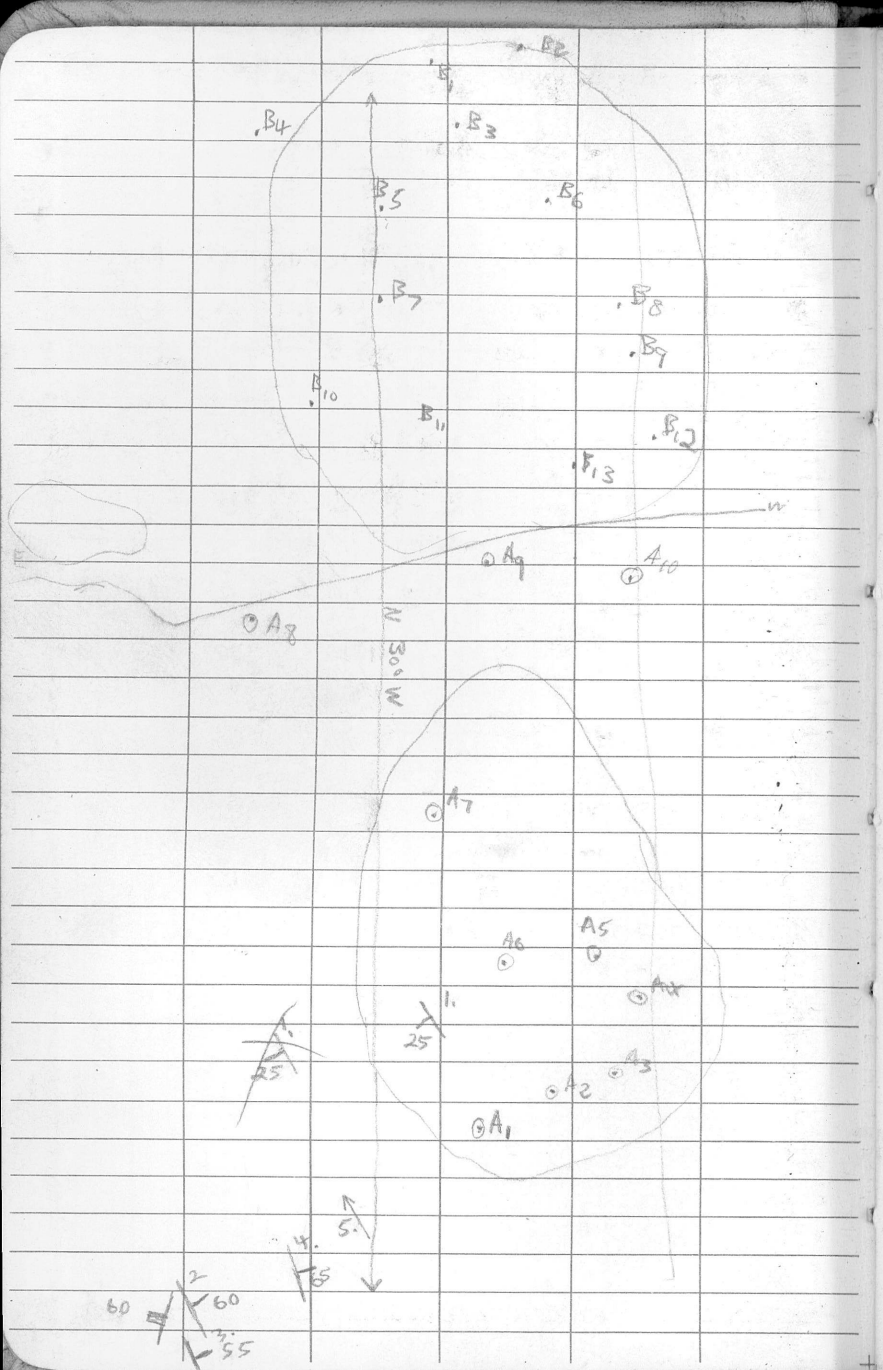
KIRKLAND
1968
018604



1. N 45° W 25° E Iron rich Congl.

2. N 40° W 60° W Slaty cleavage & slate
   N 25° E 60° E Fracture or original bedding.

3. N 38° W 55° W 3" thick gray slate.

4. N 32° W 65° W 1" thick slates some
   warping or very local folding.

5. N 45° W - Fold axis of anticline
   Thick bedded slates.
   10' west bedding dips west again.
   Intense folding over 50' feet.

S1 ½ mile up stream from camp.
S2 ¼ mile farther
S3 ¼ mile "
S4 }
S5 } bottom of glacial wall
S6 }
S7 }
S8 } ½ mile down stream from glacial wall.
   Spring depositing cone of iron.
S9 1 mile up creek
S10 ½ mile up creek - sparse vegitation
   ice ~~wedging~~ heaving.

B11 Slumped iron material with water
   seeping from scarp.

M.H. 1 N 15° W 400' W - argillaceous graphitic siltstone with some silica and lime. Outcrop located on top of south showing peak.

Field Notes

1968 Season

K. Kirkland

Traverses 1-8

Remainder of book - Geophysics Notes

May 20, 1968 Traverse 1K K. Kirkland

Traverse Eastward along North side of creek flowing past Lishy showing

△1 ~1,000' East of Camp
Exposure at sharp bend in creek
- mainly overburden but several good ocs of light to med grey phyllite - (graphitic phyllite)
1 good cleavage; 2 lineations

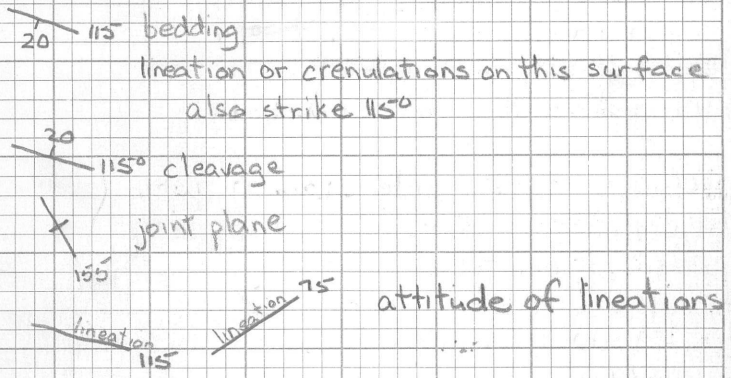
phyllite is thinly bedded (< ½") with minor Fe stain and dissem. f.g. pyrite jointing moderate
no mineralization observed
minor quartz veinlets (barren) < ¼" wide, these are discontinuous and cross-cut bedding and cleavage

no reaction to warm HCl Graphitic Phyllite

May 21/68 Traverse 2K

continuation of yesterdays traverse

△2 ~2000' (in straight line) East of Camp
Similar lithology to △1 but has abundant quartz, as veinlets, veins and pods minor pyrite ± chalcopyrite in some veins of quartz but none observed in phyllite
Phyllite is usually partly silicified near veins + pods Most commonly veins + veinlets are along bedding (cleavage?) plane, but often they are discordant to phyllite
Phyllite is rubbley weathering, quartz more resistant



- considerable Fe stain in quartz veins and along joints in phyllite Graphitic Phyllite

Some evidence of folding, as cleavage attitude can be seen curving in some places, fold axis ran ~ N-S but couldn't be measured well because of overburden

Attitudes vary considerably, strike remaining relatively constant, but dips changing considerably

Veins up to 2' wide, but most 2"-6", often pinching and swelling

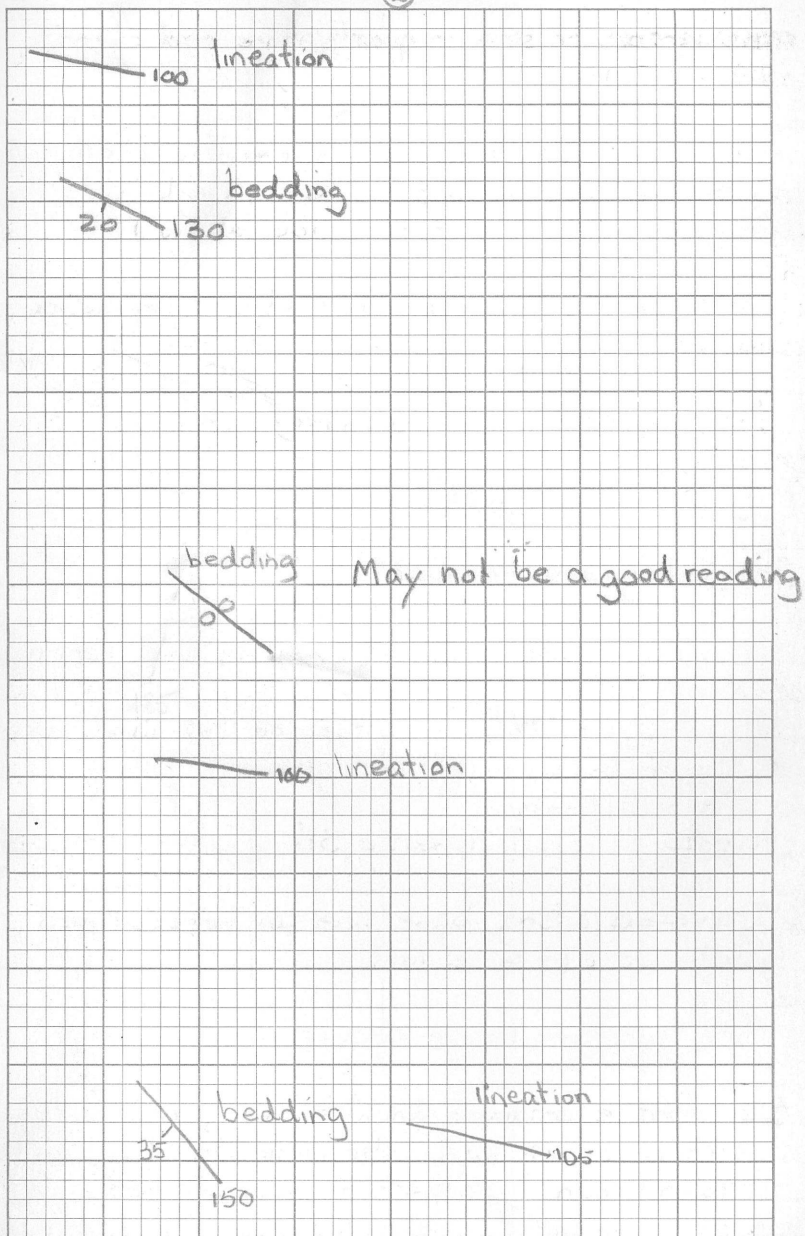
△3 ~200' N of Creek

o.c. of light-med. grey phyllite or platey dolomite Most blocks have moved, but from one block apparently still in place a bedding attitude of $\frac{140}{0}$ was taken The rock is thinly bedded, appears to be unmineralized with a well developed lineation

Lenses of quartz and calcite up to 4" wide are present along the bedding planes. Some pyrite was present (but minor) in these lenses. Small stringers of quartz often are present, cross-cutting bedding

little reaction to acid - a sericitic phyllite

△3a good exposure of thinly bedded phyllite with some barren quartz veins both concordant and discordant to bedding Fe stain common on quartz no mineralization observed in phyllite Weak to moderate lineation - barren quartz float common on west side of o.c.



in places many calcite veinlets are associated with the quartz pods Graphitic phyllite

△9: at △9 a large exposure of what appears to be phyllite occurs on the south bank of creek
Attitude approx. 065 20S (eyeballed in from 100' away)

Appeared to be quartz pods + lenses along bedding planes

May 22 Traverse along North side of creek flowing past Lishy Showing from camp westward to Fortin Lake

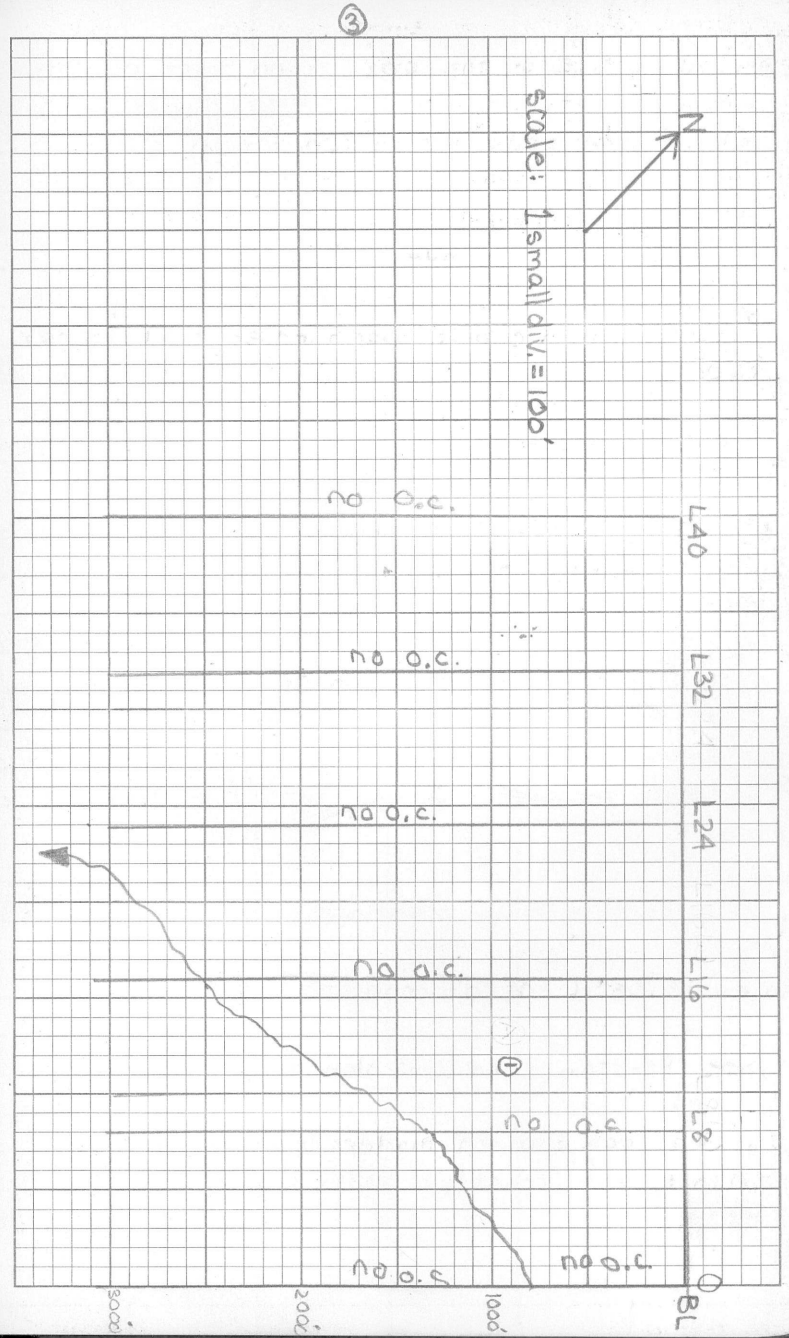
no o.c. present between camp and Fortin Lake

May 23 Traverse 3K

Traverse along base line and cross lines South-West of base line.

See diagram (page opposite)

① small pothole containing angular quartz fragments with some siderite (?) also some phyllitic fragments greyish green in colour + not much rounded



several potholes in the area contain these phyllitic fragments the nature of the rock would indicate it couldn't have been transported far by glacier

Traverse 4K

May 24 Traverse Northwestward along creek which crosses Bombardier trail approx 1,500' North of creek flowing past Lishy showing

No o.c. found along creek

This traverse was continued on the south side of the Lishy Creek.

△1-4K approx 100 yards south of Lishy showing

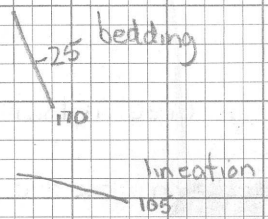
o.c. of medium grey laminated to thinly bedded phyllite or platey dolomite - sericitic phyllite
moderate to good lineation noted on bedding plane

no mineralization observed (no veins, pods etc)

no evidence of metamorphism

minor Fe-stain along joint planes

At camp, rock showed moderate reactivity to warm HCl so its probably a platey dolomite



Study of the Lishy Showing

Vein appears to strike 035°, dip ~40° W

mainly sphalerite with minor amts of galena closely related to quartz veining, in places forming a breccia texture with this dark dolomite

quartz and sphalerite form a stockwork through dolomite on east side of vein, but not schist on west side of vein - same silicification has occurred, mainly near vein margins

occasional quartz vein with minor sphalerite cuts schist (west of vein)

May 25, 1968 Traverse 5K

Traverse begins at junction of creek (flowing past Lishy Showing) and road

The traverse was continued along the road for approx. 3.5 miles with no o.c. observed.

from Creek + road jcn moving South

creek 1	180°	89 dble paces	
2	160°	175 " "	
3	185°	367 " "	← approx. location shown on photo
4	185°	522	
5	185°	560	
V6	150°	95	
V7	190°	365	
V8	155°	205	
V9	175°	175	
V10	190°	122	
V11	155°	313	
V12	180°	340	
V13	End of Traverse		

13-12 nothing

12-11 granite + volc boulders (well rounded), 1 piece of poorly rounded boxworked qtz, 1 piece phyllitic rk (light grey)
1 specimen (schistose-almost) rk

11-10 nothing

10-9 few granite boulders, some finer grained material but little has not been well rounded

9-8 few pebbles + cobbles of granite

8-7 granites (well rounded)

7-6 granite, barren qtz, dolomite ? (mod. well rounded) med-dark grey, unmineralized

May 26 Traverse 6K

along South side of Lishy Creek, eastward from camp at Lishy showing

△1-6K

o.c. of light to medium grey sericitic phyllite thinly bedded with quartz and calcite veins running along and sometimes slightly nonconformable to bedding - these veins are abundant (~25% of o.c.) pinch and swell and vary from $\frac{1}{2}$" to 8" in thickness - barren

Fe stain is common on the quartz and the bedding planes of the phyllite

2 specimens taken Phyllite or Sericitic Phyllite

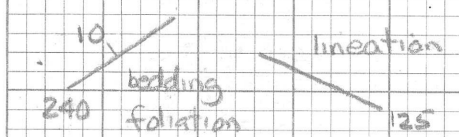
△2-6K

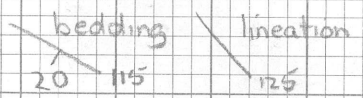
o.c. of light to med. grey, laminated to thinly bedded phyllitic rock

quartz veins and veinlets are moderately abundant (10-15% of o.c.) these are conformable or almost conformable to bedding planes

Fe stain is common on veins and bedding planes

veins pinch and swell, and vary from $\frac{1}{8}$" to 2" in width, sometimes giving a breccia texture to





the surrounding phyllitic rock

veins appear to be barren

2 specimens taken Phyllite

△2a-6K ~200 yds east of △2

same lithology as △2-6K attitude has changed somewhat

△2b-6K ~400 yds East of

attitude now 15° 120

May 27 Lishy showing

Schist on West side of exposure
light creamy yellow to brown in colour
some veinlets of qtz - usually slightly discord. to fol'n
some copper stain minor galena

mineralization sparse, most common in quartz veins (chalcopyrite, galena) but occasional galena cube in the schist

near top of a.c. a drusy quartz vein crosscuts schistosity - galena, sphalerite, chalcopyrite, covellite present - in some places, appreciable sphalerite, but not very common - galena and

bedding 090
35

bedding
15 120

095 schistosity
25

sphalerite are main minerals in drusy vein (1-2% overall) but chalcopyrite is main mineral in solid qtz veins ($\frac{1}{2}$-1%)

Traverse 7K

June 1 with B. Findlay - to ridge approx. 3 mile southeast of camp at Lishy Showing

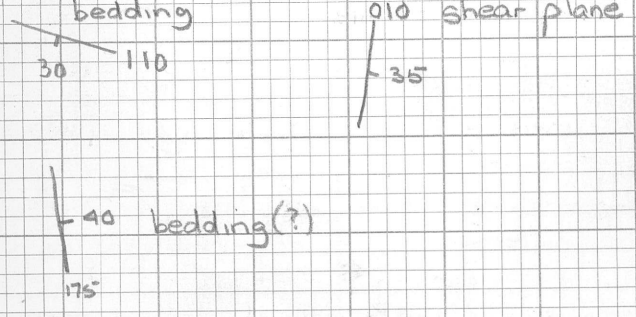
1 piece of float (?) picked up near Δ1-7K taken as specimen

Δ1-7K a.c. of med to dark grey argillaceous to slightly phyllitic rock - laminated to thinly bedded no apparent mineralization
very few veinlets of quartz, generally concordant

a well developed plane is present - probably a shear plane

another plane of bedding (?) [some banding] has attitude $\frac{175°}{40E}$ - this was difficult to see over any distance - if bedding then $\frac{110}{30S}$ is foliation

3 specimens, 1_2-7K with bedding (?) color banding
2 Phyllite, 1, may be argillite
weathers to grey-brown
some distortion of foliation-bedding (?) between



shear planes

another plane at 110/30S occurs in rock between two shear planes

20 yards west of △1, another small oc. of med. grey phyllite - good foliation - thinly to moderate thickness of foliae.

attitude much changed, may have moved, but we couldn't see it

some orange stain indicating sulphides, but some observed in specimens - stain was minor only in one small area

1 specimen taken 1a-7K orange stain prominent Phyllite

△2-7K another o.c. of dark grey, thinly foliated (bedded) phyllite - similar to △1-7K - no attitude since rock has definitely slumped somewhat no mineralization, quartz veins, etc.

1 specimen 2-7K Phyllite

△3-7K more phyllite similar to △1 and △2 no sign of mineralization - no attitude taken because rock had moved

2 specimens 3_1-7K, 3_2-7K Phyllite

10/035 - fol'n - bedding May have slumped

specimens 3_1-7K, 3_2-7K show minor banding, possibly same banding as noted at △1

Note a large no. of fragments and large pieces (possibly o.c.) of a medium grey quartzite - in places cross-fractures quartz stringers in fractures - no evident mineralization

This quartzite occurs on south slope of main ridge, just below crest

2 specimens taken

△4-7K grey quartzite with minor quartz veining no mineralization observed

o.c. consists of many rounded surfaces

△5-7K

200 yds west of △4 is a large bluff of massive quartzite light grey-buff on a weathered surface, grey on fresh surface

many quartz veinlets crisscross o.c. - what appears to be cross bedding was observed

no mineralization was observed

stringers and blebs of calcite were present, up to 2' as max. dimension very irregular

quartz stringers are generally very irregular and form almost a stockwork in some places, but on the western end of the o.c. most had an orientation of 140 75E up to ½" wide

← this is very similar to quartzite found at △4-7K and △5-7K

0.10 cross-bedding (?)

35/

quartz veins

75 / 140

below quartzite is a sequence of quartzose to phyllitic rocks with attitude $\frac{65}{65}$

some local evidence of deformation

2 samples of bedded phyllite (5_1-7K, 5_2-7K)

these are well bedded with many irregular dolomite veins cross-cutting

the composition of these phyllitic rocks varies from phyllite to graphitic phyllite

June 3 Traverse 8K with B. Findlay

On ridge southeast of camp, traverse begins on knob at south end of ridge

△1-8K o.c. just below △5-7K

o.c. of well bedded medium to dark grey phyllitic or graphitic phyllite

bedding appears to be primary - beds range from laminae to thin beds less than 1" thick these weather med. grey to buff

one thicker bed (almost 2" wide) is more

bedding of phyllite

65
60

bedding
20
120

siliceous, weathers buff to brown, and contains minor pyrite (± chalcopyrite) total sulphides $< \frac{1}{2}\%$

some of the thin beds also show brown color similar to siliceous, sulphide bearing rock, but no mineralization was observed in these layers
the grey beds showed no mineralization

3 samples - 1 of phyllite, 2 of siliceous layer (1 showing pyrite + chalcopyrite)

calcite + dolomite stringers $< \frac{1}{2}$" wide cross-cut bedding - several orientations but one prominent

1a-8K 200' south of ⚠1

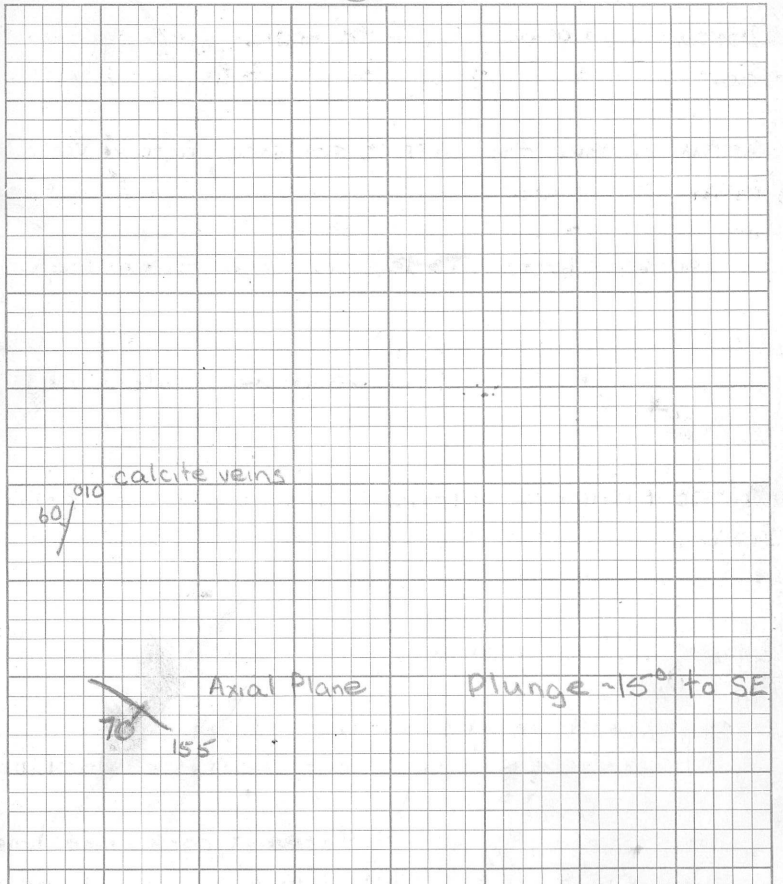
o.c. of thin to med. bedded sequence of limestone, calcareous argillite and quartzose sandstone

mainly limey, med. grey argillaceous rock and limestone in beds to 8" thick - the argillite is mainly present as thin interbeds in limestone

a single quartzose ss. bed 6" wide was observed in the o.c.

The argillaceous beds often contain fragments of limestone (less than 1" in size - angular)

the o.c. shows gentle concentric folding of all beds fold trends NW-SE and plunges



approx. 15° to SE

extensive calcite and dolomite veining cross-cuts all lithologies - attitudes are highly variable

4 samples taken ls, ss, argillite, breccia texture

appears to represent a shallow water (lagoonal type) environment - breccia texture, ss argillite could represent back reef muds with occasional ls. slumps

continuing southward along side of hill, o.c. was common - mainly phyllite (as described previously) the upper part of the hill consisted of med. grey quartz ss and a light buff rock of unknown composition [little or no fizz, H = 3½-4, brittle] Dolomite

2 specimens - 1 of unknown, 1 of quartz ss labelled 1b-8K

no attitude on these rocks but by position of o.c. strike appears to be E-W (roughly), dip gentle to south

exposure is good on the west side of this knob poor on south slope

specimen taken of rock roughly similar to host rock at Pay - 1 specimen taken - also 1b-8K

at Southern end of ridge rock is poorly exposed but most common lithology is a f.g. rock same as unknown noted at last page
2 specimens 1c,-8K, 1c$_2$-8K Dolomite

some o.c(?) of rock similar to Pay host rock found on crest of ridge trending NW from main ridge
- surrounded by moss, but appears to be o.c.

- much quartz veining and considerable stain
- a black unidentified mineral in quartz
no apparent mineralization
2 specimens taken - marked as 2-8K

more, apparent o.c. of this brecciated quartz veined rock was found further NW on ridge
still no mineralization -

some float of quartz s.s. w.th pyrite ± chalco only minor float - this occurred on Northwestern most part of the ridge

June 5 — Traverse 9K

Walking out North-East quadrant of grid

L40NE	no o.c. few quartz fragments in potholes - quartz was barren	
L40N (30+00E) to L32N (30+00E)	no outcrop	
L32NE	approx 50' E of 2850' pothole containing quartz and phyllitic fragments - phyllite doesn't appear to have travelled far	
no o.c. on line 32NE		
L24NE	no o.c. on line	potholes contain only rounded quartz and granitic float
L24N (30+00E) to L16N (30+00E)	no o.c.	
L16N	no o.c. on line	erratics, few quartz fragments
L8N	no o.c. on line	
L0	no o.c. on line	

MAGNETOMETER SURVEY. OPERATOR: N. NEWSOM.

PROPERTY: PHIL GROUP INST: JAYLANDER No. 7264

DATE: JUNE 5/68 Weather: cool cloudy.

STN.	TIME	RDG.	RANGE	GAMMAS	S. CORR.	D. CORR.	T. CORR.	Final Value	Notes
BL 0+00	1:50	180	1	1800		+0	0	1800	FLAT & MARSHY
" 1+00N	1:51	175		1750		0	0	1750	
" 2+00N	1:52	186		1860		0	0	1860	
" 3+00N	1:52½	177		1770		0	0	1770	
" 4+00N	1:53	181		1810		0	0	1810	
" 5+00N	1:54	180		1800		0	0	1800	
" 6+00N	1:55	185		1850		-1	-1	1840	
BL 7 N	1:56	183		1830		-1	-1	1820	
8 N	1:57½	182		1820		-1	-1	1810	
9 N	1:58	186		1860		-1	-1	1850	
10 N	1:59	186		1860		-1	-1	1850	
11 N	2:00	190		1900		-1	-1	1890	
12 N	2:01	189		1890		-2	-2	1870	
13 N	2:02	190		1900		-2	-2	1880	
14 N	2:04	189		1890		-2	-2	1870	HILL (SLOPING S.W)
15 N	2:05	190		1900		-2	-2	1880	
16 N	2:06	190		1900		-2	-2	1880	
17 N	2:07	191		1910		-2	-2	1890	FLAT
18 N	2:08	190		1900		-3	-3	1870	
19 N	2:09	190		1900		-3	-3	1870	
20 N	2:10	186		1860		-3	-3	1830	
21 N	2:11	190		1900		-3	-3	1870	
22 N	2:12	195		1950		-3	-3	1920	SMALL RISE (PROBABLE OUTCROP)
23 N	2:13	193		1930		-3	-3	1900	
24 N	2:15	190		1900		-4	-4	1860	SIDE OF RISE (SLOPING SE)
25 N	2:16	185		1850		-4	-4	1810	
26 N	2:18	194		1940		-4	-4	1900	
27 N	2:19	194		1940		-4	-4	1900	
28 N	2:20	186		1860		-4	-4	1820	
29 N	2:21	189		1890		-4	-4	1850	FLAT

STN	TIME	RDG	RANGE	GAMMAS	S. CORR.	D. CORR	T. CORR	Final Value	Notes.
BL 30 N	2:23	190	1	1900		-5	-5	1850	FLAT
31 N	2:25	190		1900		-5	-5	1850	
32 N	2:26	185		1850		-5	-5	1800	
33 N	2:27½	184		1840		-5	-5	1790	
34 N	2:29	182		1820		-5	-5	1770	↓ HILL
35 N	2:30	188		1880		-5	-5	1830	↑
36 N	2:31	189		1890		-6	-6	1830	
37 N	2:32	185		1850		-6	-6	1790	SIDE OF HILL
38 N	2:33	186		1860		-6	-6	1800	(SLOPING NE)
39 N	2:34	181		1810		-6	-6	1750	DEPRESSION IN
40 N	2:35	184		1840		-6	-6	1780	HILL
↓ 0+00 N	2:53	189	↓	1890					

Magnetometer - June 6/68
N. Newsom. - cool, cloudy
Phil Group - Jaylander.

STN	TIME	RDG	RANGE	GAMMAS	S. CORR.	DIR. CORR	TOTAL CORR.	FINAL VALUE	Notes
BL. 40+00 N.	10:02	199	1	1990	-21	0	-21	1780	HILL (SLOPING NE)
40N 100 E	10:03	201		2010	-21	0	-21	1800	
2E	10:04	199		1990	-21	0	-21	1780	HILL (SLOPING SW)
3E	10:05	206		2060	-21	0	-21	1850	HILL (SLOPING NE)
4E	10:06	201		2010	-21	0	-21	1800	CREEK & MARSH
5E	10:07	202		2020	-21	0	-21	1810	
6E	10:08	200		2000	-21	0	-21	1790	FLAT
7E	10:09	201		2010	-21	0	-21	1800	
8E	10:10	202		2020	-21	0	-21	1810	
9E	10:10½	196		1960	-21	0	-21	1750	
10E	10:11	200		2000	-21	0	-21	1790	
11E	10:12	200		2000	-21	0	-21	1790	
12E	10:13	196		1960	-21	0	-21	1750	
↓ 13E	10:14	197	↓	1970	-21	+1	-20	1770	

STN.	TIME	RDG.	RANGE	GAMMAS.	S CORR.	D. CORR	T. CORR	Final Value	Notes
40N, 14+00E	10:15	198	1	1980	-21				
15E	10:16	198		1980		+1	-20	1780	FLAT
16E	10:17	197		1970		+1	-20	1780	
17E	10:17½	195		1950		+1	-20	1770	
18E	10:18	193		1930		+1	-20	1750	
19E	10:19	195		1950		+1	-20	1730	
20E	10:20	203		2030		+1	-20	1750	MARSHY FLAT
21E	10:21	197		1970		+1	-20	1830	
22E	10:22	195		1950		+1	-20	1770	
23E	10:23	195		1950		+1	-20	1750	MARSHY FLAT
24E	10:24	194		1940	-21	+1	-20	1750	
25E	10:25	194		1940		+1	-20	1740	
26E	10:26	196		1960		+1	-20	1740	ROAD FLAT
27E	10:27	197		1970		+2	-19	1770	
28E	10:27½	189		1890		+2	-19	1780	
29E	10:28	194		1940		+2	-19	1700	
30E	10:30	204		2040		+2	-19	1750	
32N, 30+00E	10:35	196		1960		+2	-19	1850	
29E	10:35½	196		1960		+2	-19	1770	
28E	10:36	195		1950		+2	-19	1770	
27E	10:37	194		1940		+2	-19	1760	MARSHY
26E	10:38	200		2000		+2	-19	1750	
25E	10:39	198		1980	-21	+3	-18	1820	CREEK - ROAD FLAT
24E	10:39½	197		1970		+3	-18	1800	
23E	10:40	197		1970		+3	-18	1790	
22E	10:41	191		1910		+3	-18	1790	MARSHY FLAT
21E	10:42	189		1890		+3	-18	1730	
20E	10:42½	198		1980		+3	-18	1710	
19E	10:43	194		1940		+3	-18	1800	
18E	10:44	200		2000		+3	-18	1760	
17E	10:45	195		1950		+3	-18	1820	
16E	10:46	195		1950		+3	-18	1770	MARSHY FLAT
15E	10:47	196		1960	-21	+3	-18	1770	
						+3	-18	1780	

June 6/68

STN.	TIME	RDG	RANGE	GAMMAS.	S CORR.
5 2N, 14+00 E	10:47½	200	1	2000	-21
13 E	10:48	193		1930	
12 E	10:49	194		1940	
11 E	10:50	195		1950	
10 E	10:51	197		1970	
9 E	10:52	196		1960	
8 E	10:53	195		1950	
7 E	10:54	200		2000	
6 E	10:55	195		1950	
5 E	10:55½	194		1940	
4 E	10:57	195		1950	
3 E	10:58	194		1940	
2 E	10:58½	194		1940	
1 E	10:59	194		1940	
BL. 0	10:60	194		1940	-21
	11:03	194		1940	
BL-40+00 N.	11:18	194		1940	-16
4 0N 1+00W	11:19	194		1940	-16
2W	11:20	194		1940	-16
3W	11:21	194		1940	
4W	11:22	191		1910	
5W	11:22½	190		1900	
6W	11:23	191		1910	
7W	11:24	191		1910	
8W	11:24½	189		1890	
9W	11:25	191		1910	
10W	11:26	190		1910	
11W	11:27	187		1870	
12W	11:28	190		1000	
13W	11:29	189		1890	
14W	11:29½	189		1890	
15W	11:30	189		1890	
16W	11:31	189		1890	
17W	11:32	188		1880	

D.CORR	T.CORR.	Final Value
+3	-18	1820
+3	-18	1750
+3	-18	1760
+4	-17	1780
+4	-17	1800
+4	-17	1790
+4	-17	1780
+4	-17	1830
+4	-17	1780
+4	-17	1770
+4	-17	1780
+4	-17	1770
+4	-17	1770
+4	-17	1770
+4	-17	1770
+5	-16	1760
0	-16	1780
		1780
	-16	1780
		1780
0		1750
		1740
		1750
		1750
	-16	1730
	-16	1750
		1750
0		1710
		1740
		1730
		1730
		1730
		1730
0	-16	1720

Notes June 6/68

FLAT

CREEK

SMALL RISE (SLOPING NE)

(SLOPING SW)

FLAT

HILL (SLOPING NE)

HILL (SLOPING SW)

FLAT

PEAK OF SMALL RISE

PEAK OF SMALL RISE

FLAT

MARSHY FLAT

STN.	TIME	RDG	RANGE	GAMMAS	S. CORR	D. CORR	T. CORR	FINAL VALUE	NOTES
40N 18W	11:32½	186	1	1860	-16	0	-16	1700	FLAT
19W	11:33	185		1850				1690	
20W	11:34	186		1860				1700	
21W	11:35	183		1830				1670	
22W	11:36	187		1870				1710	HILL (SLOPING SW)
23W	11:37	188		1880				1720	FLAT
24W	11:37½	186		1860				1700	
25W	11:38	182		1820				1660	
26W	11:39	184		1840	-16	0	-16	1680	
27W	11:40	185		1850				1690	DEPRESSION - MARSHY
28W	11:41	184		1840				1680	
29W	11:42	186		1860				1700	FLAT
30W	11:43	187		1870				1710	
32N 30+00W	11:47	185		1850				1690	
29W	11:48	189		1890				1730	
28W	11:48½	190		1900				1740	MARSHY
27W	11:49	190		1900				1740	HILL (SLOPING SW)
26W	11:50	181		1810				1650	
25W	11:51	190		1900				1740	FLAT
24W	11:52	184		1840	-16	-1	-17	1670	
23W	11:53	193		1930				1760	
22W	11:54	189		1890				1720	
21W	11:55	186		1860				1690	
20W	11:55½	190		1900				1730	MARSHY
19W	11:56	190		1900				1730	
18W	11:57	190		1900				1730	FLAT
17W	11:58	190		1900				1730	
16W	11:59	187		1870				1700	
15W	12:00	192		1920				1750	
14W	12:01	189		1890				1720	
13W	12:02	191		1910				1740	
12W	12:03	191		1910				1740	
11W	12:04	191		1910	-16	-1	-17	1740	

STN	TIME	RDG	RANGE	GAMMAS	SCORR	DCORR	TCORR	FINAL VALUE	NOTES
32N 10W	12:05	198	1	1980	-16	-1	-17	1810	FLAT
9W	12:05½	197		1970				1800	
8W	12:06	191		1910				1740	
7W	12:07	191		1910				1740	
6W	12:07½	192		1920				1750	
5W	12:08	190		1900				1730	
4W	12:09	194		1940				1770	
3W	12:10½	196		1960				1790	
2W	12:11	200		2000				1830	HILL (SLOPING SW)
1W	12:12	194		1940				1770	FLAT
0W	12:13	193		1930				1760	
BL 40S 100N	12:18	195		1950	-16	-1	-17	1780	
BL 24S 100N	1:18	195		1950	-9	0	-9	1860	HILL (SLOPING SW)
24N 100E	1:19	195		1950	-9	0	-9	1860	FLAT
2E	1:20	195		1950	-9	0	-9	1860	
3E	1:20½	194		1940		0	-9	1850	
4E	1:21	194		1940		0	-9	1850	
5E	1:22	194		1940		0	-9	1850	MARSHY
6E	1:22⅓	195		1950		0	-9	1860	FLAT
7E	1:23	195		1950		0	-9	1860	CREEK
8E	1:24	194		1940		0	-9	1850	
9E	1:25	195		1950		0	-9	1860	MARSHY
10E	1:26	196		1960	-9	0	-9	1870	
11E	1:27	196		1960		0	-9	1870	FLAT
12E	1:27½	197		1970		0	-9	1880	
13E	1:28	196		1960		0	-9	1870	
14E	1:29	196		1960		0	-9	1870	
15E	1:30	194		1940		-1	-10	1840	MARSHY
16E	1:30½	194		1940		-1	-10	1840	
17E	1:31	196		1960		-1	-10	1860	FLAT
18E	1:32	194		1940		-1	-10	1840	
19E	1:32½	197		1970		-1	-10	1870	
20E	1:33	196		1960	-9	-1	-10	1860	

STN	TIME	ROC	RANGE	GAMMAS	SCORE	D CORR	T. CORR	FINAL RESULT	NOTES
								(22)	
24N 21E	1:39	197		1970	-9	-1	-10	1870	FLAT
22E	1:39½	200		2000		-1	-10	1900	
23E	1:40	200		2000		-1	-10	1900	
24E	1:41	196		1960		-1	-10	1860	
25E	1:42	200		2000		-2	-11	1890	
26E	1:42½	198		1980		-2	-11	1870	ROAD
27E	1:43	198		1980		-2	-11	1870	
28E	1:44	196		1960		-2	-11	1850	
29E	1:44½	198		1980		-2	-11	1870	
30E	1:45	200		2000		-2	-11	1890	
116N 30.00E	1:51	203		2030	-9	-2	-11	1920	
29E	1:52	200		2000		-2	-11	1890	
28E	1:53	200		2000		-2	-11	1890	
27E	1:54	200		2000		-3	-12	1880	
26E	1:54½	200		2000		-3	-12	1880	ROAD
25E	1:55	195		1950		-3	-12	1830	
24E	1:56	200		2000		-3	-12	1880	
23E	1:57	199		1990		-3	-12	1870	
22E	1:58	202		2020		-3	-12	1900	
21E	1:59	195		1950	-9	-3	-12	1830	
20E	1:59½	200		2000		-3	-12	1880	
19E	2:00	196		1960		-3	-12	1840	
18E	2:01	197		1970		-3	-12	1850	
17E	2:02	201		2010		-3	-12	1890	
16E	2:03	201		2010		-3	-12	1890	MARSHY
15E	2:03½	199		1990		-3	-12	1870	FLAT
14E	2:04	206		2060		-3	-12	1940	
13E	2:05	200		2000		-3	-12	1880	
12E	2:06	201		2010		-4	-13	1880	MARSHY
11E	2:07	200		2000		-4	-13	1870	
10E	2:08	199		1990		-4	-13	1860	FLAT
9E	2:09	200		2000		-4	-13	1870	
8E	2:10	199		1990		-4	-13	1860	CREEK
7E	2:11	202		2020		-4	-13	1890	FLAT
6E	2:12	199		1990		-4	-13	1860	MARSHY
5E	2:13	196		1960	-9	-4	-13	1830	
4E	2:14	198		1980	-9	-4	-13	1850	FLAT

STN	TIME	ROC	RANGE	GAMMAS	S. CORR	D. CORR	T. CORR	FINAL RESULT
16N 3E	2:15	200	1	2000	-9	-4	-13	1870
2E	2:16	195		1950	-9	-4	-13	1820
1E	2:17	196		1960	-9	-4	-13	1830
∨ 0E	2:18	194		1940	-9	-5	-14	1800
	2:21	200		2000	-9	-5	-14	1860
24+00 N	2:37	199		1990	-13	-0	-13	1860
24N 11+00W	2:38	190		1900	-13	0	-13	1770
2W	2:39	195		1950	-13	0	-13	1820
3W	2:40	195		1950	-13	0	-13	1820
4W	2:40½	190		1900	-13	0	-13	1770
5W	2:41	191		1910	-13	0	-13	1780
6W	2:42	196		1960	-13	0	-13	1830
7W	2:43	191		1910	-13	0	-13	1780
8W	2:43½	190		1910	-13	0	-13	1780
9W	2:44	191		1910	-13	0	-13	1780
10W	2:45	191		1910	-13	0	-13	1780
11W	2:45½	189		1890	-13	0	-13	1760
12W	2:46	189		1890	-13	0	-13	1760
13W	2:47	191		1910	-13	0	-13	1780
14W	2:47½	190		1900	-13	0	-13	1770
15W	2:48	190		1900	-	0	-13	1770
16W	2:49	191		1910		0	-13	1780
17W	2:50	192		1920		0	-13	1790
18W	2:50½	190		1920		0	-13	1790
19W	2:51	190		1900		0	-13	1770
20W	2:52	190		1900		-1	-14	1760
21W	2:52½	191		1910		-1	-14	1770
22W	2:53	192		1920		-1	-14	1780
23W	2:54	190		1900		-1	-14	1760
24W	2:55	188		1880		-1	-14	1740
25W	2:56	188		1880		-1	-14	1740
26W	2:57	187		1870		-1	-14	1730
27W	2:58	191		1910		-1	-14	1770
∨ 28W	2:59	188	∨	1880	-13	-1	-14	1740

NOTES

HILL (SLOPING NE)

HILL (SLOPING SW)

FLAT

SLIGHT SLOPE @ (5W)

FLAT

STN	TIME	RDG.	RANGE	GAMMAS	S. CORR	D. CORR	T. CORR	FINAL RESULT
24N 29W	3:00	185	1	1850	-13	-1	-14	1710
30W	3:01	188		1880		-1	-14	1740
16N 30+00W	CREEK IN WAY							
29W	3:09	185		1850		-2	-15	1700
28W	3:10	185		1850		-2	-15	1700
27W	3:10½	185		1850		-2	-15	1700
26W	CREEK IN WAY							
25W	3:13	186		1860		-2	-15	1710
24W	3:14	191		1910		-2	-15	1760
23W	3:15	189		1890	-13	-2	-15	1740
22W	3:15½	190		1900		-2	-15	1750
21W	3:16	189		1890		-2	-15	1740
20	3:17	190		1900		-2	-15	1750
19W	3:19	191		1910		-2	-15	1760
18W	3:20	194		1940		-2	-15	1790
17W	3:21	194		1940		-2	-15	1790
16W	3:22	194		1940		-3	-16	1780
15W	3:23	193		1930		-3	-16	1770
14W	3:24	195		1950		-3	-16	1790
13W	3:25	197		1970	-13	-3	-16	1810
12W	3:26	195		1950		-3	-16	1790
11W	3:27	196		1960		-3	-16	1800
10W	3:28	195		1950		-3	-16	1790
9W	3:29	199		1990		-3	-16	1830
8W	3:30	196		1960		-3	-16	1800
7W	3:31	199		1990		-3	-16	1830
6W	3:32	196		1960		-3	-16	1800
5W	3:33	200		2000		-3	-16	1840
4W	3:34	200		2000		-3	-16	1840
3W	3:35	200		2000		-3	-16	1840
2W	3:35½	200		2000		-3	-16	1840
1W	3:36	204		2040		-3	-16	1880
0W	3:37	203		2030		-4	-17	1860
24+00N	3:43	203		2030	-13	-4	-17	1860

NOTES

FLAT

RIVER

10' HILL (SW)

RIVER (10' TO W)

SLIGHT RISE (SLOPING SW)

FLAT

MAGNETOMETER SURVEY. OPERATOR: N. NEWSOM.

PROPERTY: PHIL GROUP. INST: JAYLANDER. - 7264

DATE: June 8/68 WEATHER: Clear - warm.

STN.	TIME	R.DG.	RANGE	GAMMAS.	S. CORR.	D. CORR.	Total CORR.	Final Value	Notes
B.L. 8+00N	9:32	197	1	1970	-16	0	-16	1810	- flat
L.8N 1+00E	9:33	211		2110	-16	0	-16	1950	
2E	9:35	208		2080		0	-16	1920	
3E	9:37	204		2040		0	-16	1880	- creek: 3+50
4E	9:38	208		2080		0	-16	1920	
5E	9:39	206		2060		0	-16	1900	
6E	9:40	207		2070		0	-16	1910	- west side 20° ridge
7E	9:41	212		2120		0	-16	1960	- top of ridge
8E	9:42	207		2070		0	-16	1910	- east side 12° ridge
9E	9:43	208		2080		0	-16	1920	- flat.
10E	9:44	210		2100	-16	0	-16	1940	- creek 10+75
11E	9:45	224		2240		0	-16	2080	
12E	9:47	212		2120		0	-16	1960	
13E	9:48	210		2100		0	-16	1940	- flat
14E	9:49	204		2040		0	-16	1880	
15E	9:50	210		2100		0	-16	1940	
16E	9:51	210		2100		0	-16	1940	
17E	9:52	206		2060		0	-16	1900	
18E	9:53	199		1990	-16	0	-16	1830	- slight west slope
19E	9:54	205		2050		0	-16	1890	
20E	9:55	206		2060		0	-16	1900	
21E	9:56	210		2100		0	-16	1940	
22E	9:57	202		2020		0	-16	1860	
23E	9:58	202		2020		0	-16	1860	
24E	9:59	203		2030		+1	-15	1880	
25E	10:00	210		2100		+1	-15	1950	
26E	10:01½	205		2050		+1	-15	1900	
27E	10:01	200		2000		+1	-15	1850	
28E	10:02	201		2070	-16	+1	-15	1920	

STN.	TIME	R.D.G.	RANGE	GAMMAS	S. CORR.
L8 N. 29+00 E	10:03	205	1	2050	-16
30 E	10:04	201		2010	
L0. 30+00 E	10:20	198		1980	
29 E	10:21	194		1940	
28 E	10:22	191		1910	
27 E	10:23	195		1950	
26 E	10:24	197		1970	
25 E	10:25	196		1960	
24 E	10:26	194		1940	
23 E	10:27	195		1950	-16
22 E	10:28	195		1950	
21 E	10:28½	196		1960	
20 E	10:29	198		1980	
19 E	10:30	195		1950	
18 E	10:31	194		1940	
17 E	1032	194		1940	
16 E	10:33	191		1910	
15 E	10:34	190		1900	
14 E	10:35	200		2000	-16
13 E	10:37	200		2000	
12 E	10:38	195		1950	
11 E	10:39	197		1970	
10 E	10:39½	195		1950	
9 E	10:40	195		1950	
8 E	10:41	195		1950	
7 E	10:42	190		1900	
6 E	10:43	190		1900	-16
5 E	10:44	193		1930	
4 E	10:45	196		1960	
3 E	10:46	192		1920	
2 E	10:47	195		1950	
1 E	10:48	193		1930	
0+00 E	10:49	186		1860	-16

D. CORR	T. CORR	Final Value	Notes
+1	-15	1900	flat
+1	-15	1860	
+1	-15	1850	
+1	-15	1790	
+1	-15	1760	
+1	-15	1800	
+1	-15	1820	
+2	-14	1820	
+2	-14	1800	flat.
+2	-14	1810	
+2	-14	1810	
+2	-14	1820	
+2	-14	1840	flat.
+2	-14	1810	
+2	-14	1800	
+2	-14	1800	
+2	-14	1770	- creek 15+80
+2	-14	1760	
+2	-14	1860	
+2	-14	1860	
+2	-14	1810	
+2	-14	1830	
+2	-14	1810	
+2	-14	1810	
+2	-14	1810	
+2	-14	1760	- creek 7+50
+2	-14	1760	
+2	-14	1790	
+2	-14	1820	
+2	-14	1780	
+2	-14	1810	
+2	-14	1790	
+2	-14	1620	

STN	TIME	RDG	RANGE	GAMMAS	S. CORR	D. CORR	T. CORR	Final Value
L8N. 0+00	10:52	195	1	1950	-16	+2	-14	1810
L8N 0+00	11:17	186		1860	-5	0	-5	1810
1+00W	11:18	189		1890	-5	0	-5	1840
2W	11:19	189		1890		0	-5	1840
3W	11:20	184		1840		0	-5	1890
4W	11:21	190		1900		0	-5	1850
5W	11:22	185		1850		0	-5	1800
6W	11:23	186		1860		0	-5	1810
7W	11:24	187		1870	-5	0	-5	1820
8W	11:24½	187		1870		-1	-6	1810
9W	11:25	184		1840		-1	-6	1780
10W	11:26	185		1850		-1	-6	1790
11W	11:27	186		1860		-1	-6	1800
12W	11:28	186		1860		-1	-6	1800
13W	11:29	184		1840	-5	-1	-6	1780
14W	11:33	180		1800		-2	-8	1730
15W	11:34	184		1840		-2	-7	1770
16W	11:35	183		1830		-2	-7	1760
17W	11:37	185		1850		-2	-7	1780
18W	11:38	172		1720		-2	-7	1670
19W	11:38½	177		1770	-5	-2	-7	1700
20W	11:39	177		1770		-2	-7	1700
21W	11:40	176		1760		-2	-7	1690
22W	11:41	181		1810		-3	-8	1730
23W	11:42	175		1750		-3	-8	1670
24W	11:43	177		1770		-3	-8	1690
25W	11:43½	177		1770	-5	-3	-8	1690
26W	11:44	182		1820		-3	-8	1740
27W	11:45	178		1780		-3	-8	1700
28W	11:46	175		1750		-3	-8	1670
29W	11:47	175		1750		-3	-8	1670
30W	11:48	178		1780		-3	-9	1700
LO. 30W	11:52	180		1800	-5	-4	-9	1720

Notes

flat

dipping west 20°

- large creek
- east slope
- flat

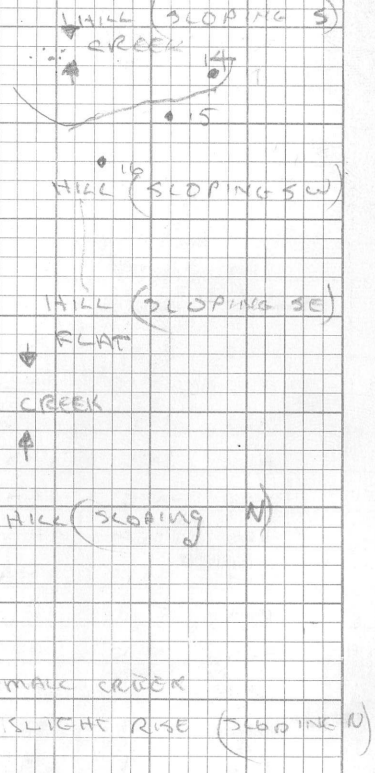
- flat

STN	TIME	R.D.G.	RANGE	GAMMAS.	S. CORR	D CORR	T. CORR	Final Value	Notes
LO. 29+00W	11:53	183	1	1830	-5	-4	-9	1740	- creek 28+50
28 W	11:54	181		1810		-4	-9	1720	
27 W	11:55	180		1800		-4	-9	1710	- flat - to west
26 W	11:57	176		1760		-5	-10	1640	
25 W	11:58	177		1770		-5	-10	1650	
24 W	11:59	180		1800	-5	-5	-10	1760	
23 W	11:59½	181		1810		-5	-10	1710	
22 W	12:00	182		1820		-5	-10	1720	
21 W	12:01	181		1810		-5	-10	1710	
20 W	12:02	189		1890		-5	-10	1790	
19 W	12:03	186		1860		-5	-10	1760	
18W	12:04	185		1850	-5	-5	-10	1750	
17 W	12:05	186		1860		-6	-11	1850	
16 W	12:06	186		1860		-6	-11	1750	
15W	12:07	185		1850		-6	-11	1740	
14W	12:08	186		1860		-6	-11	1750	- sloping to east
13 W	12:09	188		1880		-6	-11	1770	
12W	12:10	187		1870	-5	-6	-11	1760	
11 W	12:11	188		1880		-6	-11	1770	
10 W	12:12	185		1850		-7	-12	1730	
9W	12:14	191		1910		-7	-12	1790	
8W	12:16	194		1940		-7	-12	1820	- large creek 8+10
7W	12:18	179		1790	-5	-7	-12	1670	- creek split at 8+30
6W	12:19	186		1860		-7	-12	1740	- 30° slope west
5W	12:20	188		1880		-7	-12	1760	- slight slope w/west.
4W	12:21	190		1900		-8	-13	1770	
3W	12:22	186		1860		-8	-13	1730	
2W	12:23	188		1880		-8	-13	1750	
1W	12:25	193		1930		-8	-13	1800	
0W	12:27	185		1850		-9	-14	1810	
L8N. 0+00	12:30	195	V	1950	-5	-9	-14	1810	

STN	TIME	R.D.G.	RANGE	GAMMAS	S. CORR.	D. CORR.	T. CORR.	Final Value
B.L. 0+00	1:23	190	1	1900	-10	0	-10	1800
1S	1:24	189		1890	-10	0	-10	1790
2S	1:24½	193		1930	-10	0	-10	1830
3S	1:25	192		1920		0	-10	1820
4S	1:26	193		1930		0	-10	1830
5S	1:27	200		2000		0	-10	1900
6S	1:28	190		1900		0	-10	1800
7S	1:29	191		1910		0	-10	1810
8S	1:33	189		1890		-1	-11	1780
9S	1:34	188		1880		-1	-11	1770
10S	1:35	190		1900		-1	-11	1790
11S	1:35½	191		1910	-10	-1	-11	1800
12S	1:37	193		1930		-1	-11	1820
13S	1:38	189		1890		-1	-11	1780
14S	1:40	185		1850		-1	-11	1740
15S	1:41	187		1870		-1	-11	1760
16S	1:42	181		1810		-1	-11	1700
17S	1:44	191		1910		-2	-12	1790
18S	1:45	190		1900		-2	-12	1780
19S	1:47	185		1850	-10	-2	-12	1730
20S	1:48	182		1820		-2	-12	1700
21S	1:49	181		1810		-2	-12	1690
22S	1:51	190		1900		-2	-12	1780
23S	1:52	183		1830		-2	-12	1710
24S	1:53	184		1840		-3	-13	1710
25S	1:54	186		1860		-3	-13	1730
26S	1:55	180		1800		-3	-13	1670
27S	1:56	181		1810	-10	-3	-13	1680
28S	1:57	180		1800		-3	-13	1670
29S	1:58	180		1800		-3	-13	1670
30S	1:59	180		1800		-3	-13	1670
31S	1:59½	180		1800		-3	-13	1670
32S	2:00	183		1830		-3	-13	1700

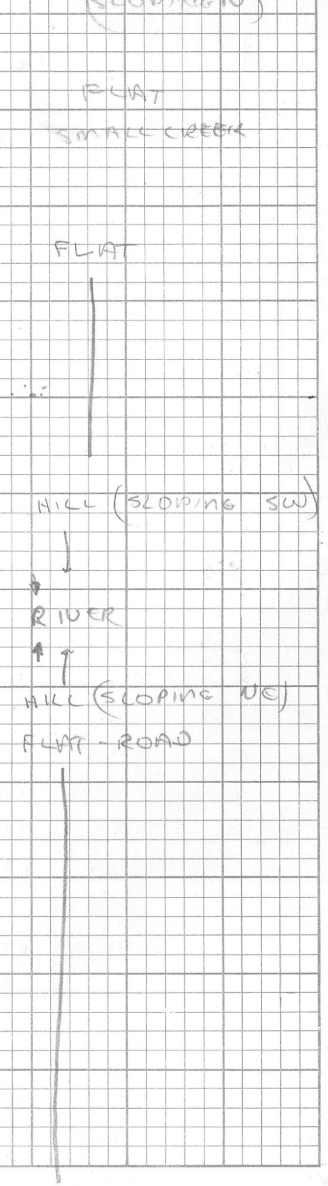
Notes

FLAT



ST.N.	TIME	R.DG.	RANGE	GAMMAS	S.COER.	D. COER	T. COER	Final Value
BL 33+00S	2:01	180		1800	-10	-3	-13	1670
34 S	2:02	180		1820		-3	-13	1690
35 S	2:03	180		1800		-3	-13	1670
36 S	2:04	180		1800		-3	-13	1670
37 S	2:04½	185		1850		-3	-13	1720
38 S	2:05	180		1800		-3	-13	1670
39 S	2:06	180		1800		-3	-13	1670
40 S	2:07	180		1800		-3	-13	1670
BL 0+00	2:26	195		1950	-10	-5	-15	1800
BL 4+00S	2:59	191		1910	-8	0	-8	1830
L45 1+00 W.	3:00	193		1930	-8	0	-8	1850
2W	3:01	188		1880		0		1800
3W	3:02	185		1850				1770
4W	3:03	190		1900				1820
5W	3:04	184		1840				1760
6W	3:05	187		1870				1790
7W	3:05½	181		1810				1730
8W	3:06	184		1840	-8	0	-8	1760
9W	3:07	184		1840				1760
10W	3:08	186		1860				1780
11W	3:09	185		1850				1770
12W	3:10	186		1860				1780
13W	3:10½	186		1860				1780
14W	3:11	185		1850				1770
15W	3:12	185		1850	-8	0	-8	1770
16W	3:13	184		1840				1760
17W	3:15	184		1840				1760
18W	3:15½	186		1860				1780
19W	3:16	185		1850				1770
20W	3:17	186		1860				1780
21W	3:18	187		1870	-8	0	-8	1790
22W	3:19	187		1870				1790
23W	3:20	183		1830				1750

Notes June 3/68



BL	STN	TIME	RDG	RANGE	GAMMAS	S.CORR	D. CORR	T. CORR	Final Value
	24W	3:21	180	1	1800	-8	0	-8	1720
	25W	3:23	180		1800				1720
	26W	3:24	184		1840				1760
	27W	3:25	180		1840				1760
	28W	3:25½	186		1860				1780
	29W	3:26	184		1840				1760
↓	30W	3:27	180		1800		0	-8	1720
L.BS.	30W	3:30	182		1820		+1	-7	1750
	29W	3:30½	180		1800		+1	-7	1730
	28W	3:31	184		1840	-8	+1	-7	1770
	27W	3:32	183		1830				1760
	26W	3:33	179		1790				1720
	25W	3:34	182		1820				1750
	24W	3:35	185		1850				1780
	23W	3:35½	185		1850				1780
	22W	3:36	183		1830				1760
	21W	3:37	185		1850				1780
	20W	3:38	177		1770				1700
	19W	3:39	184		1840	-8	+1	-7	1770
	18W	3:40	188		1880				1810
	17W	3:41	185		1850				1780
	16W	3:42	182		1820				1750
	15W	3:42½	183		1830				1760
	14W	3:43	188		1880				1810
	13W	3:44	180		1800				1730
	12W	3:45	186		1860				1790
	11W	3:45½	179		1790				1720
	10W	3:46	186		1860	-8	+1	-7	1790
	9W	3:47	186		1860				1790
	8W	3:48	191		1910				1840
	7W	3:49	190		1900				1830
	6W	3:50	192		1920				1850
↓	5W	3:51	R4	↓	1940				1870

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Notes

SMALL CREEK WATER HAS OIL STAIN & IS RUSTY

FLAT

SMALL STREAM

FLAT

SMALL STREAM

FLAT

SMALL STREAM

FLAT

SMALL STREAM

FLAT

- ROAD

HILL (SLOPING SW)

RIVER

FLAT

HILL (SLOPING NE)

BS STN.	TIME	R.DG.	RANGE	GAMMAS	S. CORR
4W	3:51	195		1950	-8
3W	3:52	191		1910	
2W	3:53	190		1900	
1W	3:54	192		1920	
BL. 8+00S	3:55	190		1900	
BL. 4+00S	3:57	190		1900	-8

June 8, 68
N. NEWSOM
PHIL GROUP

Jaylander 7264
clear & warm

STN.	TIME	RDG.	RANGE	GAMMAS	S CORR.
L32S 0+00	9:05	196		1960	-26
1W	9:06	190		1900	
2W	9:07	194		1940	
3W	9:08	184		1840	
4W	9:09	187		1870	
5W	9:10	182		1820	
6W	9:11	189		1890	
7W	9:12	185		1850	-26
8W	9:13	185		1850	
9W	9:15	175		1750	
10W	9:16	177		1770	
11W	9:17	175		1750	
12W	9:18	176		1760	
13W	9:19	178		1780	
14W	9:20	178		1780	-26
15W	9:21	174		1740	
16W	9:22	175		1750	
17W	9:23	174		1740	
18W	9:24	177		1770	
19W	9:25	173		1730	
20W	9:25½	175		1750	

D. CORR.	T. CORR	Final Value
+1	-7	1880
		1840
		1830
		1850
		1830
+1	-7	1830

Notes
HILLY (SLOPING NE)

D CORR	T. CORR	Final Value
0	-26	1700
0	-26	1640
0	-26	1680
+1	-25	1590
+1	-25	1620
+1	-25	1570
+2	-24	1650
+2	-24	1610
+2	-24	1610
+3	-23	1520
+3	-23	1540
+4	-22	1530
+4	-22	1540
+4	-22	1560
+5	-21	1570
+5	-21	1530
+5	-21	1540
+6	-20	1540
+6	-20	1570
+6	-20	1530
+7	-19	1560

Notes.
FLAT

SWAMP AT REAR

STN	TIME	R.DG.	RANGE	GAMMAS	S. CORR.	D. CORR	T. CORR	Final Value
L325 21W	9:26	173		1730	-26	+7	-19	1540
22W	9:27	174		1740		+7	-19	1550
23W	9:28	173		1730		+7	-19	1540
24W	9:29	174		1740		+8	-18	1560
25W	9:30	173		1730		+8	-18	1550
26W	no	station	26+00'W.			+8	-18	—
27W	9:31	177		1770	-26	+9	-17	1600
28W	9:32	170		1700		+9	-17	1530
29W	9:32½	171		1710		+9	-17	1540
V 30W	9:33	172		1720		+10	-16	1560
L405 30W	9:40	171		1710		+12	-14	1570
29W	9:40½	170		1700		+12	-14	1560
28W	9:41	175		1750		+12	-14	1610
27W	9:42	175		1750	-26	+13	-13	1620
26W	9:42½	177		1770		+13	-13	1640
25W	9:43	175		1750		+13	-13	1620
24W	9:44	174		1740		+13	-13	1610
23W	9:45	179		1790		+14	-12	1670
22W	9:46	172		1720		+14	-12	1600
21W	9:47	174		1740		+14	-12	1620
20W	9:48	173		1730	-26	+15	-11	1620
19W	9:49	175		1750		+15	-11	1640
18W	9:49½	175		1750		+15	-11	1640
17W	9:50	171		1710		+15	-11	1600
16W	9:50½	174		1740		+16	-10	1650
15W	9:51	175		1750		+16	-10	1650
14W	9:52	175		1750		+16	-10	1650
13W	9:52½	176		1760	-26	+17	-9	1670
12W	9:53	175		1750		+17	-9	1660
11W	9:54	171		1710		+17	-9	1620
10W	9:55	174		1740		+17	-9	1650
9W	9:55½	174		1740		+18	-8	1660
V 8W	9:56	176	V	1760		+18	-8	1680

Notes

FLAT

marked as STN. 27+00

DEPRESSION

FLAT

SMALL STREAM

STN	TIME	R.D.G.	RANGE	GAMMAS.	S. CORR.	D.I. CORR	T. COER.	Final Value
L40S 7W	9:57	175	1	1750	-26	+18	-8	1670
6W	9:58	174		1740		+18	-8	1660
5W	9:59	183		1830		+18	-8	1750
4W	10:00	176		1760		+18	-8	1680
3W	10:00½	175		1750		+19	-7	1680
2W	10:01	172		1720		+19	-7	1650
1W	10:02	180		1800		+19	-7	1730
V 0+00	10:03	175		1750		+19	-7	1680
L32S 0+00	10:06	177		1770	-26	+19	-7	1700
0+00	10:10	180		1800	-10	0	-10	1700
1E	10:11	179		1790		0	-10	1790
2E	10:11½	174		1740		0	-10	1640
3E	10:12	176		1760		0	-10	1660
4E	10:13	176		1760		0	-10	1660
5E	10:15	174		1740		0	-10	1640
6E	10:15½	175		1750		0	-10	1650
7E	10:26	178		1780		0	-10	1680
8E	10:28	185		1850	-10	0	-10	1750
9E	10:29	184		1840		0	-10	1740
10E	10:29½	180		1800		0	-10	1700
11E	10:30	179		1790		0	-10	1690
12E	10:31	180		1800		0	-10	1700
13E	10:32	181		1810		+1	-9	1720
14E	10:32½	182		1820		+1	-9	1730
15E	10:33	184		1840		+1	-9	1750
16E	10:34	181		1810	-10	+1	-9	1720
17E	10:35	183		1830		+1	-9	1740
18E	10:35½	183		1830		+1	-9	1740
19E	10:36	184		1840		+1	-9	1750
20E	10:37	183		1830		+1	-9	1740
21E	10:38	183		1830		+1	-9	1740
22E	10:39	185		1850		+1	-9	1760
23E	10:40	184		1840		+1	-9	1750
V 24E	10:41	184	V	1840	-10	+1	-9	1750

Notes

FLAT

HILL (SLOPING SW)

SMALL STREAM

RIVER

HILL (SLOPING NW)

FLAT

RISE NE

STN	TIME	RDG.	RANGE	GAMMAS	S. CORR.
L32 S. 25E	10:42	187	1	1870	-10
26E	10:43	185		1850	
27E	10:43½	185		1850	
28E	10:14	188		1880	
29E	10:45	181		1860	
↓ 30E	10:46	181		1810	
L40 S 30E	10:55	182		1820	
29E	10:56	184		1840	-10
28E	10:57	179		1790	
27E	10:58	184		1840	
26E	10:59	185		1850	
25E	11:00	181		1810	
24E	11:00½	175		1750	
23E	11:01	175		1750	
22E	11:02	174		1740	
21E	11:03	181		1810	
20E	11:04	180		1800	-10
19E	11:04½	176		1760	
18E	11:05	180		1800	
17E	11:06	179		1790	
16E	11:07	184		1840	
15E	11:08	183		1830	
14E	11:09	176		1760	
13E	11:10	174		1740	-10
12E	— In CREEK			—	
11E	11:18	179		1790	
10E	11:19	176		1760	
9E	11:20	174		1740	
8E	11:22	176		1760	
7E	11:24	177		1770	
6E	11:25	176		1760	
5E	11:26	178		1780	
↓ 4E	11:27	179	↓	1790	-10

D. CORR	T. CORR.	Final Value
+1	9	1780
+2	-8	1770
+2	-8	1770
+2	-8	1800
+2	-8	1780
+2	-8	1730
+2	-8	1740
+2	-8	1760
+2	-8	1710
+2	-8	1760
+2	-8	1770
+2	-8	1730
+2	-8	1690
+2	-8	1670
+2	-8	1660
+3	-7	1740
+3	-7	1730
+3	-7	1690
+3	-7	1730
+3	-7	1720
+3	-7	1770
+3	-7	1760
+3	-7	1690
+3	-7	1670
+3	-7	—
+3	-7	1720
+3	-7	1690
+3	-7	1670
+3	-7	1690
+4	-6	1710
+4	-6	1700
+4	-6	1720
+4	-6	1730

Notes.

RIKE NE

SLOPE SW.

RIVER

HILL (SLOPING SE TO NE)

FLAT

RISE SE

STN	TIME	RDG	RANGE	GAMMAS	S. CORR
L40S 3E	11:28	175	1	1750	-10
2E	11:30	175		1750	
1E	11:31	174		1740	
↓ OE	11:32	170		1700	
L32+00S	11:35	176		1760	-10
L16+00S	1:30	193		1930	-23
L16S 1+00W	1:33	190		1900	
2W	1:34	190		1900	
3W	1:35	185		1850	
4W	1:36	193		1930	
5W	1:37	185		1850	
6W	1:38	184		1840	
7W	1:40	190		1900	
8W	1:41	186		1860	
9W	1:42	190		1900	-23
10W	1:42½	187		1870	
11W	1:43	180		1800	
12W	1:44	179		1790	
13W	1:44½	182		1820	
14W	1:45	180		1800	
15W	1:46	175		1750	
16W	1:47	185		1850	
17W	1:47½	184		1840	-23
18W	1:48	175		1750	
19W	1:49	175		1750	
20W	1:50	175		1750	
21W	1:50½	178		1780	
22W	1:51	177		1770	
23W	1:52	175		1750	
24W	1:53	177		1770	
25W	1:54	174		1740	
26W	1:54½	180		1800	
↓ 27W	1:55	175	↓	1750	-23

D. CORR.	T. CORR.	FINAL RESULT
+4	-6	1690
+4	-6	1690
+4	-6	1680
+4	-6	1640
+4	-6	1700
0	-23	1700
0	-23	1670
0	-23	1670
0	-23	1620
0	-23	1700
0	-23	1620
0	-23	1610
0	-23	1670
0	-23	1630
0	-23	1670
0	-23	1640
0	-23	1570
0	-23	1560
0	-23	1590
0	-23	1570
0	-23	1520
0	-23	1620
0	-23	1610
0	-23	1520
0	-23	1520
-1	-24	1510
-1	-24	1540
-1	-24	1530
-1	-24	1510
-1	-24	1530
-1	-24	1500
-1	-24	1560
-1	-24	1510

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NOTES

RISE SE
FLAT
HILL NW
FLAT

RIVER

FLAT

MARSH

HILL (SLOPING NE)
FLAT

ROAD

SMALL STREAM

STN.	TIME	ROG.	RANGE	GAMMAS	S. CORR	D CORR.	T CORR.	Final Result
L 165 25W	1:56	176	1	1760	-23	-1	-24	1520
29W	1:58	176		1760		-1	-24	1520
30W	1:59	176		1760	-23	-1	-24	1520
L 245 30100W	2:04	175		1750		-1	-24	1510
29W	2:05	175		1750		-1	-24	1510
28W	2:06	175		1750		-1	-24	1510
27W	2:07	183		1830		-1	-24	1590
26W	2:08	180		1800		-1	-24	1560
25W	2:09	180		1800	-23	-1	-24	1560
24W	2:09½	184		1840		-1	-24	1600
23W	2:10	182		1820		-1	-24	1580
22W	2:10½	184		1840		-1	-24	1600
21W	2:11	181		1810		-2	-25	1560
20W	2:12	179		1790		-2	-25	1540
19W	2:12½	184		1840		-2	-25	1590
18W	2:13	185		1850	-23	-2	-25	1600
17W	2:14	176		1760		-2	-25	1510
16W	2:15	182		1820		-2	-25	1570
15W	2:16	181		1810		-2	-25	1560
14W	2:17	180		1800		-2	-25	1550
13W	2:18	174		1740		-2	-25	1490
12W	2:19	180		1800		-2	-25	1550
11W	2:19½	180		1800		-2	-25	1550
10W	2:20	183		1830	-23	-2	-25	1580
9W	2:21	186		1860		-2	-25	1610
8W	2:22	180		1800		-2	-25	1550
7W	2:22½	179		1790		-2	-25	1540
6W	2:23	183		1830		-2	-25	1580
5W	2:24	179		1790		-2	-25	1540
4W	2:24½	177		1770		-2	-25	1520
3W	2:25	180		1800		-2	-25	1550
2W	2:26	181		1810		-2	-25	1560
1W	2:27	185		1850	-23	-2	-25	1600

NOTES

FLAT

SMALL STREAM

ROAD

RISE NW

FLAT

MARSH

SMALL STREAM

HILL SLOPING SE

STH	TIME	DOG	RANGE	GAMMAS	S. CORR
L245 0W	2:28	186		1860	-23
L1600S	2:35	195		1950	-23
100E	2:37	197		1970	-25
2E	2:38	197		1970	
3E	2:39	185		1850	
4E	2:40	187		1870	
5E	2:41	180		1800	
6E	2:42	180		1800	
7E	2:42½	185		1850	
8E	2:43	186		1860	
9E	2:43½	186		1860	
10E	2:44	188		1880	
11E	2:44½	189		1890	-25
12E	2:45	189		1890	
13E	2:45½	189		1890	
14E	2:46	191		1910	
15E	2:47	185		1850	
16E	2:47½	190		1900	
17E	2:48	188		1880	
18E	2:49	186		1860	
19E	2:50	193		1930	
20E	2:50½	195		1950	-25
21E	2:51	195		1950	
22E	2:52	194		1940	
23E	2:52½	190		1900	
24E	2:53	190		1900	
25E	2:54	187		1870	
26E	2:55	194		1940	
27E	2:55½	191		1910	
28E	2:56	194		1940	
29E	2:57	195		1950	
30E	2:58	193		1930	
L245 3000E	3:04	194		1940	-25

D. CORR	T CORR	Final RESULT
-2	-25	1610
-2	-25	1700
0	-25	1720
0	-25	1720
0	-25	1600
0	-25	1620
0	-25	1550
0	-25	1550
0	-25	1600
0	-25	1610
0	-25	1610
0	-25	1630
0	-25	1640
0	-25	1640
0	-25	1640
0	-25	1660
0	-25	1600
0	-25	1650
0	-25	1630
0	-25	1610
0	-25	1680
0	-25	1700
0	-25	1700
0	-25	1690
0	-25	1650
+1	-24	1660
+1	-24	1630
+1	-24	1700
+1	-24	1670
+1	-24	1700
+1	-24	1710
+1	-24	1690
+1	-24	1700

NOTES

STEEP HILL SLOPING SE

100 GAMMAS below Given result.

FLAT

- MARSHY

- MARSHY

- MARSHY

RISE NE

FLAT

STN	TIME	RDG	RANGE	GAMMAS	S. CORR	D. CORR	T. CORR	FINAL RESULT
L24S 29E	3:04½	193	1	1930	-25	+1	-24	1690
28E	3:05	194		1940		+1	-24	1700
27E	3:05½	194		1940		+1	-24	1700
26E	3:06	194		1940		+1	-24	1700
25E	3:07	194		1940		+1	-24	1700
24E	3:07½	191		1910		+1	-24	1670
23E	3:08	191		1910		+1	-24	1670
22E	3:09	185		1850		+1	-24	1620
21E	3:09½	191		1910		+1	-24	1670
a 20E	3:10	187		1870		+1	-24	1630
b 20E	3:11	188		1880		+2	-23	1650
19E	3:12	190		1900		+2	-23	1670
18E	3:12½	190		1900	-25	+2	-23	1670
17E	3:13	191		1910		+2	-23	1680
16E	3:14	190		1900		+2	-23	1670
15E	3:14½	191		1910		+2	-23	1680
14E	3:15	196		1960		+2	-23	1730
13E	3:15½	191		1910		+2	-23	1680
12E	3:16	191		1910		+2	-23	1680
11E	3:16½	185		1850		+2	-23	1720
10E	3:17	189		1890		+2	-23	1660
9E	3:17½	186		1860	-25	+2	-23	1630
8E	3:18	190		1900		+2	-23	1670
7E	3:19	185		1850		+2	-23	1620
6E	3:20	185		1850		+2	-23	1620
5E	3:20½	185		1850		+2	-23	1620
4E	3:21	190		1900		+2	-23	1670
3E	3:22	188		1880		+2	-23	1650
2E	3:23	187		1870		+2	-23	1640
1E	3:24	180		1800		+2	-23	1570
0E	3:25	186		1860		+2	-23	1630
L16+00S	3:30	193		1930	-25	+2	-23	1700

NOTES

SLIGHT SLOPE SE

at L24S - 20+00E there are two (2) 20+00E - stations second - (a) ∴ first (b) going up line

HILL SLOPING SE

BECOMES STEEP

June 10, 68 — PHIL GROUP - SHELDON

J. HARPER — CLOUDY + COOL

JAYLANDER. — Magnetometer.

STN.	TIME	R.D.G.	RANGE	GAMMAS.	S. CORR.
B.L. 3+00S	9:26	184	1	1840	-6
L85 1+00E	9:27	184		1840	
2E	9:28	178		1780	
3E	9:29	175		1750	
4E	9:30	180		1800	
5E	9:31	178		1780	
6E	9:32	178		1780	
7E	9:33	174		1740	
8E	9:34	197		1970	-6
9E	9:35	189		1890	
10E	9:36	175		1750	
11E	9:37	178		1780	
12E	9:38	175		1750	
13E	9:39	174		1740	
14E	9:40	176		1760	
15E	9:41	174		1740	
16E	9:42	174		1740	-6
17E	9:42½	175		1750	
18E	9:43	175		1750	
19E	9:44	175		1750	
20E	9:45	173		1730	
21E	9:46	173		1730	
22E	9:47	173		1730	
23E	9:48	170		1700	-6
24E	9:49	172		1720	
25E	9:50	170		1700	
26E	9:51	169		1690	
27E	9:52	170		1700	
28E	9:53	170		1700	

D. CORR	T. CORR	Final Value	Notes
0	-6	1780	
0	-6	1780	- sloping S.W.
+1	-5	1730	
+1	-5	1700	
+2	-4	1760	- flat
+2	-4	1740	
+3	-3	1750	
+3	-3	1710	- creek flowing W.
+4	+2	1950	- sloping 5° to 10° W.
+4	+2	1870	- sloping S.W.
+5	+1	1740	- flat
+5	+1	1770	
+6	0	1750	
+6	0	1740	- 5° S.W. slope
+7	+1	1770	
+7	+1	1750	
+8	+2	1760	
+8	+2	1770	
+9	+3	1780	
+9	+3	1780	
+10	+4	1770	
+10	+4	1770	
+11	+5	1780	- sloping 5°-10° S.W.
+12	+5	1750	
+12	+6	1780	
+12	+6	1760	
+13	+7	1760	- sloping 5°-10° S.W.
+13	+7	1770	
+14	+8	1750	- sloping 5°-10° W.

STN.	TIME	R.DG.	RANGE	GAMMAS	S. CORR.
L8S 29E	9 54½	170	1	1700	-6
L8S 30E	9:57	168	1	1680	-6
BL. 8+00S	10:08	168	1	1680	-6

June 10, 68 CHIEF: N. NEWSOM

E.M. - JEM HELPER: J. HARPER.

STN	HI	LO	H.N.	CHIEF L.N.
BL 40+00S	-12	-12	2°	2°
39S	-11	-11	2°	2°
38S	-11	-11	3°	3°
37S	-13	-13	2°	2°
36S	-17	-16	2°	2°
35S	-14	-14	2°	2°
34S	-16	-15	3°	2°
33S	-12	-12	2°	2°
32S	-14	-14	2°	2°
31S	-13	-13	2°	2°
30S	-15	-15	2°	2°
29S	-17	-17		
28S	-17	-17		
27S	-19	-18		
26S	-15	-17		
25S	-12	-12		
24S	-10	-10		
23S	-10	-10		
22S	-8	-8		
21S	-7	-6		
20S	-5	-5		
19S	-1	0		
18S	-13	-12		
17S	-23	-22		

D. CORR	T. CORR.	Final Value
+15	+9	1790
+15	+9	1770
+16	+10	1780

(41)

HELPER Hi	HELPER Lo	RESULT Hi	RESULT Lo	Notes.
+11	+11	-1	-1	
+9	+9	-2	-2	
+9	+9	-2	-2	
+12	+12	-1	-1	
+14	+14	-3	-2	
+12	+13	-2	-1	
+12	+12	-4	-3	
+12	+11	0	-1	
+12	+12	-2	-2	
+12	+11	-1	-2	
+16	+15	+1	0	
+16	+17	-1	0	
+16	+15	-1	-2	
+16	+16	-3	-2	
+14	+14	-1	-3	
+10	+10	-2	-2	
+9	+9	-1	-1	
+8	+8	-2	-2	
+5	+5	-3	-3	
+5	+5	-2	-1	
+12	+12	-3	-3	
-3	-3	-4	-3	
+12	+12	-1	0	
+23	+22	0	0	

Notes.

H.N sloping 12° N.

sloping North

small creek 33+00

20° slope N.E

small creek at 28+50

"

"

-flat

large creek between 21+00 - 22+00

ridge running NE-SW. 20° slopes

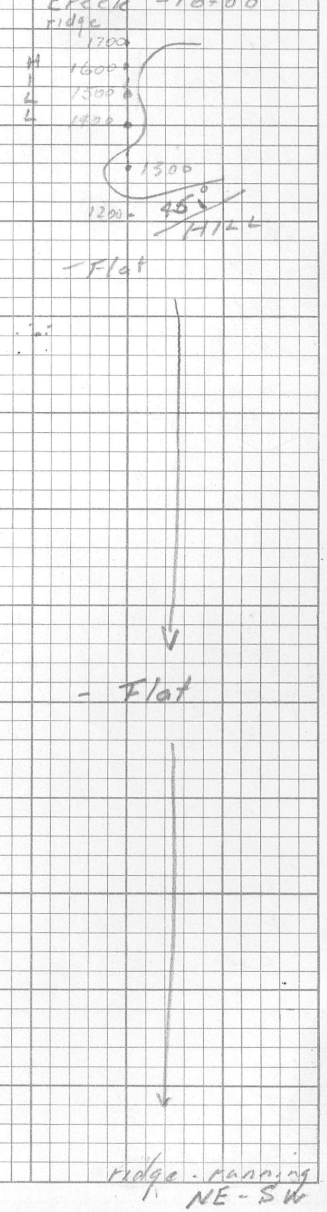
		CHIEF		June 10/68	
STN	Hi	Lo	H.N.	L.N.	
BL. 16 S	-13	-12	2°	2°	
15 S	-11	-10			
14 S	-8	-8			
13 S	-7	-7			
12 S	+18	+18			
11 S	+18	+18			
10 S	-9	-9			
9 S	-10	-9			
8 S	-8	-9			
7 S	-8	-7			
6 S	-7	-8			
5 S	-8	-7			
4 S	-9	-9	↓	↓	
3 S	-8	-8	2°	2°	
2 S	-7	-7			
1 S	-7	-7			
BL. 0+00	-8	-8			
1+00 N	-9	-9			
2 N	-9	-9			
3 N	-9	-9			
4 N	-9	-9			
5 N	-9	-9			
6 N	-10	-10	↓	↓	
7 N	-11	-10	2°	2°	
8 N	-10	-9	4°	4°	
9 N	-9	-8	2°	2°	
10 N	-9	-9	2°	2°	
11 N	-10	-9	4°	3°	
12 N	-10	-8	4°	5°	
13 N	-9	-7	3°	3°	
14 N	-6	-6	4°	4°	
15 N	-11	-10	2°	2°	

HELPER

Result. (42)

Hi	Lo	Hi	Lo
+12	+11	-1	-1
+10	+9	-1	-1
+6	+6	-2	-2
+6	+6	-1	-1
-20	-20	-2	-2
-20	-20	-2	-2
+7	+7	-2	-2
+8	+7	-2	-2
+6	+7	-2	-2
+6	+6	-2	-1
+5	+6	-2	-2
+6	+5	-2	-2
+7	+7	-2	-2
+6	+6	-2	-2
+6	+6	-1	-1
+6	+5	-1	-2
+6	+6	-2	-2
+7	+7	-2	-2
+7	+8	-2	-1
+7	+7	-2	-2
+8	+7	-1	-2
+8	+8	-1	-1
+7	+7	-3	-3
+7	+6	-3	-2
+8	+8	-2	-1
+8	+7	-1	-1
+8	+7	-1	-2
+9	+7	-1	-2
+7	+6	-3	-2
+6	+5	-2	-2
+4	+5	-2	-1
+8	+8	-3	-2

Notes.



June 10/68

	CHIEF				HELPER		RESULT		(43)
STN	Hi	Lo	H.N.	L.N.	Hi	Lo	Hi	Lo	Notes
BL.16 N	-12	-11	2°	2°	+12	+10	0	-1	
17N	-11	-10	2°	2°	+7	+7	-4	-3	Flat again
18N	-10	-9	4°	2°	+7	+7	-3	-2	
19N	-10	-9	4°	2°	+8	+8	-2	-1	
20N	-9	-9	2°	2°	+6	+6	-3	-3	
21N	-7	-7			+3	+3	-4	-4	
22N	-5	-4			+2	+2	-3	-2	
23N	-7	-6			+4	+4	-3	-2	ridge - SE-NW
24N	-7	-6			+7	+5	0	-1	sloping SW
25N	-11	-12			+10	+10	-1	-2	
26N	-15	-18			+18	+17	-1	-1	
27N	-17	-17			+16	+15	-1	-2	
28N	-16	-15			+14	+14	-2	-1	flat
29N	-12	-12			+10	+10	-2	-2	
30N	-11	-11	2°	2°	+9	+9	-2	-2	
31N	-12	-11	2°	2°	+8	+9	-4	-2	
32N	-10	-9	3°	3°	+7	+6	-3	-3	
33N	-9	-9	2°	2°	+7	+7	-2	-2	
34N	-9	-9	2°	2°	+7	+7	-2	-2	rolling hills
35N	-9	-8	2°	2°	+6	+5	-3	-3	Loud Squelch
36N	-8	-7	2°	2°	+4	+5	-4	-2	" "
37N	-5	-3	3°	3°	+3	+2	-2	-1	" "
38N	-10	-9	4°	2°	+7	+7	-3	-2	" "
39N	-10	-9	4°	2°	+7	+7	-3	-2	
40N	-14	-14	2°	2°	-13	-13	-1	-1	

June 11/68 — CHIEF: N. NEWSOM

E.M. - J&M — HELPER: J. HARPER

PHIL GROUP. — WARM - SUNNY + CLOUDY

	CHIEF				HELPER		RESULT		
STN	Hi	Lo	HN	LN	Hi	Lo	Hi	Lo	Notes
BL 32+00,5	-2	-2	2°	2°	-1	-2	-3	-4	- creek 1+00E
L32S 1+00W	-4	-4			+2	+1	-2	-3	
2W	-4	-4			+1	+1	-3	-3	- sloping NE
3W	-4	-5			+2	+1	-2	-4	
4W	-4	-3			+1	+1	-3	-2	
5W	-4	-5			+2	+2	-2	-3	
6W	-7	-7	2°	2°	+5	+4	-2	-3	- flat
7W	-8	-8			+5	+5	-3	-3	
8W	-9	-9			+8	+7	-1	-2	
9W	-9	-9			+7	+7	-2	-2	
10W	-9	-9			+7	+7	-2	-2	
11W	-8	-7			+6	+6	-2	-1	- creek 10+50
12W	-6	-6			+4	+4	-2	-2	
13W	-6	-6	2°	2°	+3	+3	-3	-3	- flat
14W	-6	-6			+4	+3	-2	-3	
15W	-7	-8			+5	+5	-2	-3	
16W	-9	-9			+7	+7	-2	-2	
17W	-9	-9			+6	+5	-3	-4	
18W	-7	-7	2°	2°	+5	+5	-2	-2	
19W	-7	-7			+5	+5	-2	-2	
20W	-7	-7			+5	+5	-2	-2	
21W	-9	-9			+6	+6	-3	-3	
22W	-9	-9			+8	+7	-1	-2	
23W	-10	-10	2°	2°	+9	+8	-1	-2	
24W	-11	-11	4°	2°	+9	+8	-2	-3	
25W	-9	-9	2°	2°	+7	+7	-2	-2	
26W	no station 26+00W.								
27W	-9	-9	2°	2°	+7	+7	-2	-2	
28W	-10	-10	2°	2°	+8	+8	-2	-2	

STN	CHIEF Hi	Lo	H.N.	L.N.
L325 29+00W	-11	-11	2°	2°
L325 30W	-12	-11	4°	2°
L405 30+00W	-11	-11	2°	2°
29W	-11	-11	4°	3°
28W	-9	-9	2°	2°
27W	-9	-9		
26W	-9	-9		
25W	-9	-9		
24W	-10	-10		
23W	-9	-9	2°	2°
22W	-9	-9		
21W	-8	-8		
20W	-8	-8		
19W	-9	-9		
18W	-8	-8		
17W	-9	-9	2°	2°
16W	-8	-8	4°	2°
15W	-7	-7	2°	2°
14W	-8	-7		
13W	-8	-7	3°	2°
12W	-7	-7	2°	2°
11W	-6	-6		
10W	-8	-8		
9W	-9	-9		
8W	-7	-7		
7W	-5	-5		
6W	-5	-5	2°	2°
5W	-8	-7		
4W	-7	-6		
3W	-2	-1		
2W	-7	-7		
1W	-6	-6		

HELPER Hi	Lo	RESULT Hi	Lo
+10	+9	-1	-2
+10	+10	-2	-1
+9	+9	-2	-2
+9	+9	-2	-2
+8	+8	-1	-1
+7	+7	-2	-2
+7	+7	-2	-2
+7	+8	-2	-1
+7	+7	-3	-3
+6	+7	-3	-2
+8	+7	-1	-2
+6	+6	-2	-2
+6	+8	-2	-1
+7	+8	-2	-1
+6	+6	-2	-2
+7	+7	-2	-2
+7	+7	-1	-1
+5	+6	-2	-2
+5	+5	-3	-2
+5	+5	-3	-2
+5	+5	-2	-2
+4	+4	-2	-2
+7	+7	-1	-1
+8	+7	-1	-2
+5	+4	-2	-3
+3	+3	-2	-2
+3	+2	-2	-3
+6	+6	-2	-1
+4	+3	-3	-3
+1	0	-1	-1
+4	+5	-3	-2
+5	+4	-1	-2

45

Notes

- flat
- flat
- flat
9+50 small creek
flat
sloping N. E

	CHIEF			
STN	Hi	LO	H.N	L.N
L405 0+00	-5	-5	2°	2°
1+00E	-21	-21		
2E	-21	-21		
3E	0	0		
4E	+9	+8		
5E	+3	+4		
6E	-5	-5		
7E	-4	-4	4°	2°
8E	-1	-1	2°	2°
9E	+1	0		
10E	+6	+6		
11E	+9	+9		
12E	-3	-3		
13E	-18	-18		
14E	-21	-22		
15E	-24	-24	4°	2°
16E	-23	-23	2°	2°
17E	-21	-21		
18E	-17	-18		
19E	-17	-16		
20E	-14	-14		
21E	-13	-13		
22E	-11	-12		
23E	-14	-13	2°	2°
24E	-16	-16		
25E	-14	-14		
26E	-12	-12		
27E	-11	-11		
28E	-15	-15	2°	2°
29E	-15	-15		
30E	-14	-14		
L325 30+00E	-13	-13		

HELPER		RESULT	
Hi	LO	Hi	LO
+4	+3	-1	-2
+20	+19	-1	-2
+20	+20	-1	-1
-2	-3	-2	-3
-11	-11	-2	-3
-7	-7	-4	-3
+3	+3	-2	-2
+2	+1	-2	-3
-1	-2	-2	-3
-6	-6	-5	-6
-8	-9	-2	-3
-13	-13	-4	-4
0	0	-3	-3
+16	+16	-2	-2
+23	+23	+2	+1
+25	+24	+1	0
+23	+23	0	0
+20	+20	-1	-1
+18	+18	+1	0
+16	+15	-1	-1
+13	+13	-1	-1
+11	+12	-2	-1
+11	+11	0	-1
+13	+13	-1	0
+15	+14	-1	-2
+13	+13	-1	-1
+11	+11	-1	-1
+11	+11	0	0
+13	+13	-2	-2
+13	+13	-2	-2
+12	+13	-2	-1
+12	+11	-1	-2

(46)

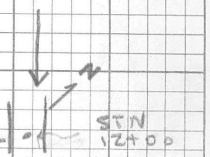
Notes

- flat

2+00E - top of 25° slope

3+00 - hilly tending S.E. 20°

- flat - slight slope S.E.



- River - STN. 12 taken as NW. side Creek.
- slope SW - 15°-20°
- STN 12 taken as SE side creek slope 15°-20° SW.

-8° SW slope.

STN	CHIEF Hi	Lo	H.N.	L.N.	
L32S 29E	-12	-12	2°	2°	
28E	-12	-13	4°	2°	
27E	-13	-13	2°	2°	
26E	-13	-13			
25E	-13	-13			
24E	-13	-12			
23E	-12	-12			
22E	-12	-11			
21E	-11	-11			
20E	-9	-9	2°	2°	
19E	-11	-11			
18E	-13	-13			
17E	-13	-12			
16E	-9	-9			
15E	-11	-11			
14E	-11	-13			
13E	-13	-13	2°	2°	
12E	-15	-15			
11E	-15	-15			
10E	-12	-12			
9E	-18	-18			
8E	-36	-36	4°	4°	
7E	-37	-37	2°	2°	
6E	no reading - as had to portage				800 ft. to
5E	-5	-5	2°	2°	
4E	+5	+5			
3E	+9	+9			
2E	0	0			
1E	0	0			
L0S 0400	-11	-11	2°	2°	June 13/68
L8S 1E	-11	-11			
L8.5 2E	-11	-10			

HELPER. Hi	Lo	RESULT Hi	Lo	(47)
+10	+11	-2	-1	
+11	+11	-1	-2	
+11	+10	-2	-3	
+11	+11	-2	-2	
+10	+12	-3	-1	
+11	+13	-2	+1	
+11	+11	-1	-1	
+11	+10	-1	-1	
+9	+10	-2	-1	
+9	+8	0	-1	
+9	+9	-2	-2	
+11	+11	-2	-2	
+9	+10	-4	-2	
+8	+8	-1	-1	
+11	+10	0	-1	
+9	+10	-4	-3	
+11	+11	-2	-2	
+14	+14	-1	-1	
+13	+13	-2	-2	
+10	+10	-2	-2	
+17	+17	-1	-1	
+37	+37	+1	+1	
+35	+35	-2	-2	
cross	river.			
+3	+2	-2	-3	
-8	-8	-3	-3	
-11	-11	-2	-2	
-3	-3	-3	-3	
-1	-2	-1	-2	
+10	+10	-1	-1	
+11	+10	0	-1	
+8	+8	-3	-2	

Notes

Sloping 5-10° SW.

- sloping SW 20°
- sloping SW 40°
- STN. 6E - taken as on NE. side river
- river at 6+00S
- flat
- sloping N. 10°
- sloping N. 20°
- END of June. 11, 1968
- sloping S° W slightly
- START June 13, 1968

June, 13/68

STN	CHIEF Hi	CHIEF Lo	H.N.	L.N.
L8S 3+00E	-9	-9	2°	2°
4E	-7	-7		
5E	-5	-5		
6E	-5	-5		
7E	-9	-9		
8E	-13	-13		
9E	-13	-12		
10E	-9	-9	2°	2°
11E	-9	-8		
12E	-7	-7		
13E	-9	-9		
14E	-10	-10		
15E	-10	-11	2°	2°
16E	-11	-11		
17E	-11	-12		
18E	-9	-9		
19E	-8	-9		
20E	-9	-9		
21E	-9	-9		
22E	-11	-11	2°	2°
23E	-12	-12		
24E	-14	-13		
25E	-13	-13		
26E	-14	-15	2°	2°
27E	-11	-11		
28E	-9	-9		
29E	-10	-10		
30E	-11	-11		

- This line was done June 13/68 by J Harper and N NEWSOM along with L45-W. - E.M JEM.

June 13/68

HELPER Hi	HELPER Lo	RESULT Hi	RESULT Lo	Notes
+8	+7	-1	-2	- flat
+5	+6	-2	-1	
+2	+3	-3	-2	
+3	+3	-2	-2	- creek running west
+9	+9	0	0	- sloping W 5°-10°
+11	+12	-2	-1	- sloping S.W.
+13	+12	0	0	
+7	+8	-2	-1	- flat
+7	+8	-2	0	
+9	+8	+1	+1	
+11	+11	+2	+2	- sloping SW. slightly
+10	+10	0	0	
+9	+9	-1	-2	
+10	+11	-1	0	
+9	+9	-2	-3	- sloping W. 5°
+9	+9	0	0	
+7	+7	-1	-2	
+9	+8	0	-1	
+7	+8	-2	-1	
+10	+10	-1	-1	- sloping SW. 5°-10°
+11	+13	-1	+1	
+12	+12	-2	-1	
+13	+13	0	0	
+12	+13	-2	-2	- 5°-15°
+12	+11	-1	0	- sloping W. 5°-10°
+8	+9	-1	0	
+9	+8	-1	-2	
+10	+9	-1	-2	

June 12/68 — CHIEF: N. NEWSOM

E.M: JEM — HELPER: J. HARPER

PHIL GROUP — CLOUDY PERIODS - WARM.

CHIEF

STN.	Hi	Lo	H.N.	L.N.
L165 2+00W	-5	-5	2°	2°
3+00W	-5	-4		
4W	-7	-7		
5W	-8	-8		
6W	-2	-1		
7W	+10	+10		
8W	+3	+3		
9W	-5	-5	2°	2°
10W	-6	-6		
11W	-6	-7		
12W	-7	-7		
13W	-8	-8		
14W	-7	-7		
15W	-7	-8	2°	2°
16W	-8	-9		
17W	-7	-7		
18W	-9	-8		
19W	-8	-8		
20W	-9	-9	2°	2°
21W	-9	-9		
22W	-7	-7		
23W	-7	-7		
24W	-7	-7		
25W	-9	-9	2°	2°
26W	-8	-9		
27W	-10	-10		
28W	-9	-9		
29W	-9	-9		
30W	-9	-8	2°	2°

HELPER Hi	HELPER Lo	RESULT Hi	RESULT Lo	Notes.
+2	+2	-3	-3	- flat
+3	+3	-2	-1	- river 1+00 ↑ 0+00
+5	+5	-2	-2	- flat
+7	+7	-1	-1	
-2	-1	-4	-2	
-12	-13	-2	-3	- sloping NE 15°
-2	-2	-1	-1	- flat
+2	+3	-3	-2	
+4	+4	-2	-2	
+4	+4	-2	-3	
+4	+5	-3	-2	
+6	+6	-2	-2	
+7	+6	0	-1	
+5	+5	-2	-3	- flat
+7	+7	-1	-2	- bombadier road between 16+00 - 17+00
+5	+5	-2	-2	
+6	+6	-3	-2	
+6	+6	-2	-2	- flat - creek 19+00
+6	+7	-3	-2	
+7	+7	-2	-2	
+5	+5	-2	-2	
+5	+5	-2	-2	
+6	+6	-1	-1	- flat
+8	+7	-1	-2	
+8	+8	-1	-1	
+7	+8	-3	-2	
+7	+7	-2	-2	
+7	+7	-2	-2	
+6	+6	-3	-2	

	CHIEF				HELDER		RESULT		(50) Notes.
ST.N.	Hi	Lo	H.N.	L.N.	Hi	Lo	Hi	Lo	
L245.30+00W	-9	-9	2°	2°	+7	+8	-2	-1	- flat
29W	-8	-8			+6	+6	-2	-2	- bombadier road
28W	-11	-11			+9	+9	-2	-2	between 28+00-29+00
27W	-11	-11			+10	+10	-1	-1	- flat
26W	-11	-11			+9	+9	-2	-2	
25W	-10	-9			+9	+8	-1	-1	
24W	-7	-7	2°	2°	+5	+5	-2	-2	- flat
23W	-7	-7			+4	+4	-3	-3	
22W	-6	-6			+4	+4	-2	-2	
21W	-5	-6			+5	+4	0	-2	
20W	-5	-5			+4	+3	-1	-2	
19W	-6	-6			+5	+5	-1	-1	
18W	-7	-7	2°	2°	+5	+5	-2	-2	- flat
17W	-8	-8			+6	+6	-2	-2	
16W	-8	-8			+7	+8	-1	0	
15W	-9	-9			+7	+7	-2	-2	
14W	-8	-8			+6	+6	-2	-2	
13W	-7	-7	2°	2°	+6	+6	-1	-1	
12W	-6	-7			+5	+5	-1	-2	
11W	+8	-9			+7	+5	-2	-4	
10W	-8	-8			+6	+6	-2	-2	
9W	-7	-7			+6	+5	-1	-2	
8W	-9	-8			+7	+7	-2	-1	
7W	-8	-7			+6	+5	-2	-2	
6W	-2	-3			+1	0	-1	-3	- sloping N. 10°-15°
5W	+3	+3	2°	2°	-5	-5	-2	-2	
4W	+3	+3			-4	-5	-1	-2	
3W	+3	+3			-5	-4	-2	-1	
2W	+1	+1			-3	-3	-2	-2	- almost flat
1W	-3	-3			+1	+1	-2	-2	
0+00	-3	-4			+2	+2	-1	-2	
1E	-5	-5			+3	+3	-2	-2	

STN.	CHIEF Hi	Lo	H.N.	L.N.
L24,S 2+00E	-8	-8	2°	2°
3E	-28	-27	2°	2°
4E	-35	-35	4°	3°
5E	-22	-22	4°	3°
6E	-18	-18	2°	2°
7E	-13	-12		
8E	-9	-9		
9E	-10	-9		
10E	-11	-11		
11E	-9	-9	2°	2°
12E	-9	-9		
13E	-10	-9		
14E	-9	-9		
15E	-11	-10		
16E	-9	-9	2°	2°
17E	-10	-10		
18E	-12	-12		
19E	-13	-15		
20(b)E	-12	-12		
20(a)E	-12	-13	2°	3°
21E	-13	-12	2°	2°
22E	-11	-12		
23E	-11	-11		
24E	-12	-12		
25E	-13	-13		
26E	-12	-11	2°	2°
27E	-11	-11		
28E	-11	-11		
29E	-13	-13		
30E	-14	-14		
L16,S 30+00E	-13	-13	2°	2°
29E	-13	-13		

HELPER RESULTS. (51)

Hi	Lo	Hi	Lo
+7	+7	-1	-1
+28	+27	0	0
+35	+35	0	0
+23	+21	+1	-1
+16	+16	-2	-2
+11	+12	-2	0
+8	+7	-1	-2
+8	+8	-2	-1
+9	+9	-2	-2
+9	+9	0	0
+8	+8	-1	-1
+8	+8	-2	-1
+6	+7	-3	-2
+8	+7	-3	-3
+7	+7	-2	-2
+8	+8	-2	-2
+10	+11	-2	-1
+13	+13	0	-2
+10	+10	-2	-2
+11	+10	-1	-3
+9	+9	-4	-3
+9	+9	-2	-3
+10	+9	-1	-2
+9	+9	-3	-3
+13	+12	0	-1
+10	+10	-2	-1
+11	+10	0	-1
+9	+9	-2	-2
+10	+10	-3	-3
+13	+13	-1	-1
+10	+10	-3	-3
+10	+11	-3	-2

Notes:

- river between 2+00 & 3+00
- sloping SW 30°
- sloping SW 15°-20°
- sloping 12°-15° SW
- slight slope SW
- flat
- flat.
- sloping slightly SW

	CHIEF			
STN	Hi	Lo	H.N.	L N.
L16$ 28+00 E	-12	-12	2°	2°
27 E	-14	-14		
26 E	-13	-13		
25 E	-10	-10		
24 E	-10	-10		
23 E	-11	-11	2°	2°
22 E	-11	-11		
21 E	-12	-11		
20 E	-14	-14		
19 E	-10	-10		
18 E	-9	-9	2°	2°
17 E	-10	-11		
16 E	-9	-9		
15 E	-9	-10		
14 E	-8	-9		
13 E	-10	-10	2°	2°
12 E	-12	-12		
11 E	-10	-10		
10 E	-9	-9		
9 E	-11	-11		
8 E	-12	-12		
7 E	-9	-9		
6 E	-7	-7	2°	2°
5 E	-8	-8		
4 E	-9	-9		
3 E	-14	-14		
2 E	-28	-29		
1 E	-52	-53	2°	2°
0+00	-32	-31		
1 W	-7	-7		

HELPER RESULT (52)

Hi	Lo	Hi	Lo	Notes.
+11	+11	-1	-1	- sloping slightly W.
+13	+13	-1	-1	
+12	+12	-1	-1	
+9	+9	-1	-1	
+8	+8	-2	-2	
+9	+9	-2	-2	
+9	+8	-2	-3	
+11	+11	-1	0	
+13	+13	-1	-1	
+9	+9	-1	-1	
+8	+8	-1	-1	
+7	+7	-3	-4	- flat
+7	+7	-2	-2	
+7	+7	-2	-3	
+7	+7	-1	-2	
+8	+8	-2	-2	
+8	+9	-4	-3	
+8	+8	-2	-2	
+8	+7	-1	-2	- sloping W. 5°
+11	+10	0	-1	
+11	+10	-1	-2	
+7	+7	-2	-2	- flat
+5	+5	-2	-2	
+6	+6	-2	-2	
+8	+7	-1	-2	
+13	+12	-1	-2	- sloping S.W.
+27	+27	-1	-2	- sloping S.W. 15°
+51	+51	-1	-2	- sloping S.W. 40°
+30	+30	-2	-1	- river 14+00 W $\int_{0+00}^{14+00} 45°$
+6	+6	-1	-1	

June 13/68 — GROUP: PHIL — CHIEF: N. NEWSOM

E.M. - JEM — WARM - CLEAR CLOUDY — HELPER: J. HARPER

chief

STN	Hi	Lo	H.N.	L.N.
L45. 0+00	-11	-10	2°	2°
1W	-10	-10		
2W	-10	-10		
3W	-10	-10		
4W	-10	-10	3°	2°
5W	-11	-10	2°	2°
6W	-15	-15		
7W	-22	-21	3°	2°
8W	-25	-25		
9W	-18	-18		
10W	-7	-7		
11W	-1	-1		
12W	+8	-8	2°	2°
13W	+5	+5		
14W	-7	-7		
15W	-8	-8		
16W	-9	-8		
17W	-10	-10	2°	2°
18W	-10	-10		
19W	-10	-10		
20W	-9	-9		
21W	-10	-10		
22W	-10	-10	2°	2°
23W	-9	-9		
24W	-10	-10		
25W	-9	-9		
26W	-11	-11	2°	2°
27W	-9	-11		
28W	-10	-10		
29W	-13	-13		
30W	-13	-12		

HELPER Hi	HELPER Lo	RESULT Hi	RESULT Lo
+9	+8	-2	-2
+9	+9	-1	-1
+9	+9	-1	-1
+8	+8	-2	-2
+8	+9	-2	-1
+11	+10	0	0
+14	+14	-1	-1
+21	+19	-1	-2
+23	+23	-2	-2
+16	+16	-2	-2
+6	+6	-1	-1
-1	-2	-2	-3
-10	-10	-2	-2
-6	-8	-2	-3
+5	+6	-2	-1
+5	+6	-3	-2
+6	+6	-3	-2
+8	+8	-2	-2
+8	+8	-2	-2
+8	+8	-2	-2
+8	+7	-1	-2
+8	+8	-2	-2
+9	+8	-1	-2
+8	+8	-1	-1
+9	+8	-1	-2
+8	+7	-1	-2
+9	+9	-2	-2
+8	+8	-1	-3
+9	+8	-1	-2
+13	+12	0	-1
+9	+10	-4	-2

Notes:

- flat to SW. 5° slope
- sloping SW. 5°-10°
- sloping SW. 15°
- SW. 20°
- river 9+00 10+00
- sloping NE
- sloping NE. 10°-20°
- sloping slightly W.
- flat
- sloping slightly W. 3°-5°
- sloping 5-7° W.
- creek flowing W.
- sloping W.
- small creek - W

May 28

Cold acid bath 1:7 HCl

1_1-2K slow bubbling for several hrs not dolo
1_2-2K slow bubbling " " " " "

3-2K slow bubbling - mainly bedding dead @ 2 hrs
3a-2K

1-4K

1_1-6K
1_2-6K
2_1-6K
2_2-6K

Dolomite - Platey, Graphitic, siliceous

Phyllite - Graphitic, sericitic, phyllite
spotted

Limestone -

Sandstone - quartzose
feldspathic