

INSTRUCTIONS ⑥

BRUCE OR
JANE
896361

X, Y, Z

for **HIGHLAND VALLEY GEOCHEMISTRY**
GROVE ANALYSES - HIGHLAND VALLEY

① X, Y, Z COORDINATES TO BE FOUND USING
1 KILOMETER SQUARE GRID (AT BASE SCALE 1" = 1/2 MILE
SO IT FITS THE SAMPLE MAPS) FOR EACH SAMPLE
LOCATION.

GRID HAS ALREADY BEEN MADE. NOTE, THERE
IS A COARSE OVERLAY WITH 1KM SQUARES AND A
MOVABLE ONE WITH 1/10 ~~km~~ SQUARES - AN EYEBALL
ESTIMATE CAN BE MADE TO THE NEAREST "TENTH"
IN THE 1/10 KM GRIDS

ie X = 19.65 is the type of coordinate
expected.

NOTE ① ENTER THE COORDINATES ON THE SW CORNER
OF EACH MAP SHEET FOR REFERENCE

② ODD-LOOKING NUMBERS AT THE ORDINATES OF MAP-
SHEETS RESULT FROM OVERLAYING METRIC ON ENGLISH
UNITS.

③ THE EASIEST METHOD OF PLOTTING IS TO TAPE DOWN THE
BASE MAP, OVERLAY AND ALIGN THE COARSE 1KM
GRID THEN TAPE IT IN PLACE AND FINALLY TO USE
THE FINE GRID FOR GETTING COORDINATES (see back of
sheet for suggested tabulation method)

④ ELEVATION IS ESTIMATED TO NEAREST 10 FEET BY EYE
- CONTOUR INTERVAL ON THE MAPS IS 50 FEET.

⑤ NOTE THAT ^{THERE ARE} SEVERAL COPIES OF EACH MAP SHEET
(more than one sample collector working at same time).

⑥ THE NUMBERING SYSTEM CODE IS AS FOLLOWS:

(Extra copies put
in basement against
north wall in a box)

INSTRUCTIONS

[] of X, Y, Z

92 I / 11 B

BR - 11 B - 11 ← 11th sample collected by BR ^{in sheet} ~~in sheet~~
 ↑ ↑
 Collector's Initials NTS map sheet

92 I / 11 B (note that the convention was not always followed see sheet 10d)

② COORDINATES (X, Y) ARE THEN TO BE ADDED

TO CODING SHEETS SO THAT THEY CAN

BE KEYPUNCHED FOR COMPUTER PROCESSING -

(Both trace and major element analyses

are involved.)

③ COMPILE A LIST AND TABULATE ~~SAMP~~

NUMBER OF SAMPLE LOCATIONS FOR WHICH THERE

ARE NO (A) MAJOR ELEMENT ANALYSES.

NO (B) TRACE ELEMENT ANALYSES.

(NOTE THESE SAMPLE ARE STILL BEING PROCESSED).

④ Tabulation Form

	1	2	3	4	5	6
	Sample No	X	Y	Z	X _{corrected}	Y _{corrected}
i.e.	JN 7d - 6	10.11	19.91	5150'	36.84	33.84
	↑ sw corner	coordinates of 7d are				
		X = 26.73	Y = 13.93		X _{corrected} = 10.11 + 26.73	Y _{corrected} = 19.91 + 13.93

(add a column for metric equivalent of Z also)

x and y are found by assuming coordinates are 0, 0 at sw corner of each sheet (it will make finding the numbers easier). x and y corrected are the real values of x + y found by

adding in the real coordinates at the sw corner with calculator - do this often all X+Y's found → adding in the real coordinates at the sw corner

H.V. GEOCHEM COORDINATES

B. RIPLEY
MAY 15, 1976

PROBLEM POINTS

1. E.G - ? - no other numbers
- located on ^{map} sheet 2e initial coordinates (5.86, 7.50)
- page one of yellow coordinate sheets.

2. SHEET 2e
GRID QUADRANT (8, 9)
- 2 unlabelled sample points.

3. ~~SHEET 10d - 2 locations labelled BR 10d 34~~
~~solved, checked on other maps, one of the 34's should have~~
~~been labelled 33.~~

4. SHEET 7e
- two locations labelled \Rightarrow BR 7e 80
- same on all maps

SOLVED: checked with D. Hopper.

5. ~~BL 7d 4 - 2 samples with Trace Analysis data,~~

6. ~~EG 6d 3 - as above~~

7. ~~BL 7d 9 - as above~~

8. ~~11b BM 9 - have 60 sets of trace analysis data,~~
~~which differ, -~~

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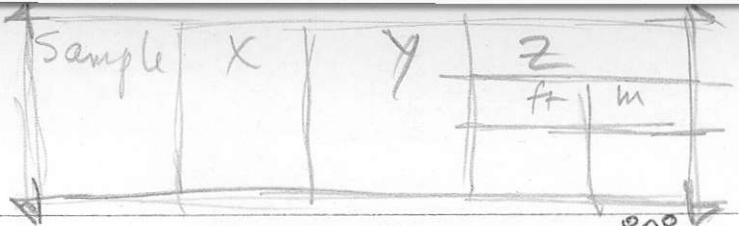
& p. 1d 6 (stopped set)

9. ~~11a JN 6 : 2 samples with trace analysis data,~~

10. ~~11g JN 21 as above.~~

116

5.00



JN-116-12 (9.31, 55.39, ¹¹⁰⁹3640') BM-116-4 (9.69, 43.19, ⁸⁰⁸2650)

BM-116-16 (11.21, 54.88, ¹⁵⁵⁴5100') BM-116-3 (10.30, 43.74, ⁹¹⁸3210)

BM-116-17 (11.53, 54.91, ¹⁵⁸⁵5200') JN-116-29 (12.77, 43.69, ¹³⁰⁰4265)

JN-116-13 (10.50, 54.67, ¹³⁷²4500') JN-116-8 (14.08, 43.11, ¹³⁸⁸4555)

JN-116-19 (55.08, 14.11, ¹⁶⁷⁹5510') JN-116-9 (14.79, 43.64, ¹³⁴⁷4420)

JN-116-18 (55.09, 14.49, ¹⁶⁷⁰5480') BM-116-10 (16.56, 42.82, ¹⁴⁵²4765)

JN-116-27 (16.69, 55.27, ¹⁷⁶⁸5800') BM-116-11 (17.04, 42.30, ¹⁵⁵³5095)

JN-116-26 (16.86, 54.60, ¹⁶⁹²5550')

JN-116-14 (9.59, 53.54, ¹²⁹⁷4255')

BM-116-14 (12.04, 53.55, ¹⁵⁵¹5090')

JN-116-20 (13.95, 53.54, ¹⁵⁶⁴5130')

JN-116-17 (14.81, 53.52, ¹⁶⁰⁹5280')

JN-116-10 (9.58, 52.72, ¹²⁶⁵4150')

JN-116-11 (10.09, 52.95, ¹²⁷¹4170')

BM-116-15 (12.34, 53.14, ¹⁵⁵¹5090')

BM-116-13 (13.51, 52.76, ¹⁵¹⁰4955')

JN-116-25 (15.20, 52.85, ¹⁵⁶¹5120')

JN-116-28 (16.54, 52.94, ¹⁶⁰⁸5275')

JN-116-22 (8.57, 50.51, ¹¹⁶⁶3825')

JN-116-4 (10.30, 50.98, ¹²⁸⁸4225')

JN-116-23 (12.76, 50.32, ¹⁴⁰²4600')

JN-116-24 (13.86, 50.46, ¹⁴⁰⁵4610')

JN-116-15 (13.40, 49.90, ¹³⁸²4535')

JN-116-16 (17.54, 51.30, ¹⁴⁵⁵4775')

BR-116-12 (17.11, 49.28, ¹²⁸⁰4200')

JN-116-21 (10.93, 48.80, ¹¹⁸⁰3870')

JN-116-5 (11.81, 48.90, ¹²⁵⁰4100')

JN-116-6 (11.80, 48.26, ¹²⁰⁷3960')

JN-116-8 (9.48, 47.79, ⁹³⁷3075')

BM-116-18 (16.37, 47.93, ¹¹²⁸3700')

EG-116-2 (17.71, 47.54, ¹¹⁵⁸3800')

BM-116-5+6 (9.18, 46.26, ¹¹⁴³3750')

JN-116-3 (13.91, 46.45, ¹²¹²3975')

JN-116-2 (14.96, 46.78, ¹³⁰⁸4290')

JN-116-1 (16.78, 46.74, ¹³⁰⁶4285')

BM-116-7 (9.60, 45.01, ¹⁰⁹⁷3600')

BM-116-2 (11.34, 44.95, ¹¹¹³3650')

BM-116-1 (11.65, 45.26, ¹¹³⁸3735')

JN-116-7 (14.22, 45.03, ¹³¹²4305')

BM-116-12 (14.71, 45.28, ¹³⁴⁹4425')

BM-116-9 (17.11, 44.57, ¹⁴⁷¹4825')

12" = 30.48 cm
1' = .3048 m.

GRIDDED BY Rekko

X, Y
75, 525

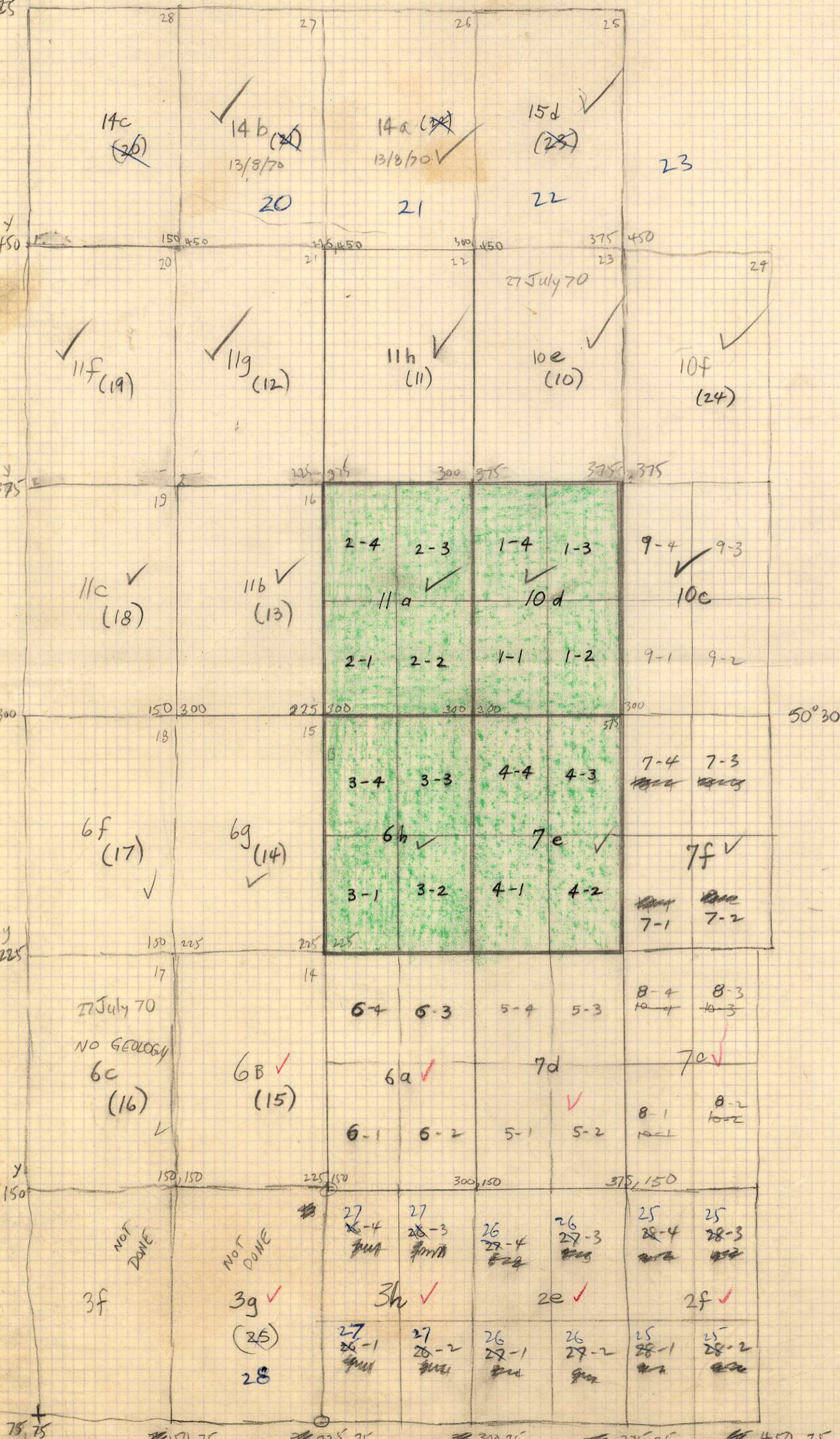
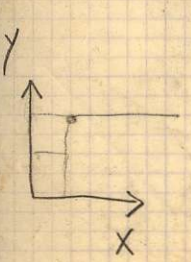
X, Y
75, 450

X, Y
75, 375

X, Y
75, 300

X, Y
75, 225

X, Y
75, 150



30
225
75