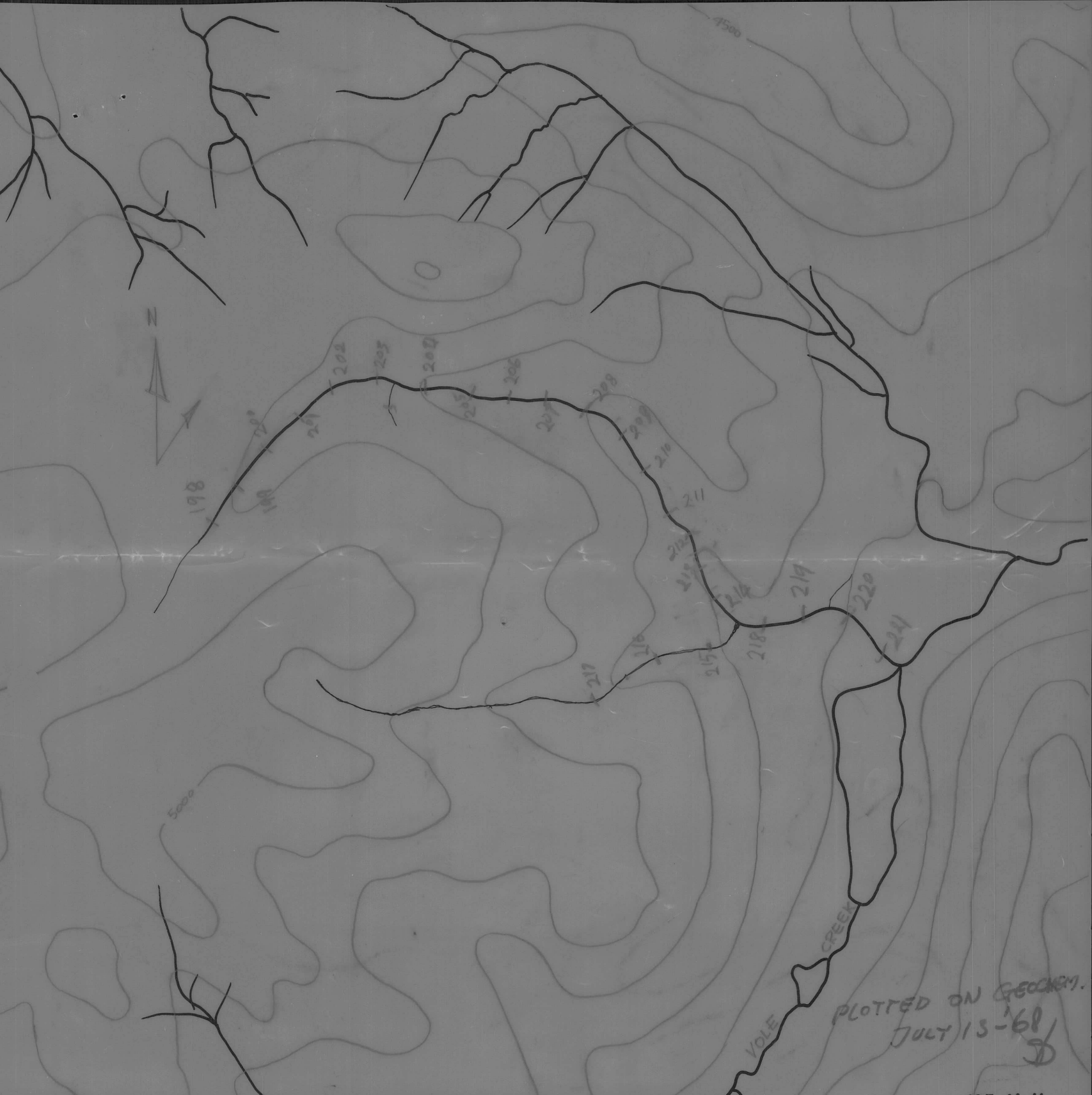


105-N-11  
-12



PLOTTED  
Peter V.  
June 30/68

A12339-232



PLOTTED ON GEORGEY.  
JULY 13-68  
\$

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER SAM McLEOD .....

PHOTO NUMBER .....

DATE JULY 2 1968 .....

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Map .....

Date Plotted .....

Plotter .....

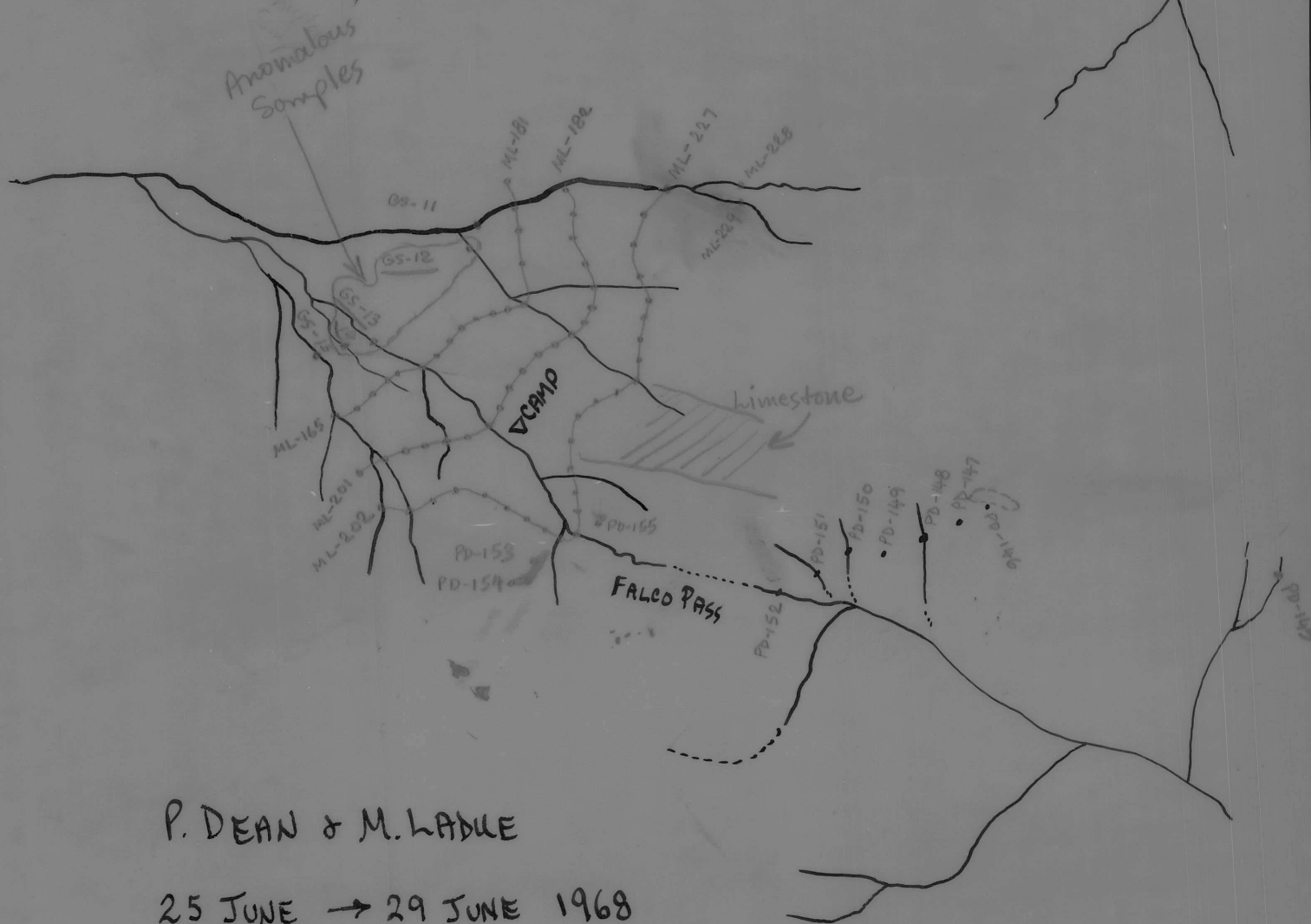
| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks         | Analytical Results |    |    |
|------------|---------------|---------------|------|------|------|---------|--------------|-----------------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay | Organic |              |                 | Cu                 | Pb | Zn |
| 198        |               | SILT GRAVEL   |      |      |      |         | 2-           | FLOODING STREAM |                    |    |    |
| 199        |               | FINE SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |
| 200        |               | SILT SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |
| 201        |               | SAND GRAVEL   |      |      |      |         | 10           | STREAM          |                    |    |    |
| 202        |               | SAND GRAVEL   |      |      |      |         | 10           | STREAM          |                    |    |    |
| 203        |               | FINE SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |
| 204        |               | SAND GRAVEL   |      |      |      |         | 10           | STREAM          |                    |    |    |
| 205        |               | SILT GRAVEL   |      |      |      |         | 10           | STREAM          |                    |    |    |
| 206        |               | FINE SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |
| 207        |               | FINE SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |
| 208        |               | FINE SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |
| 209        |               | SAND GRAVEL   |      |      |      |         | 10           | STREAM          |                    |    |    |
| 210        |               | SILT GRAVEL   |      |      |      |         | 10           | STREAM          |                    |    |    |
| 211        |               | SILT GRAVEL   |      |      |      |         | 10           | STREAM          |                    |    |    |
| 212        |               | FINE SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |
| 213        |               | SILT SAND     |      |      |      |         | 10           | STREAM          |                    |    |    |







FALCO PASS  
Silt Sample locations



P. DEAN & M. LADUE

25 JUNE → 29 JUNE 1968

ML 165 → ML-229

PD-147 → PD-155

105-11-N

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... MAACK... I.A.D.U.E......

PHOTO NUMBER A-12328-222

DATE 27 JUNE 1968

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No.  | Quartz P or A | Gossan or Min | Soil ✓ |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|-------------|---------------|---------------|--------|------|--------|---------|--------------|---------|--------------------|----|----|
|             |               |               | Sand   | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
| ML-68-165 P |               |               | ✓      |      |        |         | 3            |         |                    |    |    |
| ML-68-166   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-167   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-168 P |               |               | ✓      |      |        |         | 1            |         |                    |    |    |
| ML-68-169   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-170 P |               |               | ✓      |      |        |         | 4            |         |                    |    |    |
| ML-68-171   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-172   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-173   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-174   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-175   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-176   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-177 P |               |               | ✓      |      |        |         | 3            |         |                    |    |    |
| ML-68-178   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-179   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-180 P |               |               | ✓      |      |        |         | 5            |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. MAACK.....L.A.DUE.....

PHOTO NUMBER. A-12328-222

DATE. 27.....JUNE.....1968.....

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No.  | Quartz P or A | Gossan or Min | Soil ✓ |      | Silt ✓ |         | Stream Width | Remarks | Analytical Results |    |    |
|-------------|---------------|---------------|--------|------|--------|---------|--------------|---------|--------------------|----|----|
|             |               |               | Sand   | Silt | Clay   | Organic |              |         | Cu                 | Pb | Zn |
|             |               |               |        |      |        |         |              |         |                    |    |    |
| 4-68-181    |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-182 P |               |               | silt   |      |        |         | 4            |         |                    |    |    |
| ML-68-183 P |               |               | silt   | soil |        |         |              |         |                    |    |    |
| ML-68-184 P |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-185   |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-186 P |               |               | silt   |      |        |         | 1            |         |                    |    |    |
| ML-68-187 P |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-188 P |               |               |        | silt |        |         | 1            |         |                    |    |    |
| ML-68-189 P |               |               |        | silt |        |         | 2            |         |                    |    |    |
| ML-68-190 P |               |               | soil   |      |        |         |              |         |                    |    |    |
| ML-68-191 P |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-192 P |               |               |        | silt |        |         |              |         |                    |    |    |
| ML-68-193 P |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-194 P |               |               |        | soil |        |         |              |         |                    |    |    |
| ML-68-195 P |               |               | silt   |      |        |         | 3            |         |                    |    |    |
| ML-68-196 P |               |               |        | soil |        |         |              |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. MAC K LADUE.....

PHOTO NUMBER A. 15328-222

DATE. 27 June 1968.....

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay | Organic |              |         | Cu                 | Pb | Zn |
|            |               |               |      |      |      |         |              |         |                    |    |    |
| 1-68-197   | P             |               | silt |      |      |         | 1            |         |                    |    |    |
| ML-68-198  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-199  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-200  | P             |               | silt |      |      |         | 2            |         |                    |    |    |
| ML-68-201  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-202  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-203  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-204  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-205  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-206  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-207  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-208  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-209  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-210  | P             |               | silt |      |      |         | 3            |         |                    |    |    |

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. MACK.....LARUE.....

PHOTO NUMBER. A-12295-12

DATE. 28.....June.....1968.....

|                        |  |  |
|------------------------|--|--|
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| Map.....               |  |  |
| Date Plotted.....      |  |  |
| Plotter.....           |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks | Analytical Results |    |    |
|------------|---------------|---------------|------|------|------|---------|--------------|---------|--------------------|----|----|
|            |               |               | Sand | Silt | Clay | Organic |              |         | Cu                 | Pb | Zn |
| ML-68-210  | P             |               | silt |      |      |         | 2            |         |                    |    |    |
| ML-68-212  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-213  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-214  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-215  | P             |               |      | soil |      |         | 1            |         |                    |    |    |
| ML-68-216  | P             |               | silt |      |      |         |              |         |                    |    |    |
| ML-68-217  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-218  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-219  | P             |               | silt |      |      |         | 4            |         |                    |    |    |
| ML-68-220  | P             |               | silt |      |      |         | 1            |         |                    |    |    |
| ML-68-221  | P             |               | silt |      |      |         | 1            |         |                    |    |    |
| ML-68-222  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-223  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-224  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-225  | P             |               |      | soil |      |         |              |         |                    |    |    |
| ML-68-226  | P             |               |      | soil |      |         |              |         |                    |    |    |

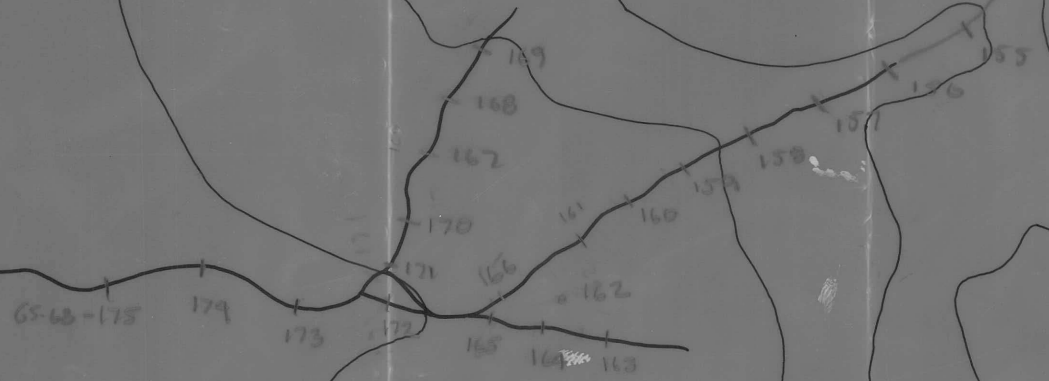




↑  
1" = 1/2 MI

4000

63-60-159



C. Sanford  
Aug. 9-68  
154-175

PLOTTED ON GEOCHEM. MAP  
AUGUST 19/68

105-O-11  
105-N-11

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... *G. Sanfor* .....

PHOTO NUMBER.....

DATE... *9 Aug 68* .....

*Trace 105-0-11*

Office Use Only

Map.....

Date Plotted.....

Plotter.....

| Sample No.        | Quartz P or A | Gossan or Min | Soil |      | Silt |         | Stream Width | Remarks   | Analytical Results |    |    |
|-------------------|---------------|---------------|------|------|------|---------|--------------|---|--------------------|----|----|
|                   |               |               | Sand | Silt | Clay | Organic |              |   | Cu                 | Pb | Zn |
| <i>568</i><br>154 | <i>P</i>      |               |      | ✓    |      |         | ✓            | <i>Hard to get silt. Blue gray slate float, fragments</i> |                    |    |    |
| 155               | <i>P</i>      |               |      | ✓    |      |         | ✓            | <i>Green slates</i>                                       |                    |    |    |
| 156               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 157               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 158               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 159               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 160               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 161               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 162               | <i>P</i>      |               |      | ✓    |      |         | ✓            | <i>Flows from east</i>                                    |                    |    |    |
| 163               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 164               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 165               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 166               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| 167               | <i>P</i>      |               |      | ✓    |      |         | ✓            | <i>Canyon ≈ 50-80' deep Blue gray slates</i>              |                    |    |    |
| 168               | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |
| <i>6568169</i>    | <i>P</i>      |               |      | ✓    |      |         | ✓            |   |                    |    |    |



ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER P. DEAN.....

PHOTO NUMBER A12328-220.....

DATE 7 JUNE 1968.....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No.         | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks                                 | Analytical Results |    |     |
|--------------------|---------------|---------------|------|------|--------|---------|--------------|---|--------------------|----|-----|
|                    |               |               | Sand | Silt | Clay   | Organic |              |   | Cu                 | Pb | Zn  |
| <del>D-68-48</del> | P             |               |      |      |        |         |              | SOIL SAMPLE                             | 3                  |    | 34  |
| -49                | P             |               |      | ✓    |        |         | 1 FT         | (tributary)                             | 16                 |    | 62  |
| 50                 | P             |               | ✓    | ✓    |        |         | 2 FT         |   | 5                  |    | 84  |
| 51                 | P             |               |      | ✓    |        |         | 1 FT         | (tributary)                             | 10                 |    | 71  |
| 52                 | P             |               |      | ✓    |        |         | 3 FT         |   | 9                  |    | 56  |
| 53                 | P             | }             |      | ✓    |        |         | 3 FT         | (tributary)                             | 10                 |    | 65  |
| 54                 | P             |               |      | ✓    |        |         | 3 FT         | "                                       |                    |    |     |
| 55                 | P             |               |      | ✓    |        |         | 4 FT         |   | 4                  |    | 60  |
| 56                 | P             |               |      | ✓    |        |         | 4 FT         |   | N.D.               |    | 168 |
| 57                 | P             |               |      | ✓    |        |         | 4 1/2 FT     |   | N.D.               |    | 29  |
| 58                 | —             |               |      | ✓    |        |         | 1 FT         |   | 21                 |    | 54  |
| 59                 | —             |               |      |      |        |         | 1 FT         | SOIL SAMPLE TAKEN FROM BOTTOM OF STREAM | 15                 |    | 90  |
| 60                 | P             |               |      | ✓    |        |         | 3 FT         | } Same stream                           | 10                 |    | 400 |
| 61                 | P             |               |      | ✓    |        |         | 3 FT         |   | 10                 |    | 380 |
| 62                 | P             |               | ✓    |      |        |         | 2 FT         | } Same stream                           | 21                 |    | 660 |
| 63                 | P             |               |      | ✓    |        |         | 3 FT         |   | 18                 |    | 195 |

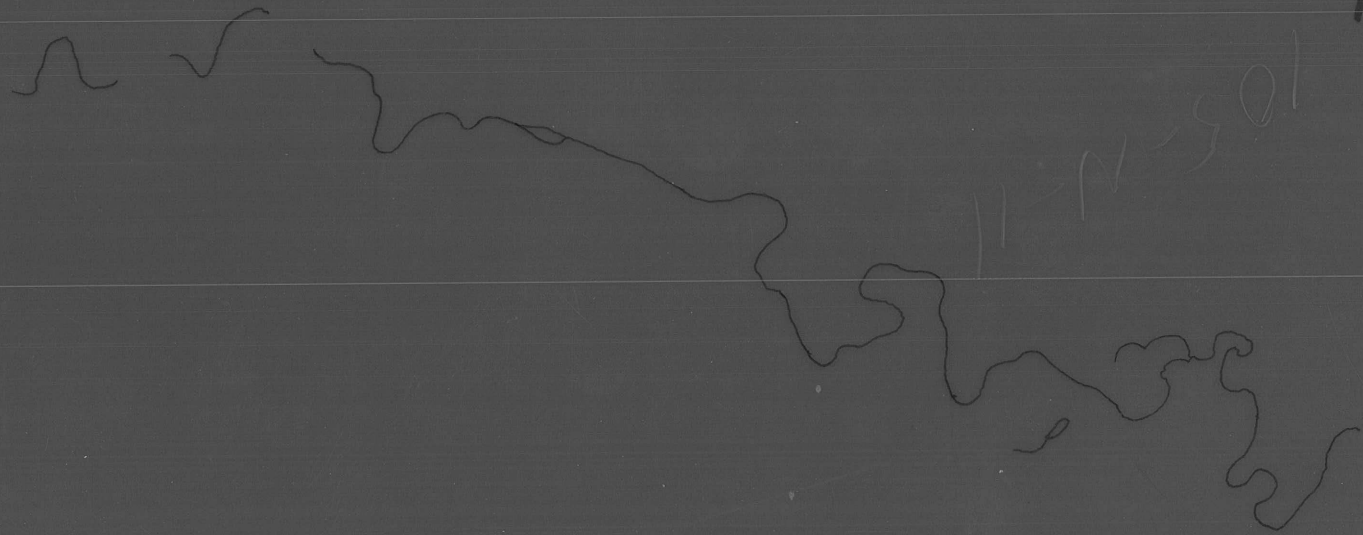
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105-N-11

105-N-501

A12326-82



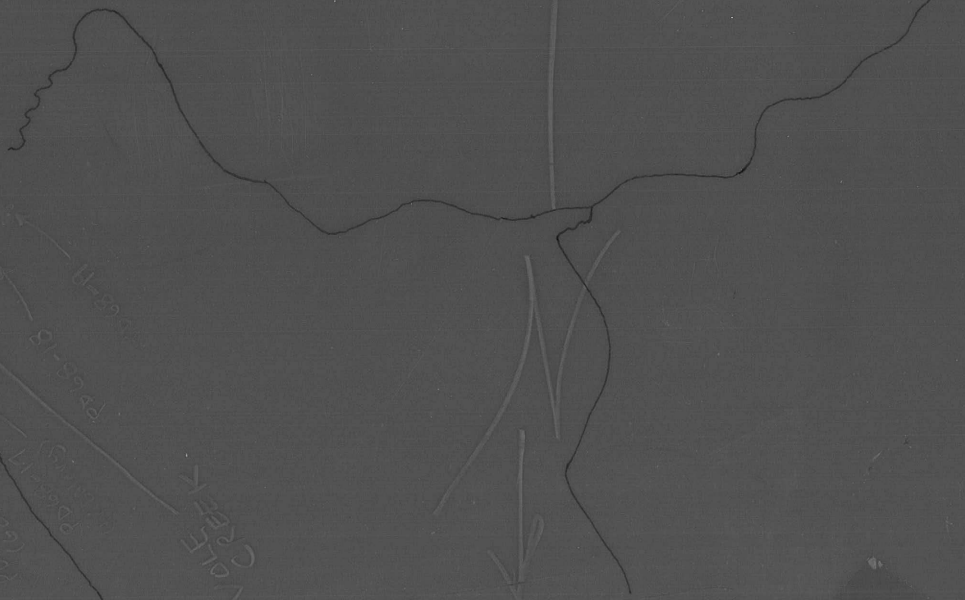
IDEA  
31 May 1968

White (last creek)

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ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER... P. DEAN .....

PHOTO NUMBER A12328.-82

DATE... 31 May 1968 .....

| Office Use Only   |  |  |
|-------------------|--|--|
| Map.....          |  |  |
| Date Plotted..... |  |  |
| Plotter.....      |  |  |

| Sample No. | Quartz P or A | Gossan or Min | Soil |      | Silt ✓ |         | Stream Width | Remarks   | Analytical Results |    |    |
|------------|---------------|---------------|------|------|--------|---------|--------------|---|--------------------|----|----|
|            |               |               | Sand | Silt | Clay   | Organic |              |   | Cu                 | Pb | Zn |
| D68-10     | P             |               |      | ✓    |        |         | 8 FT         | "VOLE CREEK"  |                    |    |    |
| -11        | P             |               | ✓    |      |        |         | 8 FT         |   |                    |    |    |
| -12        | P             | GOSSAN        |      | ✓?   |        |         | —            | Rust stains on stream gravel bar, tree trunks, etc. |                    |    |    |
| -13        | P             |               |      | ✓    |        |         | "            |   |                    |    |    |
| -14        | P             |               |      | ✓    |        |         | "            |   |                    |    |    |
| -15        | P             |               |      | ✓    |        |         | "            | Rust stains on stream ice                           |                    |    |    |
| -16        | —             | GOSSAN        |      | ✓    |        |         |              | SWAMP draining into CREEK                           |                    |    |    |
| -17        | —             |               |      | ✓    |        |         | 3 Ft.        | Tributary to Vole Creek                             |                    |    |    |
| -18        | P             |               | ✓    |      |        |         | 8 FT         |   |                    |    |    |
| 19         | P             |               |      | ✓    |        |         | 8 FT         |   |                    |    |    |
| 20         | P             |               |      | ✓    |        |         | 3 Ft         | tributary   |                    |    |    |
| 21         | P             |               | ✓    | ✓    |        |         | "            | " PHYLLITE FLOAT IN CREEK                           |                    |    |    |
| 22         | —             |               | ✓    |      |        | ✓       | 1 Ft         | "   |                    |    |    |
| 23         | P             |               |      | ✓    |        |         | 2 1/2 Ft     | "   |                    |    |    |
| 24         | P             |               |      | ✓    |        |         | 1 Ft         | "   |                    |    |    |
| 25         | P             |               |      | ✓    |        |         | 1 Ft         | "   |                    |    |    |



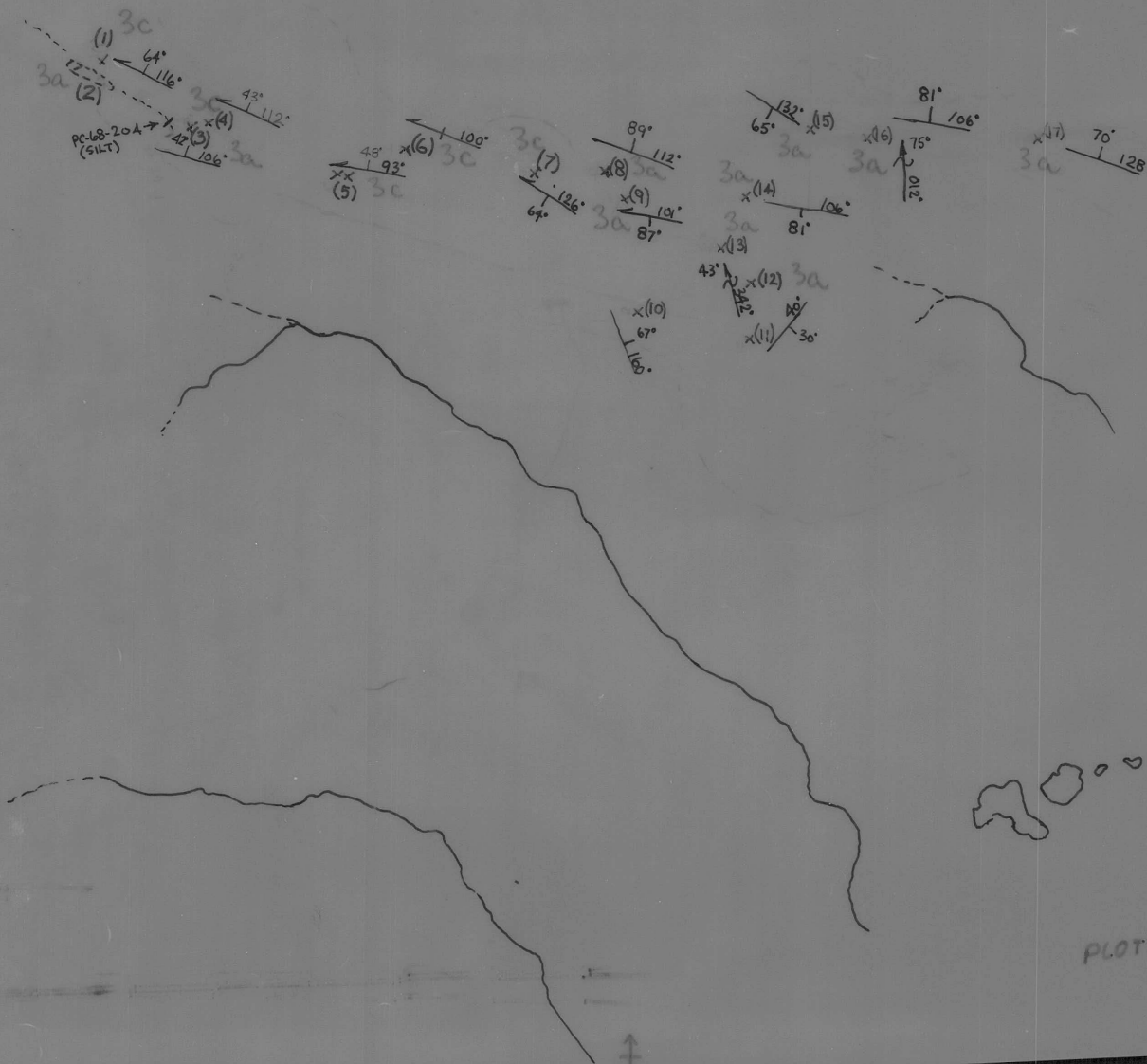
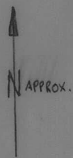
Heinänen

July 2/68

GEOLOGY : PLOTTED  $\phi$ .  
 ROCK SAMPLES GEOCHEM :

105-N - 11

A12328-84



A12339-332

105-N-11

Geo. TRAVERSE  
PHIL CLARIDGE  
JULY 11, 1968.

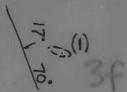
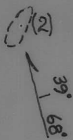
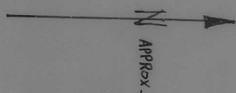
PLOTTED ON GEOLOGIC MAP  
JULY-18/68  $\phi$ .



H 12295-16

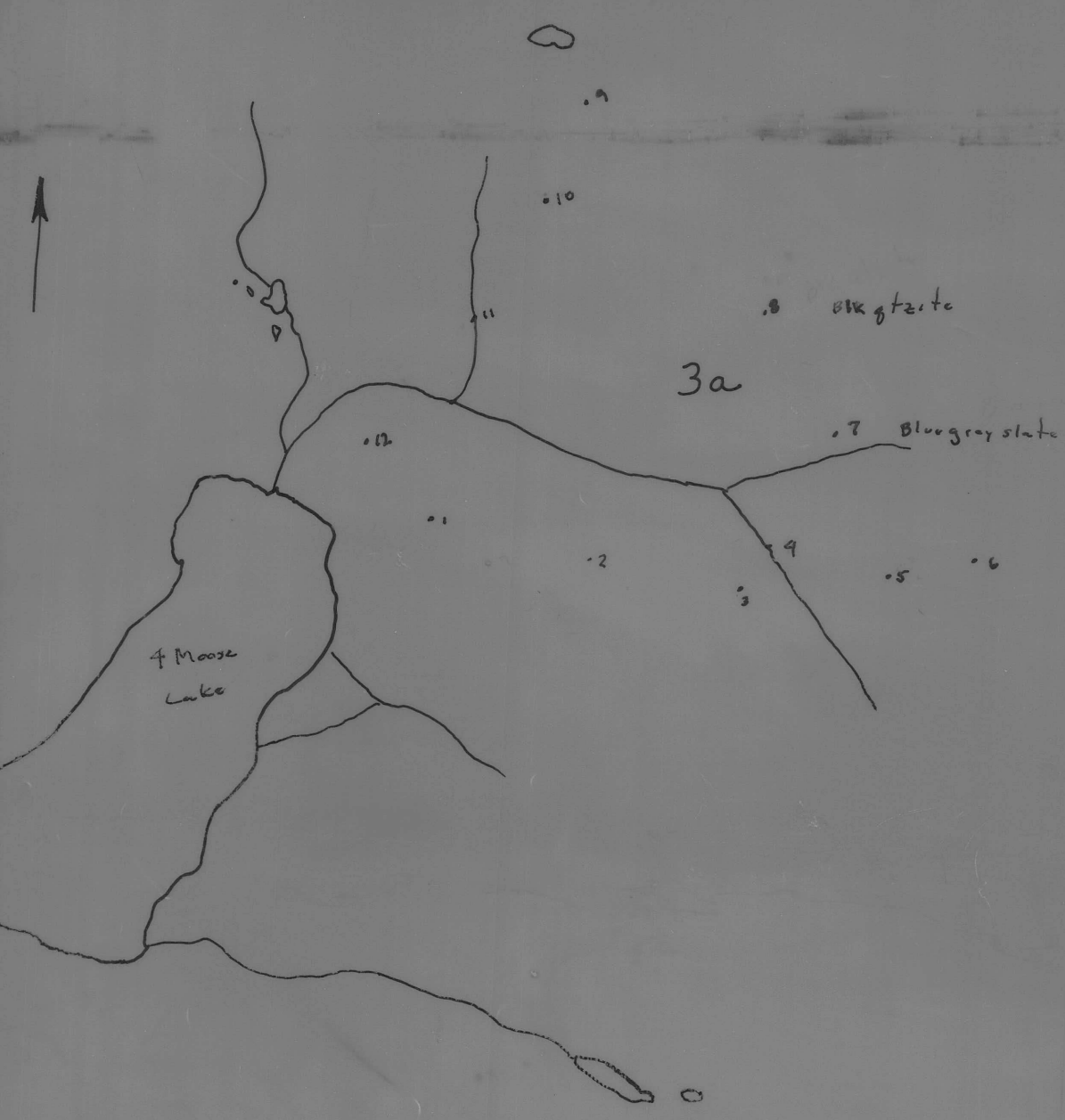
105-N-11

PLOTTED ON GEOLOGIC MAP  
JULY 18/68  $\phi$



3f

GEO. TRAVERSE  
JULY 14, 1968.  
PHIL CLARIDGE



605-N-11

A 12339-306

Geological Mapping  
14 July 68  
G. Sanford  
Camp # 3

PLOTTED ON GEOLOGICAL MAP  
JULY 24/68

Ⓟ

105-N-11

A12339-3076



Geological Mapping  
18 July 67  
G. Sanford  
Camp #3

PLOTTED ON GEOLOGIC MAP  
JULY 20-'68

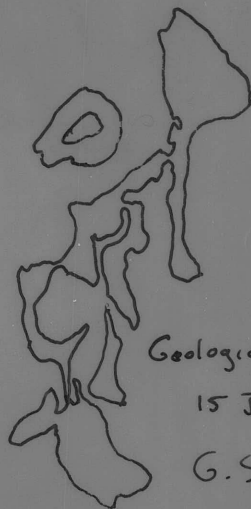
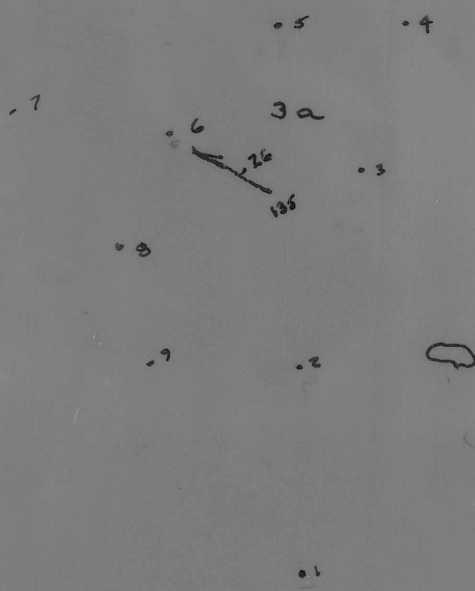
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605-N-11

A12389-304



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Geological Mapping

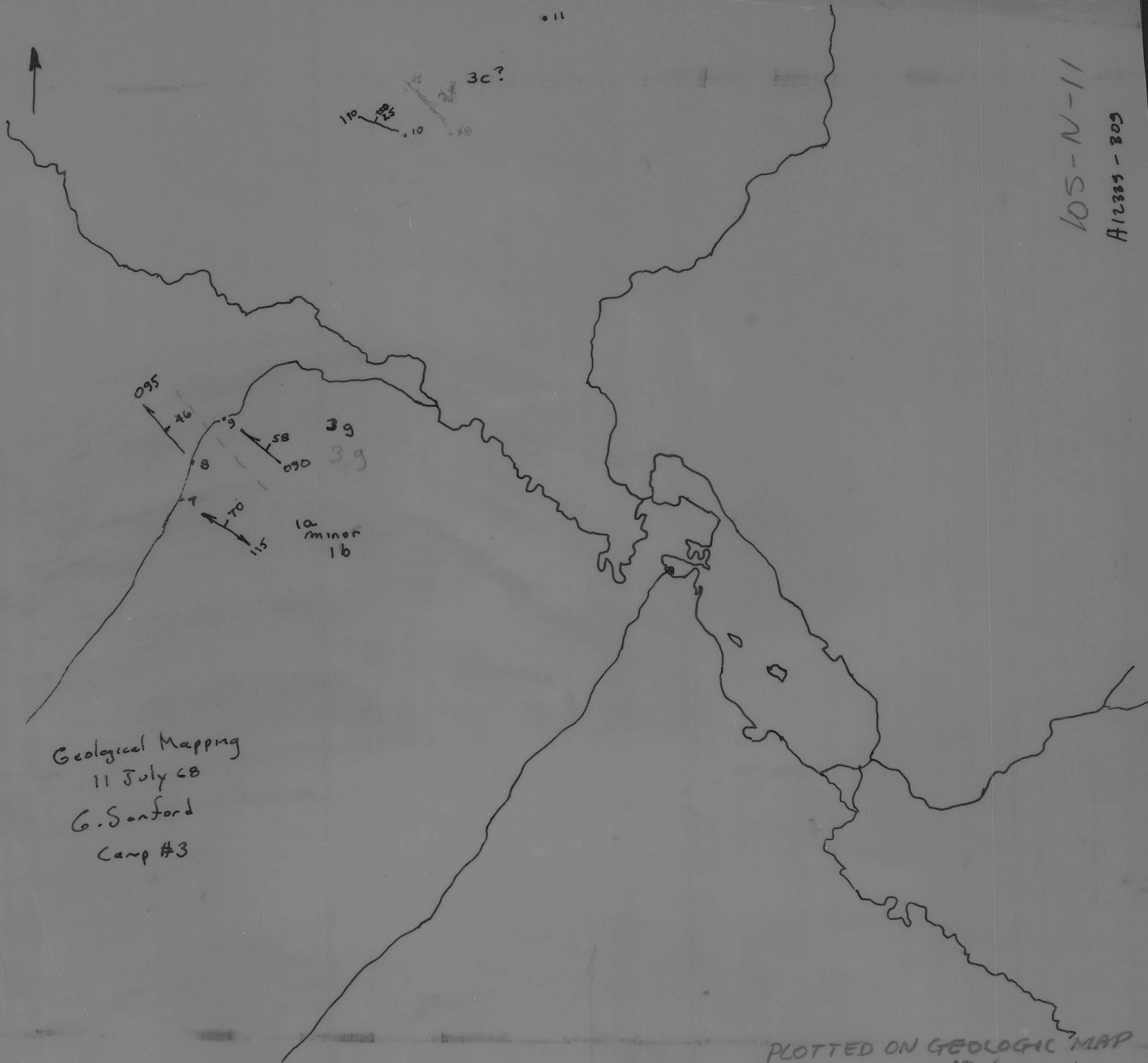
15 July 68

G. Sanford

Comp # 3

PLOTTED ON GEOLOGIC MAP  
JULY 20-1968

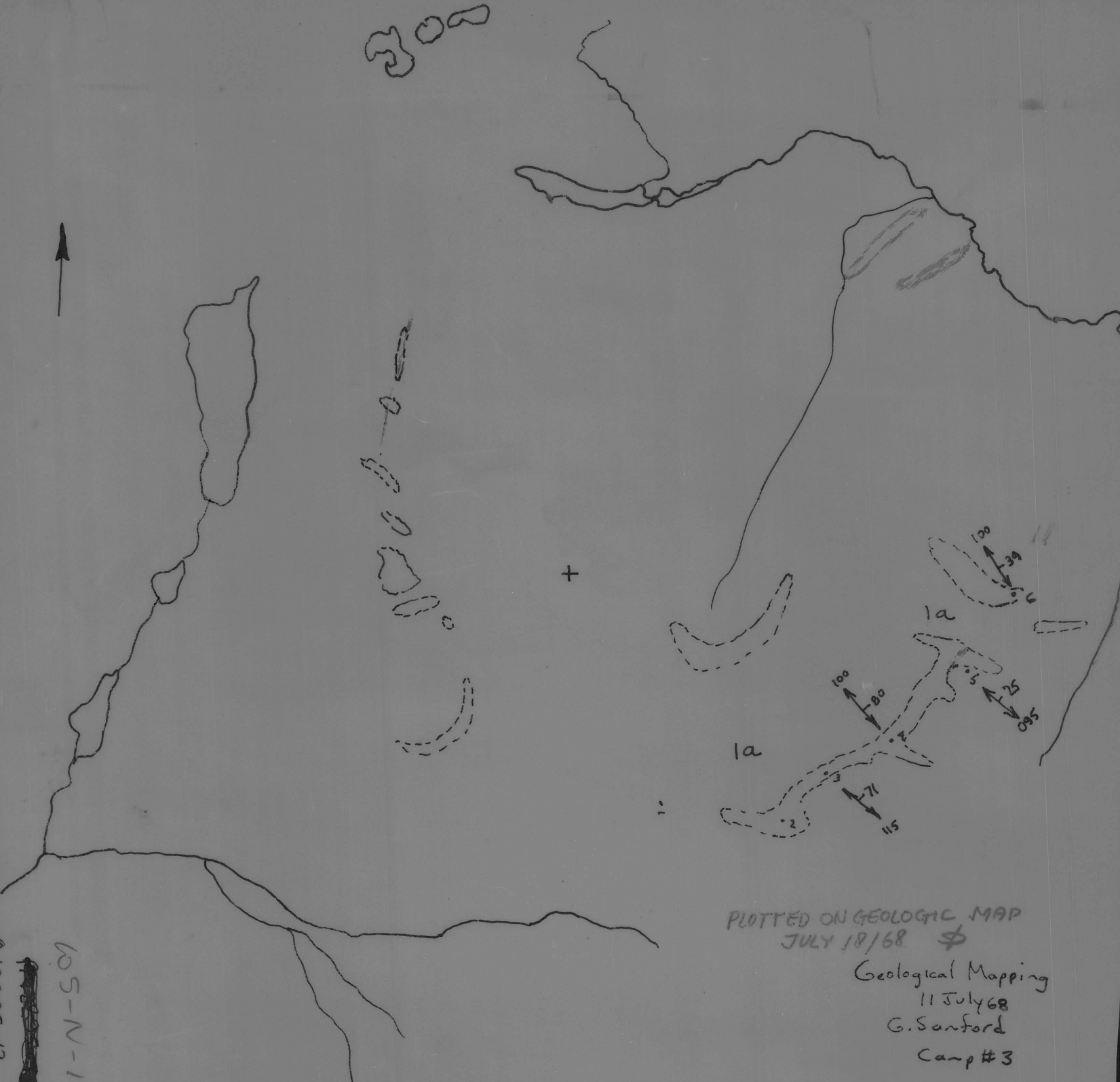
105-N-11  
608-5821A



Geological Mapping  
11 July 68  
G. Sanford  
Camp #3

PLOTTED ON GEOLOGIC MAP  
JULY 18/68





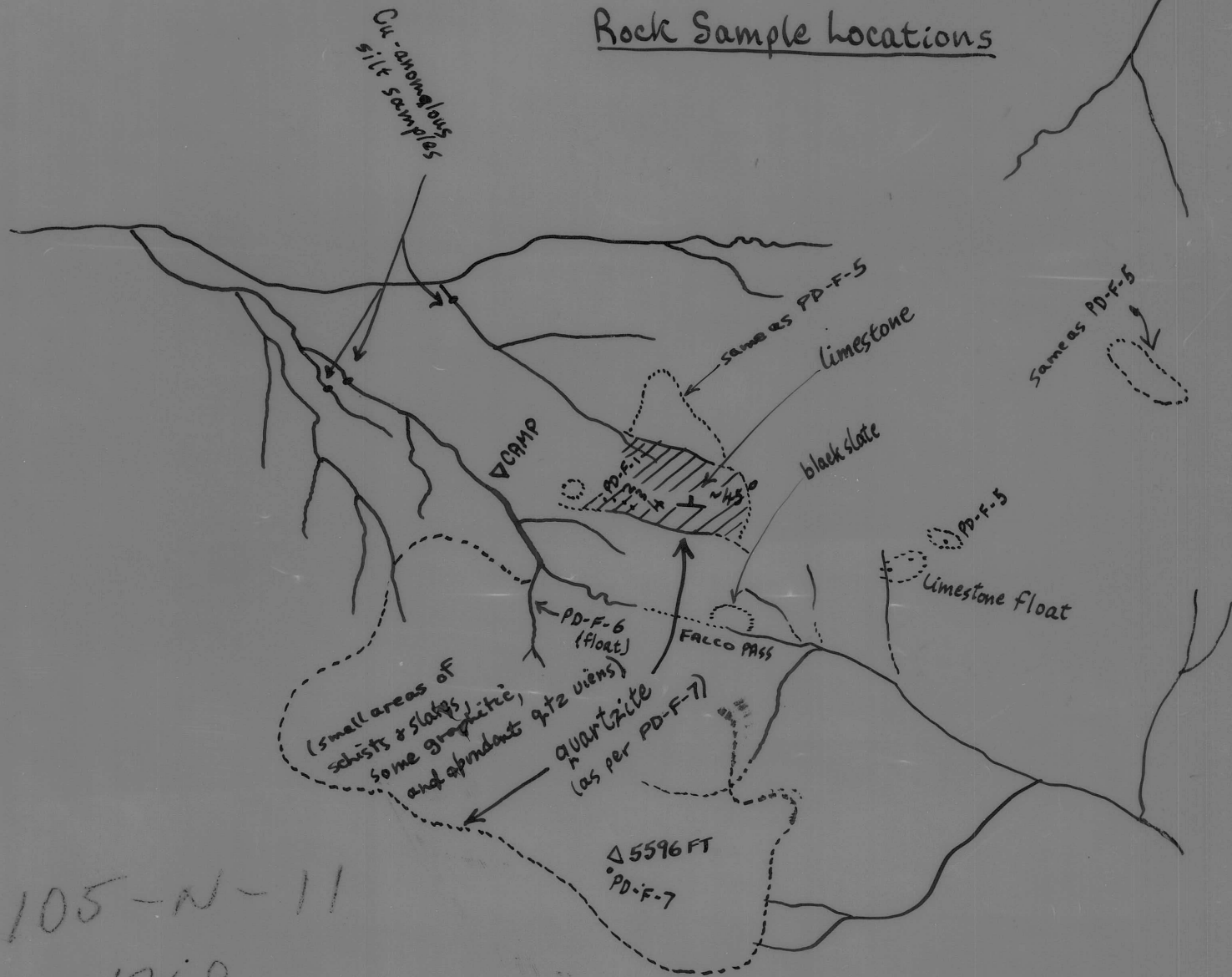
65-N-11

PLOTTED ON GEOLOGIC MAP  
JULY 18/68

Geological Mapping  
11 July 68  
G. Sanford  
Camp #3

# FALCO PASS

## Rock Sample Locations



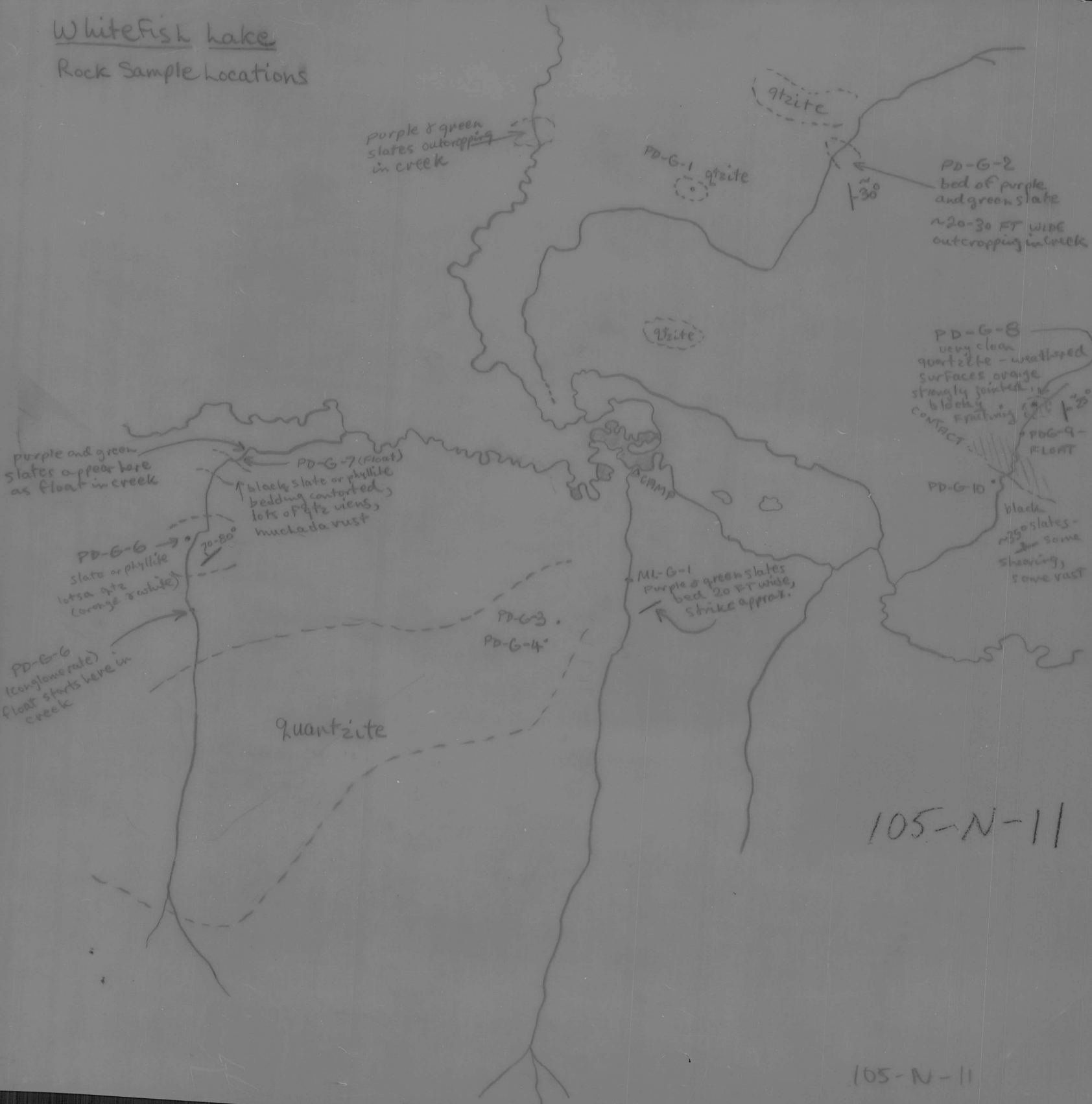
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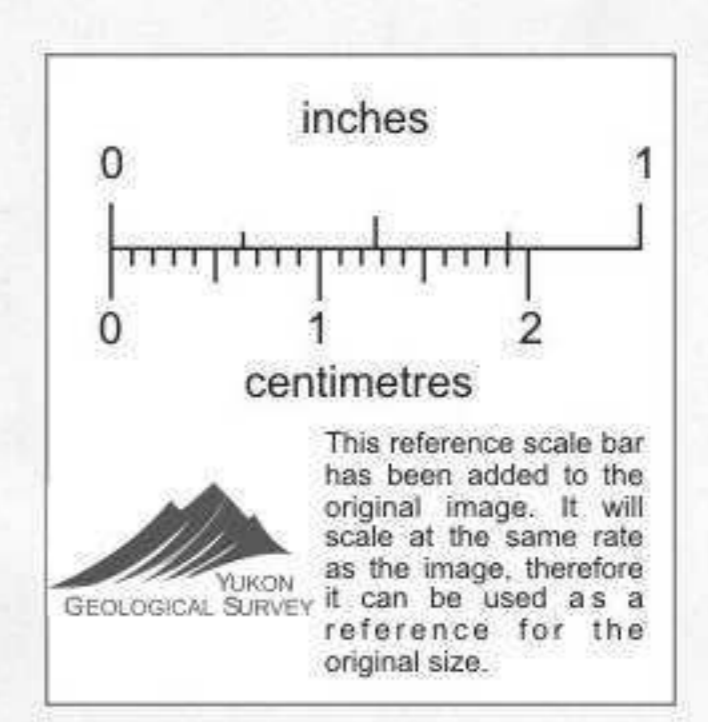
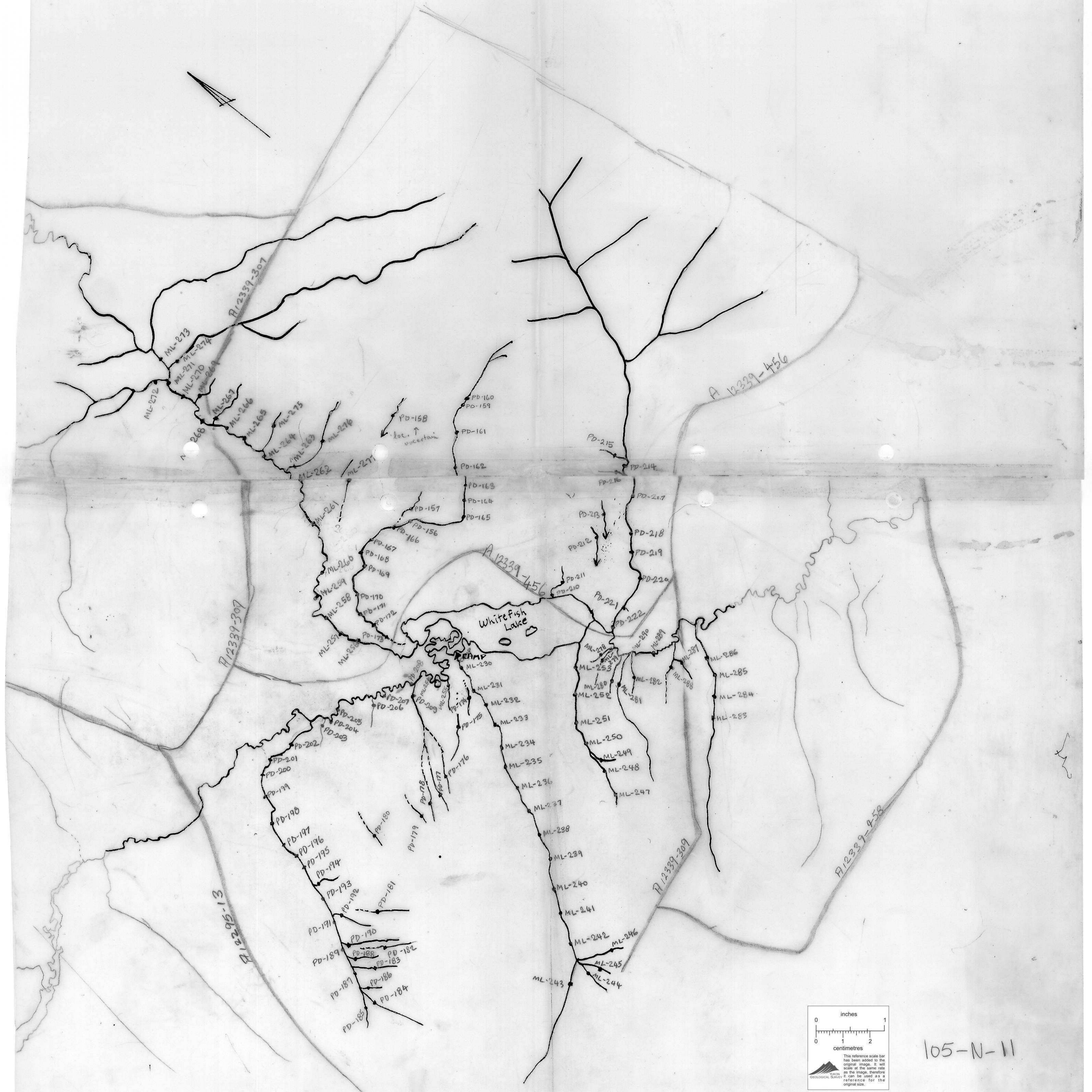
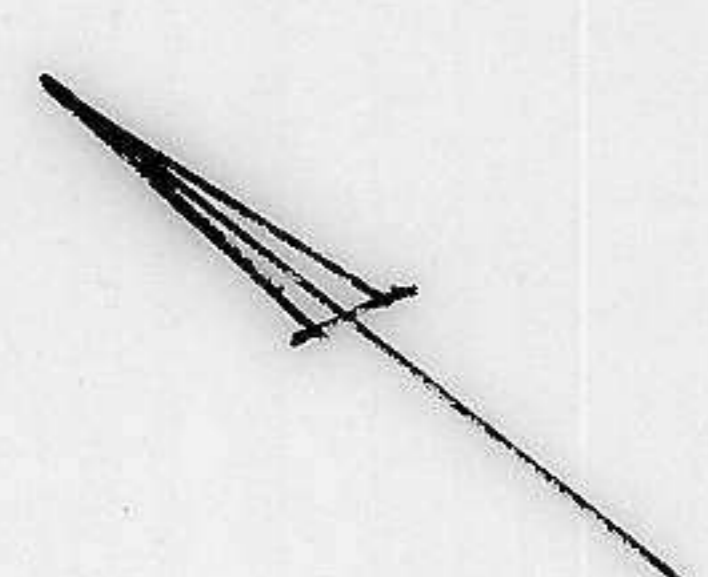
1968

P. Deau

# Whitefish lake

## Rock Sample Locations





105-N-11