

84-#480 - 12521

GEOCHEMICAL ASSESSMENT REPORT ON
BETH 1, 4, 6 and 7 CLAIMS
NTS 93L/7E

Lat. $54^{\circ}18'N$, Long. $126^{\circ}38'W$

Omineca R.D.

Joint Venture With:

Cominco Limited
200 Granville Street
Vancouver, B.C.
V6C 1S4

Operated By:

Selco-Division of BP Exploration Canada Limited
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,521

J. Gravel
S.J. Hoffman

June 1984

BPXV 84-3

Summary

Two zones of geochemical interest have been defined by the 1984 Buck Creek project soil survey. Both zones have coincident gold, zinc, arsenic, lead and copper soil anomalies, a metal assemblage identical to the mineralization exposed in Bob Creek. The northern zone of enhancement centered on L78N at 10+00E is the southern limit of a larger anomaly discovered by the 1983 Buck Creek grid. Gold concentration ranges from 30 ppb to over 200 ppb. The southern metal enriched zone coincides with a small knob where the overburden appreciably thins, found on L58N at 15+00E. Gold varies from 46 ppb to 145 ppb in an area 200 metres across.

The Buck Creek Property was optioned by Selco Inc. from Cominco Limited in 1983. The geochemical surveys test for the potential of a large hydrothermal alteration zone accompanied by a high tonnage, low grade precious metal deposit.

Detailed follow-up using geochemistry, geology and prospecting is recommended.

Recommendations

- 1) Sample interval within the areas of interest should be reduced to 50 metres over new and old grid area.

- 2) Geological and prospecting follow up of the two significant gold anomalies are warranted.

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Introduction

During 1983, the Buck Creek Property was optioned by Selco Inc. from Cominco Limited to assess the potential of a large hydrothermal alteration zone with coincident soil geochemical anomalies for a large tonnage, low grade precious metal deposit.

The property has a long history of exploration, beginning with the discovery of placer gold in Bob Creek in 1914, and subsequent identification of the intensely altered rock in the Bob Creek canyon as the likely source.

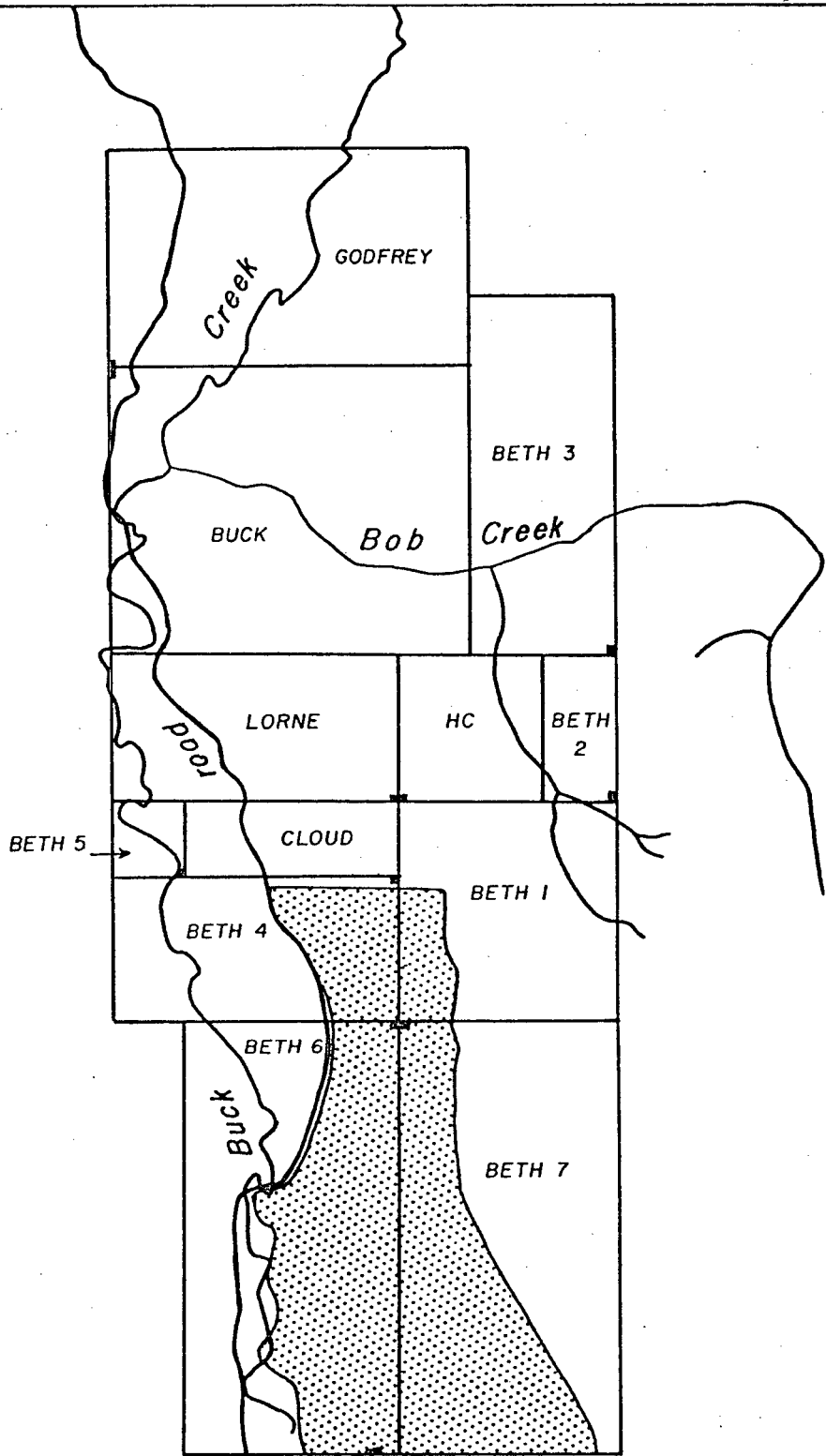
Geological and geochemical indications suggest an extension of the zone of interest to the south. A grid soil geochemistry survey was conducted in May, 1984 over the BETH 1, 4, 6 and 7 claims, to test the areas potential. The crew of Bob Arnold, Bob Plummer and Dan Griesbecker collected 546 soil samples over 51 kilometers of grid in 36 man days. The area has not been geologically studied.

Results of the sampling program are described and interpreted in this report.

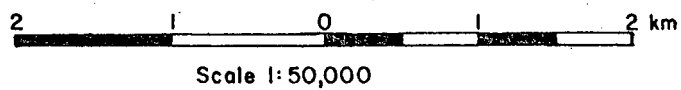
Location and Access


The Buck Creek property is located 15 kilometers south of Houston, B.C. near the junction of Bob and Buck Creeks at latitude $54^{\circ}18'N$ and longitude $126^{\circ}38'W$ on NTS map 93L/7E (Fig. 1).

Access is via the Buck Flats road south from Houston and by Range road along Buck Creek.



soil grid



 **SELCO INC.** EXPLORATION
WESTERN CANADA

**BUCK CREEK PROSPECT
CLAIM MAP**

DRAWN BY Z.J.W.	DATE OCT. 1983	N.T.S.	PLAN
TRACED BY	DATE	93 L/7E	

Land Status

The BETH 1, 4, 6, and 7 claims total 55 units located on NTS map sheet 93L/7E (Fig. 1).

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Mining Division</u>	<u>Recording Date</u>	<u>Expiry Date</u>
##BETH 1**	3622	9	Omineca	02.03.81	02.03.93
##BETH 4**	3625	8	Omineca	02.03.81	02.03.93
BETH 6++	5526	18	Omineca	12.08.83	12.08.84
BETH 7++	5527	18	Omineca	12.08.83	12.08.84

**Owned by Cominco

++Owned by Selco

##Grouped - BETH 1 Group, February 24, 1984

Physiography

The grid overlies a gentle and steep west facing slope ranging in elevation from 800 metres to 1050 metres above sea level. The grid is bounded on the east by a north-south trending ridge and on the west by a parallel stream valley. Vegetation is mixed, consisting of open forests of spruce, pine, and poplar as well as grassy open hilltops.

Overburden and Soils

Residual material and talus cover the eastern edge of the grid along the side of the ridge. The moderate slopes are extensively underlain by glacial till that gives way to outwash deposits in the stream valley. Podzols are seen in the better drained soils in residual material and talus. Brunisols predominate over the moderately sloped regions of the grid. Thick organic horizons form in areas of seepage along the break-in-slope.

Sample Collection and Analysis

Field information of a technical nature was recorded according to a format present in Appendix 2-1 before the listing of analytical data. Plots of recorded field parameters are included after the listing of data (Figs. 2A - M).

The soil survey was conducted on flagged lines established by the samplers. Samples were collected at 100 metre intervals on lines spaced 100 metres apart. The northern most line (78+00N) overlaps the 1983 Buck Creek soil grid. Gusseted wet strength paper soil sample bags measuring 10 cm x 25 cm were used in sample collection. Air drying at ambient temperatures was allowed prior to shipment to Vancouver, B.C.

Samples were analyzed for 33 elements by ICP and Atomic Absorption spectrometry at Acme Analytical in Vancouver, B.C. Their analytical procedures are summarized in Appendix 2-2.

Method of Data Evaluation

The procedure used to interpret the histograms of Fig. 3 is found in Appendix 2-3.

Description of Results

Introduction

The three largest dot sizes on the element plots (Fig. 4A-4V) represent threshold, anomalous and highly anomalous concentrations. Soil sample locations are given in Fig. 4.

1. Gold (Fig. 4A)

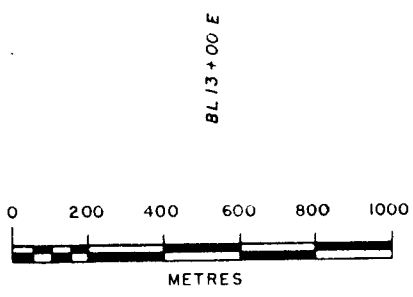
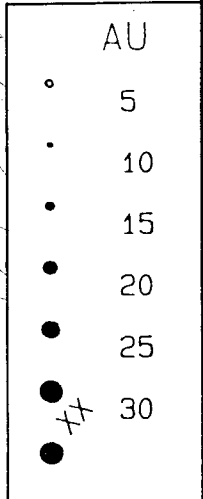
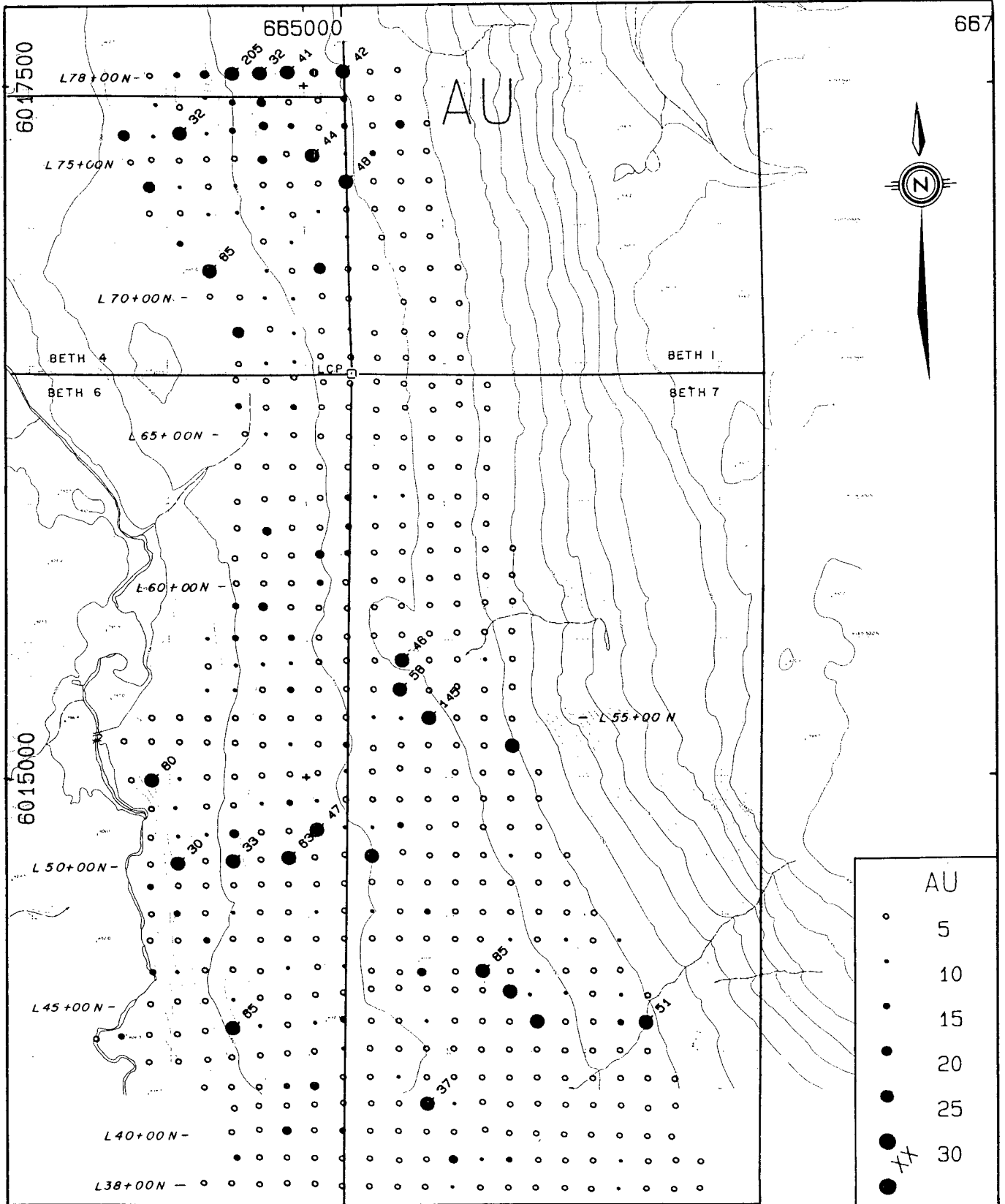
The distribution of gold appears relatively heterogeneous. Anomalies having diameters of 200 metres can be defined between L75N and L78N, open to the north. The northernmost anomaly lies within an area where gold contents exceed 15 ppb over an area approximately 400 metres X 400 metres. A second anomalous zone centres along L56N at 16E. A third anomaly at L45N and 19E is the weakest of the three gold-rich areas. Maximum gold values are in the 30 to 200 ppb gold range.

Carry over contamination introduced by pulverizing the soil samples is suspected along L76N, 75N and 50N. Carry over contamination is indicated by alternating very high (15 ppb) and low values reflecting the "leap frogging" method of sample analysis. A number of single point gold anomalies are defined elsewhere. These are rated very lowly.

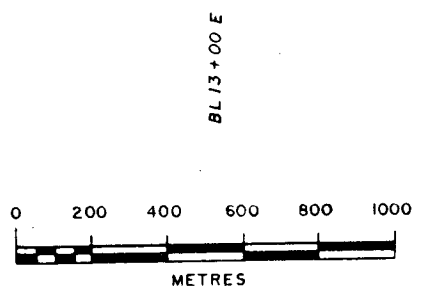
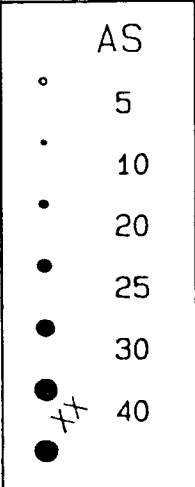
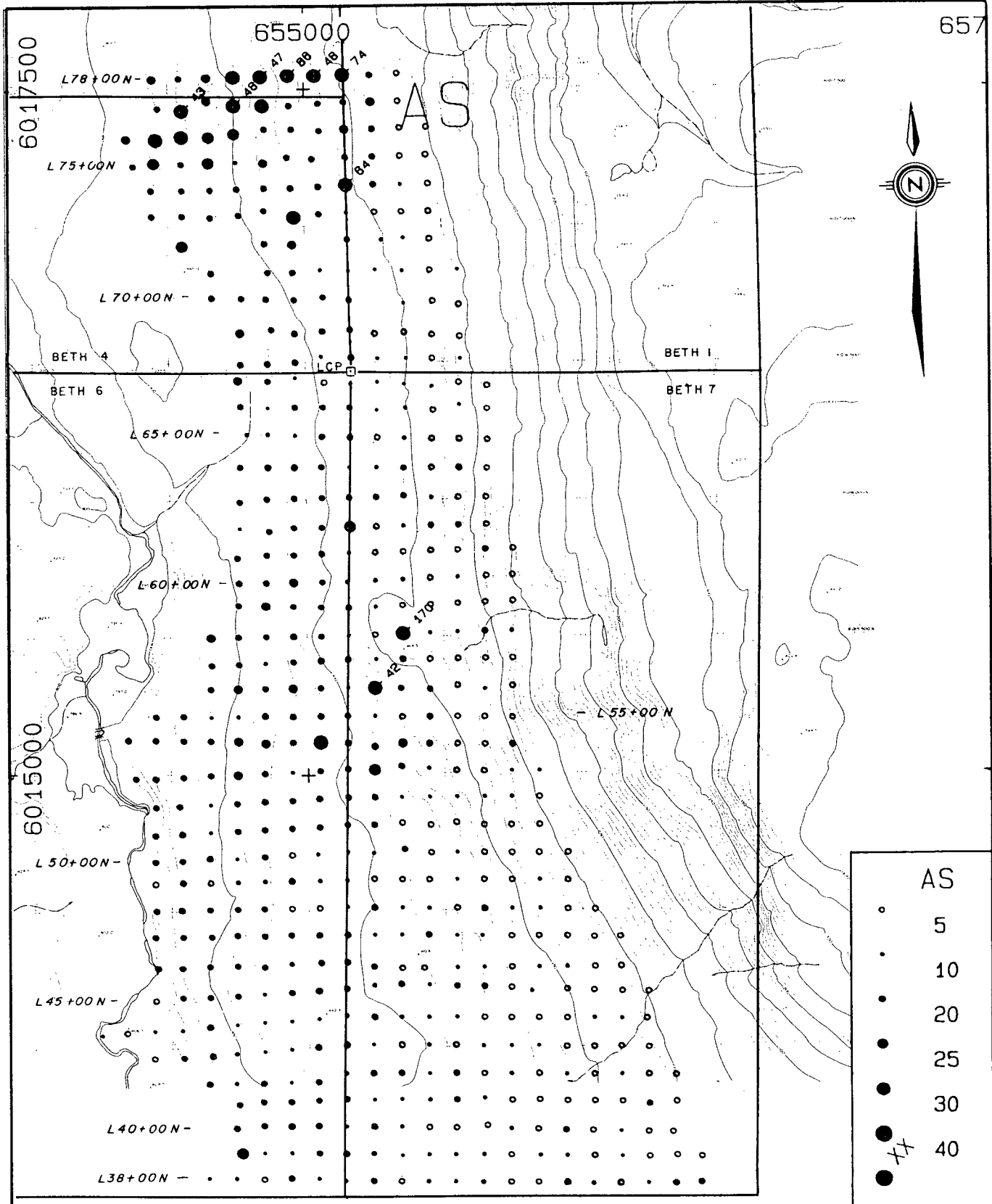
2. Arsenic (Fig. 4B)

Enhanced arsenic values dominate the distribution in the north, trending northeastward. Arsenic values are also high in proximity to the gold anomaly at L56N/16E. The third gold anomaly is not reflected by the arsenic distribution.

Arsenic contents on the east side of the grid are commonly at less than 5 ppm whereas average values in the west are in the 10 to 20 ppm range. Field site parameters do not suggest the change is due to geochemical factors, but topographic slopes are steeper in the east. The distribution is thought to reflect a change in underlying geology or overburden origin.



BP/ SELCO		
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY GOLD		
SCALE 1: 20,000	NTS 93 L/7	FIG. 4A
DWG No	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		



BP/ SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
ARSENIC**

SCALE 1:20,000	NTS 93 L/7	FIG. 4B
DWG No	DATE MAY 1984 PROJ. 554	
To accompany report: BPXV 84-3		

3. Silver (Fig. 4C)

Silver contents are at background levels. Above average backgrounds of 0.5 to 1.0 ppm are noted north of L75N.

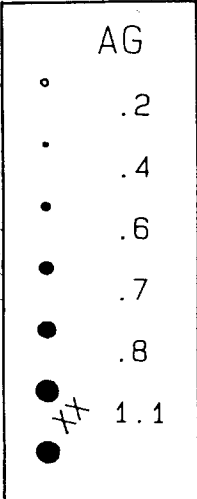
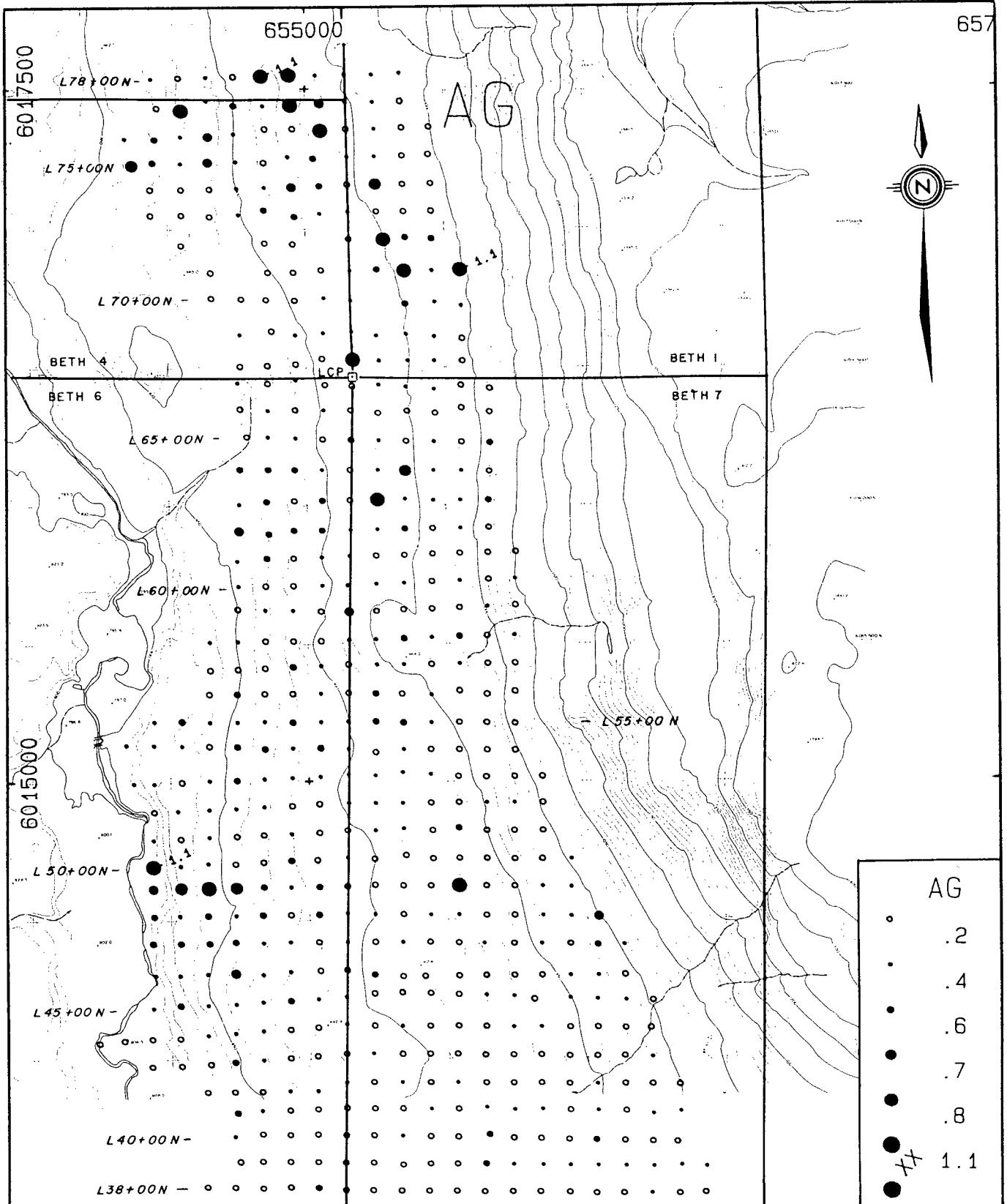
4. Copper (Fig. 4D)

Copper contents are enhanced in the north, associated with gold and arsenic, and with the central gold anomaly. High copper values in the west may be in seepage zones and probably reflect higher backgrounds associated with copper deposition from groundwater. Maximum copper contents in the 60 to 100 ppm are not indicative of high concentrations of copper sulphides in underlying bedrock unless overburden is very thick and/or of glaciofluvial origin. Lowest copper values of less than 20 ppm cluster in the southwest and are probably due to a different type of overburden or an underlying copper-poor lithology.

5. Lead (Fig. 4E)

Lead is regionally enhanced north of L73N. The distribution looks geological in character. Higher values still along L78N may be due to a rock type change. Lead levels in the 50 to 70 ppm range are approaching values where lead sulphides might be expected in underlying bedrock.

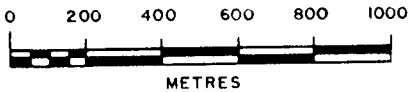
The central gold anomaly has one lead-rich sample whereas the southern gold anomaly is lead poor. Lead backgrounds in the east are less than 10 ppm whereas in the west backgrounds are higher at between 10 and 23 ppm.

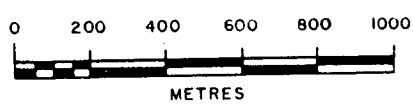
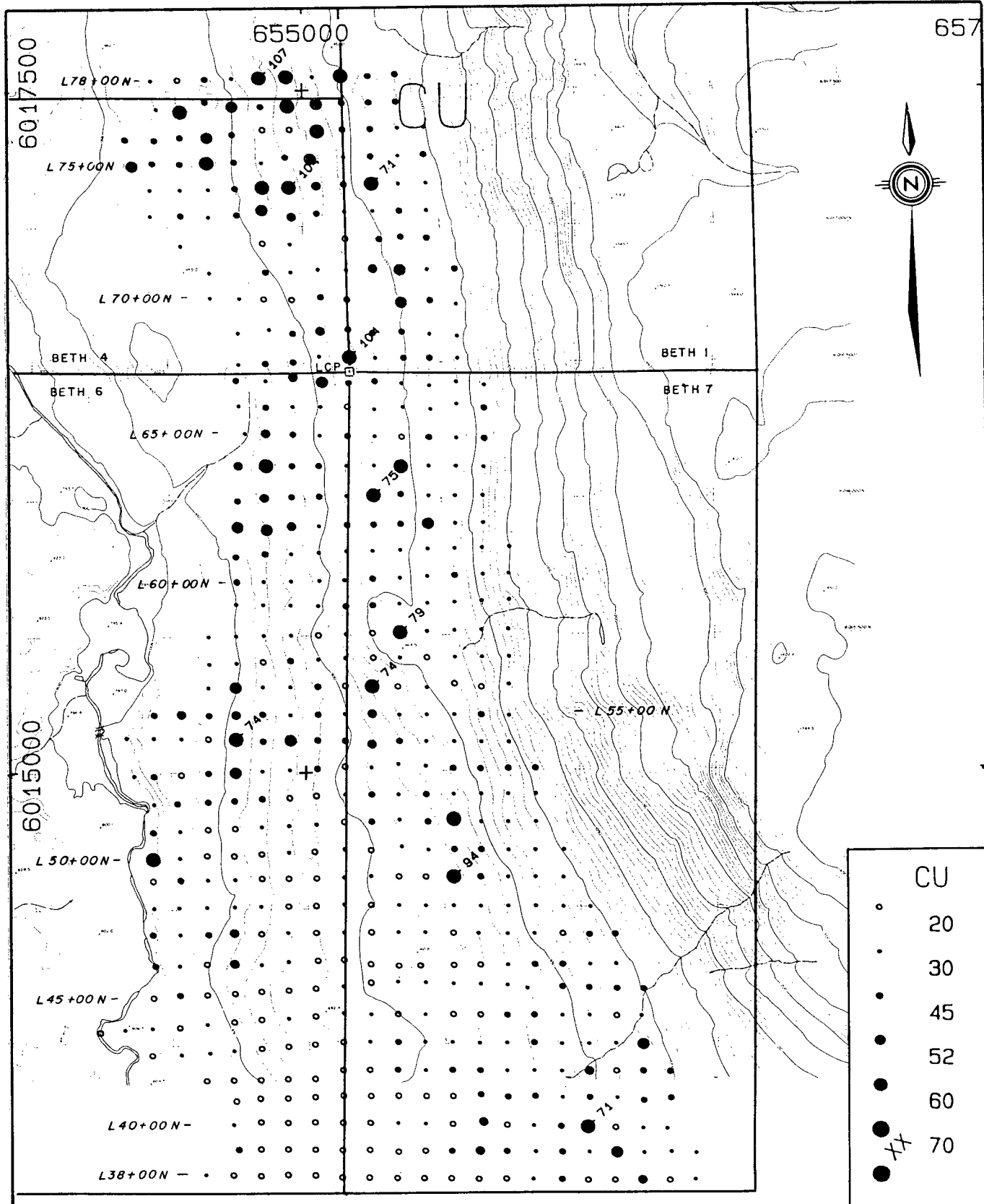


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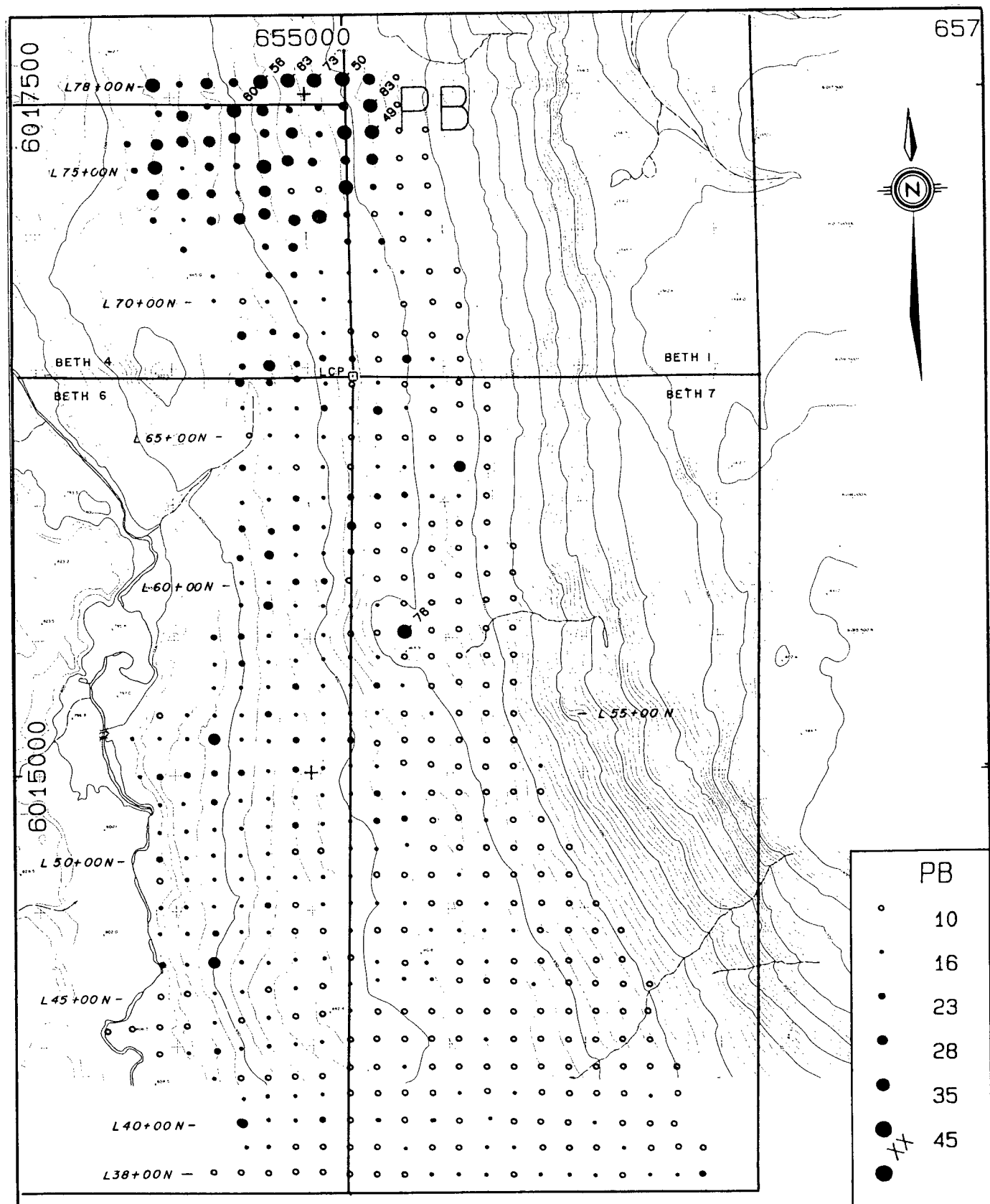
**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
SILVER**

SCALE 1:20,000	NTS 93 L/7	FIG. 4C
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		

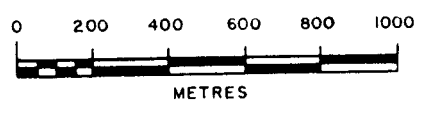




BP/ SELCO			
BETH 1,4,6,7 CLAIMS			
BUCK CREEK PROJECT, B.C.			
SOIL GEOCHEMISTRY			
COPPER			
SCALE 1:20,000	NTS 93 L/7	FIG. 4D	
DWG No	DATE MAY 1984	PROJ. 554	
To accompany report: BPXV 84-3			



PB	
○	10
◦	16
●	23
●	28
●	35
●	45
+	



BP / SELCO			
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY LEAD			
SCALE 1:20,000	NTS 93 L/7	FIG. 4E	
DWG No	DATE MAY 1984	PROJ. 554	
To accompany report: BPXV 84-3			

6. Zinc (Fig. 4F)

The zinc distribution is noisier than is usually the case for this element. Zinc-rich samples tend to cluster, suggesting zinc-rich units underlying portions of the grid in the north and east. The two northern gold anomalies have a zinc association. Some of the isolated zinc values exceeding 165 ppm are found in seepage zones or clay-rich samples.

7. Mercury (Fig. 4G)

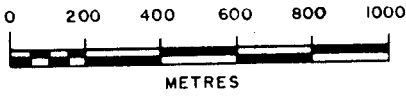
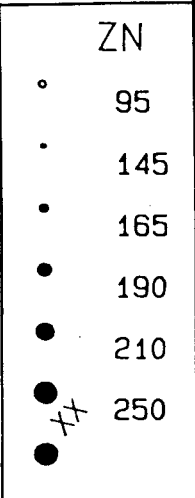
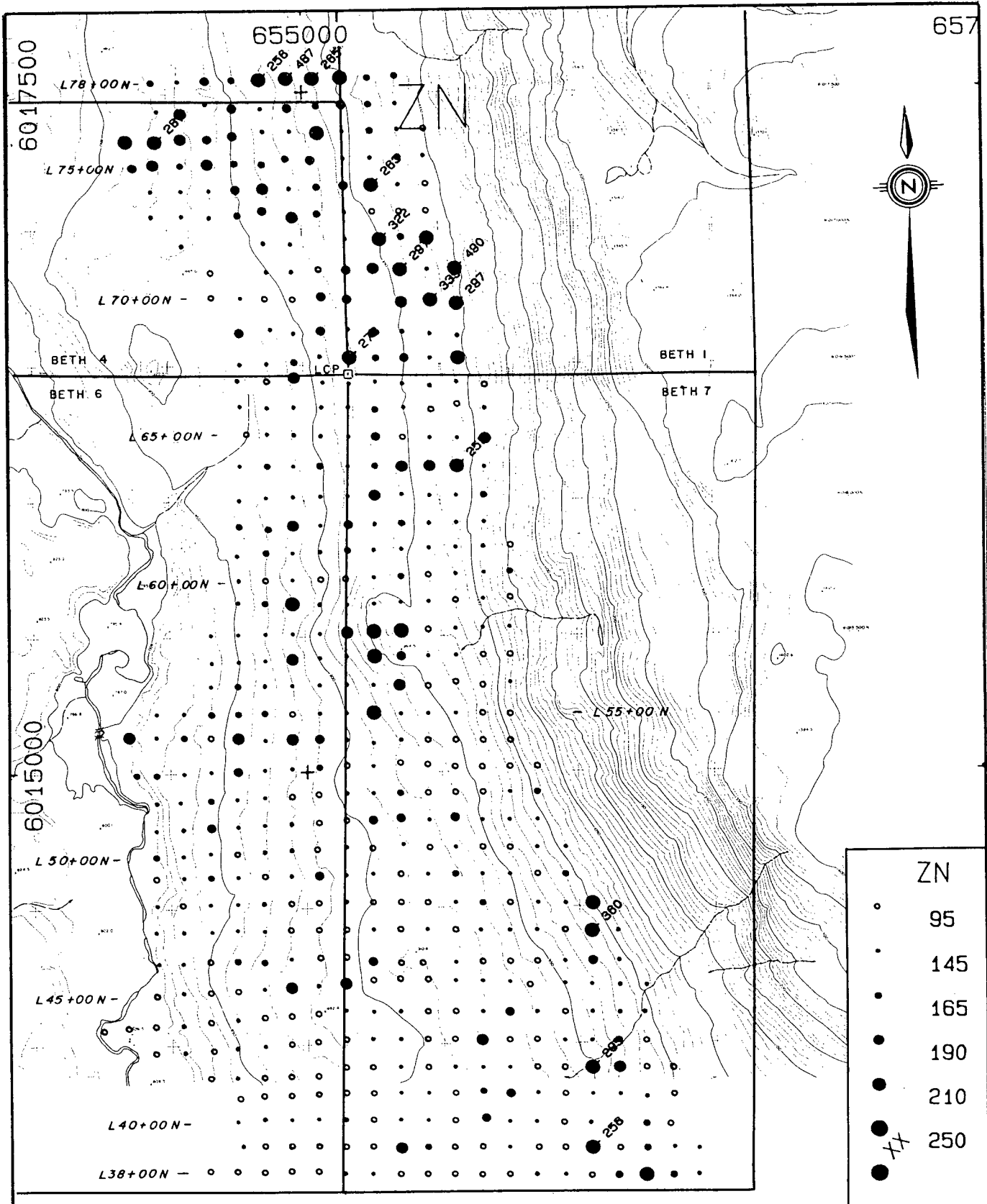
Mercury contents are greatest over the southern two-thirds of the grid. Gold is not spatially correlated with anomalies in the mercury distribution.

8. Iron (Fig. 4H)

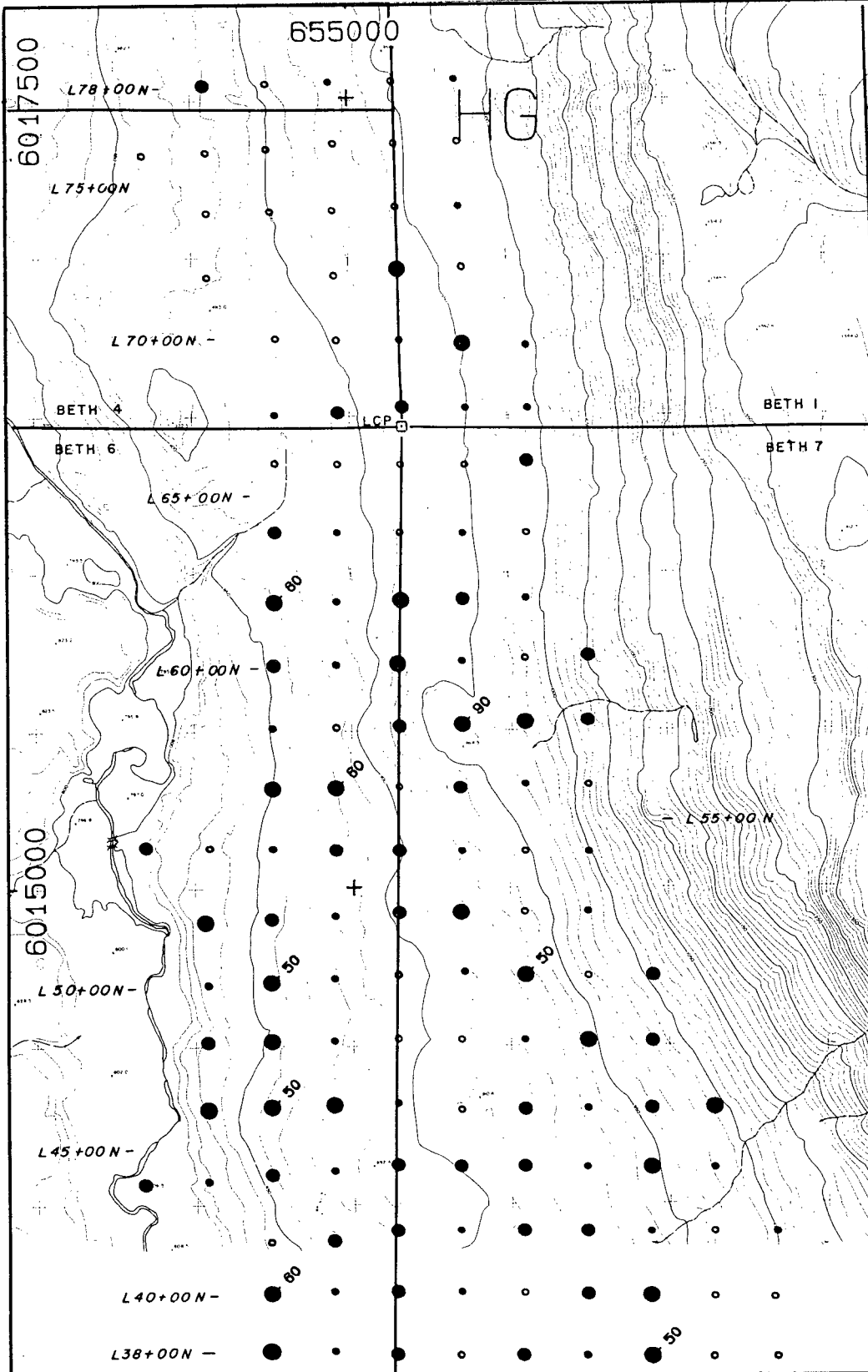
Iron contents are generally higher in the east than in the west. Three clusters of iron-rich soils are noted centering towards the eastern ends of L74N, L58N and L44N. Iron-rich soils contain between 4.5% and 6.0% iron and are probably reflecting underlying iron-rich lithologies. Iron-rich zones tend to be zinc-rich.

9. Manganese (Fig. 4I)

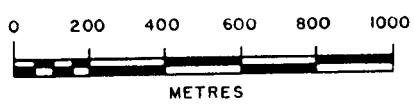
Manganese is not distributed in a fashion similar to iron. The southern two iron anomalies are accompanied by manganese-rich zones displaced several hundred metres to the east. The northern portion of the grid perhaps contains a weakly above average background iron content, but several other areas within the grid area are reflected by similar manganese contents.



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BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY ZINC			
SCALE 1:20,000	NTS 93 L/7	FIG. 4F	
DWG No.	DATE MAY 1984	PROJ. 554	
To accompany report:		BPXV 84-3	



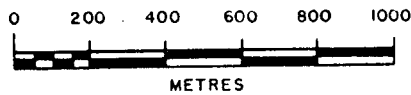
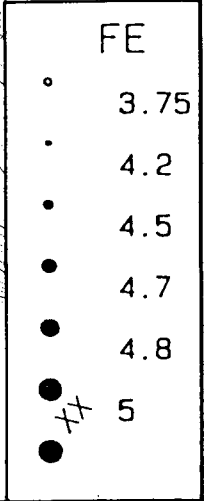
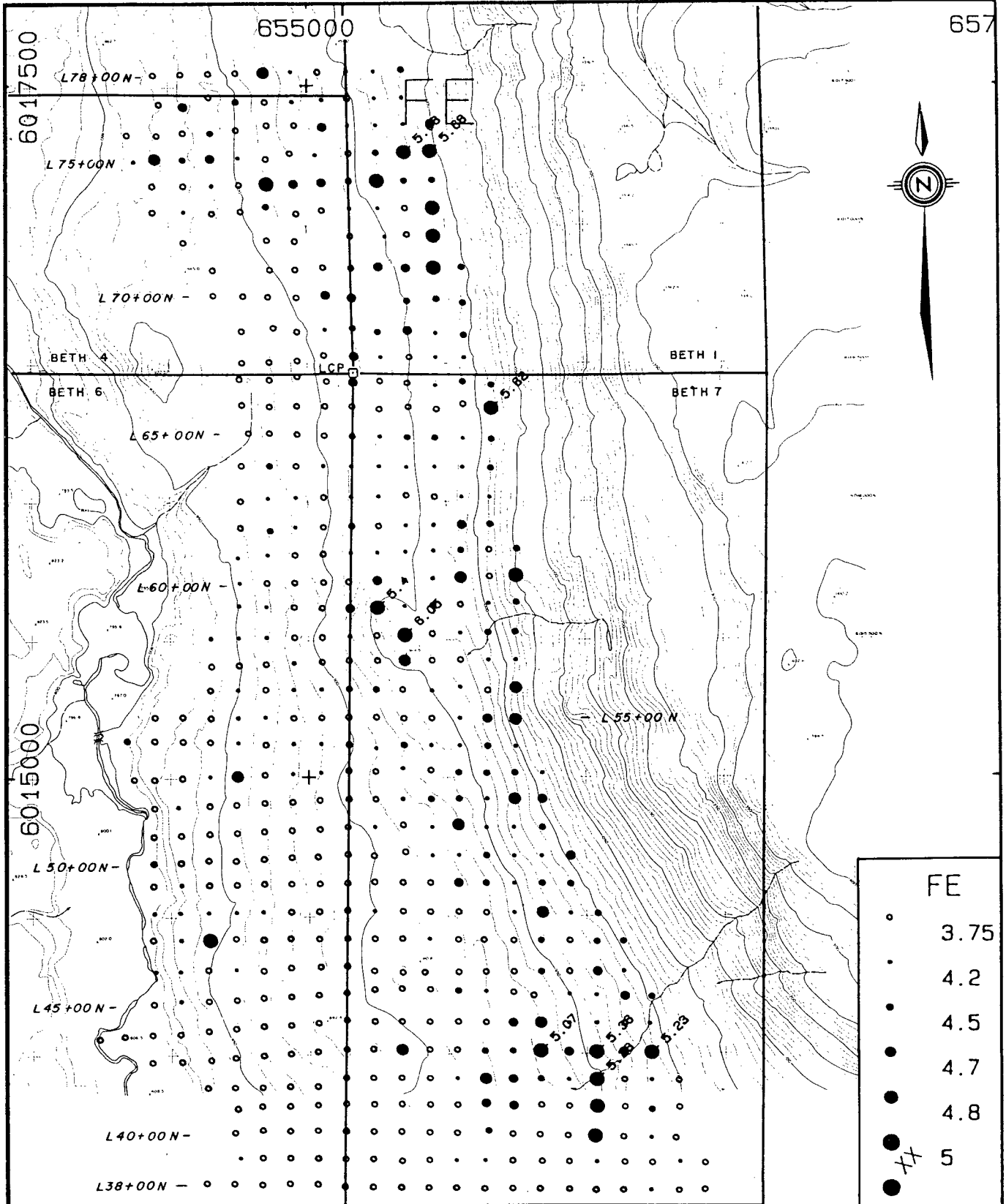
HG	
○	10
◦	15
●	20
●	25
●	35
●	50
+	50



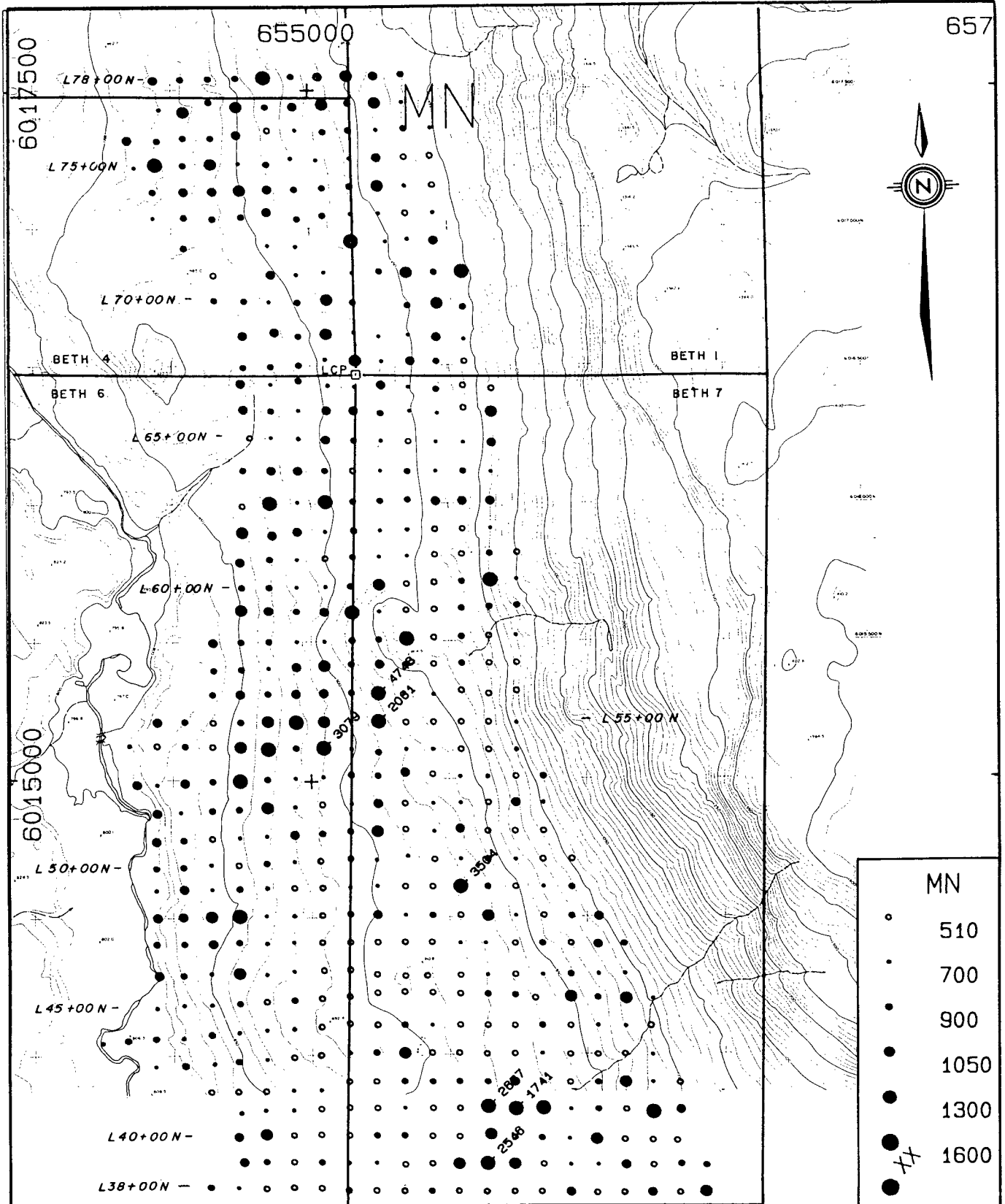
BP / SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
MERCURY**

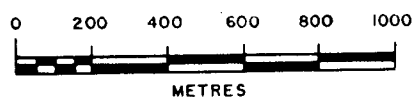
SCALE 1: 20,000	NTS 93 L/7	FIG. 4G
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		



BP / SELCO			
BETH I, 4, 6, 7 CLAIMS			
BUCK CREEK PROJECT, B.C.			
SOIL GEOCHEMISTRY			
IRON			
SCALE 1:20,000	NTS 93 L/7	FIG. 4H	
DWG No.	DATE MAY 1984	PROJ. 554	
To accompany report: BPXV 84-3			



MN	
○	510
◦	700
●	900
●	1050
●	1300
●	1600
⊕	1600



BP / SELCO			
BETH 1,4,6,7 CLAIMS			
BUCK CREEK PROJECT, B.C.			
SOIL GEOCHEMISTRY			
MANGANESE			
SCALE 1:20,000	NTS 93 L/7	FIG. 4I	
DWG No.	DATE MAY 1984	PROJ. 554	
To accompany report: BPXV 84-3			

10. Cobalt (Fig. 4J)

Cobalt anomalies accompany manganese at upper elevations. This is to be expected in view of the scavenging property of manganese for cobalt. Cobalt backgrounds are higher in the east than in the west.

11. Chromium (Fig. 4K)

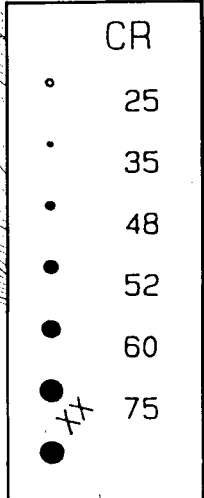
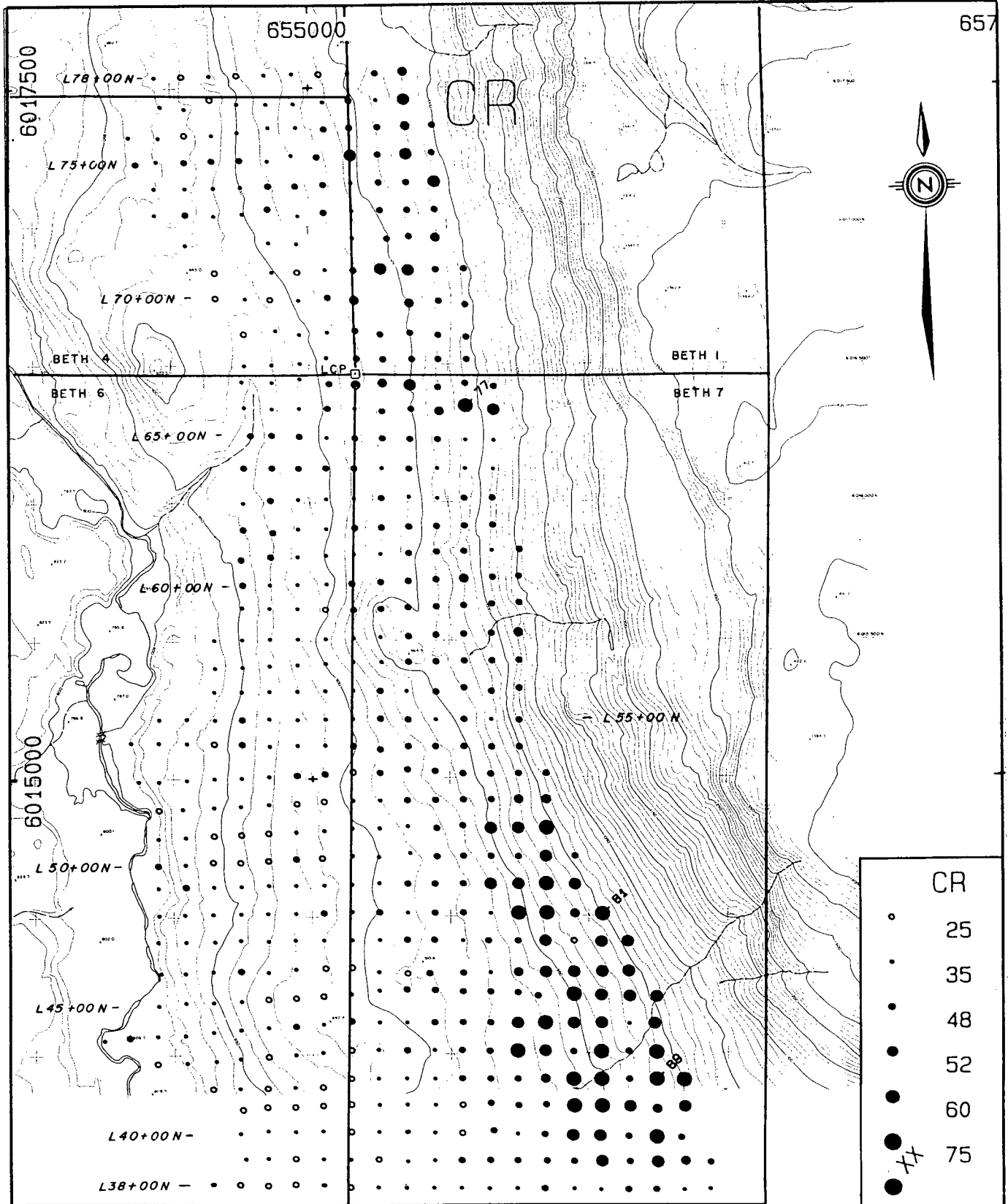
Chromium defines two areas, one in the northeast and the other in the southeast which are chromium-rich. These probably reflect an underlying, more mafic-rich lithology. Chromium contents are higher in the east than in the west.

12. Nickel (Fig. 4L)

The nickel distribution is sympathetic to that of chromium. Nickel contents are also enhanced across the grid between L63N and L65N and associated with the central gold anomaly.

13. Titanium (Fig. 4M), Phosphorus (Fig. 4N), Magnesium (Fig. 4O), Aluminum (Fig. 4P), Strontium (Fig. 4Q)

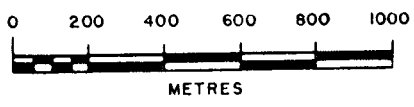
Distributions of these elements are dominated by notably higher values in the east compared to the west. A zonation can be defined whereby strontium and titanium are displaced further downslope, whereas phosphorus, aluminum and magnesium are more restricted in distribution. Magnesium, aluminum and strontium patterns are also similar to that described for chromium.



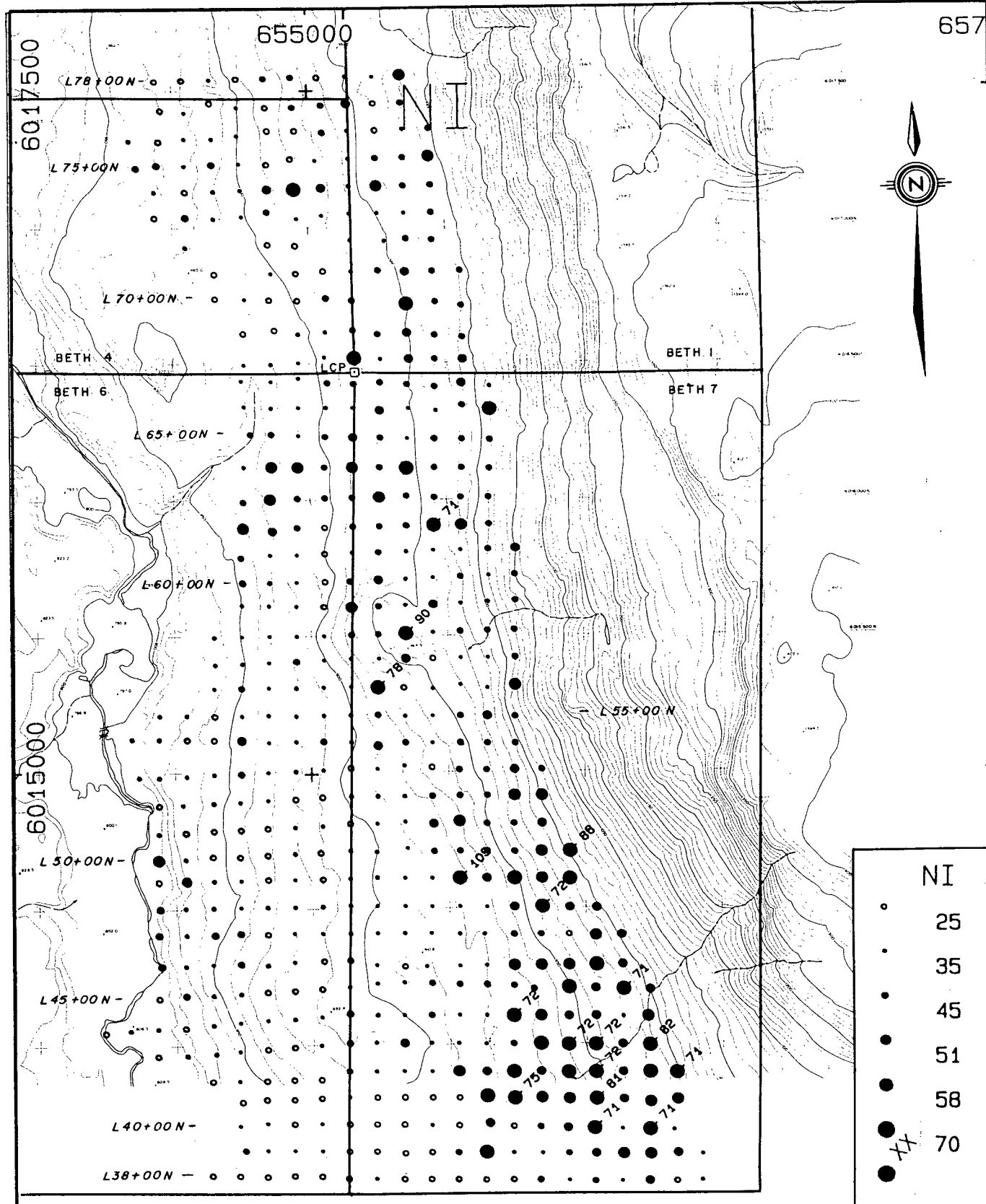
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**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
CHROMIUM**

SCALE 1:20,000	NTS 93 L/7	FIG. 4K
DWG No.	DATE MAY 1984	PROJ. 554
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BL 13+00 E

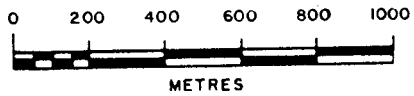


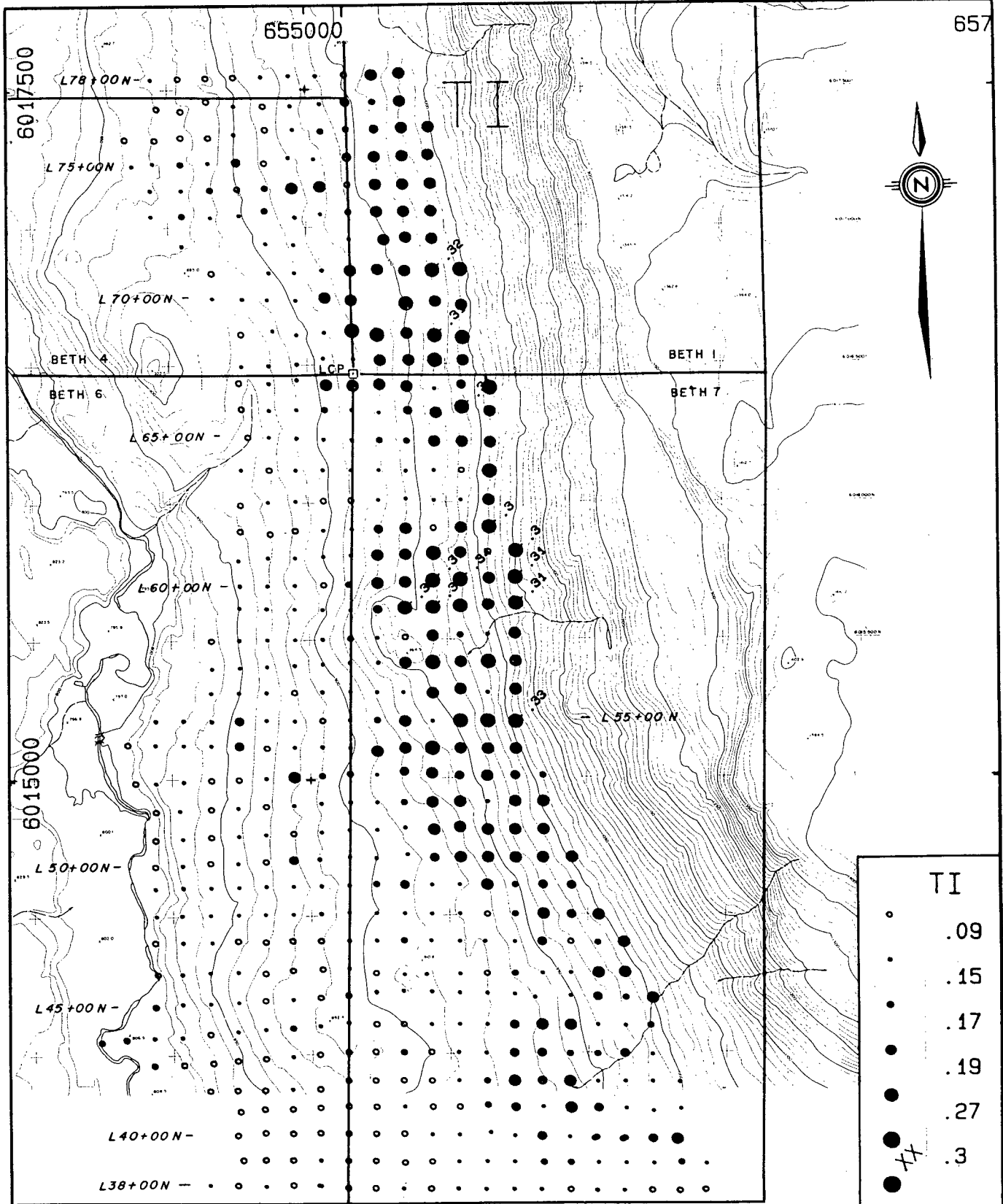
○	NI
●	25
●	35
●	45
●	51
●	58
●	70
●	XX

BP / SELCO

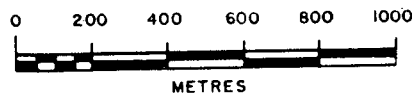
**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
NICKEL**

SCALE 1: 20,000		NTS 93 L/7		FIG. 4L
DWG No	DATE MAY 1984	PROJ. 554		
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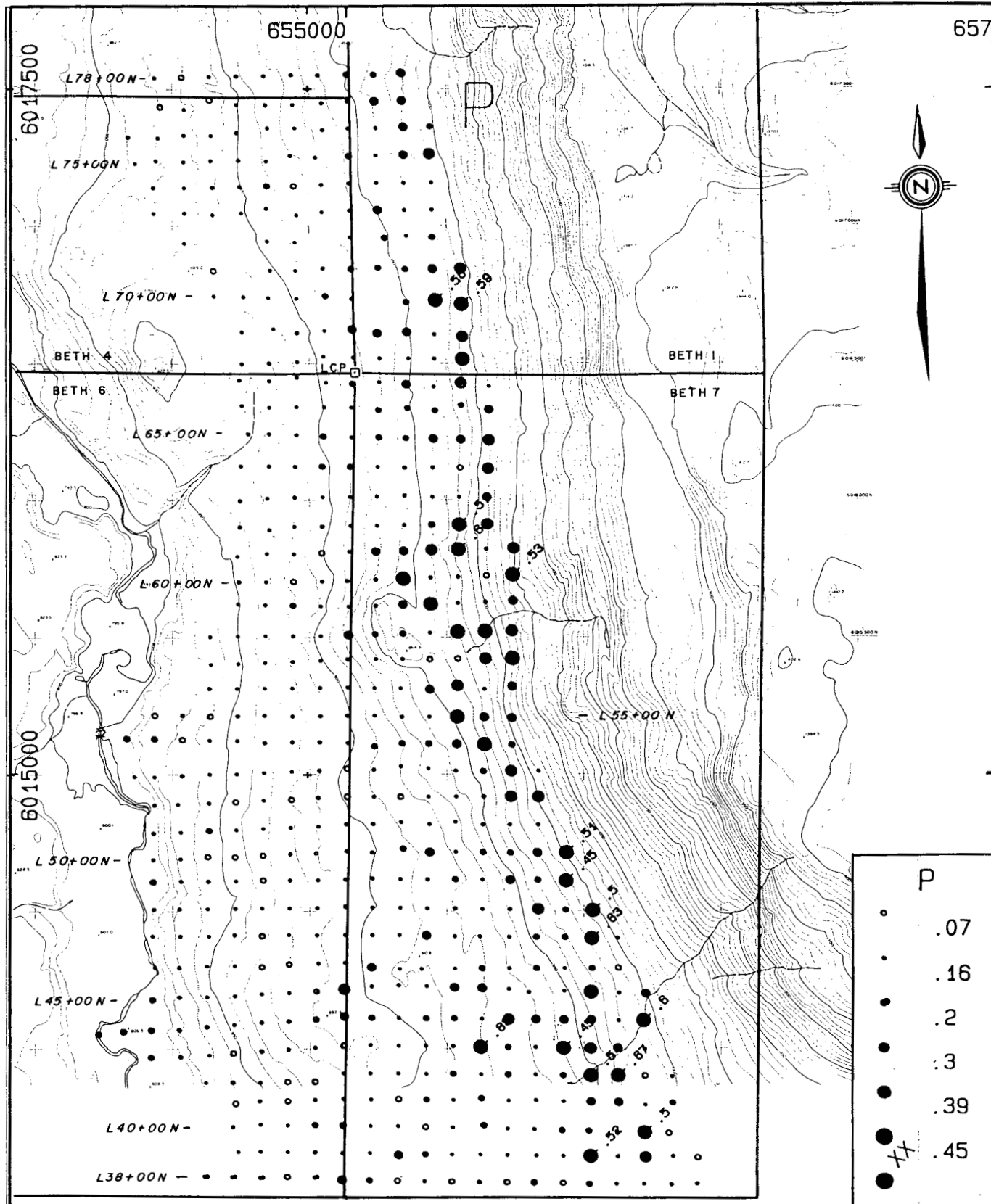
○	TI
○	.09
○	.15
○	.17
●	.19
●	.27
●	.3



BP / SELCO

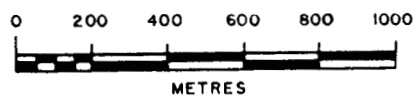
**BETH 1, 4, 6, 7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
TITANIUM**

SCALE 1: 20,000		NTS 93 L/7		FIG. 4M
DWG No	DATE MAY 1984	PROJ. 554		
To accompany report: BPXV 84-3				

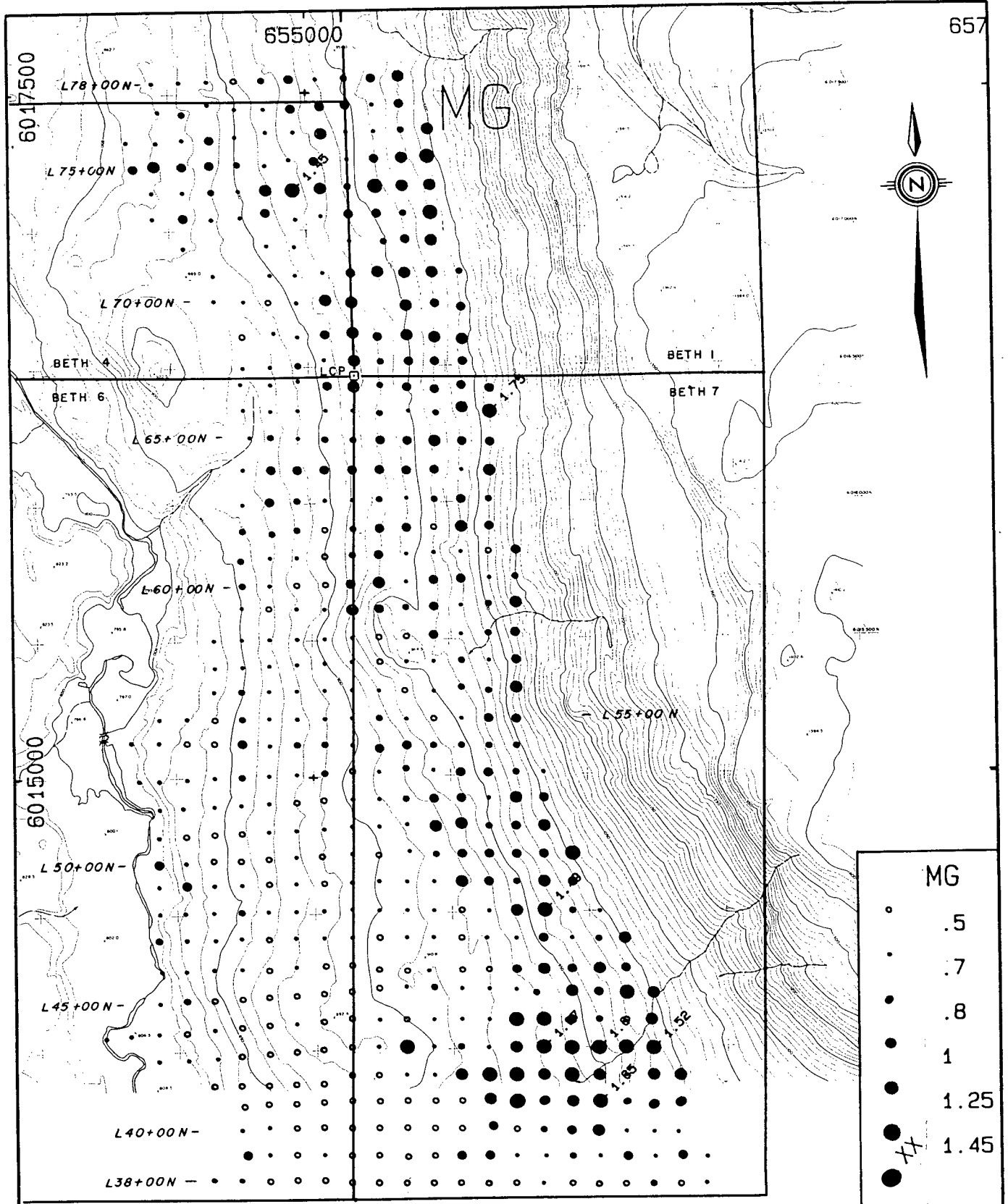


P	
○	.07
◦	.16
●	.2
●	.3
●	.39
●	.45

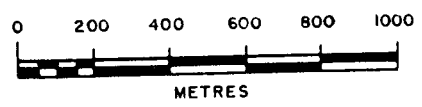
BL13600E



BP/ SELCO		
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY PHOSPHORUS		
SCALE 1:20,000	NTS 93 L/7	FIG. 4N
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		



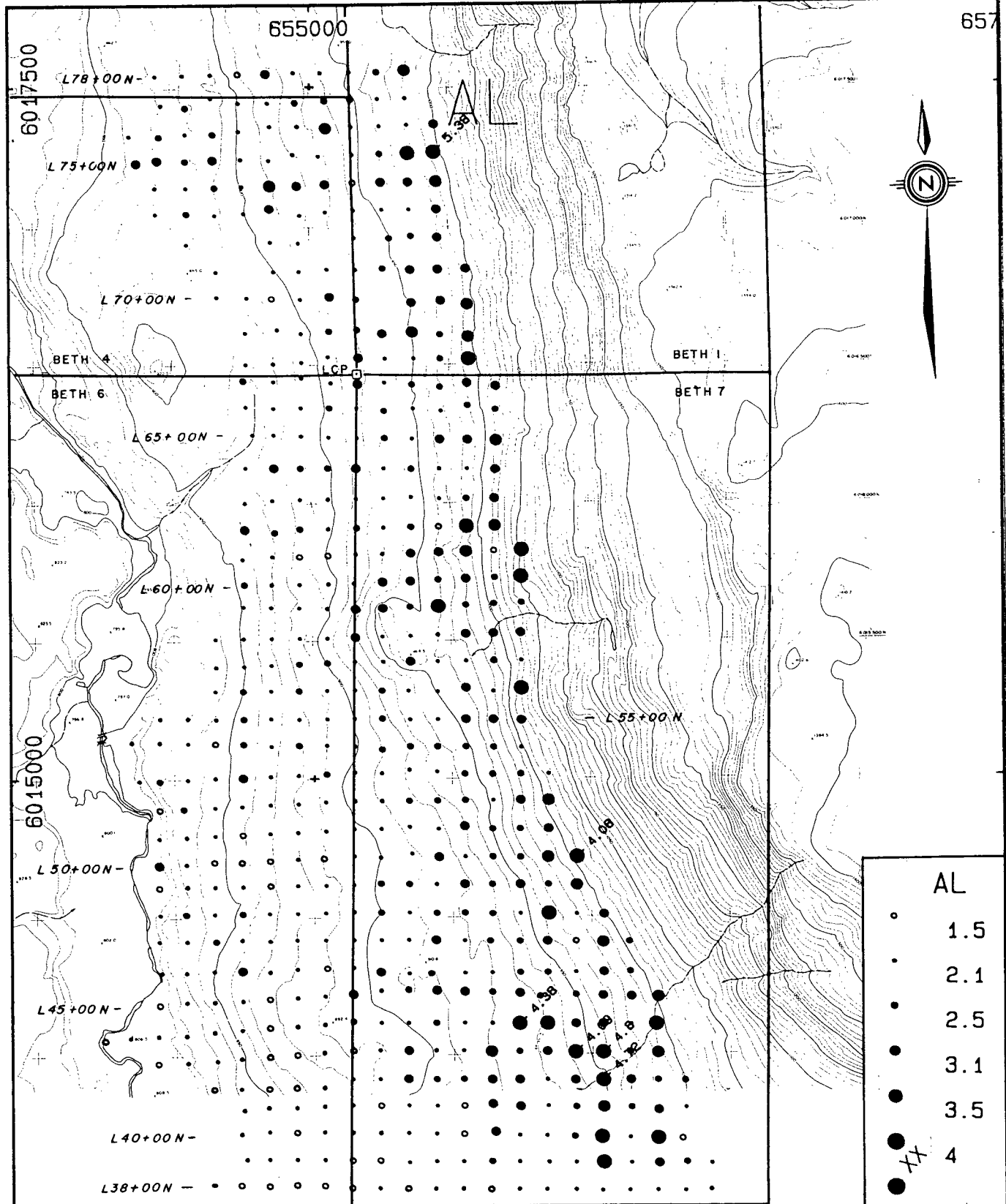
○	MG	.5
◦		.7
●		.8
●		1
●		1.25
●		1.45
+		



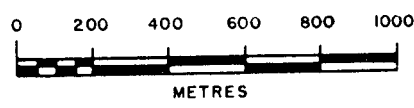
BP / SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
MAGNESIUM**

SCALE 1:20,000	NTS 93 L/7	FIG. 40
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		



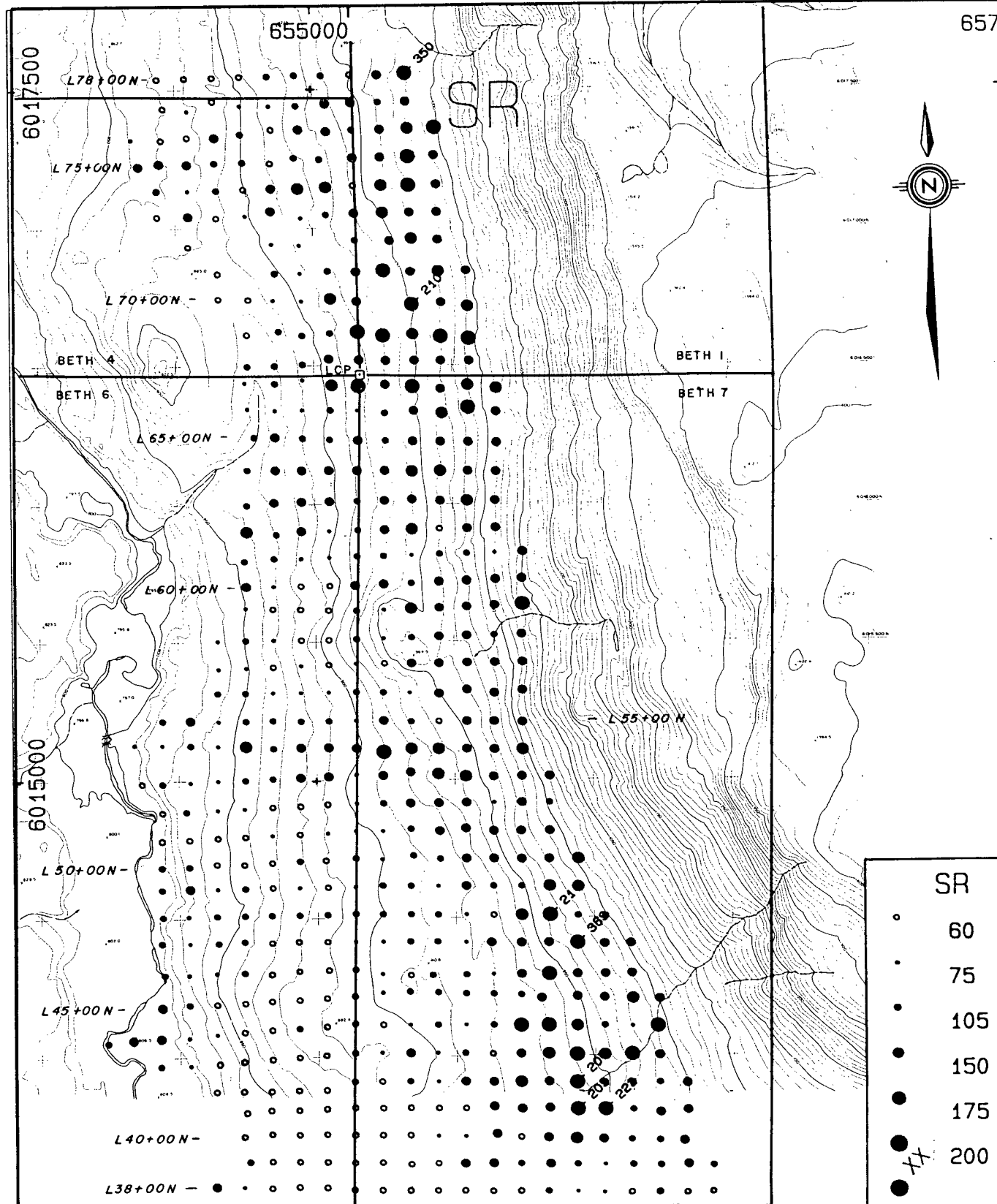
○	AL
●	1.5
●	2.1
●	2.5
●	3.1
●	3.5
●	4



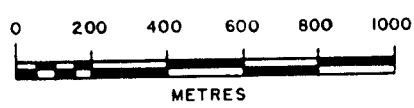
BP / SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
ALUMINUM**

SCALE 1:20,000	NTS 93 L/7	FIG. 4P
DWG No	DATE MAY 1984	PROJ. 354
To accompany report: BPXV 84-3		



SR	○
60	○
75	●
105	●
150	●
175	●
200	●



BP / SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
STRONTIUM**

SCALE 1:20,000	NTS 93 L/7	FIG. 4Q
DWG No.	DATE MAY 1984	
To accompany report: BPXV 84-3		

14. Sodium (Fig. 4R)

Sodium contents are higher in the east than in the west.

15. Potassium (Fig. 4S)

A weak potassium anomaly associated with zinc is defined in the northeast centering at L70N/16E. The southeast corner of the grid contains very low potassium contents.

16. Calcium (Fig. 4T)

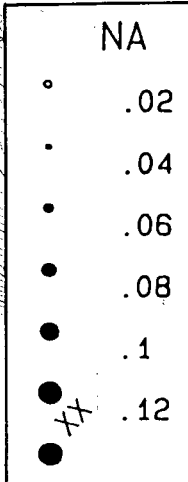
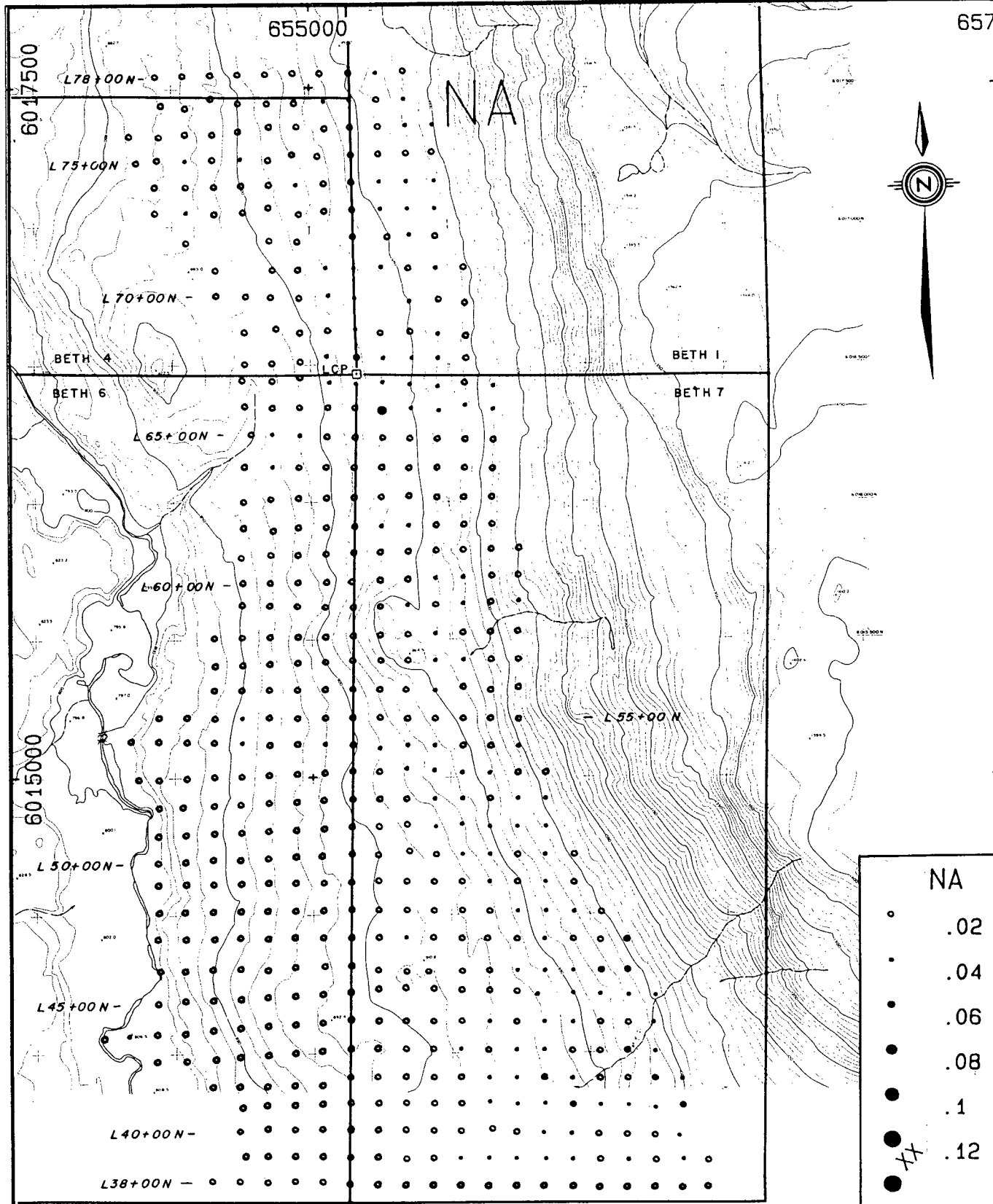
Calcium content of soils is regionally above average at between 0.75% to 1.25% over much of the grid. This should be reflected in neutral to alkaline soil pH and a restricted mobility of elements such as calcium. A zone of soils containing less than 0.4% calcium trends northwestward across the southwest corner of the grid.

17. Vanadium (Fig. 4U)

Vanadium contents are higher in the east than in the west. Vanadium enhancement characterizes the northeastern corner of the grid accompanying the potassium anomaly and an area immediately south of the central gold anomaly.

18. Barium (Fig. 4V)

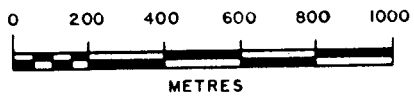
The barium distribution is relatively noisy. Highest values are found over the central part of the grid surrounding the central gold anomaly. Maximum values in the 500 to 700 ppm level suggests the possibility of accessory barite in the underlying geology.

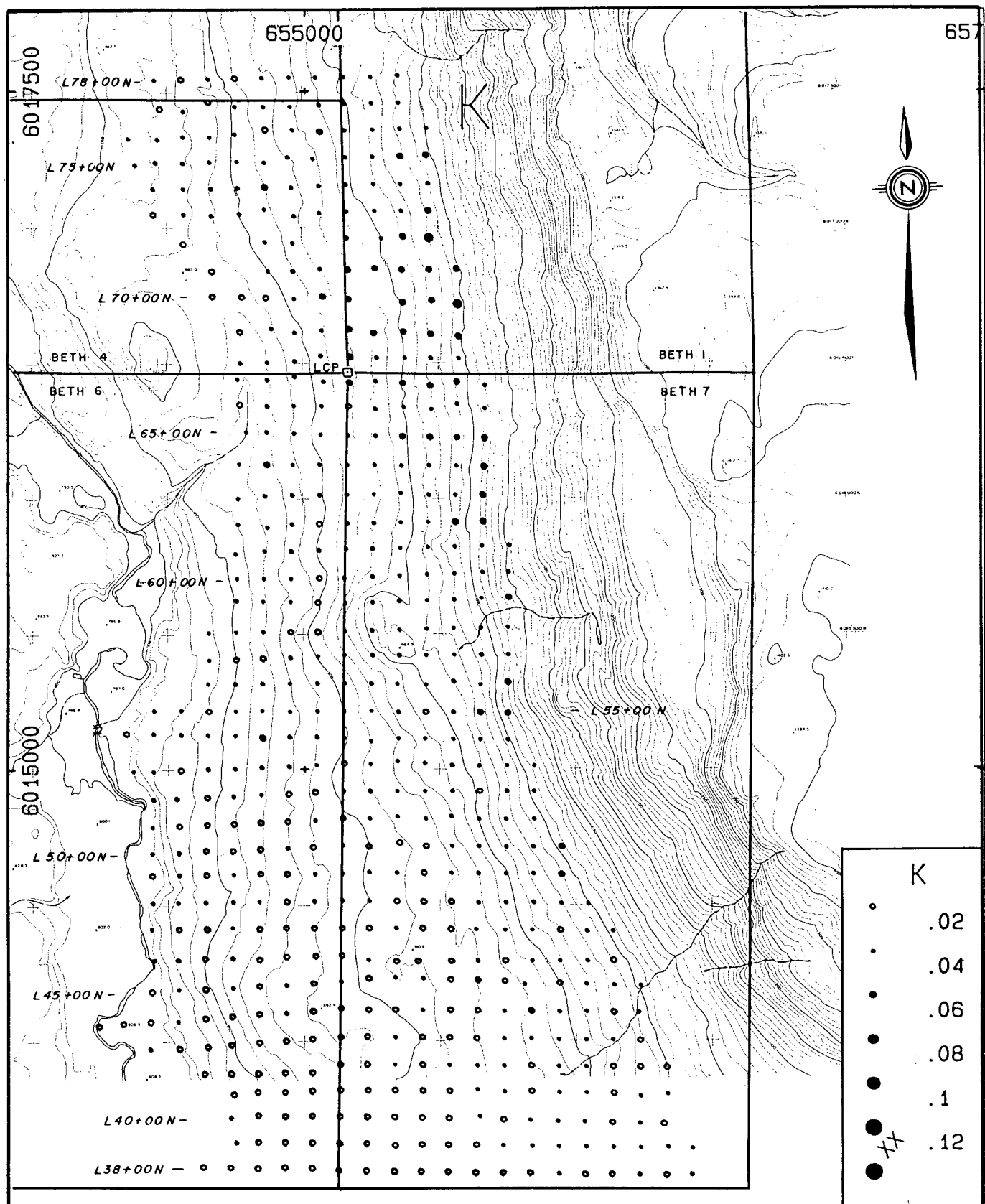


BP/ SELCO

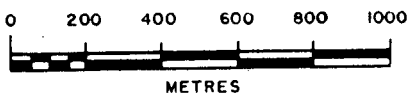
**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
SODIUM**

SCALE 1: 20,000		NTS 93 L/7		FIG. 4R
DWG No.	DATE MAY 1984	PROJ. 554		
To accompany report: BPXV 84-3				

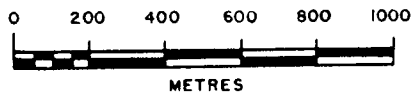
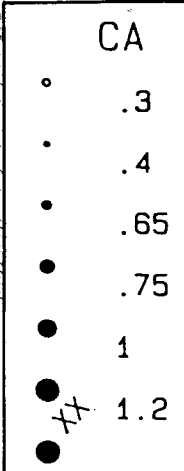
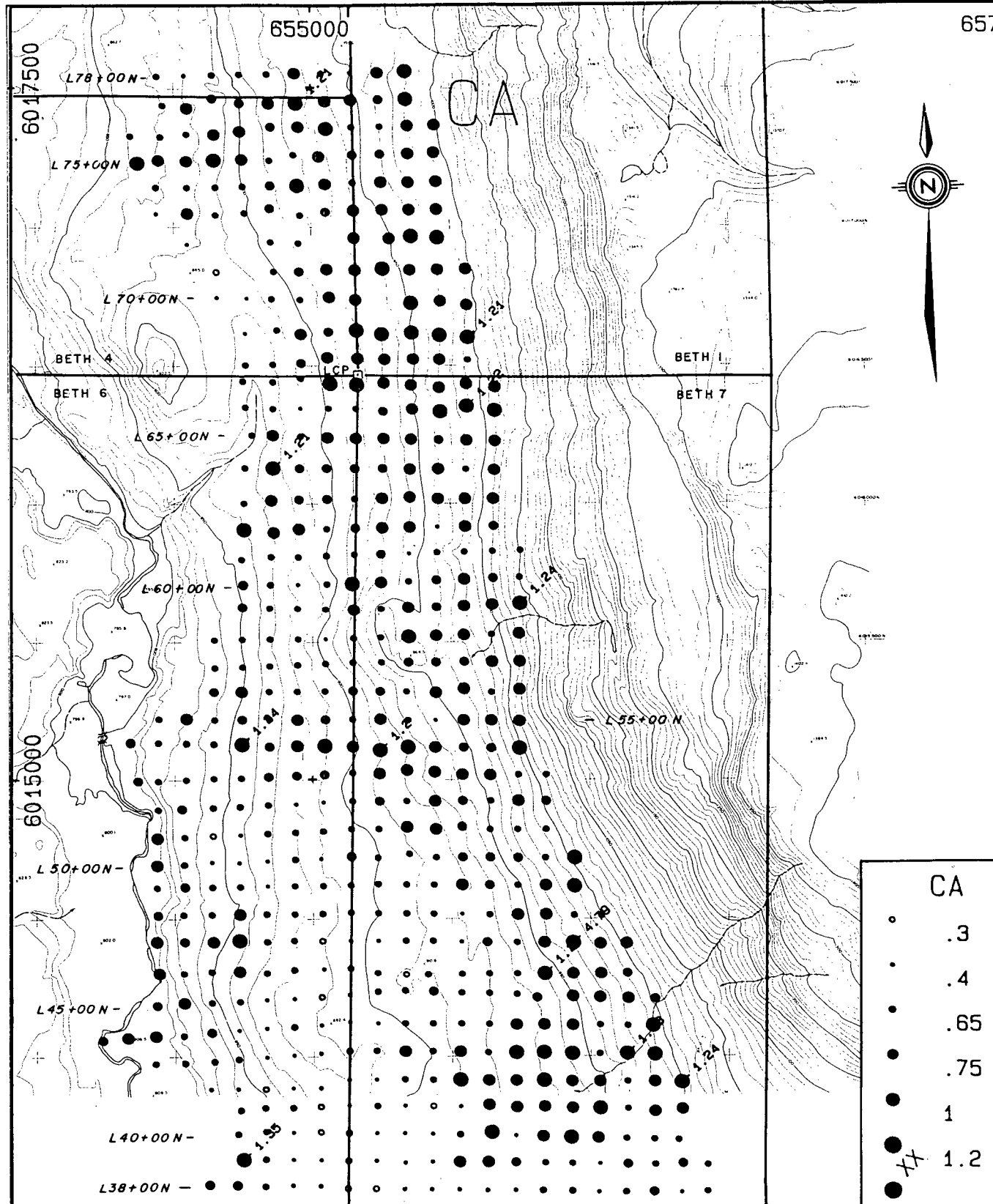




K	
○	.02
●	.04
●	.06
●	.08
●	.1
●	.12
+	



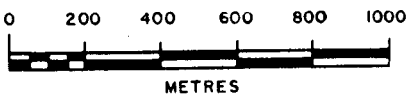
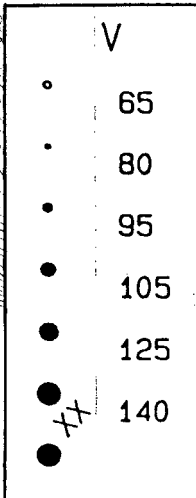
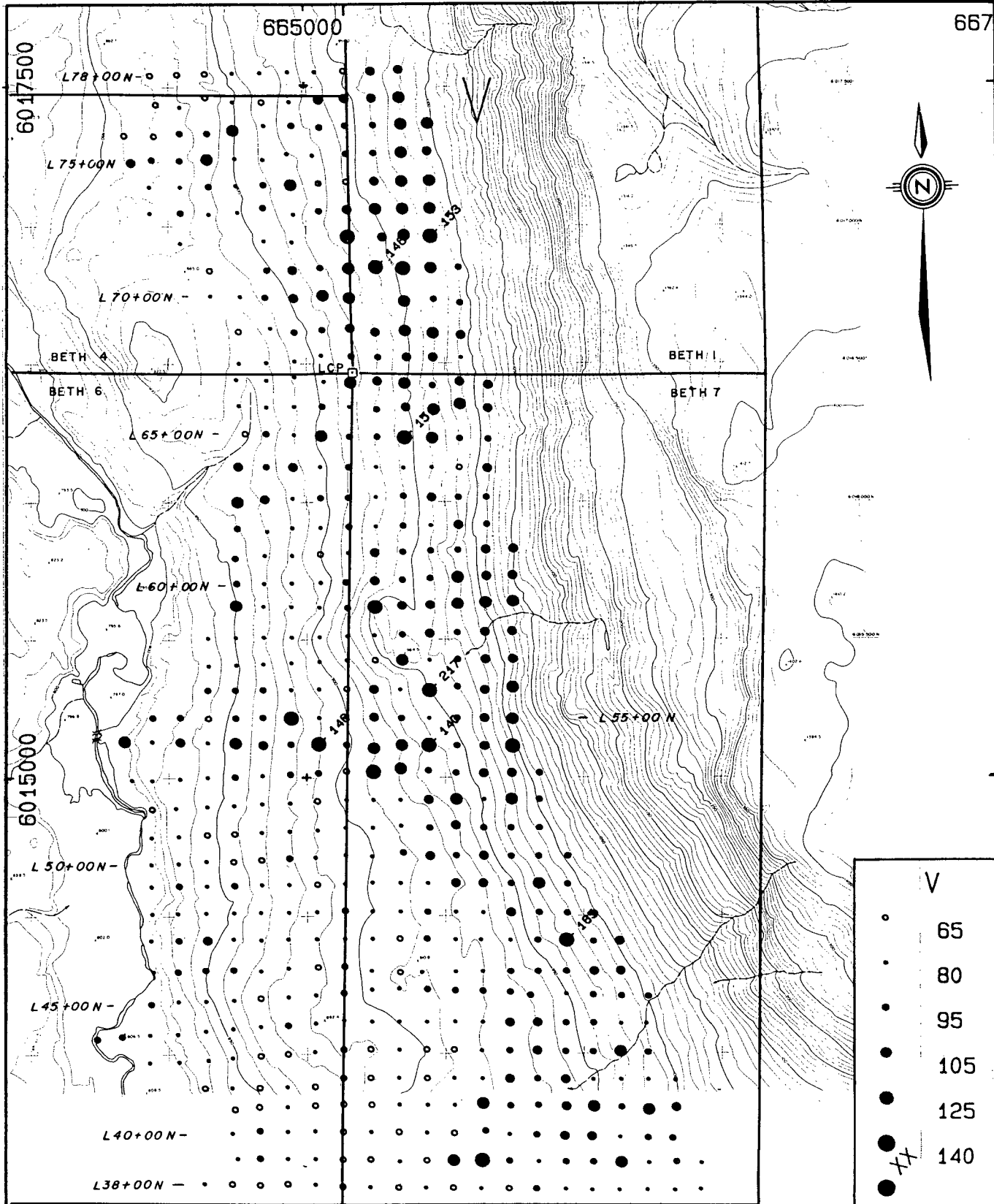
BP / SELCO		
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY POTASSIUM		
SCALE 1:20,000	DATE MAY 1984	NTS 93 L/7
DWG No	PROJ. 554	FIG. 4S
To accompany report: BPXV 84-3		



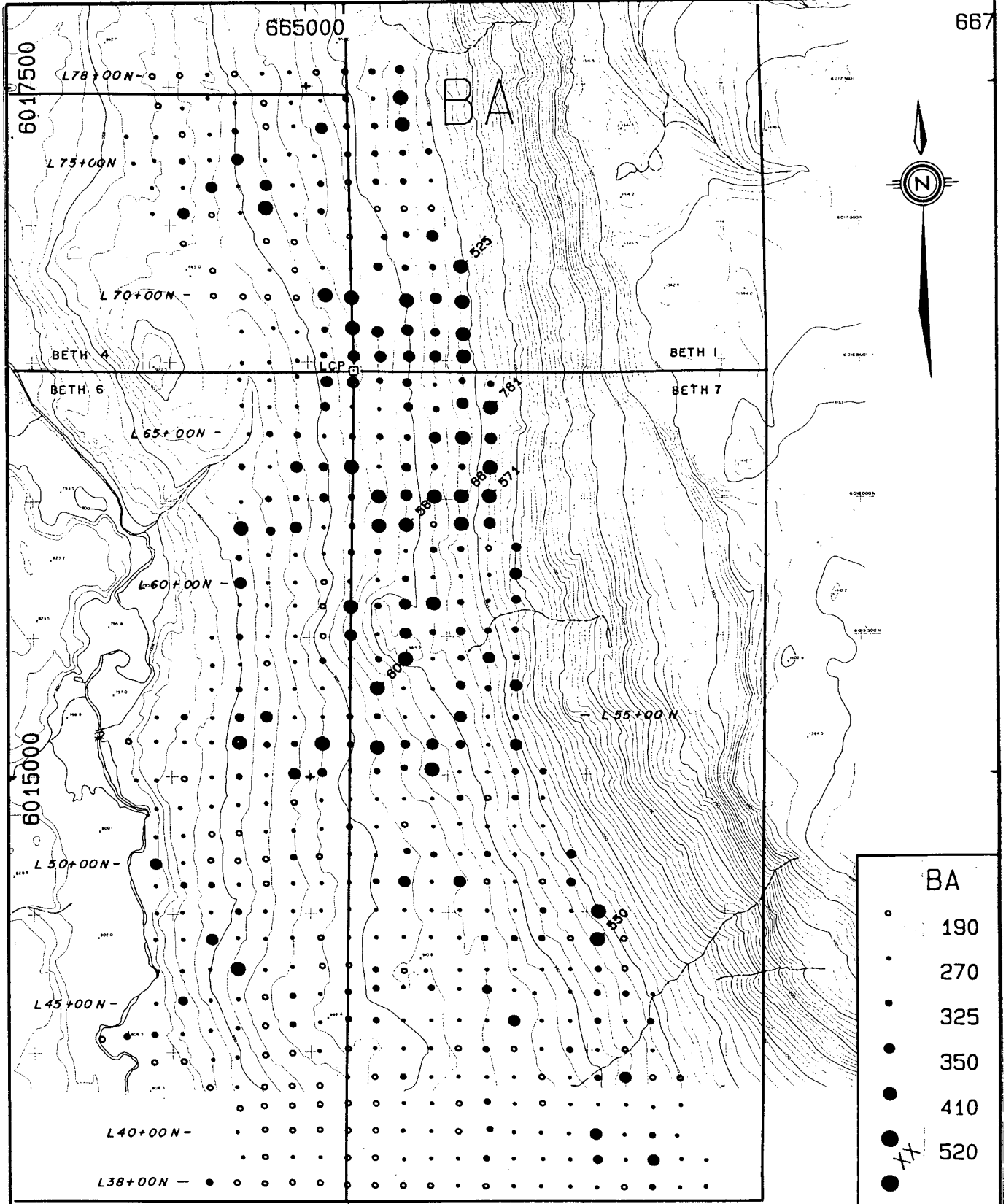
BP/ SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
CALCIUM**

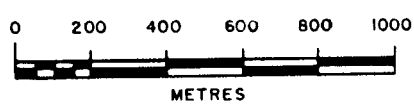
SCALE 1:20,000	NTS 93 L/7	FIG. 4T
DWG No	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		



BP / SELCO		
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY VANADIUM		
SCALE 1:20,000	NTS 93 L/7	FIG. 4U
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BP XV 84-3		



BA	
○	190
●	270
●	325
●	350
●	410
●	520
+	520



BP/ SELCO			
BETH 1,4,6,7 CLAIMS			
BUCK CREEK PROJECT, B.C.			
SOIL GEOCHEMISTRY			
BARIUM			
SCALE 1:20,000		NTS 93 L/7	
DWG No.	DATE MAY 1984	PROJ. 554	FIG. 4V
To accompany report: BPXV 84-3			

19. Other Elements

Distribution patterns for uranium, boron, lanthanum, and silicon were examined. Uranium shows isolated anomalies unrelated to anomalies described for other elements. Boron is strongly influenced by leaching of borosilicate glass. Lanthanum levels are low and the distribution does not show relationship comparable with other elements. Silicon is affected by a systematic error and cannot be used. Molybdenum levels are all at background and a map was not plotted.

Discussion of Results

Geochemical distributions of the BETH claims are dominated by regional distributions thought to reflect underlying geology. These are typified by elements such as titanium where values in the east are significantly higher than those in the west. This basic distribution can be subdivided further by elements such as chromium and/or potassium which are concentrated over limited areas suggesting, in the case of chromium for example, a basic underlying lithology.

Geochemical distributions described above correspond to a change in topography from relatively steep in the east to relatively gentle in the west. Change in topography may also be accompanied by a change in the origin of the overburden. Such a control on metal levels was not recognized in the field. Areas having higher gold and base or pathfinder element anomalies

are associated with larger quantities of boulders in the overburden, suggesting an overburden change. This could be a second type of till, or more likely a greater incorporation of material from underlying bedrock.

Three gold anomalies are defined. The two northern anomalies with diameters of 200 metres have a copper, lead, arsenic and zinc association and are worthy of followup. The southern anomaly of similar dimensions lies in an area where base or pathfinder elements are not particularly enriched and is assigned a low priority for followup. A number of isolated gold anomalies are defined on the western edge of the grid. Many of these may be introduced by pulverizing the minus 80-mesh pulps and are not worth pursuing further.

Conclusions

Two significant gold anomalies are defined on the BETH claims. Both are accompanied by lead, zinc, copper and arsenic. The northern anomaly discovered by the 1983 Buck Creek soil survey has been closed off by the 1984 BETH grid. A 50 metre X 50 metre followup soil survey is warranted. The southern anomaly is 200 metres across and merits a lower priority followup in view of the possibility of thicker overburden surrounding the anomalous zone.

Appendix 1

Code Format for Recording Field Notes

List of Analytical Data

Plots of Field Notes

GENERAL

- 1.2 SAMPLE TYPE
10. Stream sediment
 11. Stream water
 20. Seepage (spring) sediment
 21. Seepage (spring) water
 30. Lake sediment - lake center
 - Lake water
 - Lake sediment - near shore
 - Bog-upper 100 cm
 41. Bog-stagnant water
 42. Bog-below 100 cm
 43. Bog-organic material at mineral horizon interface
 44. Bog-mineral horizon
 50. Soil-top of the B horizon (or top of the C horizon if B horizon absent)
 51. Soil-other horizons (organic-rich samples or when 2 samples taken at same hole)
 52. Frost boil
 53. Seepage boil
 55. Deep overburden sample
 56. Intermediate overburden
 57. Sample (depth determined in field)
 58. Talus fines-mid slope
 61. Talus fine-in gully
 62. Talus fines-base of slope
 63. Talus blocks-hand sample
 64. Talus block-chips
 70. Biogeochemical
 75. Radon-track etch
 76. Radon-Alpha Meters
 77. Radon-emanometers
 80. Bedrock hand sample
 81. Bedrock chips + hand sample
 82. Float hand sample
 83. Float chips + hand sample
 84. Drill core specimens
 85. Channel sample
 86. Drill sludge
 87. Drill chips
 89. High grade sample
 90. Special sample-specify clearly label if high grade
- Special note
For keypunchers benefit, 7's should be crossed $\bar{7}$ and 0's (letter) should be slashed $\bar{0}$

- 42 PRECIPITATE
1. Record colour (report presence of precipitate in immediate vicinity in stream bed. If heavy precipitate, sample separately).
- 43 OVERBURDEN TRANSPORT
- L. Local M. Mixed local
E. Extensive & extensive
U. Unknown
- 45 OVERBURDEN ORIGIN
1. Till-angular boulders
 2. Outwash-sandy, rounded boulders
 3. Lake sediment-sand/silt
 4. Alluvium-stream deposit
 5. Peat-bog
 6. Colluvium
 7. Lake sediment-clay
 8. Talus
 9. Residual
 - A. Frost boil^a use only if former origin
 - B. Seepage boil^a cannot be identified
 - C. Boulder field^a cannot be identified
 - D. Gravel^a identified
 - E. Soil^a
- 46 BEDROCK
- M. Mineralized
P. Present within 100m-200m upslope
D. Present within 100m-200m downslope
B. Underlies sample site
G. Gossan
F. Fe surface stains
R. Radioactivity
- 47,48 pH
- 49 SAMPLE TEXTURE
0. Organic-decomposed
 1. Clay
 2. Silt and fine sand
 3. Sand
 4. Gravel
 5. Frozen
 6. Cemented
 7. Precipitate
 8. Twigs or undecomposed organic matter
- 50-52 AVERAGE WIDTH OF STREAM-M
decimal point in col 51 (or col 52 if stream > 10 m wide)
- 53-55 AVERAGE DEPTH OF STREAM-CM
- 56 STREAM VELOCITY
1. Dry
 2. Stagnant
 3. Slow
 4. Moderate
 5. Fast
 6. Turbulent
- 57 INDICATE AS TRIBUTARY
- R. Stream enters on right looking down main stream
L. Stream enters on left looking down main stream
- 58-60 LOCAL BEDROCK COMPOSITION
Estimate-use lists 1-4
- 61 COLOUR-STREAM SEDIMENTS
J. Colour noted in information
- 63-66 CONDUCTIVITY-WATER
- 67 CONTAMINATION
- Blank-none
P. possible
D. definite
- 68 ORGANIC FRACTION
1. Minor amount of undecomposed twigs, leaves, etc.
 2. Large amount of undecomposed twigs, leaves, etc.
 3. Minor amount of well-decomposed vegetation
 4. Large amount of well-decomposed vegetation
 5. Mosses
 6. Some sediment grains coated in organic matter
 7. All sediment grains coated in organic matter
 8. Looks like lake sediment material

- 69 MINERAL FRACTION
1. Primarily light coloured silicate minerals
 2. Primarily carbonate sand
 3. Minor, but notable content of mafic minerals, resistsates etc.
 4. High proportion of mafics, resistsates
- 71 GAMMA SOLID ANGLE
1. Ridge 5. A
 2. Flat surface (2m) 6. B
 3. Base of section (3m) 7. C
 4. Deep gullies (4m) 8. D
- 72-75 GAMMA COUNT AT SAMPLE SITE
- 76 ROCK
If bedrock is influencing scint counts
- 77,78 APPROXIMATE SLOPE ANGLE
- 79,80 APPROXIMATE SLOPE DIRECTION
- SOILS**
- 40 SITE TOPOGRAPHY
1. Hill Top
 2. Gentle slope
 3. Steep slope > 20°
 4. Base of slope
 5. Valley floor
 6. Depression
 7. Level
 8. Rolling
 9. Bog
- 41 SAMPLE ENVIRONMENT
1. Tundra-hummocky
 2. Tundra-dry
 3. Tundra-swampy
 4. Grassland, meadows
 5. Peat mounds
 6. Bog in depression
 7. Forest-coniferous
 8. Forest-deciduous
 9. Forest-mixed
 - A. Alder or willows
 - B. Cultivated land
 - C. Desert, semi-arid
 - D. Barren
 - E. Talus fan
 - F. Bank soil-stream
 - G. Bank soil-lake
 - H. Road cut
- 42 SITE DRAINAGE
1. Dry
 2. Moist
 3. Wet
 4. Saturated
- 43 OVERBURDEN TRANSPORT
- L. Local
E. Extensive
U. Unknown
M. Mixed - two sources
- 44 WATER MOVEMENT
- S. Seepage
- 45 OVERBURDEN ORIGIN
1. Till-angular boulders
 2. Outwash-sandy, rounded boulders
 3. Lake sediment-sand/silt
 4. Alluvium-stream deposit
 5. Peat-bog
 6. Colluvium
 7. Lake sediment-clay
 8. Talus
 9. Residual
 - A. Frost boil^a use only if formed origin
 - B. Seepage boil^a formed origin
 - C. Boulder field^a cannot be identified
 - D. Gravel^a
- 46 BEDROCK
- M. Mineralized
P. Present within 100m-200m upslope
D. Present within 100m-200m downslope
B. Underlies sample site
G. Gossan
F. Fe surface stains
R. Radioactivity
- 48 pH

- 49 SAMPLE TEXTURE
0. Organic muck
 1. Fibrous, peaty organic matter
 2. Very sandy
 3. Sandy
 4. Sand-silt
 5. Sand-silt-clay
 6. Silt
 7. Silt-clay
 8. Clay
 9. Gravel
- 50,51 TOP OF SAMPLE INTERVAL-CM
- 52-54 BOTTOM OF SAMPLE INTERVAL-CM
- 55,56 SOIL HORIZON
- LH. Leaf, humus layer, under-composed vegetation lying on the ground surface (do not sample)
- AH. Dark grey to black, organic-rich mineral horizon usually no deeper than 15 cm from the surface (do not sample)
- AE. Grey to white (occasionally brown) leached mineral horizon near ground surface, usually sandy; accompanied by BF or BT horizon at depth (do not sample)
- BH. Black, organic-rich mineral horizon at depths greater than 15 cm (do not sample)
- BF. Red brown, iron-rich horizon
- BT. Brown, clay-rich horizon
- BG. Horizon which is water-saturated most of the year, identified by red brown mottles
- BM. Brown horizon which is only slightly different in appearance from underlying parent material
- C1, C2, C3, etc. -Parent material for soil
- CA. White calcium carbonate precipitate in C horizon
- D1, D2, D3 etc. -Bog samples at various depths
- TF. Talus fines

- I-- INTRUSIVE ROCKS
- 1. QUARTZ RICH Granite
 - 2. Quartz Monzonite
 - 3. Granodiorite
 - 4. Quartz diorite
 - 2. INTERMEDIATE
 - 1. Syenite
 - 2. Monzonite
 - 3. Diorite
 - 4. Gabbro
 - 3. FELDSPATHOID RICH
 - 1. Nepheline syenite
 - 2. Nepheline monzonite
 - 4. ULTRABASIC
 - 50. CARBONATITES
 - 60. SPECIAL TYPES
 - 1. Pegmatite
 - 2. Aplite
 - 3. Lamprophyre
 - 4. Trap
 - 5. Felsite
 - 6. Intrusion breccia
 - 7. Diabase
- LIST 2**
- 2-- VOLCANIC ROCKS
- 0. UNDIFFERENTIATED
 - 1. BASALT
 - 2. ANDESITE
 - 3. DACITE
 - 4. RHYOLITE
 - 5. QUARTZ LATITE
 - 6. LATITE
 - 7. TRACHYTE
 - 8. PHONOLITE
 - 9. NEPHELINE LATITE
 - 1. Fine grained flows
 - 2. Crystalline flows
 - 3. Crystal tuffs
 - 4. Ash tuffs
 - 5. Lapilli tuffs
 - 6. Agglomerate
 - 7. Lapilli breccia
 - 8. Block breccia
 - 9. Turbidite
- LIST 3**
- 3-- SEDIMENTARY ROCKS
- 1. ARENACEOUS
 - 1. Silstone
 - 2. Mudstone
 - 3. Greywacke
 - 4. Sandstone
 - 5. Quartzite
 - 6. Conglomerate
 - 2. ARGILLACEOUS
 - 1. Shale
 - 2. Argillite
 - 3. CALCAREOUS
 - 1. Limestone
 - 2. Dolomite
 - 4. CHEMICAL PRECIPITATE
 - 1. Chert
 - 2. Marble
 - 3. Iron formation

- 1,4 YEAR
- 7 PROJECT NUMBER
- 8,9 PROJECT IDENTIFICATION
- Blank reconnaissance
A, B, C, etc. - properties, anomalies (List 6)
- 9 DUPLICATE SAMPLES
*Star both samples (collect T in 30)
- 10,11 SAMPLER IDENTIFICATION
±12 (List 7)
- 12-15 SAMPLE NUMBER
or leave out all numbers ending in 00 and 50
- 17,18 UTM ZONE
see NTS map sheets; for properties use
XX Property-feet
YY Property-meters
ZZ Property-other
- 19-24 EAST COORDINATE
- 25-31 NORTH COORDINATE
- 34-38 MAP SHEET NUMBER

- 50-52 AVERAGE WIDTH OF STREAM-M
decimal point in col 51 (or col 52 if stream > 10 m wide)
- 53-55 AVERAGE DEPTH OF STREAM-CM
- 56 STREAM VELOCITY
1. Dry
 2. Stagnant
 3. Slow
 4. Moderate
 5. Fast
 6. Turbulent
- 57 INDICATE AS TRIBUTARY
- R. Stream enters on right looking down main stream
L. Stream enters on left looking down main stream
- 58-60 LOCAL BEDROCK COMPOSITION
Estimate-use lists 1-4
- 61 COLOUR-STREAM SEDIMENTS
J. Colour noted in information
- 63-66 CONDUCTIVITY-WATER
- 67 CONTAMINATION
- Blank-none
P. possible
D. definite
- 68 ORGANIC FRACTION
1. Minor amount of undecomposed twigs, leaves, etc.
 2. Large amount of undecomposed twigs, leaves, etc.
 3. Minor amount of well-decomposed vegetation
 4. Large amount of well-decomposed vegetation
 5. Mosses
 6. Some sediment grains coated in organic matter
 7. All sediment grains coated in organic matter
 8. Looks like lake sediment material

- 42 SITE DRAINAGE
1. Dry
 2. Moist
 3. Wet
 4. Saturated
- 43 OVERBURDEN TRANSPORT
- L. Local
E. Extensive
U. Unknown
M. Mixed - two sources
- 44 WATER MOVEMENT
- S. Seepage
- 45 OVERBURDEN ORIGIN
1. Till-angular boulders
 2. Outwash-sandy, rounded boulders
 3. Lake sediment-sand/silt
 4. Alluvium-stream deposit
 5. Peat-bog
 6. Colluvium
 7. Lake sediment-clay
 8. Talus
 9. Residual
 - A. Frost boil^a use only if formed origin
 - B. Seepage boil^a formed origin
 - C. Boulder field^a cannot be identified
 - D. Gravel^a
- 46 BEDROCK
- M. Mineralized
P. Present within 100m-200m upslope
D. Present within 100m-200m downslope
B. Underlies sample site
G. Gossan
F. Fe surface stains
R. Radioactivity
- 48 pH

- 57 SOIL TYPE
- C. Chernozem-prairie soil usually under grassland or meadow, thick AH >10cm, CA horizon at depth
- S. Solonchek-saline soil, high content of NaCl
- L. Luvisol-BT horizon diagnostic
- P. Podzol-BF horizon diagnostic
- B. Brunisol-BM horizon is only B horizon of profile
- R. Regosol-little or no soil development, no B soil horizon, only LH (maybe) and C horizon
- G. Gleysol-BG horizon diagnostic
- D. Organic soil-bog vegetation-no mineral matter
- 58-60 LOCAL BEDROCK COMPOSITION
Estimate-use lists 1-4
- 61-66 COLOUR
Munsell notation or abbreviation
- 67 CONTAMINATION
- Blank-none
P. possible
D. definite
- 68-69 COARSE FRAGMENTS
- 70 SHAPE OF COARSE FRAGMENTS
- A. Angular
B. Rounded
S. Subrounded, subangular
M. Mixed above types
- 71 GAMMA SOLID ANGLE
1. Ridge 5. A
 2. Flat surface (2m) 6. B
 3. Base of section (3m) 7. C
 4. Deep gullies (4m) 8. D
- 72-75 GAMMA COUNT AT SAMPLE SITE
Scint reading at ground level over hole
- 76 ROCK
If bedrock is influencing scint counts
- 77,78 APPROXIMATE SLOPE ANGLE
- 79,80 APPROXIMATE SLOPE DIRECTION

- 3-- SEDIMENTARY ROCKS
- 1. ARENACEOUS
 - 1. Silstone
 - 2. Mudstone
 - 3. Greywacke
 - 4. Sandstone
 - 5. Quartzite
 - 6. Conglomerate
 - 2. ARGILLACEOUS
 - 1. Shale
 - 2. Argillite
 - 3. CALCAREOUS
 - 1. Limestone
 - 2. Dolomite
 - 4. CHEMICAL PRECIPITATE
 - 1. Chert
 - 2. Marble
 - 3. Iron formation
- LIST 4**
- 4-- METAMORPHIC ROCKS
- 1. FINE GRAINED CONTACT
 - 2. PHANERITIC
 - 1. Meta quartzite.
 - 2. Marble
 - 3. Soapstone
 - 4. Hornfels
 - 5. Serpentine
 - 6. Skarn
 - 7. Amphibolite
 - 8. Eclogite
 - 3. MECHANICAL
 - 1. Mylonite
 - 2. Flaser
 - 3. Augen
 - 4. Ultramylonite
 - 40. SLATE
 - 50. PHYLLITE
 - 60. SCHIST
 - 7. GNEISS
 - 8. MICHAELITE:
 - 1. Granite
 - 2. Monzonite
 - 3. Granodiorite
 - 4. Conglomerate
 - 5. Sandstone
 - 6. Augen
 - 7. Granulite
 - 8. Quartz diorite
 - 9. Diorite
 - 0. Amphibolite

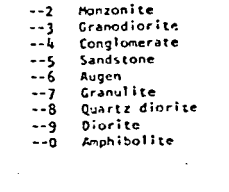
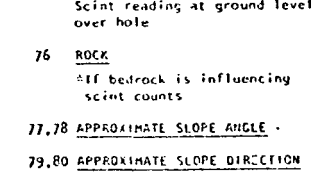
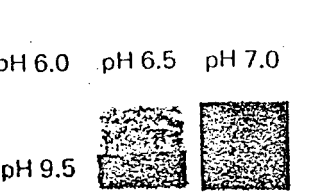
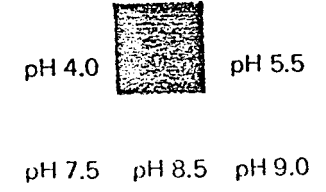
- STREAM SEDIMENTS**
- 40 SAMPLE ENVIRONMENT
1. Next to bank
 2. Behind boulders
 3. Among roots below stream bank
 4. Middle of stream
 5. Among grass or reeds of creek bed
 6. Bar in creek
 7. Middle-very wide, shallow creek
 8. Base of slope
 9. Composite across stream
- Soil

- 61 COLOUR-STREAM SEDIMENTS
J. Colour noted in information
- 63-66 CONDUCTIVITY-WATER
- 67 CONTAMINATION
- Blank-none
P. possible
D. definite
- 68 ORGANIC FRACTION
1. Minor amount of undecomposed twigs, leaves, etc.
 2. Large amount of undecomposed twigs, leaves, etc.
 3. Minor amount of well-decomposed vegetation
 4. Large amount of well-decomposed vegetation
 5. Mosses
 6. Some sediment grains coated in organic matter
 7. All sediment grains coated in organic matter
 8. Looks like lake sediment material

- 46 BEDROCK
- M. Mineralized
P. Present within 100m-200m upslope
D. Present within 100m-200m downslope
B. Underlies sample site
G. Gossan
F. Fe surface stains
R. Radioactivity
- 48 pH

- 70 SHAPE OF COARSE FRAGMENTS
- A. Angular
B. Rounded
S. Subrounded, subangular
M. Mixed above types
- 71 GAMMA SOLID ANGLE
1. Ridge 5. A
 2. Flat surface (2m) 6. B
 3. Base of section (3m) 7. C
 4. Deep gullies (4m) 8. D
- 72-75 GAMMA COUNT AT SAMPLE SITE
Scint reading at ground level over hole
- 76 ROCK
If bedrock is influencing scint counts
- 77,78 APPROXIMATE SLOPE ANGLE
- 79,80 APPROXIMATE SLOPE DIRECTION

- 4-- METAMORPHIC ROCKS
- 1. FINE GRAINED CONTACT
 - 2. PHANERITIC
 - 1. Meta quartzite.
 - 2. Marble
 - 3. Soapstone
 - 4. Hornfels
 - 5. Serpentine
 - 6. Skarn
 - 7. Amphibolite
 - 8. Eclogite
 - 3. MECHANICAL
 - 1. Mylonite
 - 2. Flaser
 - 3. Augen
 - 4. Ultramylonite
 - 40. SLATE
 - 50. PHYLLITE
 - 60. SCHIST
 - 7. GNEISS
 - 8. MICHAELITE:
 - 1. Granite
 - 2. Monzonite
 - 3. Granodiorite
 - 4. Conglomerate
 - 5. Sandstone
 - 6. Augen
 - 7. Granulite
 - 8. Quartz diorite
 - 9. Diorite
 - 0. Amphibolite



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SELECTION # 1

SAMPLE TYPE(S) ALL
 BEDROCK TYPE(S) ALL
 SOIL HORIZON(S) ALL
 SAMPLE TEXTURE(S) ALL
 OVERBURDEN ORIGIN(S) ALL
 LABORATORY-SIZE FRACTION-EXTRACTION(S) ALL
 PAIR STATUS ALL

REC#	SHPL#	UTM-E	UTM-N					NO	CU	PB	ZN	NI	U	MN	FE	AG				
1	5084554	800001	6551426017552	93L07	241U	1	56005	BFP	GYBRWN	20S	05W	2	64	50	227	31	2	1071	4.2	.4
2	5084554	800002	6551456017452	93L07	294U	1	53502	BFP	BRWNRD	05B	05W	1	42	28	175	46	2	725	4.22	.4
3	5084554	800003	6551476017354	93L07	241U	1	73010	BFP	GYBRWN	20S	08W	1	34	38	135	27	2	898	3.85	.2
4	5084554	800004	6551506017253	93L07	292U	1	54510	BFP	GYBRWN	05S	05W	1	30	27	136	27	2	538	3.56	.3
5	5084554	800005	6551516017153	93L07	292U	1	54005	BFP	BRWNRD	30A	05W	1	39	40	173	27	2	713	3.63	.2
6	5084554	800006	6551536017053	93L07	293U	1	53005	BFP	BRWNRD	30S	03S	1	29	20	109	30	2	632	3.83	.3
7	5084554	800007	6551556016955	93L07	292U	1	56010	BFP	BRWNGY	35S	05SH1		20	18	107	30	2	1355	3.64	.2
	5084554	800008	6551586016840	93L07	272U	1	56010	BFP	BRWNRD	35S	05W	1	30	13	175	34	2	595	4.31	.3
	5084554	800009	6551606016733	93L07	291U	1	56010	BFP	RDBRWN	20S	05W	1	36	11	171	43	2	709	4.54	.3
10	5084554	800010	6551636016623	93L07	291U	1	54510	BFP	BRWNRD	30S	03W	1	36	7	108	41	2	561	4.34	.3
11	5084554	800011	6551676016521	93L07	293U	1	73010	BFP	GYBLCK	05S	05W	1	104	18	278	66	2	1164	4.52	.1
12	5084554	800012	6551646016426	93L07	271U	1	56010	BFP	RDBRWN	25S	05W	1	32	6	109	42	2	541	4.51	.2
13	5084554	800013	6552416017551	93L07	291U	1	53003	BFP	BRWNRD	10S	08W	1	34	35	149	35	4	993	4.17	.4
14	5084554	800014	6553416017557	93L07	291U	1	54005	BFP	RDBRWN	30S	07W	1	31	5	150	54	2	726	4.26	.3
15	5084554	800015	6553436017455	93L07	291U	1	42505	BFP	RDBRWN	35S	07W	1	31	4	114	36	2	693	4.1	.2
16	5084554	800016	6552446017453	93L07	291U	1	53010	BFP	GYBRWN	25S	05W	1	34	83	154	25	2	1083	4.07	.3
17	5084554	800017	6552496017355	93L07	241U	1	52510	BFP	RDBRWN	20S	05W	1	37	49	159	25	2	622	3.77	.3
18	5084554	800018	6553496017359	93L07	241U	1	53010	BFP	RDBRWN	30S	08W	1	26	6	132	32	5	783	3.84	.2
19	5084554	800019	6554466017361	93L07	291U	1	53010	BFP	RDBRWN	35S	08W	1	27	6	70	40	2	671	4.67	.2
20	5084554	800020	6554446017261	93L07	291U	1	54010	BFP	RDBRWN	35S	09W	1	31	10	122	54	2	389	5.68	.2
21	5084554	800021	6553506017257	93L07	291U	1	43804	BFP	RDBYBR	50S	07W	1	28	7	93	42	2	414	5.08	.1
22	5084554	800022	6552496017255	93L07	241U	1	54510	BFP	RDBYBR	30S	05W	1	41	33	138	36	2	903	4.42	.3
23	5084554	800023	6552526017154	93L07	292U	1	74503	BFP	RDBRWN	05S	05W	1	71	18	263	52	2	1227	4.87	.8
24	5084554	800024	6553516017154	93L07	272U	1	53505	BFP	RDBRWN	35S	06W	1	28	6	101	41	2	529	4.48	.2
25	5084554	800025	6554526017156	93L07	292U	1	53505	BFP	RDBRWN	35S	05W	1	29	7	82	42	2	492	4.35	.2
26	5084554	800026	6554536017056	93L07	291U	1	53010	BFP	RDBRWN	25S	10W	1	30	8	88	41	2	592	4.82	.2
27	5084554	800027	6553546017055	93L07	291U	1	57020	BFP	GYBRWN	30S	05W	1	36	12	95	28	2	403	3.33	.2
28	5084554	800028	6552566017055	93L07	292U	1	56003	BFP	RDBRWN	40S	03W	1	25	5	74	31	2	583	4.04	.2
29	5084554	800029	6550386017549	93L07	292U	1	56005	BFP	RDBRWN	35S	05W	1	30	73	265	23	2	913	3.27	.4
30	5084554	800030	6549416017550	93L07	291U	1	55005	BFP	RDBRWN	35S	05W	2	69	63	487	36	2	841	4.14	.9
31	5084554	800031	6548416017546	93L07	243U	1	55005	BFP	GYRDBR	30S	03SH1		107	56	256	43	2	1312	4.71	1.1
32	5084554	800032	6547416017545	93L07	2F1U	1	56510	BFP	GYBRWN	20S	10NW1		26	25	159	19	2	722	3.25	.2
	5084554	800033	6546426017543	93L07	241U	1	73010	BFP	GYRDBR	05B	02NW1		34	34	169	28	2	830	3.47	.3
34	5084554	800034	6545426017541	93L07	241U	1	72010	BFP	GYRDBR	10S	05NW1		20	22	123	24	3	827	3.15	.2
35	5084554	800035	6544436017538	93L07	241U	1	72010	BFP	GYBRWN	10S	01W	1	24	36	150	24	2	1049	3.42	.3
36	5084554	800036	6547466015795	93L07	271U	1	51005	BFP	RDBRWN	30S	03W	1	36	23	129	37	2	948	4.06	.3
37	5084554	800037	6548536015805	93L07	271U	1	50705	BFP	RDBRWN	30S	05W	1	36	26	156	35	2	841	4	.5
38	5084554	800038	6552396014819	93L07	272U	1	51505	BFP	RDBRWN	40S	05SH1		38	20	189	32	2	1152	3.96	.4
39	5084554	800039	6553416014826	93L07	273U	1	52505	BFP	RDBRWN	35S	05SH1		30	20	159	26	2	447	3.43	.3

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40	5084554	800040	6554456014818	93L07 293U 1	53505 BFP	RDBRWN 40S	02SW1	39	6	108	51	2	520	4.2	.2
41	5084554	800041	6555396014827	93L07 292U 1	55005 BFP	RDBRWN 40S	05SW1	64	9	185	52	2	974	4.79	.5
42	5084554	800042	6556406014817	93L07 291U 1	51005 BFP	RDBRWN 30S	10SW1	26	11	103	39	2	288	3.92	.2
43	5084554	800043	6557396014817	93L07 291U 1	50705 BFP	RDBRWN 35S	10SW1	26	8	106	45	2	370	3.89	.1
44	5084554	800044	6558426014817	93L07 291U 1	71505 BFP	RDBRWN 25S	05SW1	26	7	129	47	2	439	4.47	.2
45	5084554	800045	6558426014919	93L07 291U 1B	71005 BFP	RDBRWN 40S	10SW1	25	6	147	54	2	588	4.54	.2
46	5084554	800046	6558396014715	93L07 291U 1	53005 BFP	RDBRWN 35S	10SW1	29	4	145	54	2	407	4.16	.1
47	5084554	800047	6559446014715	93L07 291U 1	53005 BFP	RDBRWN 30S	10SW1	30	2	118	86	2	492	4.59	.3
48	5084554	800048	6557406014715	93L07 291U 1B	53010 BFP	RDBRWN 20S	10SW1	24	5	81	45	2	623	3.8	.1
49	5084554	800049	6556406014717	93L07 291U 1	52005 BFP	RDBRWN 35S	07SW1	34	9	85	44	2	719	4.22	.2
50	5084554	800050	6555416014718	93L07 291U 1	53010 BFP	RDBRWN 30S	05SW1	34	5	113	40	2	565	3.95	.2
51	5084554	800051	6554466014717	93L07 291U 1	52005 BFP	RDBRWN 35S	05SW1	25	5	86	43	2	372	3.98	.2
52	5084554	800052	6553496014730	93L07 291U 1	53505 BFP	RGYBR 30S	02SW1	25	12	108	30	2	686	3.57	.1
53	5084554	800053	6552366014716	93L07 291U 1	52005 BFP	RDBRWN 35S	05SW1	20	12	82	26	2	513	3.2	.1
54	5084554	800054	6551266013523	93L07 291U 1	73005 BFP	RDBRWN 05S	05 S1	12	8	131	16	4	729	2.63	.2
55	5084554	800055	6550276013532	93L07 291U 1	72505 BFP	RDBRWN 05S	05SW1	14	7	78	24	2	394	2.96	.5
56	5084554	800056	6549276013535	93L07 272U 1	73005 BFP	RGYBR 10S	05SW1	12	6	69	16	2	345	2.65	.1
57	5084554	800057	6548286013531	93L07 271U 1	73005 BFP	GYBRWN 05S	05SW1	13	5	86	19	2	340	2.45	.2
58	5084554	800058	6547276013535	93L07 271U 1	73005 BFP	GYBRWN 05S	15 W1	20	8	93	24	2	661	2.96	.2
59	5084554	800059	6546276013537	93L07 291U 1	71510 BFP	GYBRWN 05S	01 W1	21	7	66	24	2	791	2.89	.2
60	5084554	800060	6553326013819	93L07 271U 1	52005 BFP	RDBRWN 30S	02SW1	20	10	107	24	2	570	3.04	.2
61	5084554	800061	6554346013817	93L07 291U 1	52005 BFP	RDBRWN 30S	05 W1	17	10	114	24	2	335	3.17	.3
62	5084554	800062	6555326013816	93L07 271U 1	52005 BFP	RDBRWN 30S	05NW1	16	13	86	19	2	492	3	.1
63	5084554	800063	6556346013822	93L07 292U 1	53510 BFP	RDBRWN 30S	02NW1	38	8	159	64	2	2637	4.55	.4
64	5084554	800064	6557346013813	93L07 291U 1	53005 BFP	BRWN 25S	03 W1	40	11	187	75	2	1741	4.66	.3
65	5084554	800065	6558346013815	93L07 292U 1	54005 BFP	BRWN 20S	02 W1	32	7	125	53	2	1479	3.47	.4
66	5084554	800066	6559356013810	93L07 291U 1	52005 BFP	RDBRWN 30S	05 W1	27	4	74	52	2	586	3.66	.2
67	5084554	800067	6560356013809	93L07 291U 1	53005 BFP	RDBRWN 30S	05 W1	45	4	125	81	2	770	4.89	.3
68	5084554	800068	6561366013807	93L07 291U 1	52005 BFP	RDBRWN 35S	07 W1	28	8	139	47	2	487	3.39	.2
69	5084554	800069	6553306013720	93L07 293U 1	53010 BFP	RDBRWN 40S	03 W1	24	10	100	25	2	821	3.03	.3
70	5084554	800070	6554316013717	93L07 291U 1	51505 BFP	RDBRWN 35S	03 W1	21	11	114	27	2	448	3.15	.2
71	5084554	800071	6555306013715	93L07 292U 1	53510 BFP	GYBRWN 30S	02 W1	14	9	83	18	5	302	2.26	.1
72	5084554	800072	6556436013723	93L07 293U 1	53505 BFP	GYBRWN 35S	01 W1	48	11	168	46	2	1062	4.48	.5
73	5084554	800073	6557306013710	93L07 291U 1	51510 BFP	RDBRWN 40S	03 W1	15	8	129	20	2	421	2.68	.2
74	5084554	800074	6558286013708	93L07 291U 1	51510 BFP	RDBRWN 30S	02 W1	21	7	106	38	2	640	3.5	.1
75	5084554	800075	6559296013704	93L07 293U 1	46505 BFP	BRWN 30S	01 W1	32	5	81	49	2	643	3.57	.1
76	5084554	800076	6560276013702	93L07 292U 1	54503 BFP	RDBRWN 40S	05 W1	71	12	141	71	2	1140	4.85	.5
77	5084554	800077	6561306013699	93L07 292U 1B	51505 BFP	RDBRWN 40S	05 W1	18	6	74	31	2	389	2.96	.2
78	5084554	800078	6562316013696	93L07 292U 1	41510 BFP	BRANDR 30S	07 W1	22	7	153	71	2	384	4.1	.1
79	5084554	800079	6562346013797	93L07 292U 1	54003 BFP	RDBRWN 40S	05 W1	43	12	98	58	2	1367	4.26	.3
80	5084554	800080	6563336013805	93L07 291U 1	54005 BFP	GYBRWN 30S	07 W1	35	8	75	53	2	975	3.55	.3
81	5084554	800081	6563196013694	93L07 291U 1	52005 BFP	RDBRWN 25S	04 W1	21	3	85	29	3	336	2.99	.1
82	5084554	800082	6563346013609	93L07 291U 1	52005 BFP	RDBRWN 35S	04SW1	27	8	134	46	2	776	3.88	.4
83	5084554	800083	6564246013604	93L07 291U 1	52003 BFP	RDBRWN 30S	05 W1	30	8	145	35	2	740	3.21	.3
84	5084554	800084	6562346013606	93L07 291U 1	53005 BFP	RDBRWN 30S	07SW1	21	7	151	55	2	400	3.67	.4
85	5084554	800085	6561346013608	93L07 291U 1	55003 BFP	RDBRWN 30S	5 W1	59	11	80	55	2	987	3.53	.4
86	5084554	800086	6560336013610	93L07 291U 1	43005 BFP	RDBRWN	03 W1	25	9	253	50	2	678	3.98	.3
87	5084554	800087	6559336013611	93L07 291U 1	53505 BFP	RDBRWN 40S	05 W1	32	10	93	36	2	586	3.5	.4
88	5084554	800088	6558356013613	93L07 293U 1	55005 BFP	RDBRWN 20S	02 W1	30	7	61	30	2	337	2.89	.3
89	5084554	800089	6557276013615	93L07 293U 1	53005 BFP	RDBRWN 30S	02 W1	34	11	123	33	2	1253	3.44	.4
90	5084554	800090	6556306013617	93L07 292U 1	56003 BFP	RDBRWN 25S	01 W2	48	11	94	67	2	2546	4.15	.5

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91	5084554	800091	6555276013617	93L07 292U 1	55005 BFP	GYBRWN 20S	03 W1	32	9	69	44	2	1296	3.79	.2
92	5084554	800092	6554306013618	93L07 291U 1	41510 BFP	BRWN 30S	05 W1	16	10	156	23	2	351	2.72	.2
93	5084554	800093	6553326013615	93L07 291U 1	41505 BFP	BRWN 30S	04 W1	16	11	197	25	2	377	3.1	.2
94	5084554	801001	6552376014622	93L07 572U 4	510 25BMB	GYBRN 10B	00 S1	26	10	102	26	2	533	3.08	.2
95	5084554	801002	6553396014620	93L07 572U 1	510 25BFB	GYBRN 30A	02 W1	20	9	87	33	2	310	3.07	.1
96	5084554	801003	6554386014619	93L07 571U 9	515 30BMB	GYBRN 15S	05 W1	19	6	125	30	2	397	3.08	.1
97	5084554	801004	6555396014619	93L07 2A3US9	720 30BMB	BRN	05 W2	94	12	153	109	2	3504	4.59	1
98	5084554	801005	6556386014618	93L07 281U 9	705 20BTL	YLBRN 05S	10 W1	32	7	117	50	2	795	4.47	.2
99	5084554	801006	6557396014617	93L07 271U 9B	520 30BTL	RDBRN 10S	15 W1	26	5	105	60	2	441	4.01	.1
100	5084554	801007	6558406014617	93L07 371U 9B	520 30BMB	BRN 05S	25 W1	24	3	74	57	2	584	4.27	.3
101	5084554	801008	6559436014614	93L07 291U 9B	515 30BMB	RDBRN 15S	15 W1	26	4	146	61	4	840	4.21	.4
102	5084554	801009	6560416014507	93L07 291U 9B	510 25BMB	BRN 15S	10 W1	30	9	211	46	4	1000	4.5	.7
103	5084554	801010	6559426014509	93L07 2A1U 9B	502 15BMB	BRN 05S	05 W1	25	8	145	46	3	721	3.98	.3
104	5084554	801011	6559416014512	93L07 291U 9B	515 30BFP	RDBRN 50S	10 W1	30	7	132	72	2	388	4.75	.3
105	5084554	801012	6557396014512	93L07 272U 9B	525 35BMB	GYBRN 15S	10 W1	21	3	73	47	2	685	3.85	.2
106	5084554	801013	6556386014512	93L07 491U 9B	508 23BFB	YLBRN 03S	00 W1	21	15	159	31	2	1256	3.73	.2
107	5084554	801014	6555396014515	93L07 771U 9B	503 15BFP	RDBRN 02S	1	22	9	137	31	2	306	3.44	.3
108	5084554	801015	6554376014515	93L07 772U 9B	910 25BFB	BRN 20S	1	23	10	92	31	7	854	3.62	.4
109	5084554	801016	6553396014517	93L07 772U 9B	512 25BTL	BRN 05S	1	24	11	78	30	2	661	3.32	.2
110	5084554	801017	6552376014518	93L07 973US9B	725 35BTL	BRN	1	19	12	69	29	2	928	3.76	.3
111	5084554	801018	6552376014418	93L07 271U 9B	508 20BTL	BRN 20S	05NE1	19	7	103	29	3	509	3.21	.2
112	5084554	801019	6553366014418	93L07 773U 9B	725 35BTL	BRN	1	23	10	67	29	2	378	2.97	.3
113	5084554	801020	6554346014417	93L07 171U 9B	505 20BFP	RDBRN	1	23	13	120	34	5	344	3.85	.2
114	5084554	801021	6555376014414	93L07 471U 9B	508 25BFP	BRN	2 W1	19	14	86	26	2	644	3.41	.2
115	5084554	801022	6556296014413	93L07 791U 9B	510 25BTP	BRN 10S	1	30	13	144	31	2	587	3.64	.4
116	5084554	801023	6557366014411	93L07 791U 9B	520 30BFP	GYBRN 10S	1	21	12	113	40	2	341	3.22	.1
117	5084554	801024	6558356014411	93L07 271U 9B	510 25BFP	RDBRN 20S	10 W1	28	9	131	45	2	704	4.4	.3
118	5084554	801025	6559396014410	93L07 9A2US5	815 30BFP	RDBRN	15 W1	16	1	7	19	36	421	.6	.2
119	5084554	801026	6560376014406	93L07 271U 9B	710 25BF	RDBRN	10 W2	34	5	360	58	2	907	4.41	.5
120	5084554	801027	6561326014407	93L07 472U 9B	730 35BMB	BRN 10S	5 W1	31	6	104	51	3	813	4.41	.3
121	5084554	801028	6561356014299	93L07 271U 9B	403 15BFP	RDBRN 10S	5 W1	27	2	115	51	2	672	3.8	.2
122	5084554	801029	6560396014298	93L07 271U 9B	515 30BF	RDBRN 10S	10 W1	30	1	166	62	3	614	4.6	.3
123	5084554	801030	6559386014298	93L07 272U 9B	520 30BTL	BRN	5 W1	42	7	104	56	2	876	3.45	.3
124	5084554	801031	6558366014298	93L07 291U 9B	710 25BFP	RDBRN 10S	5SW1	31	7	78	52	2	665	4.28	.2
125	5084554	801032	6557376014298	93L07 771U 9B	510 25BFP	RDBRN 10S	1	22	7	86	52	2	379	3.64	.1
126	5084554	801033	6556366014298	93L07 391U 6	510 15BFP	GYBRN	25 W1	20	12	91	31	3	619	3.49	.1
127	5084554	801034	6555386014297	93L07 771U 9B	405 35BFP	RDBRN 20S	1	20	6	98	32	2	316	3.06	.2
128	5084554	801035	6554166014296	93L07 7A2U 9	410 25BGP	GRBRN	1	17	11	60	30	2	256	3.43	.1
129	5084554	801036	6553376014296	93L07 771U 9	500 15BTL	BRN	1	14	8	84	24	2	340	2.65	.1
130	5084554	801037	6552346014302	93L07 271U 9	05 20BFP	GRBRN	5 W1	20	13	189	32	3	347	3.57	.5
131	5084554	801038	6553336014237	93L07 771U 9B	503 15BTL	BRN	1	26	12	91	32	6	491	3.54	.1
132	5084554	801039	6554356014234	93L07 771U 9B	520 20BTL	GYBRN	1	24	15	89	38	2	304	3.74	.1
133	5084554	801040	6555366014229	93L07 271U 9B	705 20BFP	RDBRN	5 W1	23	10	122	42	2	394	4.27	.1
134	5084554	801041	6556366014227	93L07 781U 9B	510 20BTL	GYBRN	1	25	7	122	42	2	704	4.05	.3
135	5084554	801042	6557356014223	93L07 771U 9B	505 15BFP	RDBRN	1	25	10	100	41	2	732	3.62	.3
136	5084554	801043	6558086014211	93L07 771U 9B	720 25BTL	GYBRN	1	23	11	89	41	4	493	3.69	.2
137	5084554	801044	6559376014216	93L07 271U 9B	710 20BTL	BRN 10S	10 W1	38	8	108	66	2	1157	4.05	.3
138	5084554	801045	6560356014212	93L07 271U 9B	710 20BFP	RDBRN	10 W1	34	8	136	50	2	786	4.11	.4
139	5084554	801046	6561366014208	93L07 271U 9B	510 20BFL	RDBRN	10 W1	42	6	112	71	2	1122	4.58	.3
140	5084554	801047	6562356014206	93L07 271U 9B	510 20BFP	RDBRN	10 W1	31	5	125	50	2	656	4.43	.1
141	5084554	801048	6562276014108	93L07 271U 9B	510 20BFP	RDBRN	10 W1	30	3	132	58	2	416	4.13	.2

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142	5084554	802019	6547496017237	93L07 242U 1	515 35BTL	GRBRWN 20S	5 W1	31	18	150	29	2	688	3.81	.3
143	5084554	801050	6560366014111	93L07 271U 9B	510 20BFP	RDBRN 10S	15 W1	29	7	132	48	2	619	3.96	.2
144	5084554	801051	6559366014111	93L07 271U 9B	705 15BFP	RDBRN 10S	10 W1	23	3	84	46	2	286	3.79	.2
145	5084554	801052	6558336014113	93L07 771U 9B	510 20BFP	RDBRN 10S	2	37	3	118	57	3	710	4.73	.3
146	5084554	801053	6557336014113	93L07 963U 5	025 30AHG	BLCK	1	32	5	170	72	2	423	4.52	.3
147	5084554	801054	6556356014115	93L07 771U 9B	705 10BFP	RDBRN	1	17	7	99	27	3	381	2.99	.1
148	5084554	801055	6555356014117	93L07 771U 9B	510 20BFP	GYBRN	1	18	8	88	34	2	468	3.34	.1
149	5084554	801056	6554336014117	93L07 271U 9B	510 20BFP	GYBRN	10 S1	24	9	89	38	2	529	3.44	.2
150	5084554	801057	6553336014118	93L07 771U 9B	510 20BFP	RDBRN	1	19	9	126	27	2	787	3.16	.3
151	5084554	801058	6553336014016	93L07 771U 9B	510 20BFP	GYBRN	1	36	8	124	51	2	1144	4.71	.2
152	5084554	801059	6554326014016	93L07 772U 9B	703 15BTL	GYBRN 10S	1	23	8	82	26	2	510	2.93	.1
153	5084554	801060	6555316014015	93L07 272U 9B	520 30BTL	BRN	5 W1	27	7	88	31	2	375	3.33	.1
154	5084554	801061	6556316014011	93L07 771U 9	905 20BFP	RDBRN 30S	2	22	12	207	33	3	297	4.33	.2
155	5084554	801062	6557326014011	93L07 772U 9	520 30BTL	ORBRN 5S	1	25	6	61	44	2	450	4.31	.1
156	5084554	801063	6558326014011	93L07 772U 9	710 30BFP	RDBRN	2	32	1	73	62	2	694	5.07	.1
157	5084554	801064	6559346014007	93L07 771U 9	905 20BFP	RDBRN 20S	3 W1	29	2	118	72	2	349	4.58	.1
158	5084554	801065	6560346014006	93L07 271U 9	905 20BFP	RDBRN 30S	10 W2	30	1	110	72	2	278	5.36	.1
159	5084554	801067	6562336014003	93L07 271U 9	720 30BFP	RDBRN	15 W1	55	6	87	82	3	696	5.23	.4
160	5084554	801066	6561336014007	93L07 271U 9	910 20BFP	RDBRN 30S	15 W1	24	1	57	46	3	395	4.54	.1
161	5084554	801068	6563316013902	93L07 273U 9	510 20BFP	RDBRN 10S	10 W1	32	2	76	71	36	462	3.56	.1
162	5084554	801069	6562336013905	93L07 271U 9	720 30BFP	RDBRN	15 W1	32	4	77	61	2	577	4.15	.1
163	5084554	801070	6561346013906	93L07 271U 9	510 20BFP	RDBRN 20S	15 W1	20	6	194	51	2	1140	3.59	.1
164	5084554	801071	6560346013906	93L07 271U 9	510 20BFP	RDBRN	10 W1	46	3	295	72	2	742	5.23	.4
165	5084554	801072	6559336013907	93L07 771U 9	520 30BFP	RDBRN	1	24	4	83	60	2	329	4.04	.1
166	5084554	801073	6558326013910	93L07 773U 9	910 30BFP	RDBRN 20S	1	29	3	63	48	2	569	4.24	.1
167	5084554	801074	6557326013910	93L07 772U 9	720 30BFP	RDBRN	1	30	5	101	61	2	1043	4.7	.2
168	5084554	801075	6556336013911	93L07 772U 9	610 20BFP	RDBRN	1	42	7	105	51	2	832	4.71	.2
169	5084554	801076	6555316013913	93L07 773U 9	730 40BFP	BRN	1	43	8	121	57	11	851	3.9	.4
170	5084554	801077	6554336013913	93L07 271U 9	510 20BFP	RDBRN 10S	5W1	27	9	76	30	3	824	3.52	.2
171	5084554	801078	6553316013915	93L07 772U 9	710 20BFP	GYBRN	1	31	16	122	32	2	894	3.67	.4
172	5084554	801079	6552296013915	93L07 271U 9	510 25BFP	YLBRN 10S	5SW1	19	10	63	27	2	337	3.17	.1
173	5084554	801080	6551316013915	93L07 772U 9	510 25BFP	BRN 10S	1	16	6	91	19	2	452	2.7	.3
174	5084554	801081	6551316013821	93L07 271U 9	510 30BFP	RDBRN	20 W1	18	7	82	28	2	356	3.2	.2
175	5084554	801082	6552326013819	93L07 772U 9	510 25BFP	YLBRN	1	16	7	53	21	3	316	2.7	.1
176	5084554	802001	6550526017448	93L07 292U 1	530 40BTL	RDBRN 30S	5 W1	58	22	146	39	2	1253	4.2	.7
177	5084554	802002	6549446017441	93L07 294US1	735 45BFP	RDBLK 15S	5 W1	63	22	172	40	2	925	3.9	.9
178	5084554	802003	6548476017440	93L07 292U 1	745 60BTL	GRBLK 20S	5 W1	31	35	133	22	2	748	3.32	.3
179	5084554	802004	6547426017441	93L07 242U 1	745 60BTL	GRBRWN 20S	8 W1	56	60	190	28	2	1201	4.4	.5
180	5084554	802005	6546436017459	93L07 293U 1	740 50BTL	GRBRWN 20S	5 W1	39	21	135	25	2	712	3.43	.4
181	5084554	802006	6545516017423	93L07 294US1	740 50B66	RDBRWN 50S	5 W2	66	32	199	35	2	1250	4.56	.9
182	5084554	802007	6544646017433	93L07 243U 1	720 35BTL	GRBRWN 40S	2 W1	21	17	96	21	2	595	3.29	.2
183	5084554	802008	6543486017322	93L07 242U 1	720 35BTL	GRBRWN 30S	5 W1	34	19	215	29	2	903	3.35	.3
184	5084554	802009	6544566017319	93L07 292U 1	15 30BTL	GRBRWN 40S	2 W2	41	32	287	25	2	881	3.7	.5
185	5084554	802010	6545596017329	93L07 292U 1	15 30BTL	GRBRWN 20S	5 W4	42	34	202	27	2	754	3.64	.4
186	5084554	802011	6546496017328	93L07 293U 1	530 40B66	RDBRWN 20S	5 W2	57	31	186	34	2	857	4.37	.7
187	5084554	802012	6547426017339	93L07 242U 1	530 45BTL	GRBRWN 20S	5 W1	35	33	181	30	2	969	3.66	.3
188	5084554	802013	6548546017356	93L07 243U 1	525 35BTL	GRBRWN 20S	5 W1	20	24	123	17	2	450	2.64	.2
189	5084554	802014	6549546017356	93L07 242U 1	520 40BTL	GRBRWN 20S	5 W1	18	29	104	21	2	574	2.96	.2
190	5084554	802015	6550556017349	93L07 262U 1	530 45BTL	RDBRWN 25S	5 W1	65	17	233	40	2	799	4.69	.1
191	5084554	802016	6550296017248	93L07 294US1	730 40B66	RDBRWN 20S	5 W1	55	25	172	28	2	569	3.86	.6

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192	5084554	802017	6549376017254	93L07	294US1	730	45BGG	RDBRWN	25S	5	W1	37	35	160	24	2	606	3.47	.4	
193	5084554	802018	6548506017233	93L07	294U	1	515	35BTL	GRBRWN	15S	5	W1	27	38	150	22	2	867	3.59	.2
194	5084554	802019	6547496017237	93L07	242U	1	515	35BTL	GRBRWN	20S	5	W1	31	18	150	29	2	888	3.81	.3
195	5084554	802020	6546486017235	93L07	244US1	560	75BGG	RDBRWN	15S	5	W1	61	27	285	41	2	1068	4.65	.7	
196	5084554	802021	6545496017231	93L07	294US1	535	50BGG	RDBRWN	15S	5	W1	45	12	153	34	2	702	4.21	.4	
197	5084554	802022	6544486017234	93L07	294US1	535	50BGG	RDBRWN	15S	5	W1	42	36	204	37	2	1599	4.8	.5	
198	5084554	802023	6543736017224	93L07	242U	1	550	45BTL	GRBRWN	15S	5	W1	53	21	179	38	2	652	4.04	.8
199	5084554	802024	6544396017136	93L07	272U	1	525	35BTL	GRBRWN	25S	5	W1	24	30	140	27	2	835	3.4	.1
200	5084554	802025	6545516017136	93L07	272U	1	515	25BTL	GRBRWN	20S	5	W1	26	29	141	25	2	945	3.6	.2
201	5084554	802026	6546546017137	93L07	272U	1	540	60BTL	GRBRWN	15S	5	W1	28	25	110	32	4	945	3.76	.2
202	5084554	802027	6547526017140	93L07	292U	1	530	45BTL	GRBRWN	15S	5	W1	31	14	173	31	2	1118	3.65	.3
203	5084554	802028	6548526017143	93L07	292U	1	545	60BTL	GRBRWN		5	W1	63	29	207	47	2	1002	4.84	.4
204	5084554	802029	6549506017143	93L07	294US1	545	55BGG	RDBRWN	10S	5	W1	104	8	116	61	2	852	4.6	.7	
205	5084554	802030	6550516017148	93L07	292U	1	530	40BTL	GRBRWN	10S	5	W1	48	10	156	48	2	885	4.51	.5
206	5084554	802031	6547526016439	93L07	242U	1	535	45BTL	GRBRWN	10S	5	W1	33	26	141	30	2	1016	3.71	.3
207	5084554	802032	6548616016436	93L07	272U	1	515	30BTL	GRBRWN	15S	5	W1	25	23	89	27	2	646	3.19	.1
208	5084554	802033	6549626016449	93L07	299U	1	525	45BTL	GRBRWN	15S	5	W1	47	23	195	35	2	801	3.55	.4
209	5084554	802034	6550686016430	93L07	294U	1	535	50BGG	RDBRWN	20S	5	W1	55	11	121	37	2	556	3.43	.2
210	5084554	802035	6550586016525	93L07	294US1	530	45BGG	RDBRWN	10S	5	W1	26	23	111	28	2	628	3.2	.1	
211	5084554	802036	6549636016505	93L07	294U	1	540	55BGG	RDBRWN	15S	5	W1	40	21	160	34	2	764	3.63	.2
212	5084554	802037	6548616016500	93L07	292U	1	545	60BTL	GRBRWN	20S	5	W1	36	30	126	34	2	865	3.69	.2
213	5084554	802038	6547626016498	93L07	292U	1	525	40BTL	GRBRWN	15S	5	E1	27	18	135	30	2	873	3.66	.2
214	5084554	802039	6547616016613	93L07	292U	1	520	50BTL	GRBRWN	10S	5	E1	23	24	174	23	6	960	3.32	.3
215	5084554	802040	6548766016625	93L07	293U	1	525	40BTL	GRBRWN	15S	5	W1	22	21	96	25	4	910	3.36	.1
216	5084554	802041	6549626016610	93L07	293US1	550	75BGG	RDBRWN	40S	5	W1	35	18	98	32	2	827	3.17	.4	
217	5084554	802042	6550626016618	93L07	293U	1	535	45BTL	GRBRWN	15S	5	W1	47	16	174	34	2	1218	4.01	.4
218	5084554	802043	6550656016743	93L07	292U	1	755	70BTL	GRBRWN	10S	5	W1	35	14	172	41	2	1218	4.56	.3
219	5084554	802044	6549606016734	93L07	292U	1	525	40BTL	GRBRWN	10S	5	W1	19	12	82	23	2	824	2.8	.1
220	5084554	802045	6548576016737	93L07	292U	1	545	60BTL	GRBRWN	20S	5	W1	17	14	69	19	2	605	2.58	.1
221	5084554	802046	6547676016740	93L07	292U	1	525	40BTL	GRBRWN	10S	5	W1	21	10	112	26	2	704	3.29	.1
222	5084554	802047	6546596016743	93L07	292U	1	515	30BTL	GRBRWN		1	E1	22	14	79	25	2	746	3.36	.1
223	5084554	802048	6546576016834	93L07	293U	1	525	35BTL	GRBRWN	10S	5	W1	26	16	90	24	2	502	3.19	.1
224	5084554	802049	6548646016835	93L07	293U	1	530	45BTL	GRBRWN	15S	5	W1	37	18	116	29	2	932	3.4	.2
225	5084554	802050	6549646016835	93L07	293U	1	530	45BTL	GRBRWN	10S	5	W1	22	17	98	21	2	688	2.87	.2
226	5084554	802051	6550566016843	93L07	293U	1	560	75BTL	GRBRWN	20S	5	W1	24	16	92	23	2	559	2.96	.1
227	5084554	802052	6549546016937	93L07	293U	1	525	40BTL	GRBRWN	15S	5	W1	21	24	116	24	2	648	3.16	.2
228	5084554	802053	6548536016941	93L07	294U	1	535	50BGG	RDBRWN	15S	5	W1	20	21	107	21	2	617	3.03	.1
229	5084554	802054	6545516016933	93L07	292U	1	525	40BTL	GRBRWN	10S	5	W1	23	19	122	27	2	808	3.58	.1
230	5084554	802055	6544406017042	93L07	292U	1	525	40BTL	GRBRWN	15S	5	W1	24	17	131	24	2	582	3.27	.2
231	5084554	802056	6545526017043	93L07	294US1	540	60BGG	RDBRWN	10S	5	W1	44	16	113	37	2	749	3.98	.2	
232	5084554	802057	6546546017037	93L07	293U	1	555	75BTL	GRBRWN	15S	5	W1	24	27	122	26	3	820	3.4	.1
233	5084554	802058	6547586017044	93L07	294US1	545	60BGG	RDBRWN	10S	5	W1	38	30	162	27	3	775	3.4	.3	
234	5084554	802059	6550526017048	93L07	292U	1	560	75BGG	RDBRWN	20S	5	W1	35	37	150	27	3	842	3.56	.3
235	5084554	802060	6549606017036	93L07	293U	1	535	45BTL	GRBRWN	10S	5	W1	48	35	192	29	2	884	3.54	.5
236	5084554	802061	6548506017061	93L07	294US1	535	05BGG	RDBRWN		5	W1	56	31	185	40	5	909	4.37	.5	
237	5084554	802062	6547616016345	93L07	292U	1	520	35BTL	GRBRWN	10S	5	E1	25	12	119	28	2	962	3.46	.2
238	5084554	802063	6548616016339	93L07	292U	1	525	40BTL	GRBRWN	10S	5	W1	32	12	144	31	4	808	3.65	.3
239	5084554	802064	6549606016341	93L07	292U	1	515	25BTL	GRBRWN	10S	5	W1	23	12	98	31	2	522	3.54	.1
240	5084554	802065	6550626016340	93L07	293U	1	525	40BFP	RDBRWN	20S	5	W1	30	17	131	31	2	919	3.67	.3
241	5084554	802066	6551606016339	93L07	292U	1	525	40BTL	GRBRWN	20S	5	W1	20	12	121	29	2	919	3.36	.1
242	5084554	802067	6552596016329	93L07	294U	1	550	70BTL	GRBRWN	20S	5	W1	27	25	154	49	2	710	3.48	.2

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243	5084554	802068	6553646016337	93L07	293U	1	540	558TL	GRBRWN	15S	5	W1	22	16	114	32	2	669	3.23	.1
244	5084554	802069	6554656016328	93L07	294US1		540	508GG	RDBRWN	25S	5	W1	23	7	79	34	2	653	3.55	.1
245	5084554	802070	6555606016348	93L07	293U	1	545	608FP	RDBRWN	5S	5	W1	28	4	83	41	11	377	3.74	.1
246	5084554	802071	6556616016332	93L07	292U	1	535	508FP	RDBRWN	15A	5	W1	34	3	131	64	2	1153	5.62	.2
247	5084554	802072	6556626016417	93L07	293U	1	530	408FP	RDBRWN	15A	5	W1	27	5	94	35	4	466	4.22	.2
248	5084554	802073	6555596016429	93L07	292U	1	525	408FP	RDBRWN	15S	15	W1	27	6	122	46	2	445	4.21	.1
249	5084554	802074	6554616016415	93L07	292U	1	535	508FP	RDBRWN	15S	15	W1	27	13	136	44	2	744	3.94	.3
250	5084554	802075	6553606016424	93L07	293U	1	560	758FP	RDBRWN	15S	5	W1	25	10	108	36	2	557	3.66	.3
251	5084554	802076	6552616016432	93L07	294US1		540	658GG	RDBRWN	15S	5	W1	33	14	136	36	2	905	3.4	.4
252	5084554	802077	6552646016518	93L07	293U	1	520	358TL	GRBRWN	10S	5	W1	30	7	158	35	2	553	3.77	.3
253	5084554	802078	6553686016518	93L07	294US1		535	508GG	RDBRWN	25S	5	W1	45	25	176	47	2	1049	3.64	.3
254	5084554	802079	6554636016517	93L07	292U	1	520	358FP	RDBRWN	10S	5	W1	32	11	131	40	2	830	3.98	.4
255	5084554	802080	6555656016516	93L07	292U	1	520	308FP	RDBRWN	15S	5	W1	23	4	215	47	2	459	4	.1
256	5084554	802081	6555646016597	93L07	292U	1	540	508FP	RDBRWN	25S	5	W1	28	3	115	41	2	515	4.48	.2
257	5084554	802082	6554636016605	93L07	294US1		545	558GG	RDBRWN	45S	5	W1	30	3	136	39	2	963	4	.3
258	5084554	802083	6553626016614	93L07	292U	1	560	708FP	RDBRWN	15S	5	W1	32	8	133	48	2	563	4.61	.3
259	5084554	802084	6552546016609	93L07	292U	1	540	508FP	RDBRWN	10S	5	W1	32	9	172	38	2	511	4.33	.3
260	5084554	802085	6553606016721	93L07	292U	1	545	558FP	RDBRWN	10A	5	W1	57	5	206	59	2	717	4.47	.5
261	5084554	802086	6554666016728	93L07	292U	1	595	458FP	RDBRWN	30A	5	W1	31	9	339	39	2	1150	4.36	.4
262	5084554	802087	6555616016714	93L07	292U	1	520	358TL	RDBRWN	15S	5	W1	27	1	297	42	2	861	4.3	.3
263	5084554	802088	6555576016843	93L07	292U	1	525	408FP	RDBRWN	20S	5	W1	39	10	490	36	2	1421	4.3	1.1
264	5084554	802089	6554566016841	93L07	292U	1	520	308FP	RDBRWN	5S	5	W1	29	5	112	38	2	779	4.87	.3
265	5084554	802090	6553566016840	93L07	292U	1	540	508FP	RDBRWN	10S	5	W1	55	11	297	46	2	1093	4.69	.9
266	5084554	802091	6552576016845	93L07	292U	1	570	858FP	RDBRWN	10S	5	W1	49	15	198	42	2	854	4.55	.5
267	5084554	802092	6554556016956	93L07	292U	1	540	508TL	GRBRWN	10S	5	W1	42	11	212	43	5	966	4.81	.6
268	5084554	802093	6553606016961	93L07	292U	1	530	408TL	GRBRWN	15A	5	W1	34	8	149	37	2	667	3.7	.5
269	5084554	802094	6552816016953	93L07	292U	1	525	408FP	RDBRWN	15A	5	W1	35	17	322	31	2	610	4.18	.9
270	5084554	802095	6551476015422	93L07	242U	1	525	408TL	GRBRWN	10S	5	W1	22	12	108	32	2	769	3.74	.2
271	5084554	802096	6552506015422	93L07	292U	1	520	358FP	BRWN	10S	15	W1	16	11	245	27	2	973	3.19	.3
272	5084554	802097	6553486015422	93L07	242U	1	515	258FP	YLBROWN	10A	15	S2	30	7	172	46	2	884	4.79	.3
273	5084554	802098	6554476015422	93L07	292U	1	525	408FP	RDBRWN	15S	5	W1	18	3	134	20	2	355	3.11	.2
274	5084554	802099	6555496015424	93L07	292U	1	530	408FP	RDBRWN	15S	5	W1	29	6	116	32	2	827	3.52	.4
275	5084554	802100	6556496015424	93L07	292U	1	530	458FP	RDBRWN	10S	5	W1	24	1	86	30	2	423	3.8	.2
276	5084554	802101	6557486015425	93L07	292U	1	520	308FP	RDBRWN	20A	5	W1	21	4	81	39	2	481	3.95	.2
277	5084554	802102	6557476015323	93L07	292U	1	540	558FP	RDBRWN	10S	25	W1	29	6	108	58	2	498	4.79	.2
278	5084554	802103	6556466015313	93L07	292U	1	545	608TL	GRBRWN	05S	5	W1	18	6	67	34	4	367	3.55	.1
279	5084554	802104	6555476015326	93L07	292U	1	530	408TL	GRBRWN	10S	5	W1	20	4	91	35	2	294	3.76	.1
280	5084554	802105	6554466015312	93L07	294US1		525	408GG	RDBRWN	20S	5	W1	22	4	68	30	2	616	3.99	.3
281	5084554	802106	6553406015316	93L07	292U	1	515	258TL	GRBRWN	20S	5	W1	18	16	195	24	2	587	3.15	.2
282	5084554	802107	6552456015317	93L07	292U	1	535	508TL	GRBRWN	10S	5	W3	74	20	106	78	2	4743	4.4	.6
283	5084554	802108	6551476015319	93L07	242U	1	520	308TL	BRWN	15S	5	W1	14	14	106	26	2	737	3.34	.2
284	5084554	802109	6551506015510	93L07	292U	1	530	458TL	BRWN	25S	5	W1	23	7	209	40	2	735	3.78	.3
285	5084554	802110	6552486015513	93L07	292U	1	515	358FP	RDBRWN	15S	5	W1	20	6	220	37	2	885	3.45	.4
286	5084554	802111	6553496015515	93L07	292U	1	430	408FP	RDBRWN	60A	25	W3	79	76	213	90	2	1528	6.05	.5
287	5084554	802112	6554486015519	93L07	292U	1	520	458TL	GRBRWN	10S	5	W1	24	7	92	29	2	402	3.75	.3
288	5084554	802113	6555486015522	93L07	292U	1	530	508TL	BRWN	10S	5	W1	27	6	134	38	2	750	3.96	.6
289	5084554	802114	6556486015524	93L07	292U	1	515	358TL	BRWN	10S	5	W2	26	8	144	44	2	415	4.31	.2
290	5084554	802115	6557466015526	93L07	292U	1	525	408FP	BRWN	15S	25	W1	25	1	115	43	2	635	4.46	.3
291	5084554	802116	6557506015636	93L07	292U	1	525	408TL	GRBRWN	20S	25	W1	26	4	84	36	2	762	4.39	.2
292	5084554	802117	6556506015632	93L07	292U	1	520	358FP	RDBRWN	15S	5	W1	27	6	115	34	2	748	3.84	.4
293	5084554	802118	6555496015627	93L07	292U	1	520	308FP	RDBRWN	20S	5	W1	24	6	83	32	2	800	3.67	.2

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294	5084554	802119	6554506015623	93L07	292U	1	520	35BFP	RDBRWN	15S	5	W1	26	1	107	48	4	392	4.39	.1
295	5084554	802120	6553486015621	93L07	292U	1	515	25BFP	RDBRWN	25A	5	W1	24	6	109	31	2	508	3.83	.2
296	5084554	802121	6552506015616	93L07	292U	1	520	35BFP	RDBRWN	25S	25	W1	33	14	102	39	2	576	5.4	.2
297	5084554	802122	6551516015613	93L07	292U	1	525	40BFP	RDBRWN	10S	5	W1	41	15	119	53	2	1406	4.52	.7
298	5084554	802123	6551466015708	93L07	294US1		550	70BGG	RDBRWN	30S	5	W1	29	6	78	36	2	740	3.34	.3
299	5084554	802124	6552506015713	93L07	294US1		540	55BGG	RDBRWN	35S	5	W1	44	9	103	49	2	1069	4.52	.4
300	5084554	802125	6553506015716	93L07	292U	1	520	40BFP	RDBRWN		5	W1	25	6	147	35	2	384	4.04	.4
301	5084554	802126	6554506015721	93L07	292U	1	515	40BFP	RDBRWN	15S	5	W1	27	4	93	31	2	346	3.8	.2
302	5084554	802127	6555506015724	93L07	292U	1	520	40BFP	RDBRWN	20S	5	W1	31	2	108	39	2	898	4.72	.4
303	5084554	802128	6556546015728	93L07	292U	1	515	25BFP	RDBRWN	10S	15	W1	23	3	110	30	3	1349	3.73	.2
304	5084554	802129	6557496015731	93L07	292U	1	515	30BFP	RDBRWN	15S	25	W2	26	6	147	43	3	627	4.82	.3
305	5084554	802130	6557526015927	93L07	292U	1	515	40BFP	RDBRWN	25S	25	W1	24	3	86	48	2	433	4.41	.1
306	5084554	802131	6556526015824	93L07	292U	1	520	30BTL	GRBRWN	20S	25	W1	29	15	114	44	2	748	3.68	.1
307	5084554	802132	6555516015822	93L07	292U	1	515	35BFP	RDBRWN	20S	15	W1	24	3	127	34	3	399	4.34	.1
308	5084554	802133	6554536015820	93L07	292U	1	515	25BFP	RDBRWN	15S	15	W1	23	2	119	33	3	440	4.07	.2
309	5084554	802134	6553526015816	93L07	292U	1	525	50BFP	RDBRWN	20S	5	W1	24	8	113	32	2	534	3.86	.1
310	5084554	802135	6552506015814	93L07	292U	1	520	40BFP	RDBRWN	15S	5	W1	24	9	97	40	2	524	4.14	.2
311	5084554	802136	6551546015813	93L07	293U	1	525	35BFP	RDBRWN	20S	5	W1	28	17	147	34	2	818	3.83	.4
312	5084554	802137	6552456015216	93L07	293U	1	525	40BFP	RDBRWN	20S	5	W1	47	14	216	45	4	2061	3.74	.6
313	5084554	802138	6553456015212	93L07	292U	1	520	35BFP	RDBRWN	15S	5	W1	26	6	131	28	2	382	3.49	.5
314	5084554	802139	6554456015212	93L07	292U	1	515	25BFP	RDBRWN	20S		1	21	12	103	27	2	385	3.4	.3
315	5084554	802140	6555466015212	93L07	292U	1	515	25BFP	RDBRWN	15S		1	27	3	136	39	4	422	4.09	.1
316	5084554	802141	6556456015211	93L07	292U	1	545	60BFP	RDBRWN	15S	10	W1	32	2	85	48	3	429	4.54	.2
317	5084554	802142	6557466015208	93L07	292U	1	520	50BFP	RDBRWN	15S	25	W1	27	4	82	45	2	532	4.77	.1
318	5084554	802143	6557466015110	93L07	292U	1	540	60BFP	RDBRWN	20S	25	W1	21	2	78	38	2	657	3.83	.2
319	5084554	802144	6556456015111	93L07	292U	1	525	45BFP	RDBRWN	20S	20	W1	23	6	91	45	2	445	4.27	.2
320	5084554	802145	6555456015113	93L07	292U	1	525	40BFP	RDBRWN	15S	10	W1	23	4	87	45	2	385	4.01	.2
321	5084554	802146	6554436015114	93L07	292U	1	530	50BFP	RDBRWN	10S	5	W1	28	4	70	35	4	528	3.86	.2
322	5084554	802147	6553456015115	93L07	294US1		560	80BGG	RDBRWN	15S	5	W1	34	8	106	39	2	658	4.22	.3
323	5084554	802148	6552446015104	93L07	294U	1	560	85BGG	RDBRWN	10S	2	W1	46	5	100	47	5	732	3.91	.2
324	5084554	802149	6551466015117	93L07	292U	1	530	45BTL	GRBRWN	15S	5	W1	36	8	108	32	2	574	2.91	.3
325	5084554	802150	6551456015216	93L07	292U	1	530	45BTL	GRBRWN	10S	5	W1	28	15	132	29	2	617	3.39	.3
326	5084554	802151	6551586015908	93L07	293U	1	525	60BFP	RDBRWN	15S	5	W1	34	25	174	42	2	820	4.25	.4
327	5084554	802152	6552556015909	93L07	273U	1	545	60BFP	RDBRWN	15S	5	W1	40	10	121	39	2	524	3.57	.4
328	5084554	802153	6553546015911	93L07	293U	1	540	55BFP	RDBRWN	10S	5	W1	41	15	164	43	2	684	4.08	.5
329	5084554	802154	6554546015912	93L07	292U	1	520	40BTL	GRBRWN	10S	5	W2	59	8	144	71	2	447	3.97	.2
330	5084554	802155	6555546015913	93L07	292U	1	520	35BFP	BRWN	10S	10	W1	27	1	99	52	2	460	4.61	.3
331	5084554	802156	6556566015915	93L07	292U	1	525	50BFP	BRWN	10S	15	W1	25	4	120	42	3	555	4.32	.2
332	5084554	802157	6556556016013	93L07	292U	1	520	30BFP	BRWN	10S	5	W1	26	3	152	44	3	1023	4.07	.5
333	5084554	802158	6555546016013	93L07	292U	1	560	80BTL	GRBRWN	10S	10	W1	26	14	142	45	3	916	3.86	.3
334	5084554	802159	6554576016013	93L07	292U	1	555	80BTL	GRBRWN	15S	5	W1	29	15	124	44	3	1023	3.44	.4
335	5084554	802160	6553556016019	93L07	292U	1	530	50BTL	GRBRWN		5	W1	31	18	143	39	4	710	3.52	.4
336	5084554	802161	6552556016015	93L07	294US1		550	70BGG	RDBRWN	15S	5	W1	75	20	206	52	2	803	3.95	.9
337	5084554	802162	6551566016013	93L07	293U	1	525	40BTL	GRBRWN	20S	5	W1	24	20	116	36	2	825	3.77	.2
338	5084554	802163	6551576016123	93L07	292U	1	525	35BTL	GRBRWN	20S	5	W1	22	8	111	56	2	429	3.95	.2
339	5084554	802164	6552576016123	93L07	292U	1	540	60BTL	GRBRWN	15S	5	W1	26	12	155	42	2	583	3.78	.3
340	5084554	802165	6553566016120	93L07	292U	1	565	80BTL	GRBRWN	25S		1	69	16	197	62	2	789	3.97	.8
341	5084554	802166	6554586016121	93L07	293U	1	550	75BTL	GRBRWN	10S		1	27	14	209	40	3	661	3.87	.4
342	5084554	802167	6555586016120	93L07	292U	1	530	45BTL	GRBRWN	15S	10	W1	28	29	259	40	2	771	3.77	.4
343	5084554	802168	6556596016117	93L07	292U	1	525	45BFP	RDBRWN	25S	15	W1	26	2	113	44	2	596	4.45	.2
344	5084554	802169	6556626016221	93L07	292U	1	530	70BFP	RDBRWN	20S	10	W1	34	8	196	45	2	977	4.37	.6

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345	5084554	802170	6555606016224	93L07 292U 1	540 60BFP	RDBRWN 15S	5 W1	25	4	101	39	2	568	4.13	.2
346	5084554	802171	6554606016226	93L07 292U 1	540 60BFP	RDBRWN 25S	5 W1	32	4	120	40	7	623	4.39	.3
347	5084554	802172	6553606016228	93L07 292U 1	525 40BFP	RDBRWN 20S	3 W1	20	3	91	32	4	436	4.37	.1
348	5084554	802173	6552616016231	93L07 272U 1	535 50BFP	BRWN 50A	5 W1	30	4	175	38	3	592	3.78	.3
349	5084554	802174	6551616016232	93L07 273U 1	530 50BTL	GRBRWN 45A	5 W1	44	7	125	47	2	843	3.42	.5
350	5084554	802175	6550596016235	93L07 294US1	565 80BGG	RDBRWN 50S	5 W1	27	13	96	36	2	917	3.63	.2
351	5084554	802176	6549616016240	93L07 292U 1	520 35BTL	GRBRWN 30S	5 W1	36	13	103	30	2	514	2.95	.3
352	5084554	802177	6548616016244	93L07 292U 1	570 85BFP	RDBRWN 25S	5 W1	48	12	111	39	2	685	3.68	.4
353	5084554	802178	6547856016244	93L07 292U 1	520 35BTL	GRBRWN 15S	3 W1	26	7	88	38	2	230	2.94	.1
354	5084554	802179	6547596016126	93L07 292U 1	520 35BTL	GRBRWN 20S	2 W1	48	19	145	32	2	738	3.53	.5
355	5084554	802180	6548616016125	93L07 294US1	540 50BGG	RDBRWN 40S	5 W1	62	11	162	57	3	921	4.35	.6
356	5084554	802181	6549576016124	93L07 292U 1	560 80BFP	RDBRWN 15S	5 W1	41	9	123	53	4	964	3.74	.5
357	5084554	802182	6550556016124	93L07 292U 1	525 40BTL	GRBRWN 20S	5 W1	35	14	159	39	2	770	3.93	.3
358	5084554	802183	6550566016012	93L07 292U 1	530 45BTL	GRBRWN 20S	5 W1	36	16	110	38	2	1584	3.32	.5
359	5084554	802184	6549556016011	93L07 293U 1	540 55BFP	RDBRWN 15S	5 W1	35	20	120	38	2	676	4.06	.2
360	5084554	802185	6548556016008	93L07 294US1	570 90BGG	RDBRWN 20S	5 W1	50	14	128	52	2	1433	3.97	.5
361	5084554	802186	6547566015998	93L07 292U 1	525 40BTL	GRBRWN 15S	2 W1	32	16	118	40	2	416	3.51	.3
362	5084554	802187	6547556015903	93L07 294US1	560 75BGG	RDBRWN 20S	2 W1	59	19	158	53	2	1119	3.42	.7
363	5084554	802188	6548636015892	93L07 294US1	550 60BGG	RDBRWN 20S	3 W1	53	21	165	47	2	1017	4.28	.5
364	5084554	802189	6549546015905	93L07 292U 1	535 50BFP	RDBRWN 15S	5 W1	48	18	194	42	2	985	3.94	.5
365	5084554	802190	6550556015905	93L07 292U 1	530 45BFP	RDBRWN 15S	8 W1	27	15	136	25	2	572	3.3	.5
366	5084554	802191	6551456015022	93L07 292U 1	520 35BTL	GRBRWN 10S	5 W1	17	13	92	17	2	394	2.83	.4
367	5084554	802192	6551456014919	93L07 292U 1	525 40BFP	RDBRWN 15S	5 W1	25	16	109	26	2	694	3.49	.3
368	5084554	802193	6552426014919	93L07 294US1	540 55BGG	RDBRWN 20S	5 W1	36	18	141	29	2	933	3.69	.4
369	5084554	802194	6553406014919	93L07 293U 1	530 50BFP	RDBRWN 20S	5 W1	25	15	162	29	2	438	3.92	.4
370	5084554	802195	6554426014919	93L07 292U 1	550 70BFP	RDBRWN 10S	10SM1	32	5	76	37	2	689	4.41	.1
371	5084554	802196	6555426014920	93L07 292U 1	525 45BFP	RDBRWN 25S	5SM1	26	9	84	41	2	587	4.39	.2
372	5084554	802197	6556436014920	93L07 292U 1	535 50BFP	RDBRWN 10S	5 W1	25	9	83	42	2	490	3.78	.3
373	5084554	802198	6557426014920	93L07 292U 1	530 80BFP	RDBRWN 15S	15 W1	29	6	101	53	2	967	4.8	.3
374	5084554	802199	6558436015014	93L07 292U 1	545 60BTL	GRBRWN 10S	20 W1	32	11	80	41	2	705	4.14	.2
375	5084554	802200	6557436015014	93L07 292U 1	535 50BFP	RDBRWN 15S	2 W1	32	9	85	50	2	435	4.35	.2
376	5084554	802201	6556416015013	93L07 292U 1	560 80BTL	GRBRWN 20S	15 W1	32	8	81	40	2	651	4.35	.2
377	5084554	802202	6555416015015	93L07 292U 1	545 65BFP	RDBRWN 15S	5 W1	38	9	75	40	2	576	4.31	.2
378	5084554	802203	6554416015024	93L07 294US1	550 70BGG	RDBRWN 15S	5SM1	27	4	58	23	2	349	3.07	.3
379	5084554	802204	6553416015031	93L07 293U 1	545 60BFP	RDBRWN 10S	5SM1	28	8	88	32	2	915	3.89	.3
380	5084554	802205	6552426015019	93L07 293U 1	535 50BFP	RDBRWN 15S	5 W1	27	14	105	26	2	784	3.29	.4
381	5084554	802206	6544436015131	93L07 292U 1	525 40BFP	RDBRWN 15S	5 W1	23	11	120	31	2	508	3.53	.3
382	5084554	802207	6543436015132	93L07 292U 1	525 40BFP	RDBRWN 15S	2 W1	24	11	193	27	2	676	4.49	.4
383	5084554	802208	6544456015217	93L07 292U 1	535 50BFP	RDBRWN 15S	2 W1	32	10	141	27	2	1023	3.64	.3
384	5084554	802209	6546476015214	93L07 292U 1	530 45BFP	RDBRWN 10S	3 W1	34	14	146	23	2	389	2.99	.4
385	5084554	802210	6547466015215	93L07 292U 1	525 50BFP	RDBRWN 15S	3 W1	46	11	165	32	2	796	3.96	.4
386	5084554	802211	6548446015217	93L07 292U 1	560 80BFP	RDBRWN 10S	5 W1	38	22	151	33	2	1143	3.77	.4
387	5084554	802212	6549466015214	93L07 292U 1	425 55BFP	RDBRWN 35S	5 W1	29	14	94	29	2	1347	3.38	.5
388	5084554	802213	6550476015215	93L07 293U 1	535 50BFP	RDBRWN 15S	5 W1	37	14	139	30	2	1062	3.61	.4
389	5084554	802214	6550456015120	93L07 292U 1	545 60BFP	RDBRWN 10S	5 W1	39	12	167	39	2	3079	4.02	.6
390	5084554	802215	6549456015120	93L07 293U 1	525 40BFP	RDBRWN 15S	5 W1	53	17	194	33	2	861	3.81	.4
391	5084554	802216	6548456015117	93L07 294US1	540 60BGG	RDBRWN 20S	5 W1	35	15	129	29	2	1434	3.59	.5
392	5084554	802217	6547456015125	93L07 294US1	535 50BGG	RDBRWN 15S	5 W1	74	11	193	47	2	1222	4.13	.6
393	5084554	802218	6546446015127	93L07 292U 1	530 50BTL	GRBRWN 25S	5 W1	28	29	86	20	2	410	2.88	.2
394	5084554	802219	6545456015129	93L07 292U 1	530 45BFP	RDBRWN 15S	5 W1	24	14	158	23	2	787	3.11	.4
395	5084554	802220	6545456015218	93L07 292U 1	525 40BFP	RDBRWN 15S	5 W1	49	16	129	31	2	782	3.27	.5

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396	50845541	802221	6547526015705	93L07	292U	1	535	50BFP	RDBRWN	15S	5	W1	35	15	128	44	2	824	4.19	.3
397	50845541	802222	6548516015705	93L07	292U	1	530	60BFP	RDBRWN	15S	10	W1	27	13	84	32	2	739	3.7	.2
398	50845541	802223	6549516015706	93L07	293U	1	520	40BFP	RDBRWN	20S	2	W1	21	18	131	30	4	572	3.65	.2
399	50845541	802224	6550556015707	93L07	293U	1	540	60BFP	RDBRWN	10S	5	W1	27	17	87	23	2	598	3.22	.3
400	50845541	802225	6550546015809	93L07	293U	1	525	50BFP	RDBRWN	10S	5	W1	22	12	123	21	2	404	3.01	.3
401	50845541	802226	6549526015805	93L07	292U	1	520	40BFP	RDBRWN	15S	5	W1	26	14	108	28	2	587	3.33	.2
402	50845541	802227	6547496015623	93L07	292U	1	445	60BFP	RDBRWN	25S	5	W1	24	15	96	33	2	1097	3.76	.2
403	50845541	802228	6548486015620	93L07	293U	1	520	70BFP	RDBRWN	15S	10	W1	25	24	147	29	2	1039	3.99	.4
404	50845541	802229	6549496015618	93L07	292U	1	520	40BFP	RDBRWN	10S	3	W1	23	14	225	32	2	818	3.64	.3
405	50845541	802230	6550506015615	93L07	292U	1	525	50BFP	RDBRWN	10S	15	W1	21	12	100	25	2	1002	3.49	.2
406	50845541	802231	6550506015507	93L07	293U	1	530	50BFP	RDBRWN	15S	10	W1	17	13	122	28	2	562	3.33	.1
407	50845541	802232	6549506015507	93L07	292U	1	525	40BTL	GRBRWN	10S	5	W1	25	11	110	29	4	628	3.55	.2
408	50845541	802233	6548496015507	93L07	242U	1	525	50BTL	GRBRWN	15S	5	W1	23	16	122	35	2	787	3.94	.2
409	50845541	802234	6547486015506	93L07	292U	1	530	50BFP	RDBRWN	15S	5	W1	27	18	122	32	2	789	3.84	.3
410	50845541	802235	6546476015504	93L07	243U	1	530	50BTL	GRBRWN	15S	5	W1	30	21	133	32	2	969	3.83	.3
411	50845541	802236	6546496015403	93L07	243U	1	525	40BFP	RDBRWN	15S	5	W1	26	15	131	30	3	770	3.66	.2
412	50845541	802237	6547496015406	93L07	292U	1	530	50BFP	RDBRWN	25S	5	W1	22	17	97	28	2	733	3.65	.2
413	50845541	802238	6548476015410	93L07	293U	1	525	45BFP	RDBRWN	15S	5	W1	17	11	110	27	2	637	3.45	.1
414	50845541	802239	6549486015414	93L07	244US1		550	60BGG	RDBRWN	20S	2	W1	34	15	196	37	2	1031	4.04	.6
415	50845541	802240	6550496015418	93L07	292U	1	520	50BFP	RDBRWN	15S	5	W1	27	14	140	32	4	1238	3.73	.4
416	50845541	802241	6550476015318	93L07	293U	1	545	60BFP	RDBRWN	10S	1		37	15	107	33	2	908	3.78	.3
417	50845541	802242	6549466015317	93L07	243U	1	535	50BTL	GRBRWN	15S	1		27	18	114	32	2	923	3.81	.2
418	50845541	802243	6548456015317	93L07	293U	1	550	65BFP	RDBRWN	15S	5	W1	25	14	123	31	2	760	3.67	.2
419	50845541	802244	6547456015316	93L07	294US1		550	70BGG	RDBRWN	20S	5	W1	53	15	158	40	3	951	4.17	.6
420	50845541	802245	6546456015316	93L07	293U	1	540	55BFP	RDBRWN	15S	5	W1	26	14	101	29	2	829	3.63	.2
421	50845541	802246	6545446014996	93L07	292U	1	540	55BFP	RDBRWN	15S	5	W1	20	19	100	28	2	965	3.64	.1
422	50845541	802247	6544436014991	93L07	294US1		560	80BGG	RDBRWN	20S	5	W1	32	17	151	32	2	691	3.69	.4
423	50845541	802248	6543706014992	93L07	242U	1	580	100BFP	RDBRWN	15S	25	W1	29	14	151	28	2	970	3.5	.3
424	50845541	802249	6546446015002	93L07	294US1		560	70BGG	RDBRWN	15S	5	W1	36	18	134	31	2	821	3.78	.3
425	50845541	802250	6547436015003	93L07	294US1		540	50BGG	RDBRWN	10S	5	W1	58	19	175	39	2	1395	4.72	.6
426	50845541	802251	6548426015008	93L07	293U	1	530	50BFP	RDBRWN	20S	5	W1	27	16	143	29	2	880	3.66	.3
427	50845541	802252	6549436015012	93L07	293U	1	530	45BFP	RDBRWN	15S	5	W1	29	17	137	34	2	647	3.94	.3
428	50845541	802253	6550446015016	93L07	293U	1	520	45BFP	RDBRWN	15S	5	W1	31	12	146	32	2	655	4.2	.3
429	50845541	802254	6550406014916	93L07	292U	1	525	50BTL	GRBRWN	10S	5	W1	17	15	89	22	3	437	2.91	.1
430	50845541	802255	6549426014909	93L07	292U	1	525	40BFP	RDBRWN	15S	5	W1	19	13	94	22	2	630	3.24	.2
431	50845541	802256	6548416014906	93L07	292U	1	525	40BFP	RDBRWN	15S	5	W1	33	16	117	28	2	1065	3.6	.4
432	50845541	802257	6547396014900	93L07	292U	1	530	50BFP	RDBRWN	10S	5	W1	37	15	112	27	2	829	3.55	.3
433	50845541	802258	6546426014896	93L07	292U	1	525	40BFP	RDBRWN	15S	5	W1	31	17	146	28	2	883	3.38	.4
434	50845541	802259	6545296014891	93L07	293U	1	540	60BFP	RDBRWN	20S	2	W1	36	15	116	29	2	657	3.82	.4
435	50845541	802260	6544436014888	93L07	292U	1	545	60BFP	RDBRWN	15S	30	W1	25	12	101	25	2	937	3.37	.2
436	5084554	802261	6544406014786	93L07	292U	1	530	60BFP	RDBRWN	10S	25	W1	31	14	120	31	2	1007	3.68	.3
437	5084554	802262	6543396014790	93L07	292U	1	525	45BFP	RDBRWN	15S	2	W1	24	13	96	23	2	712	3.17	.2
438	5084554	802263	6546426014796	93L07	292U	1	520	45BFP	RDBRWN	15S	5	W1	15	13	174	18	2	388	3.21	.3
439	5084554	802264	6547416014799	93L07	292U	1	525	45BFP	RDBRWN	15S	3	W1	17	12	103	20	2	615	2.96	.1
440	5084554	802265	6548396014804	93L07	294US1		535	60BGG	RDBRWN	15S	5	W1	23	14	128	25	2	649	3.38	.2
441	5084554	802266	6549396014808	93L07	294US1		540	60BGG	RDBRWN	15S	5	W1	27	18	134	26	2	976	3.49	.3
442	5084554	802267	6550406014812	93L07	294US1		540	60BGG	RDBRWN	15S	5	W1	29	14	90	27	2	801	3.51	.2
443	5084554	802268	6551416014820	93L07	294U	1	540	55BFP	RDBRWN	15S	5	W1	17	14	87	24	2	841	3.54	.2
444	5084554	802269	6551416014721	93L07	294US1		525	50BGG	RDBRWN	15S	2	W1	30	13	97	27	2	482	3.58	.3
445	5084554	802270	6550326014713	93L07	294U	1	540	50BFP	RDBRWN	15S	5	W1	14	9	66	20	2	477	2.83	.1
446	5084554	802271	6549386014711	93L07	293U	1	525	40BFP	RDBRWN	15S	5	W1	27	8	112	30	2	648	3.71	.5

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447	5084554	802272	6548386014705	93L07	292U	1	530	50BFP	RDBRWN	158	5	W1	17	13	99	19	2	702	3.07	.1
448	5084554	802273	6547376014699	93L07	292U	1	535	50BFP	RDBRWN	208	5	W1	18	12	82	20	2	446	2.87	.1
449	5084554	802274	6546386014701	93L07	293U	1	540	55BFP	RDBRWN	158	5	W1	18	12	111	22	2	687	3.14	.4
450	5084554	802275	6545386014692	93L07	242U	1	530	50BFP	RDBRWN	208	15	W1	25	12	100	28	2	832	3.56	.3
451	5084554	802276	6544396014689	93L07	242U	1	580	90BFP	RDBRWN	108	2	W1	69	19	159	52	2	872	4.25	1.1
452	5084554	802277	6544396014609	93L07	243U	1	345	60BFP	RDBRWN	58	0	1	15	7	72	24	2	616	3.15	.7
453	5084554	802278	6545406014612	93L07	292U	1	540	60BFP	RDBRWN	158	25	W1	34	15	100	48	2	932	4.17	.8
454	5084554	802279	6546406014612	93L07	293U	1	540	50BFP	RDBRWN	258	5	W1	29	12	156	28	2	691	3.47	.9
455	5084554	802280	6547406014613	93L07	293U	1	535	50BFP	RDBRWN	158	5	W1	22	12	104	29	2	749	3.61	.8
456	5084554	802281	6548396014616	93L07	292U	1	525	40BFP	RDBRWN	158	5	W1	16	12	85	24	2	526	3.23	.5
457	5084554	802282	6549376014616	93L07	292U	1	535	50BFP	RDBRWN	158	5	W1	20	15	118	30	2	491	3.67	.4
458	5084554	802283	6550396014616	93L07	292U	1	520	35BFP	RDBRWN	158	5	W1	17	11	176	23	2	341	2.93	.6
459	5084554	802284	6551396014618	93L07	294US1		525	45BGG	RDBRWN	258	5	W1	25	13	113	27	2	593	3.28	.6
460	5084554	802285	6551396014520	93L07	293U	1	530	50BFP	RDBRWN	208	5	W1	28	13	99	29	2	870	3.65	.3
461	5084554	802286	6550376014516	93L07	293US1		540	50BGG	RDBRWN	208	5	W1	20	15	95	30	3	430	3.11	.6
462	5084554	802287	6549386014515	93L07	292U	1	535	50BFP	RDBRWN	158	5	W1	20	8	84	27	2	567	3.24	.2
463	5084554	802288	6548356014515	93L07	293U	1	520	45BFP	RDBRWN	158	5	W1	24	19	122	34	2	673	3.86	.6
464	5084554	802289	6547386014514	93L07	294US1		545	60BGG	RDBRWN	108	2	W1	30	12	107	34	2	1349	3.88	.4
465	5084554	802290	6546376014513	93L07	293U	1	550	60BFP	RDBRWN	158	3	W1	25	16	102	33	2	1072	3.82	.5
466	5084554	802291	6545356014512	93L07	292U	1	525	40BFP	RDBRWN	108	15	W1	28	13	91	30	2	929	3.81	.3
467	5084554	802292	6544426014510	93L07	242U	1	525	40BFP	RDBRWN	108	25	W1	29	13	100	37	2	951	3.88	.6
468	5084554	802293	6544376014414	93L07	242U	1	435	60BTL	GRBRWN	058	20	W1	36	14	110	43	2	837	3.65	.5
469	5084554	802294	6545386014414	93L07	292U	1	530	45BFP	RDBRWN	158	5	W1	25	14	102	34	2	809	4.15	.5
470	5084554	802295	6546426014414	93L07	243U	1	535	45BFP	RDBRWN	108	2	W1	39	21	117	44	2	984	4.86	.5
471	5084554	802296	6547366014419	93L07	293U	1	540	60BFP	RDBRWN	158	5	W1	51	16	128	42	2	759	3.7	.5
472	5084554	802297	6548366014415	93L07	292U	1	525	40BFP	RDBRWN	108	5	W1	17	12	126	24	2	568	3.49	.4
473	5084554	802298	6549336014419	93L07	292U	1	545	60BTL	GRBRWN	258	5	W1	22	10	82	30	2	579	3.36	.4
474	5084554	802299	6550366014418	93L07	292U	1	440	50BTL	GRBRWN	108	5	W1	20	8	89	28	2	421	3.39	.2
475	5084554	802300	6551386014418	93L07	292U	1	530	50BFP	RDBRWN	158	5	W1	21	12	82	35	2	424	3.53	.4
476	5084554	802301	6551376014318	93L07	293U	1	525	40BFP	RDBRWN	158	5	W1	18	10	67	22	2	453	2.98	.1
477	5084554	802302	6550416014316	93L07	293U	1	520	35BFP	RDBRWN	158	5	W1	15	12	85	21	2	466	2.91	.2
478	5084554	802303	6549346014313	93L07	293U	1	560	75BFP	RDBRWN	108	2	W1	30	12	99	29	2	692	3.64	.3
479	5084554	802304	6548356014302	93L07	293U	1	450	70BFP	RDBRWN	208	5	W1	22	13	153	26	2	532	3.53	.4
480	5084554	802305	6547366014307	93L07	292U	1	525	40BFP	RDBRWN	108	5	W1	46	13	151	41	2	1181	4.19	.7
481	5084554	802306	6546356014306	93L07	292U	1	425	35BFP	RDBRWN	208	3	W1	19	35	90	32	2	552	3.68	.3
482	5084554	802307	6545356014300	93L07	292U	1	525	40BFP	RDBRWN	158	5	W1	25	14	96	30	2	877	3.91	.3
483	5084554	802308	6544466014300	93L07	292U	1	440	60BFP	RDBRWN	108	25	W1	39	17	119	41	2	994	3.76	.4
484	5084554	802309	6544386014183	93L07	291U	1	240	60BFP	RDBRWN		0	1	17	6	74	24	2	582	3.16	.3
485	5084554	802310	6545366014193	93L07	292U	1	525	40BFP	RDBRWN	208	10	W1	35	9	111	39	2	697	3.9	.5
486	5084554	802311	6546366014194	93L07	291U	1	735	50BFP	RDBRWN	10A	15	W1	18	13	76	32	2	610	3.59	.3
487	5084554	802312	6547376014198	93L07	292U	1	525	40BFP	RDBRWN	158	5	W1	19	13	84	29	2	759	3.57	.3
488	5084554	802313	6548346014205	93L07	292U	1	520	30BFP	RDBRWN	108	5	W1	15	10	96	19	2	472	2.99	.4
489	5084554	802314	6549346014209	93L07	292U	1	520	45BFP	RDBRWN	158	2	W1	19	11	196	23	2	716	3.25	.5
490	5084554	802315	6550336014215	93L07	292U	1	525	45BFP	RDBRWN	158	5	W1	16	9	130	24	2	445	3.32	.3
491	5084554	802316	6551346014222	93L07	292U	1	525	45BFP	RDBRWN	158	2	W1	21	16	194	33	2	437	3.51	.4
492	5084554	802317	6551346014123	93L07	292U	1	525	50BFP	RDBRWN	108	2	W1	22	12	116	36	2	445	3.64	.3
493	5084554	802318	6552356014231	93L07	292U	1	525	40BFP	RDBRWN	158	3	W1	20	13	81	30	3	388	3.17	.2
494	5084554	802319	6552356014118	93L07	292U	1	540	50BFP	RDBRWN	108	3	W1	22	10	101	35	2	414	3.33	.2
495	5084554	802320	6552306014018	93L07	292U	1	520	35BFP	RDBRWN	108	2SE1		24	9	103	29	2	754	3.32	.4
496	5084554	802321	6551336014017	93L07	292U	1	445	60BFP	RDBRWN	58	2SW1		16	10	58	20	2	521	2.93	.1
497	5084554	802322	6550296014009	93L07	291U	1	435	50BFP	RDBRWN	158	5SW1		19	16	87	29	2	407	3.25	.2

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498	5084554	802323	6549326014002	93L07 292U 1	535 50BFP	RDBRWN 15S	5 W1	17	15	74	24	2	475	2.99	.1
499	5084554	802324	6548346013995	93L07 292U 1	535 50BFP	RDBRWN 20S	5SW1	19	11	99	22	2	602	2.93	.3
500	5084554	802325	6547326013988	93L07 292U 1	525 40BFP	RDBRWN 15S	5 W1	23	11	107	27	2	769	3.57	.5
501	5084554	802326	6546446013980	93L07 293U 1	540 50BFP	RDBRWN 15S	5 W1	23	18	83	29	2	676	3.75	.2
502	5084554	802327	6545396013974	93L07 292U 1	540 60BFP	RDBRWN 10S	15 W1	22	14	107	32	2	831	3.57	.2
503	5084554	802328	6544326013972	93L07 591U 1	225 45BFP	RDBRWN 00	0 1	14	8	72	22	2	551	3.13	.1
504	5084554	802329	6542426014057	93L07 591U 1	225 40BFP	RDBRWN 00	0 1	15	7	74	21	2	612	3.24	.1
505	5084554	802330	6543326014066	93L07 591U 1	245 60BFP	RDBRWN 00	0 1	24	7	75	26	2	725	3.29	.2
506	5084554	802331	6544336014072	93L07 591U 1	435 50BFP	RDBRWN 5S	0 1	21	8	78	26	2	812	3.19	.1
507	5084554	802332	6545346014074	93L07 292U 1	530 45BFP	RDBRWN 10S	5 W1	19	9	99	21	2	519	3.19	.2
508	5084554	802333	6546356014086	93L07 292U 1	535 50BFP	RDBRWN 15S	5 W1	23	15	90	27	2	775	3.48	.3
509	5084554	802334	6547346014094	93L07 292U 1	535 50BFP	RDBRWN 15S	10 W1	20	9	112	30	3	518	3.44	.3
510	5084554	802335	6548346014102	93L07 292U 1	540 60BFP	RDBRWN 15S	5 W1	20	14	75	26	2	648	3.35	.3
511	5084554	802336	6549336014106	93L07 292U 1	530 50BFP	RDBRWN 15S	5 W1	22	9	84	33	2	562	3.6	.2
512	5084554	802337	6550326014113	93L07 292U 1	535 50BFP	RDBRWN 10S	5 W1	17	9	91	31	2	460	3.15	.2
513	5084554	802338	6550296013894	93L07 293U 1	440 50BFP	RDBRWN 5S	5 W2	14	10	74	22	2	574	3.04	.3
514	5084554	802339	6549296013894	93L07 292U 1	440 55BFP	RDBRWN 5S	5 W1	19	10	90	19	2	575	3.3	.3
515	5084554	802340	6548306013881	93L07 292U 1	240 60BTL	GRBRWN 5S	5 W1	14	9	69	20	3	333	2.74	.1
516	5084554	802341	6547306013881	93L07 292U 1	530 45BFP	RDBRWN 20S	8 W1	19	10	103	26	2	432	3.27	.2
517	5084554	802342	6546326013880	93L07 292U 1	435 50BFP	RDBRWN 15S	15 W1	16	12	77	22	2	503	2.94	.1
518	5084554	802343	6547406013804	93L07 293U 1	540 60BTL	GRBRWN 10S	5 W1	17	14	88	22	2	511	3.31	.5
519	5084554	802344	6548286013813	93L07 292U 1	25 40BFP	RDBRWN 15S	5 W1	17	13	90	20	2	575	3.16	.3
520	5084554	802345	6549296013813	93L07 293U 1	535 50BFP	RDBRWN 5S	5 W1	20	14	81	23	2	520	3.39	.2
521	5084554	802346	6550296013817	93L07 293U 1	535 50BTL	GRBRWN 15S	10SW1	16	12	81	24	2	422	3.14	.1
522	5084554	802347	6551306013722	93L07 291U 1	440 50BFP	RDBRWN 5S	05 W1	17	8	101	24	2	324	2.82	.2
523	5084554	802348	6552306013721	93L07 292U 1	530 45BFP	RDBRWN 15S	5SW1	16	13	93	24	3	723	3.16	.1
524	5084554	802349	6550286013725	93L07 293U 1	535 50BFP	RDBRWN 15S	5 W1	19	18	124	31	2	400	3.59	.1
525	5084554	802350	6549296013724	93L07 292U 1	525 40BFP	RDBRWN 10S	5 W1	20	11	98	21	3	343	3.05	.1
526	5084554	802351	6548306013727	93L07 291U 1	435 50BFP	RDBRWN 5S	5SW1	15	14	109	29	2	1112	3.68	.1
527	5084554	802352	6547306013718	93L07 291U 1	445 60BFP	RDBRWN 10S	20 W1	29	25	98	28	2	949	3.5	.4
528	5084554	802353	6547496013627	93L07 292U 1	520 60BTL	GRBRWN 15S	25 W1	43	16	137	40	2	1005	3.89	.2
529	5084554	802354	6548306013628	93L07 292U 1	435 50BTL	GRBRWN 20S	2 W1	16	13	81	27	2	728	3.39	.1
530	5084554	802355	6549296013627	93L07 291U 1	450 70BTL	GRBRWN 5S	5 W1	15	7	93	28	2	466	3.16	.1
531	5084554	802356	6550296013625	93L07 291U 1	245 60BTL	GRBRWN 0	5 W1	17	9	68	30	3	733	3.34	.1
532	5084554	802357	6551286013622	93L07 291U 1	240 60BFP	YWBRRN 0	10 W1	16	9	65	23	2	533	3.16	.2
533	5084554	802358	6552286013622	93L07 291U 1	235 50BFP	RDBRWN 5S	5 W1	14	9	87	22	2	532	2.85	.1
534	5084554	802359	6552266013522	93L07 291U 1	525 40BFP	RDBRWN 5S	5 W1	15	10	108	26	2	461	3.34	.2
535	5084554	802360	6553286013520	93L07 292U 1	525 40BFP	RDBRWN 5S	5 W1	14	7	77	18	2	306	2.33	.1
536	5084554	802361	6554276013519	93L07 292U 1	525 40BFP	RDBRWN 10S	5 W1	19	11	84	25	2	724	3.24	.1
537	5084554	802362	6555266013518	93L07 292U 1	520 35BFP	RDBRWN 15S	5 W1	19	11	83	20	5	452	2.77	.1
538	5084554	802363	6556276013515	93L07 294US1	520 30BFP	RDBRWN 15S	2 W1	13	15	81	19	2	480	2.74	.1
539	5084554	802364	6557286013515	93L07 293U 1	520 35BFP	RDBRWN 10S	5 W1	16	8	68	21	2	309	2.51	.1
540	5084554	802365	6558276013514	93L07 293U 1	535 50BFP	RDBRWN 20S	5HW1	22	11	100	38	2	411	3.56	.2
541	5084554	802366	6559336013512	93L07 294US1	545 70BGG	RDBRWN 10S	5 W1	39	12	101	35	2	902	2.86	.2
542	5084554	802367	6560296013508	93L07 292U 1	525 40BFP	RDBRWN 10S	5 W1	18	12	94	36	2	487	3.27	.2
543	5084554	802368	6561286013508	93L07 292U 1	530 50BFP	RDBRWN 15S	5 W1	19	9	147	28	2	446	3.18	.1
544	5084554	802369	6562296013508	93L07 293U 1	545 60BFP	RDBRWN 5S	5SW1	51	15	211	49	2	986	3.79	.4
545	5084554	802370	6563296013506	93L07 292U 1	530 40BFP	YWBRRN 20S	5 W1	16	12	156	25	2	420	3.36	.2
	5084554	802371	6564226013509	93L07 292U 1	545 60BTL	GRBRWN 15S	5 W1	30	20	145	35	2	1124	3.59	.2

REC#	SNPL#	CO	AU	AU?	AS	HG	SB	SN	N	F	TH	CD	RI	V	BA	SR	SI	AL	CA	MG	NA	K	AE1	AE2	TI
1	800001	12	42	1	74	5	2	2	2		2	2	2	62	172	53	.12	1.85	.38	.49	.01	.03			.05
2	800002	13	11	1	13		2	2	2		3	2	2	100	271	116	.1	2.5	.79	.99	.03	.04			.19
3	800003	11	13	1	23	5	2	2	2		3	1	2	92	303	104	.38	1.8	.59	.58	.02	.04			.17
4	800004	9	9	1	15		2	2	2		3	1	2	82	317	114	.09	1.7	.67	.68	.02	.03			.19
5	800005	9	48	1	64	5	2	2	2		2	1	3	65	155	59	.28	1.38	.45	.44	.01	.03			.09
6	800006	13	4	1	10		2	2	2		3	1	2	97	231	119	.08	1.88	.82	.89	.02	.03			.16
7	800007	14	10	1	16	40	2	2	2		2	1	2	135	174	90	.8	1.96	.77	.63	.02	.04			.1
8	800008	12	3	1	9		2	2	2		4	2	2	117	269	150	.12	1.97	.97	.99	.04	.05			.25
9	800009	15	4	1	12	20	2	2	2		4	1	2	119	449	149	.29	2.3	.86	1.16	.03	.05			.26
10	800010	13	6	1	5		2	2	2		5	2	2	99	491	189	.13	2.19	1.13	1.18	.04	.05			.29
11	800011	15	5	1	19	30	2	2	2		2	3	2	87	377	128	.19	2.8	.93	1.06	.02	.05			.13
12	800012	14	2	1	6		2	2	2		5	2	2	111	360	188	.13	2.52	1.01	1.21	.04	.05			.26
13	800013	14	2	1	18		2	2	2		4	2	2	103	283	134	.11	2.16	.83	.87	.03	.04			.21
14	800014	15	1	1	5	20	2	2	2		4	1	2	96	333	350	.29	3.47	1.18	1.25	.02	.04			.22
15	800015	13	3	1	4		2	2	2		5	2	3	116	424	149	.11	1.98	1.03	.9	.04	.04			.27
16	800016	12	2	1	23		2	2	2		3	2	4	98	213	87	.11	1.53	.73	.59	.02	.04			.16
17	800017	9	4	1	19		2	2	2		3	2	3	83	275	108	.11	1.63	.56	.59	.02	.03			.19
18	800018	13	16	1	4	10	2	2	2		5	1	2	112	437	154	.35	1.88	.81	.76	.03	.04			.27
19	800019	15	2	1	2		2	2	2		6	2	2	118	230	195	.15	2.67	.97	1.16	.03	.04			.25
20	800020	17	1	1	2		2	2	2		5	2	2	97	305	146	.14	5.38	.79	1.31	.01	.06			.26
21	800021	13	1	1	2		2	2	2		5	2	2	108	272	177	.11	3.89	.91	1.15	.02	.05			.27
22	800022	15	12	1	15		2	2	2		4	2	2	95	303	118	.1	2.42	.72	.92	.02	.04			.2
23	800023	19	4	1	14		2	2	2		4	2	2	105	278	156	.11	2.66	.91	1.39	.03	.04			.23
24	800024	14	5	1	9	20	2	2	2		5	1	2	111	280	197	.4	2.62	.92	1.21	.03	.04			.26
25	800025	14	1	1	2		2	2	2		6	2	2	112	234	141	.1	3.45	.9	1.1	.03	.04			.27
26	800026	16	1	1	3		2	2	2		6	2	2	111	179	133	.17	2.56	.78	1.3	.03	.05			.26
27	800027	9	2	1	5		2	2	2		5	1	2	109	165	146	.11	1.95	.93	.75	.04	.04			.24
28	800028	12	1	1	3		2	2	2		5	1	2	118	182	171	.14	2	.99	.92	.04	.04			.23
29	800029	10	17	1	48		2	2	2		2	2	2	67	141	81	.1	1.54	.49	.58	.02	.03			.1
30	800030	10	41	1	86	20	2	2	2		2	2	3	77	242	97	.17	1.85	.76	.81	.02	.03			.11
31	800031	15	32	1	47		2	2	2		2	3	2	75	248	80	.07	2.66	.6	.79	.01	.04			.1
32	800032	8	205	1	38	10	2	2	2		2	1	2	69	176	47	.3	1.29	.54	.42	.01	.02			.08
33	800033	10	16	1	22		2	2	2		2	2	2	64	209	55	.09	1.93	.45	.6	.01	.03			.09
34	800034	10	12	1	16	30	2	2	2		2	1	2	62	138	38	.31	1.59	.35	.53	.01	.02			.08
35	800035	10	5	1	22		2	2	2		2	2	2	64	168	54	.09	1.82	.44	.59	.01	.03			.1
36	800036	13	5	1	16		2	2	2		3	2	2	82	282	93	.08	2.1	.57	.71	.02	.03			.14
37	800037	11	3	1	19		2	2	2		2	2	2	78	245	80	.08	2.09	.54	.69	.02	.03			.12
38	800038	12	7	1	14		2	2	2		2	2	2	75	256	73	.09	2.09	.54	.67	.02	.03			.12
39	800039	7	13	1	5		2	2	2		2	2	2	71	174	98	.08	1.63	.78	.58	.02	.03			.11
40	800040	13	2	1	2		2	2	2		3	2	2	91	239	137	.07	1.91	.95	1.09	.04	.03			.21
41	800041	16	1	1	4		2	2	2		4	2	2	98	242	109	.09	2.52	.74	1.1	.04	.04			.22
42	800042	10	2	1	2		2	2	2		2	1	2	87	243	108	.08	2.41	.59	.73	.04	.03			.23
43	800043	11	1	1	2		2	2	2		3	1	2	85	229	118	.09	2.42	.55	.81	.03	.03			.21
44	800044	13	1	1	2		2	2	2		2	1	2	85	237	121	.09	2.58	.62	1.02	.04	.03			.23
45	800045	14	1	1	2		2	2	2		4	2	2	93	270	94	.07	3.12	.73	.86	.03	.03			.22
46	800046	12	1	1	2		2	2	2		3	1	2	83	245	115	.08	3.39	.6	.89	.03	.03			.23
47	800047	18	1	1	2	30	2	2	2		3	2	2	89	333	158	.1	4.08	1.05	1.4	.02	.05			.22
48	800048	12	9	1	5	5	2	2	2		4	1	2	94	234	118	.13	2.12	.72	.87	.02	.03			.22
49	800049	14	1	1	2		2	2	2		4	2	2	97	297	131	.09	2.36	.74	.91	.03	.03			.22
50	800050	12	1	1	6	50	2	2	2		4	1	2	88	238	123	.18	2.88	.67	.91	.03	.03			.2
51	800051	12	1	1	2		2	2	2		4	2	2	96	304	100	.09	2.73	.56	.71	.02	.02			.18
52	800052	11	1	1	15	20	2	2	2		3	1	2	87	272	87	.19	1.62	.61	.61	.02	.02			.15

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53	800053	8	28	1	9		2	2	2	2	1	2	74	208	74	.14	1.57	.48	.5	.02	.02	.14
54	800054	5	2	1	10	30	2	2	2	2	1	2	55	182	27	.17	1.39	.19	.26	.01	.02	.06
55	800055	6	2	1	8		2	2	2	2	1	2	68	162	42	.1	1.48	.34	.44	.01	.01	.11
56	800056	6	1	1	13	20	2	2	2	2	1	2	62	138	45	.18	1.24	.38	.38	.01	.01	.07
57	800057	6	2	1	4		2	2	2	2	1	2	57	168	54	.07	1.41	.46	.37	.01	.02	.1
58	800058	9	1	1	9	40	2	2	2	2	1	2	65	174	63	.2	1.28	.68	.53	.01	.02	.08
59	800059	10	1	1	8		2	2	2	2	1	2	76	303	109	.09	1.56	.72	.54	.02	.02	.14
60	800060	9	2	1	7		2	2	2	2	1	2	66	220	56	.07	1.94	.34	.49	.01	.02	.1
61	800061	7	37	1	9		2	2	2	2	1	2	71	205	43	.08	1.97	.3	.4	.01	.02	.08
62	800062	7	8	1	17		2	2	2	2	1	2	67	146	43	.1	1.47	.32	.4	.01	.02	.09
63	800063	26	2	1	8		2	2	2	2	2	2	113	325	143	.09	2.54	.86	1.24	.03	.03	.17
64	800064	21	1	1	2		2	2	2	3	2	2	92	262	133	.1	2.86	.77	1.33	.03	.04	.19
65	800065	16	1	1	5		2	2	2	2	2	2	91	188	122	.06	1.88	.97	.96	.03	.02	.14
66	800066	15	1	1	5		2	2	2	4	1	3	96	258	209	.1	2.35	.97	1.2	.05	.03	.24
67	800067	19	1	1	4		2	2	2	3	2	2	113	254	222	.09	3.21	1.04	1.65	.03	.03	.19
68	800068	11	2	1	3		2	2	2	2	2	2	83	233	105	.09	2.25	.65	.71	.03	.02	.15
69	800069	8	3	1	10	20	2	2	2	2	1	2	62	256	52	.2	1.91	.36	.5	.01	.02	.07
70	800070	8	2	1	5		2	2	2	2	1	2	73	263	62	.1	1.82	.35	.47	.01	.02	.13
71	800071	5	2	1	4	10	2	2	2	2	1	2	56	127	65	.17	1.27	.56	.46	.02	.02	.1
72	800072	15	3	1	5		2	2	2	2	3	2	95	275	131	.07	2.77	1.03	.88	.02	.03	.12
73	800073	7	2	1	6	30	2	2	2	2	1	2	69	195	59	.15	1.58	.39	.37	.01	.02	.11
74	800074	12	1	1	2		2	2	2	2	1	2	90	209	129	.09	1.86	.76	.74	.04	.03	.19
75	800075	12	1	1	12	40	2	2	2	3	1	2	100	248	161	.14	2.19	1.05	.91	.03	.03	.13
76	800076	18	4	1	4		2	2	2	5	2	2	99	353	130	.1	3.56	.81	1.11	.02	.04	.16
77	800077	8	1	1	6	5	2	2	2	3	1	2	73	195	89	.18	1.87	.44	.57	.02	.02	.16
78	800078	14	1	1	2		2	2	2	3	1	2	86	324	89	.07	3.93	.5	.63	.02	.03	.18
79	800079	17	3	1	11		2	2	2	2	2	2	122	210	107	.08	2.55	.81	.85	.03	.03	.13
80	800080	15	1	1	4		2	2	2	2	1	2	105	207	135	.08	1.98	.97	.89	.05	.03	.15
81	800081	8	2	1	5	10	2	2	2	2	1	2	89	202	116	.17	1.33	.55	.53	.04	.02	.2
82	800082	14	3	1	3		2	2	2	2	2	2	85	262	116	.11	2.2	.72	.88	.03	.03	.16
83	800083	10	5	1	4		2	2	2	2	2	2	73	229	76	.09	1.81	.5	.54	.02	.03	.12
84	800084	12	3	1	2		2	2	2	2	1	2	79	355	90	.07	2.91	.5	.61	.02	.04	.15
85	800085	14	6	1	9		2	2	2	3	1	2	117	211	103	.08	1.91	.75	.81	.03	.03	.14
86	800086	13	4	1	2		2	2	2	3	1	2	85	337	61	.06	3.58	.39	.55	.02	.03	.14
87	800087	11	1	1	6		2	2	2	2	1	2	92	219	98	.09	1.89	.64	.71	.04	.03	.16
88	800088	7	2	1	6		2	2	2	3	1	2	73	255	114	.08	1.85	.65	.57	.04	.03	.16
89	800089	12	13	1	2		2	2	2	2	2	2	88	243	100	.08	2.01	.69	.65	.03	.03	.14
90	800090	22	6	1	9		2	2	2	2	2	2	137	324	117	.08	2.39	.83	.89	.03	.02	.13
91	800091	19	17	1	6		2	2	2	2	2	2	109	251	134	.08	1.98	.86	.85	.04	.02	.14
92	800092	7	2	1	7		2	2	2	2	1	2	61	225	49	.08	1.63	.39	.39	.02	.02	.09
93	800093	9	2	1	9		2	2	2	2	1	2	68	250	44	.08	1.99	.35	.33	.01	.02	.08
94	801001	8	2	1	2		2	2	2	2	1	2	68	303	79	.1	2.23	.44	.52	.02	.03	.17
95	801002	8	1	1	2		2	2	2	2	1	2	71	361	105	.1	2.28	.51	.52	.02	.03	.19
96	801003	8	2	1	5		2	2	2	2	1	2	73	247	73	.1	1.95	.44	.51	.02	.02	.15
97	801004	17	5	1	7	3	2	2	2	2	3	2	100	375	113	.07	3.02	.93	1.09	.02	.04	.1
98	801005	15	2	1	2		2	2	2	3	2	2	99	185	101	.1	2.19	.67	.98	.04	.03	.2
99	801006	14	4	1	2		2	2	2	3	1	3	93	234	95	.09	2.58	.59	.76	.02	.04	.17
100	801007	17	2	1	9		2	2	2	4	1	3	108	186	161	.1	2.42	.96	1.11	.04	.03	.19
101	801008	16	1	1	5		2	2	2	2	1	2	83	330	164	.05	3.32	1.01	.81	.02	.05	.18
102	801009	15	1	1	3		2	2	2	2	2	2	84	467	79	.06	2.87	.5	.56	.02	.04	.21
103	801010	13	1	1	2	30	2	2	2	2	1	2	95	249	97	.17	2.07	.62	.74	.03	.03	.18

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104	801011	16	1	1	6		2	2	2	4	1	3	94	278	214	.1	3.51	.9	1.49	.04	.03	.21
105	801012	13	1	1	8	40	2	2	2	3	1	2	102	208	166	.2	1.8	.9	1.06	.04	.03	.17
106	801013	11	2	1	20		2	2	2	2	1	2	75	228	51	.08	2.11	.42	.52	.01	.03	.08
107	801014	9	1	1	5	20	2	2	2	2	1	2	78	262	62	.18	2.5	.35	.48	.01	.02	.14
108	801015	10	12	1	9		2	2	2	2	1	2	81	249	77	.12	2.33	.44	.56	.02	.02	.15
109	801016	10	5	1	9	10	2	2	2	2	1	2	79	243	89	.29	1.8	.5	.58	.02	.02	.15
110	801017	12	7	1	13		2	2	2	3	1	2	80	255	92	.15	2.22	.59	.66	.02	.03	.15
111	801018	8	4	1	7		2	2	2	2	1	2	72	231	67	.11	2.03	.38	.5	.01	.02	.13
112	801019	8	1	1	8		2	2	2	3	1	2	64	252	105	.18	2.04	.54	.6	.03	.03	.16
113	801020	10	1	1	11		2	2	2	3	1	2	88	268	87	.11	2.59	.44	.55	.02	.02	.14
114	801021	10	1	1	6		2	2	2	2	1	2	75	247	72	.1	2.06	.38	.5	.02	.02	.12
115	801022	11	4	1	6		2	2	2	2	2	2	79	297	121	.05	2.3	.72	.54	.02	.03	.14
116	801023	10	7	1	5		2	2	2	3	1	2	73	306	115	.1	2.35	.64	.57	.02	.03	.12
117	801024	15	2	1	2		2	2	2	3	1	2	90	313	131	.07	2.54	.76	.87	.04	.04	.19
118	801025	4	8	1	3		4	2	2	2	1	2	185	163	369	.04	.14	4.79	.68	.01	.01	.01
119	801026	16	5	1	2		2	2	2	3	2	2	87	550	114	.06	3.27	.77	.8	.02	.04	.17
120	801027	14	6	1	2		2	2	2	3	1	2	99	183	137	.11	2.32	1	1.24	.05	.03	.22
121	801028	13	2	1	2	40	2	2	2	3	1	2	96	167	112	.2	2.14	.66	.82	.05	.02	.22
122	801029	16	3	1	5		2	2	3	4	1	2	103	284	121	.07	2.66	.94	1.21	.05	.03	.22
123	801030	13	2	1	7	30	2	2	2	2	1	2	86	231	111	.22	1.97	.8	.87	.03	.03	.13
124	801031	14	6	1	9		2	2	2	3	1	2	93	252	177	.06	2.16	1.2	1.19	.04	.04	.15
125	801032	11	1	1	3	20	2	2	2	2	1	2	85	258	124	.21	2.31	.6	.82	.03	.02	.16
126	801033	10	85	1	8		2	2	2	3	1	2	70	238	70	.05	1.83	.44	.47	.01	.03	.09
127	801034	9	2	1	7	30	2	2	2	2	1	2	72	264	80	.18	1.96	.43	.49	.01	.02	.12
128	801035	9	16	1	2		2	2	2	3	1	2	76	232	92	.08	2.16	.56	.58	.02	.02	.14
129	801036	6	3	1	5	10	2	2	2	2	1	2	60	186	51	.17	1.59	.29	.44	.01	.02	.11
130	801037	9	4	1	12		2	2	3	2	1	2	69	279	61	.06	2.66	.44	.46	.01	.03	.08
131	801038	8	1	1	13		2	2	2	2	1	2	74	252	82	.08	2.28	.47	.6	.01	.03	.1
132	801039	12	3	1	8		2	2	2	4	1	2	84	272	101	.12	2.71	.74	.74	.02	.03	.14
133	801040	11	1	1	15		2	2	2	3	1	2	90	261	89	.11	2.55	.48	.59	.01	.02	.1
134	801041	12	1	1	12		2	2	2	2	1	2	88	339	98	.11	2.41	.63	.61	.02	.05	.13
135	801042	11	28	1	5		2	2	2	2	1	2	85	243	99	.1	2.59	.53	.66	.02	.02	.15
136	801043	11	8	1	6		2	2	2	3	1	2	85	212	111	.07	2.18	.69	.76	.03	.04	.13
137	801044	16	10	1	3		2	2	2	2	1	2	77	224	115	.07	2.22	.87	1.2	.04	.02	.14
138	801045	14	1	1	5		2	2	2	3	2	2	86	299	125	.07	2.74	.87	.88	.03	.03	.18
139	801046	17	7	1	3		2	2	2	3	2	2	93	322	153	.06	2.93	.98	1.33	.04	.04	.17
140	801047	16	2	1	2		2	2	2	3	1	2	92	221	124	.06	3.19	.75	1.1	.03	.04	.2
141	801048	14	51	1	5		2	2	2	3	2	2	79	285	185	.04	3.65	1.05	1.23	.03	.03	.16
142	801049	9	12	1	8	20	2	2	2	2	1	2	73	212	71	.16	1.73	.44	.49	.02	.02	.12
143	801050	13	4	1	7		2	2	2	2	1	2	87	281	91	.04	2.65	.56	.73	.02	.03	.11
144	801051	13	1	1	2	40	2	2	2	3	1	2	81	245	154	.12	2.56	.77	.98	.03	.03	.21
145	801052	17	27	1	3		2	2	2	3	2	2	104	254	183	.1	3.65	.9	1.39	.03	.05	.21
146	801053	17	1	1	2	20	2	2	2	4	1	2	96	356	185	.18	4.38	.86	1.35	.02	.03	.19
147	801054	8	1	1	3		2	2	2	3	1	2	74	238	101	.16	2.06	.61	.55	.03	.02	.15
148	801055	9	3	1	10	30	2	2	2	2	1	2	75	215	75	.12	1.95	.42	.57	.01	.02	.11
149	801056	10	8	1	7		2	2	2	3	1	2	79	232	91	.1	2.18	.63	.7	.02	.03	.14
150	801057	9	4	1	9	30	2	2	2	2	1	2	68	230	65	.16	1.83	.43	.47	.01	.02	.08
151	801058	17	1	1	3		2	2	2	3	1	2	78	255	124	.09	3.06	.81	1.3	.02	.03	.17
152	801059	6	4	1	7		2	2	2	2	1	2	54	191	63	.1	2.01	.49	.54	.02	.02	.09
153	801060	9	1	1	4		2	2	2	3	1	2	60	154	87	.08	1.88	.76	.76	.03	.02	.12
154	801061	10	2	1	8		2	2	2	2	1	2	70	294	55	.05	3.24	.43	.51	.01	.02	.1

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155	801062	13	1	1	6	2	2	2	4	1	2	90	173	148	.1	2.13	1.05	1.19	.04	.03	.18
156	801063	18	1	1	6	2	2	2	4	1	2	99	195	173	.12	2.8	1.04	1.67	.04	.03	.19
157	801064	15	1	1	4	2	2	2	4	1	2	83	281	180	.09	4.09	1.09	1.4	.02	.03	.16
158	801065	17	1	1	2	2	2	2	3	1	2	86	226	165	.08	4.8	.65	1.6	.02	.03	.17
159	801067	17	1	1	4	2	2	2	3	1	2	87	194	115	.06	3.39	1.06	1.52	.03	.02	.14
160	801066	13	1	1	2	2	2	2	4	1	2	111	130	184	.11	2.24	1.43	1.3	.05	.03	.18
161	801068	13	1	1	3	20	2	2	2	1	2	75	149	121	.15	2.27	1.24	1.18	.03	.02	.11
162	801069	14	1	1	2	2	2	2	2	1	2	76	133	96	.07	2.37	.84	1.2	.05	.02	.14
163	801070	14	3	1	6	10	2	2	2	1	2	69	372	77	.08	2.94	.46	.51	.01	.02	.11
164	801071	18	1	1	2	2	2	2	3	1	2	72	310	94	.05	4.72	.85	1.09	.02	.04	.15
165	801072	16	2	1	7	20	2	2	2	4	1	99	267	207	.25	2.79	.94	1.28	.04	.03	.23
166	801073	12	1	1	2	2	2	2	4	1	2	92	167	132	.07	2.08	1.06	1.14	.05	.02	.19
167	801074	20	1	1	7	30	2	2	2	3	1	101	250	164	.25	2.65	.97	1.39	.03	.04	.2
168	801075	19	1	1	4	2	2	2	3	1	2	74	231	131	.08	2.57	.9	1.31	.04	.03	.16
169	801076	17	2	1	13	30	2	2	2	2	2	75	250	123	.18	2.46	1.09	1.12	.02	.03	.1
170	801077	10	1	1	9	2	2	2	2	1	2	63	226	62	.07	2.18	.48	.53	.01	.02	.08
171	801078	10	9	1	11	20	2	2	2	2	2	75	311	78	.22	2.54	.53	.61	.01	.03	.08
172	801079	7	4	1	13	2	2	2	2	1	2	58	190	50	.06	1.73	.4	.48	.01	.02	.09
173	801080	6	5	1	9	30	2	2	2	2	1	60	192	44	.18	1.57	.35	.37	.01	.02	.08
174	801081	7	1	1	12	2	2	2	2	1	2	56	173	36	.06	1.85	.36	.44	.01	.02	.07
175	801082	5	1	1	10	2	2	2	2	1	2	50	150	51	.08	1.45	.42	.45	.01	.02	.09
176	802001	14	2	1	18	2	2	2	3	2	2	98	223	120	.05	2.33	1	.99	.03	.04	.13
177	802002	11	3	1	19	2	2	2	2	2	2	77	199	102	.05	2.28	1.21	.95	.02	.03	.1
178	802003	9	17	1	34	2	2	2	2	2	2	65	187	70	.1	1.74	.76	.61	.02	.03	.09
179	802004	12	15	1	48	2	2	2	2	2	2	72	252	70	.06	1.88	.69	.67	.02	.03	.1
180	802005	9	8	1	22	2	2	2	2	2	2	60	223	54	.08	1.79	.69	.62	.02	.02	.08
181	802006	13	5	1	43	2	2	2	2	2	2	73	261	69	.05	2.32	.91	.8	.02	.04	.07
182	802007	8	6	1	20	2	2	2	2	1	2	54	134	41	.12	1.74	.44	.56	.01	.02	.08
183	802008	11	24	1	23	10	2	2	2	2	2	65	243	61	.09	1.66	.63	.51	.01	.03	.08
184	802009	9	9	1	37	2	2	2	2	3	2	57	197	44	.06	2.13	.6	.51	.01	.03	.05
185	802010	10	32	1	39	5	2	2	2	2	2	89	173	60	.09	1.71	.59	.51	.01	.03	.07
186	802011	12	8	1	29	2	2	2	2	2	2	84	243	106	.08	2.43	.83	.92	.02	.03	.09
187	802012	12	11	1	28	5	2	2	2	2	2	106	322	84	.16	1.94	.81	.68	.02	.04	.11
188	802013	6	16	1	16	2	2	2	2	1	2	66	142	59	.13	1.55	.66	.51	.02	.02	.09
189	802014	9	12	1	19	5	2	2	2	3	1	95	212	106	.26	1.65	.8	.59	.02	.03	.14
190	802015	13	4	1	11	2	2	2	3	2	2	91	366	144	.07	3.22	1.02	1.15	.02	.05	.16
191	802016	9	44	1	13	2	2	2	3	1	2	70	231	91	.08	1.99	.79	.81	.02	.03	.14
192	802017	8	4	1	14	2	2	2	2	2	2	70	224	77	.09	1.79	.65	.58	.02	.03	.12
193	802018	9	19	1	22	2	2	2	2	2	2	71	200	57	.08	1.79	.59	.54	.01	.03	.09
194	802019	10	1	1	9	2	2	2	3	2	2	78	353	91	.07	2	.82	.74	.03	.03	.18
195	802020	13	2	1	27	2	2	2	2	2	2	108	247	95	.08	2.76	1.1	.99	.02	.04	.11
196	802021	10	3	1	12	2	2	2	3	1	2	89	284	142	.12	2.28	.99	.94	.03	.03	.17
197	802022	16	2	1	29	2	2	2	2	2	2	89	242	108	.1	2.58	.85	1.02	.02	.04	.14
198	802023	9	3	1	12	2	2	2	2	2	2	99	243	109	.07	2.61	1.12	.93	.02	.03	.1
199	802024	9	25	1	17	2	2	2	2	1	2	72	228	77	.07	1.79	.57	.62	.02	.03	.13
200	802025	10	6	1	16	5	2	2	2	1	2	79	222	69	.17	1.89	.44	.55	.01	.03	.12
201	802026	12	1	1	17	2	2	2	2	2	2	81	356	87	.11	2.18	.51	.71	.02	.03	.16
202	802027	12	9	1	13	10	2	2	2	2	2	71	207	55	.21	2.09	.43	.63	.01	.03	.08
203	802028	16	3	1	17	2	2	2	3	2	2	85	406	124	.07	3.13	.75	1.17	.02	.05	.17
204	802029	17	5	1	16	5	2	2	4	2	2	108	225	163	.17	2.57	1.14	1.45	.03	.03	.21
205	802030	16	1	1	11	2	2	2	4	1	2	94	322	153	.06	2.79	.76	1.14	.02	.04	.21

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206	802031	11	5	1	24	3	2	2	2	2	2	2	2	69	210	64	.06	2.11	.55	.65	.01	.03	.07
207	802032	9	5	1	15	2	2	2	3	1	2	2	2	72	195	76	.13	1.65	.57	.57	.02	.03	.11
208	802033	9	4	1	9	2	2	2	2	2	2	2	2	69	235	75	.06	1.97	.51	.61	.02	.04	.1
209	802034	11	1	1	5	2	2	2	3	1	2	2	2	75	393	165	.05	2.08	1.03	.94	.04	.04	.2
210	802035	10	4	1	9	2	2	2	3	1	3	2	2	75	299	125	.08	1.78	.8	.69	.03	.03	.14
211	802036	11	6	1	15	30	2	2	2	2	2	2	2	75	256	99	.2	2.1	.71	.75	.02	.04	.11
212	802037	11	6	1	20	2	2	2	3	2	2	2	2	72	234	86	.13	2.04	.55	.67	.02	.03	.11
213	802038	11	5	1	18	20	2	2	2	2	2	2	2	75	222	77	.2	1.94	.55	.67	.01	.03	.12
214	802039	9	24	1	21	2	2	2	2	2	2	2	2	64	206	42	.08	1.79	.34	.47	.01	.02	.08
215	802040	11	5	1	17	2	2	2	2	1	2	2	2	77	210	76	.11	1.65	.55	.59	.02	.03	.12
216	802041	9	6	1	11	2	2	2	2	2	2	2	2	90	233	101	.09	1.84	.82	.68	.02	.03	.11
217	802042	15	3	1	16	2	2	3	2	2	2	2	2	86	322	101	.09	2.29	.69	.84	.02	.03	.12
218	802043	17	2	1	15	2	2	2	4	2	2	2	2	109	501	172	.11	2.51	.95	1.08	.04	.06	.22
219	802044	11	6	1	11	10	2	2	2	1	2	2	2	101	163	73	.21	1.54	.61	.53	.02	.03	.12
220	802045	8	6	1	13	2	2	2	2	1	2	2	2	84	171	67	.1	1.37	.5	.47	.02	.02	.12
221	802046	10	2	1	12	5	2	2	2	1	2	2	2	73	189	54	.22	1.77	.4	.57	.01	.02	.13
222	802047	10	3	1	18	2	2	2	3	1	2	2	2	70	173	51	.14	1.99	.38	.7	.01	.02	.14
223	802048	7	85	1	19	2	2	2	2	1	2	2	2	61	146	35	.2	2.01	.24	.57	.01	.02	.08
224	802049	11	7	1	15	2	2	2	2	2	2	2	2	81	219	87	.1	2	.61	.66	.02	.03	.1
225	802050	8	4	1	13	2	2	2	2	1	2	2	2	97	170	73	.08	1.62	.67	.54	.02	.03	.1
226	802051	8	25	1	7	2	2	2	3	1	2	2	2	94	201	97	.14	1.8	.78	.59	.03	.03	.13
227	802052	8	7	1	23	10	2	2	2	1	2	2	2	78	173	69	.22	1.59	.58	.54	.01	.03	.1
228	802053	7	4	1	16	2	2	2	2	1	2	2	2	73	168	64	.11	1.62	.53	.55	.02	.03	.11
229	802054	10	12	1	27	5	2	2	2	1	2	2	2	73	168	48	.24	1.8	.34	.55	.01	.02	.1
230	802055	8	1	1	20	2	2	2	2	1	2	2	2	67	199	49	.08	2.04	.4	.55	.01	.02	.1
231	802056	12	3	1	13	2	2	2	3	2	2	2	2	85	352	127	.09	2.28	.83	.93	.03	.03	.16
232	802057	10	8	1	19	2	2	2	2	1	2	2	2	69	181	58	.08	1.79	.46	.59	.01	.03	.11
233	802058	9	9	1	17	2	2	2	2	1	3	2	2	68	216	67	.05	1.86	.52	.63	.01	.03	.1
234	802059	10	9	1	20	2	2	2	2	1	3	2	2	93	278	95	.09	1.67	.67	.61	.02	.03	.14
235	802060	10	5	1	33	2	2	3	2	2	2	2	2	68	196	63	.09	1.9	.5	.56	.02	.03	.1
236	802061	13	6	1	17	2	2	2	2	2	2	2	2	87	435	145	.09	2.55	.69	.95	.02	.04	.17
237	802062	11	13	1	15	10	2	2	2	2	2	2	2	73	213	62	.14	2.02	.48	.57	.01	.02	.09
238	802063	11	1	1	10	2	2	2	2	1	2	2	2	77	243	72	.07	2.06	.46	.57	.01	.03	.15
239	802064	10	12	1	13	5	2	2	2	1	2	2	2	78	225	66	.13	1.99	.4	.59	.01	.03	.12
240	802065	11	1	1	12	2	2	2	3	1	2	2	2	89	327	95	.06	2.12	.63	.61	.02	.03	.16
241	802066	12	2	1	11	5	2	2	2	1	2	2	2	76	239	68	.14	1.91	.48	.61	.01	.02	.13
242	802067	14	3	1	8	2	2	2	3	1	2	2	2	91	230	93	.12	2.3	.74	.79	.08	.04	.1
243	802068	12	2	1	6	5	2	2	4	1	2	2	2	104	346	143	.15	2.07	.89	.69	.03	.04	.18
244	802069	13	1	1	2	2	2	2	4	1	2	2	2	114	314	152	.1	2.03	1.05	.74	.04	.04	.24
245	802070	15	1	1	6	30	2	2	5	1	2	2	2	108	366	179	.13	2.34	1.22	1.12	.03	.04	.31
246	802071	23	1	1	2	2	2	2	3	1	3	2	2	102	761	116	.1	2.38	1.03	1.75	.04	.04	.24
247	802072	12	1	1	3	2	2	2	4	1	2	2	2	99	310	163	.08	2.92	.87	.98	.03	.04	.29
248	802073	13	1	1	5	2	2	2	4	2	2	2	2	96	323	152	.06	3	.92	.87	.02	.05	.18
249	802074	12	1	1	9	2	2	2	4	1	2	2	2	84	269	113	.09	2.22	.78	.85	.03	.05	.12
250	802075	13	4	1	8	2	2	2	5	2	2	2	2	114	344	186	.11	2.11	.98	.86	.03	.05	.22
251	802076	15	2	1	7	2	2	2	3	1	2	2	2	103	291	145	.09	1.97	.88	.74	.03	.04	.22
252	802077	10	2	1	8	2	2	2	3	2	3	2	2	90	393	125	.1	1.9	.76	.79	.03	.04	.23
253	802078	16	2	1	9	20	2	2	3	1	2	2	2	102	368	135	.15	2.03	.92	.92	.03	.04	.21
254	802079	14	2	1	3	2	2	2	4	2	3	2	2	96	369	144	.12	2.14	.81	.86	.04	.04	.28
255	802080	13	1	1	6	20	2	2	3	1	2	2	2	80	411	129	.11	3.84	.65	.87	.01	.04	.23
256	802081	13	1	1	4	2	2	2	3	2	2	2	2	105	436	192	.06	3.39	1.21	1.05	.02	.06	.29

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257	802082	14	1	1	5		2	2	2	4	1	2	112	327	195	.09	2.26	1.04	1.02	.04	.05	.31
258	802083	14	1	1	3		2	2	2	4	2	3	116	388	166	.08	3.32	1.02	1.01	.02	.05	.26
259	802084	13	2	1	2		2	2	3	4	2	2	99	362	184	.09	2.54	1.01	.97	.02	.05	.28
260	802085	15	1	1	7	40	2	2	2	4	2	2	115	454	210	.16	2.95	1.19	1.25	.03	.05	.29
261	802086	15	2	1	2		2	2	2	2	2	3	86	400	130	.04	2.7	.81	.85	.02	.05	.27
262	802087	15	1	1	2	20	2	2	2	2	2	3	90	484	165	.08	3.33	.95	.95	.01	.07	.27
263	802088	15	2	1	7		2	2	2	2	4	2	89	525	128	.08	2.64	.9	.77	.02	.06	.28
264	802089	17	2	1	3		2	2	2	5	2	3	117	306	173	.07	2.6	.94	1.02	.03	.06	.32
265	802090	16	1	1	6		2	2	2	3	2	3	135	325	119	.07	2.63	.83	1.05	.02	.06	.27
266	802091	16	1	1	6		2	2	3	4	2	3	146	331	178	.09	2.29	1.07	1.14	.03	.06	.26
267	802092	17	1	1	4		2	2	2	3	2	2	153	384	135	.08	3.07	1.07	1.12	.02	.07	.26
268	802093	12	1	1	7	10	2	2	2	3	2	2	124	315	162	.13	2.18	1.01	.93	.03	.05	.24
269	802094	12	1	1	6		2	2	2	3	2	3	103	294	117	.07	2.5	.86	.79	.02	.04	.22
270	802095	10	5	1	13		2	2	2	2	2	2	80	250	63	.05	1.92	.47	.59	.01	.03	.12
271	802096	8	1	1	8		2	2	2	2	2	2	64	295	50	.07	1.77	.48	.41	.01	.04	.1
272	802097	18	46	1	11		2	2	3	3	2	2	121	461	116	.06	2.75	.68	.59	.02	.04	.26
273	802098	8	2	1	2		2	2	2	3	1	2	77	238	131	.07	1.79	.66	.63	.03	.03	.28
274	802099	12	2	1	4		2	2	2	3	1	2	83	291	141	.08	2.1	.75	.78	.03	.03	.25
275	802100	12	6	1	2		2	2	2	4	1	2	101	361	128	.08	2.47	.78	.62	.02	.04	.29
276	802101	12	2	1	4		2	2	2	4	1	2	102	298	132	.07	2.1	.84	.85	.02	.04	.25
277	802102	17	1	1	4	5	2	2	2	5	1	2	110	352	137	.23	3.57	.86	1.08	.02	.05	.27
278	802103	13	2	1	7		2	2	2	3	1	2	96	283	114	.06	2.05	.64	.8	.02	.04	.14
279	802104	13	1	1	4	20	2	2	2	4	1	2	95	340	137	.15	2.68	.76	.74	.02	.04	.26
280	802105	16	1	1	14		2	2	2	4	1	2	217	258	128	.06	1.88	.95	.66	.03	.03	.2
281	802106	8	58	1	15	30	2	2	3	2	2	2	71	219	68	.17	1.72	.5	.49	.01	.03	.12
282	802107	21	5	1	42		2	2	2	2	2	2	105	603	93	.09	2.25	.7	.67	.01	.04	.1
283	802108	11	2	1	8	10	2	2	2	2	2	2	63	246	80	.18	2.1	.67	.7	.02	.03	.1
284	802109	12	1	1	8	30	2	2	2	2	2	2	80	356	90	.1	2.84	.65	.62	.01	.04	.17
285	802110	10	4	1	4		2	2	2	2	2	2	76	268	71	.05	1.74	.58	.44	.01	.04	.13
286	802111	25	2	1	170	90	2	2	2	2	4	2	85	391	84	.06	1.98	1.06	.27	.01	.03	.02
287	802112	10	2	1	7		2	2	2	3	1	3	96	274	123	.06	2.09	.77	.83	.03	.03	.24
288	802113	14	1	1	10	40	2	2	2	2	2	2	84	327	131	.05	2.62	.98	.67	.01	.04	.16
289	802114	13	2	1	12		2	2	2	3	1	2	104	291	100	.07	2.91	.57	.72	.01	.03	.13
290	802115	15	1	1	6	30	2	2	2	3	2	2	100	317	124	.06	2.69	.84	.83	.02	.04	.25
291	802116	14	1	1	2		2	2	2	4	1	3	115	329	199	.07	2.16	1.24	1.01	.03	.06	.31
292	802117	12	1	1	2		2	2	2	2	1	2	108	244	121	.06	2.33	.8	.77	.02	.04	.25
293	802118	14	1	1	3		2	2	2	4	1	3	109	298	134	.11	2.25	.79	.64	.03	.03	.28
294	802119	14	2	1	2		2	2	2	5	1	3	99	417	120	.12	3.69	.69	.83	.02	.04	.31
295	802120	11	1	1	2		2	2	2	5	1	2	103	359	152	.12	2.14	.9	.8	.03	.04	.32
296	802121	14	1	1	10		2	2	2	3	1	2	131	313	72	.09	3.03	.61	.82	.02	.03	.19
297	802122	13	1	1	11		2	2	2	2	1	2	85	511	97	.08	2.91	.82	1.03	.02	.04	.13
298	802123	11	2	1	7	40	2	2	2	2	2	2	91	266	135	.05	1.85	1.02	.84	.02	.03	.16
299	802124	15	1	1	6		2	2	2	3	1	2	102	219	118	.1	2.6	.94	1.09	.02	.04	.22
300	802125	13	1	1	8	20	2	2	2	3	2	2	85	294	77	.07	2.75	.52	.54	.01	.03	.21
301	802126	10	1	1	2		2	2	2	4	1	3	93	262	132	.11	2.15	.71	.81	.04	.04	.31
302	802127	16	1	1	6	10	2	2	2	3	2	2	115	267	134	.12	2.85	.81	.9	.03	.04	.34
303	802128	14	1	1	2		2	2	2	3	1	2	97	227	107	.09	2.16	.67	.7	.02	.03	.27
304	802129	16	1	1	2	30	2	2	2	4	2	2	98	387	113	.08	3.62	.63	.75	.02	.04	.31
305	802130	15	1	1	2		2	2	2	4	2	2	105	343	110	.09	3.6	.59	.84	.02	.04	.3
306	802131	12	5	1	20		2	2	2	2	2	2	104	181	75	.09	1.5	.55	.44	.01	.03	.03
307	802132	13	1	1	2		2	2	2	3	1	2	89	299	91	.09	3.21	.5	.65	.01	.04	.26

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308	802133	12	1	1	2		2	2	2	3	1	2	90	315	101	.09	2.96	.58	.67	.02	.04	.28
309	802134	13	1	1	4		2	2	2	3	1	2	90	247	71	.09	2.66	.4	.6	.02	.03	.23
310	802135	12	3	1	2		2	3	2	3	2	2	97	293	85	.08	2.1	.66	.82	.02	.03	.2
311	802136	12	13	1	9		2	2	2	2	2	2	77	274	91	.09	2.02	.65	.75	.02	.03	.12
312	802137	14	9	1	7		2	2	2	2	2	2	97	321	118	.09	2.15	.99	.72	.02	.03	.17
313	802138	9	10	1	2		2	2	2	2	1	2	82	256	104	.09	1.84	.6	.64	.02	.03	.24
314	802139	9	145	1	11		2	2	2	2	1	2	74	193	53	.09	1.66	.33	.38	.01	.02	.1
315	802140	13	2	1	2		2	2	2	4	1	2	89	353	127	.09	3.05	.78	.7	.02	.04	.29
316	802141	15	2	1	2		2	2	2	4	2	2	103	225	113	.09	2.97	.78	.87	.02	.05	.29
317	802142	17	3	1	2		2	2	2	5	1	2	124	313	144	.09	2.71	.77	.93	.02	.05	.33
318	802143	14	27	1	18	20	2	2	2	4	2	2	136	410	159	.07	1.83	1.04	.77	.03	.03	.23
319	802144	14	2	1	2		2	2	2	3	1	2	104	235	111	.09	2.34	.72	.76	.02	.04	.22
320	802145	12	2	1	5	10	2	2	2	4	2	2	95	350	122	.09	2.45	.67	.73	.02	.03	.22
321	802146	12	2	1	18		2	2	2	4	1	2	140	370	151	.09	2.24	.88	.73	.03	.03	.29
322	802147	15	1	1	24	20	2	2	2	4	2	2	123	342	168	.12	2.16	1.01	.92	.03	.04	.21
323	802148	14	1	1	16		2	2	2	3	1	2	125	427	194	.09	2.29	1.2	1	.03	.04	.25
324	802149	8	11	1	14	30	2	2	2	2	1	2	84	298	131	.05	1.72	.91	.61	.02	.03	.13
325	802150	10	2	1	11		2	2	2	2	1	2	70	271	73	.09	1.8	.62	.6	.01	.03	.1
326	802151	13	13	1	26	40	2	2	2	3	2	2	83	315	101	.06	2.15	.73	.79	.02	.04	.1
327	802152	11	4	1	5		2	2	2	2	2	2	77	477	142	.09	1.93	.95	.88	.03	.04	.18
328	802153	13	1	1	8	30	2	2	2	3	2	2	87	587	164	.08	2.27	.88	.87	.03	.04	.2
329	802154	13	1	1	16		2	2	2	2	1	2	69	169	46	.05	1.09	.39	.26	.01	.03	.01
330	802155	15	1	1	11	20	2	2	2	4	2	2	105	451	143	.06	3.87	.83	1.01	.02	.05	.27
331	802156	15	1	1	2		2	2	2	3	1	2	94	399	123	.09	3.14	.74	.85	.02	.05	.3
332	802157	16	2	1	2		2	2	3	2	2	2	94	571	123	.06	2.69	.9	.76	.02	.05	.23
333	802158	16	5	1	3		2	2	2	2	1	2	94	660	156	.08	2.15	.87	.85	.02	.04	.15
334	802159	14	1	1	7		2	2	2	2	1	2	100	446	146	.08	1.89	.98	.76	.02	.03	.11
335	802160	12	6	1	15		2	2	2	2	1	2	81	374	127	.09	1.73	.76	.66	.02	.03	.11
336	802161	11	8	1	16		2	2	2	2	2	2	80	501	120	.09	1.96	.76	.71	.01	.03	.1
337	802162	13	11	1	18		2	2	2	2	1	2	91	307	98	.09	1.75	.62	.62	.02	.03	.09
338	802163	13	1	1	10	10	2	2	2	3	2	2	84	442	119	.09	2.93	.71	.96	.02	.04	.12
339	802164	11	1	1	6		2	2	2	2	1	2	79	248	110	.04	1.7	.69	.81	.02	.03	.13
340	802165	13	1	1	14	20	2	2	2	2	2	2	73	348	158	.06	2.38	.86	.82	.02	.04	.11
341	802166	13	2	1	2		2	2	2	2	1	2	74	300	169	.08	2.04	.91	.92	.02	.04	.13
342	802167	11	1	1	11	10	2	2	2	2	2	2	65	321	132	.05	1.92	.63	.64	.01	.04	.06
343	802168	16	4	1	2		2	2	2	4	2	3	99	426	139	.08	3.1	.87	1.1	.02	.06	.28
344	802169	17	3	1	3		2	2	3	2	2	2	81	391	113	.09	3.21	.8	.87	.01	.05	.2
345	802170	15	3	1	4		2	2	2	2	1	2	90	421	120	.09	2.81	.9	.92	.02	.06	.23
346	802171	16	2	1	2		2	2	2	3	1	2	119	399	117	.09	2.7	.75	1.07	.02	.05	.25
347	802172	15	2	1	10		2	2	2	3	1	2	151	273	106	.08	1.9	.92	.91	.02	.05	.17
348	802173	12	2	1	3		2	2	2	2	1	2	90	300	96	.09	2.22	.8	.84	.02	.04	.17
349	802174	13	4	1	5		2	2	2	3	1	2	84	283	106	.09	1.83	.83	.78	.02	.04	.14
350	802175	14	2	1	12		2	2	2	2	1	2	116	226	102	.08	1.59	.92	.72	.02	.03	.12
351	802176	8	2	1	8		2	2	2	3	1	2	71	296	95	.06	1.73	.57	.56	.03	.04	.14
352	802177	11	6	1	10		2	2	2	4	2	2	90	291	113	.06	2.01	.83	.8	.03	.04	.13
353	802178	8	2	1	6		2	2	2	3	1	2	59	259	96	.06	1.92	.64	.7	.02	.04	.09
354	802179	11	2	1	13	30	2	2	2	2	2	2	99	314	104	.07	1.94	.59	.7	.02	.03	.14
355	802180	11	3	1	14		2	2	2	3	2	2	87	244	125	.06	2.71	1.21	.99	.03	.05	.08
356	802181	16	1	1	13	20	2	2	2	3	2	2	99	365	115	.08	2.39	.73	.95	.02	.04	.15
357	802182	13	5	1	11		2	2	2	4	2	2	79	344	118	.06	2.13	.7	.82	.02	.04	.14
358	802183	13	3	1	18		2	2	2	2	2	2	86	332	116	.06	1.78	.75	.56	.02	.03	.09

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359	802184	10	2	1	14	2	2	2	4	2	2	76	293	123	.06	2.08	.74	.78	.02	.04	.12	
360	802185	17	4	1	19	2	2	2	2	2	2	100	307	122	.06	2.09	.92	.83	.02	.04	.11	
361	802186	13	2	1	14	2	2	2	3	2	2	121	239	93	.06	1.72	.65	.64	.02	.03	.07	
362	802187	12	2	1	10	60	2	2	2	2	2	83	517	159	.07	2.53	1.14	.75	.02	.04	.08	
363	802188	12	17	1	19	2	2	2	3	2	2	75	343	102	.07	2.41	.8	.79	.02	.04	.09	
364	802189	12	4	1	16	20	2	2	2	2	2	73	367	112	.07	2.33	.79	.76	.02	.04	.09	
365	802190	7	5	1	14	2	2	2	2	2	2	66	222	62	.06	1.54	.46	.5	.01	.02	.12	
366	802191	6	6	1	12	2	2	2	2	1	2	63	191	72	.05	1.55	.56	.49	.01	.02	.08	
367	802192	9	4	1	19	30	2	2	2	2	2	71	261	64	.06	1.94	.47	.58	.01	.03	.1	
368	802193	10	4	1	17	2	2	2	2	2	2	73	251	84	.06	1.97	.68	.65	.02	.03	.1	
369	802194	9	2	1	9	40	2	2	3	3	1	2	76	212	127	.08	2.11	.65	.73	.02	.03	.17
370	802195	13	2	1	6	2	2	2	5	1	2	96	233	148	.05	2.14	.88	.95	.04	.04	.23	
371	802196	14	1	1	6	10	2	2	2	4	1	2	107	296	150	.06	2.31	.75	.88	.03	.04	.26
372	802197	10	1	1	7	2	2	2	2	2	2	2	78	189	71	.06	1.95	.41	.55	.02	.02	.1
373	802198	19	1	1	6	20	2	2	2	4	2	2	111	318	150	.06	2.55	.87	1.07	.03	.04	.23
374	802199	13	1	1	8	2	2	2	4	1	3	92	283	106	.06	1.8	.6	.67	.02	.04	.16	
375	802200	12	1	1	10	2	2	2	4	1	2	96	296	135	.06	2.37	.62	.76	.02	.04	.18	
376	802201	14	1	1	2	2	2	2	5	1	2	98	237	148	.05	2.34	.85	.99	.03	.04	.23	
377	802202	12	1	1	5	2	2	2	5	1	2	94	235	168	.06	2.11	.84	.97	.03	.04	.19	
378	802203	7	1	1	9	2	2	2	4	1	3	94	447	159	.05	1.87	.8	.59	.04	.03	.24	
379	802204	14	1	1	14	2	2	2	4	1	2	118	300	136	.05	1.91	.77	.71	.03	.03	.19	
380	802205	10	3	1	28	2	2	2	3	1	2	126	293	123	.06	1.83	.87	.63	.02	.03	.12	
381	802206	8	3	1	16	2	2	2	3	2	2	79	227	71	.06	2.05	.5	.52	.01	.03	.12	
382	802207	11	1	1	13	30	2	2	2	3	2	2	106	190	64	.06	1.98	.66	.62	.01	.02	.08
383	802208	11	2	1	13	2	2	2	2	2	2	88	247	95	.06	1.99	.64	.67	.02	.03	.12	
384	802209	6	2	1	9	2	2	2	2	2	2	65	243	70	.06	1.64	.6	.45	.01	.02	.13	
385	802210	10	1	1	10	2	2	2	4	2	2	93	328	98	.05	2.12	.73	.75	.03	.03	.18	
386	802211	11	4	1	15	2	2	2	2	2	2	92	368	86	.06	2.09	.65	.67	.02	.03	.11	
387	802212	11	3	1	19	2	2	2	2	2	2	133	233	97	.06	1.84	.91	.62	.02	.03	.1	
388	802213	10	2	1	15	2	2	2	2	2	2	76	266	83	.06	1.81	.7	.61	.02	.03	.09	
389	802214	14	4	1	33	2	2	2	2	2	2	146	482	135	.05	1.77	1.01	.72	.03	.03	.12	
390	802215	12	10	1	19	30	2	2	2	2	2	89	272	111	.09	2.2	.78	.71	.02	.04	.1	
391	802216	10	2	1	22	2	2	2	2	2	2	99	309	93	.06	1.77	.74	.6	.02	.05	.09	
392	802217	14	3	1	25	20	2	2	2	2	2	124	477	175	.08	2.41	1.24	.88	.03	.04	.18	
393	802218	6	3	1	13	2	2	2	3	1	2	74	218	73	.06	1.36	.54	.47	.01	.03	.11	
394	802219	9	4	1	11	10	2	2	2	2	2	102	267	83	.09	1.72	.54	.44	.02	.04	.14	
395	802220	8	3	1	16	2	2	2	2	2	2	87	275	113	.06	1.87	.92	.62	.02	.03	.1	
396	802221	13	2	1	17	30	2	2	2	2	2	85	359	106	.08	2.44	.7	.78	.02	.04	.13	
397	802222	10	2	1	16	2	2	2	3	1	2	79	248	71	.06	1.73	.48	.57	.01	.03	.12	
398	802223	10	2	1	21	20	2	2	2	1	2	79	245	54	.1	1.81	.37	.45	.01	.03	.12	
399	802224	7	11	1	19	2	2	2	2	1	2	68	160	54	.06	1.53	.5	.5	.01	.02	.09	
400	802225	6	19	1	12	2	2	2	2	1	2	63	197	62	.06	1.48	.45	.49	.02	.03	.12	
401	802226	8	4	1	15	2	2	2	2	1	2	69	241	72	.06	1.5	.42	.51	.02	.03	.12	
402	802227	12	15	1	18	2	2	2	2	2	3	118	198	75	.1	1.82	.68	.66	.01	.03	.11	
403	802228	11	17	1	22	2	2	2	2	2	2	74	212	56	.05	1.63	.43	.49	.01	.03	.1	
404	802229	11	4	1	14	2	2	2	2	2	2	71	264	55	.09	1.96	.46	.52	.01	.03	.1	
405	802230	11	5	1	12	2	2	2	2	1	2	73	168	53	.12	1.57	.48	.57	.01	.02	.11	
406	802231	8	2	1	11	2	2	2	2	1	2	66	166	42	.09	1.71	.33	.53	.01	.02	.1	
407	802232	9	12	1	13	10	2	2	2	1	2	76	225	60	.1	1.75	.41	.51	.01	.02	.13	
408	802233	12	2	1	17	2	2	2	2	2	2	77	228	71	.06	1.92	.53	.65	.01	.03	.1	
409	802234	11	11	1	20	20	2	2	2	1	2	80	283	79	.08	1.8	.51	.63	.02	.03	.12	

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410	802235	12	8	1	23		2	2	2	2	2	3	73	227	70	.07	1.98	.58	.63	.01	.03	.09
411	802236	11	3	1	11		2	2	2	2	1	2	76	226	74	.05	1.87	.55	.64	.01	.03	.12
412	802237	10	6	1	14		2	2	2	2	1	2	79	199	65	.1	1.67	.49	.61	.01	.02	.14
413	802238	9	10	1	10		2	2	2	2	1	2	73	180	51	.11	1.64	.41	.56	.01	.02	.12
414	802239	11	7	1	18		2	2	3	2	2	2	77	265	63	.09	2.42	.53	.67	.01	.04	.1
415	802240	12	1	1	15		2	2	2	2	2	2	77	283	60	.07	2.17	.45	.56	.01	.03	.12
416	802241	11	4	1	14		2	2	2	2	2	2	76	219	64	.11	2.03	.46	.64	.01	.03	.1
417	802242	11	13	1	21	60	2	2	2	2	2	2	74	223	65	.09	2.13	.6	.66	.01	.03	.08
418	802243	11	3	1	15		2	2	2	2	1	2	83	246	72	.09	1.85	.57	.63	.01	.03	.15
419	802244	11	8	1	21	40	2	2	2	2	2	2	89	323	105	.08	2.44	.8	.8	.02	.04	.11
420	802245	11	7	1	16		2	2	2	2	2	2	88	226	78	.07	1.85	.67	.65	.01	.03	.11
421	802246	12	9	1	17		2	2	2	2	2	2	78	190	62	.14	1.71	.48	.6	.01	.02	.11
422	802247	9	80	1	17		2	2	2	2	2	2	72	241	78	.06	2.15	.65	.68	.01	.03	.11
423	802248	11	4	1	18		2	2	2	2	2	2	68	218	60	.06	1.81	.69	.54	.01	.04	.07
424	802249	10	5	1	18		2	2	2	2	2	2	76	225	62	.06	2.05	.48	.62	.01	.03	.09
425	802250	16	4	1	25		2	2	2	2	2	2	90	301	79	.1	2.72	.65	.76	.01	.04	.08
426	802251	12	4	1	13		2	2	2	2	2	2	76	255	84	.1	1.91	.66	.66	.01	.03	.12
427	802252	12	2	1	7		2	2	2	3	2	2	93	372	110	.1	2.05	.67	.68	.02	.03	.22
428	802253	13	2	1	14		2	2	2	3	2	2	85	335	106	.11	2.22	.71	.74	.02	.03	.17
429	802254	7	7	1	11		2	2	2	2	1	2	61	200	51	.11	1.58	.39	.47	.01	.02	.1
430	802255	8	11	1	17	20	2	2	2	2	1	2	71	185	50	.11	1.56	.33	.45	.01	.02	.1
431	802256	11	7	1	16		2	2	2	2	2	2	70	207	56	.09	2.04	.42	.6	.01	.03	.08
432	802257	10	2	1	14	30	2	2	2	2	1	2	76	224	64	.11	1.81	.47	.56	.01	.03	.11
433	802258	10	5	1	10		2	2	2	2	2	2	67	222	65	.07	1.74	.61	.58	.01	.02	.09
434	802259	10	6	1	14	40	2	2	2	3	1	2	75	268	79	.12	2.27	.67	.69	.02	.03	.12
435	802260	11	3	1	18		2	2	2	2	1	2	65	195	46	.1	1.46	.6	.53	.01	.03	.06
436	802261	11	2	1	19		2	2	2	2	2	2	72	206	58	.09	1.64	.77	.63	.01	.03	.08
437	802262	8	7	1	16		2	2	2	2	1	2	67	204	55	.12	1.57	.41	.49	.01	.02	.11
438	802263	7	7	1	10		2	2	2	2	2	2	64	185	34	.05	1.59	.29	.36	.01	.02	.07
439	802264	7	18	1	13		2	2	2	2	1	2	63	165	51	.1	1.3	.38	.47	.01	.02	.11
440	802265	9	4	1	13		2	2	2	2	2	2	67	199	63	.1	1.65	.54	.57	.02	.02	.1
441	802266	11	2	1	17		2	2	2	2	2	2	68	201	54	.1	1.71	.48	.58	.01	.02	.09
442	802267	11	47	1	12		2	2	2	2	2	2	77	225	74	.09	1.74	.49	.58	.02	.03	.13
443	802268	11	7	1	11		2	2	2	2	1	2	72	177	65	.11	1.66	.55	.61	.01	.02	.11
444	802269	8	2	1	6	10	2	2	2	3	1	2	80	220	94	.11	1.99	.68	.63	.02	.03	.13
445	802270	8	5	1	10		2	2	2	2	1	2	66	167	53	.1	1.33	.38	.44	.01	.02	.12
446	802271	10	63	1	4	20	2	2	2	3	1	2	89	310	95	.09	1.98	.52	.6	.02	.03	.19
447	802272	9	4	1	11		2	2	2	2	2	2	64	156	44	.09	1.33	.33	.44	.01	.02	.09
448	802273	6	33	1	7	50	2	2	2	2	1	2	65	172	53	.11	1.46	.34	.42	.02	.02	.12
449	802274	7	4	1	11		2	2	2	2	1	2	66	170	50	.09	1.39	.35	.47	.01	.02	.09
450	802275	10	30	1	13	20	2	2	2	2	1	2	78	240	77	.09	1.77	.65	.6	.02	.03	.11
451	802276	12	5	1	17		2	2	2	2	2	2	70	375	88	.08	2.77	.76	.84	.01	.04	.06
452	802277	10	11	1	2		2	2	2	3	1	2	80	244	93	.09	1.3	.64	.53	.02	.02	.15
453	802278	15	3	1	13		2	2	2	3	1	2	85	283	106	.09	2.09	.73	.85	.02	.03	.13
454	802279	9	1	1	4		2	2	2	2	1	2	71	279	68	.07	1.75	.52	.56	.01	.02	.11
455	802280	10	3	1	10		2	2	2	2	1	2	82	265	87	.07	1.7	.56	.61	.02	.03	.15
456	802281	8	4	1	8		2	2	2	2	1	2	71	179	59	.1	1.41	.34	.48	.01	.02	.13
457	802282	9	1	1	15		2	2	2	2	1	2	79	246	62	.09	1.82	.41	.51	.01	.02	.1
458	802283	7	4	1	10		2	2	3	2	1	2	62	214	55	.61	1.6	.41	.42	.02	.03	.11
459	802284	9	1	1	9		2	2	2	2	1	2	71	249	75	.09	1.86	.46	.57	.01	.03	.13
460	802285	10	4	1	10	10	2	2	2	3	1	2	82	222	83	.1	1.89	.53	.61	.02	.03	.14

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461	802286	8	8	1	5		2	2	2	2	1	2	69	254	88	.09	1.72	.53	.57	.01	.03	.15
462	802287	8	3	1	5	20	2	2	2	3	1	2	76	235	79	.11	1.76	.5	.55	.02	.02	.15
463	802288	11	2	1	12		2	2	2	2	1	2	75	243	82	.1	2.05	.65	.66	.02	.03	.11
464	802289	12	6	1	14	40	2	2	2	2	2	2	78	297	96	.11	2.32	.85	.72	.02	.03	.11
465	802290	10	3	1	14		2	2	2	2	1	2	77	239	80	.09	2.06	.62	.66	.01	.03	.11
466	802291	12	11	1	14	30	2	2	2	3	1	2	78	226	71	.13	2.13	.59	.67	.02	.03	.11
467	802292	14	5	1	15		2	2	2	2	1	2	80	260	86	.09	1.94	.72	.65	.01	.03	.11
468	802293	13	1	1	12		2	2	2	2	1	2	71	262	93	.06	1.72	.87	.78	.02	.03	.09
469	802294	12	1	1	14		2	2	2	2	1	3	82	248	71	.1	1.96	.71	.69	.02	.02	.11
470	802295	15	13	1	16		2	2	2	2	2	2	97	353	81	.06	2.15	.92	.6	.02	.02	.1
471	802296	10	1	1	13		2	2	2	2	2	2	66	269	97	.07	1.97	1.07	.7	.02	.03	.07
472	802297	9	1	1	13		2	2	2	2	1	2	70	224	50	.08	1.81	.56	.48	.01	.02	.08
473	802298	9	1	1	11		2	2	2	2	1	2	69	248	57	.07	1.64	.47	.54	.01	.02	.09
474	802299	8	1	1	14		2	2	2	2	1	2	67	186	50	.1	1.81	.3	.52	.01	.02	.08
475	802300	9	5	1	13		2	2	2	2	1	2	75	270	61	.11	2.04	.36	.55	.01	.02	.11
476	802301	7	6	1	13	20	2	2	2	2	1	2	64	186	58	.13	1.53	.41	.49	.01	.02	.11
477	802302	7	1	1	11		2	2	2	2	1	2	61	158	47	.09	1.42	.32	.44	.01	.02	.09
478	802303	9	8	1	10	40	2	2	2	2	1	2	70	229	59	.09	1.98	.52	.56	.01	.02	.09
479	802304	8	4	1	12		2	2	2	2	1	2	70	237	45	.07	1.63	.48	.49	.01	.02	.08
480	802305	13	5	1	13	50	2	2	2	2	2	2	83	460	83	.08	2.65	.88	.68	.02	.04	.1
481	802306	10	1	1	11		2	2	2	2	1	2	81	259	62	.09	1.7	.44	.55	.01	.02	.12
482	802307	12	9	1	16	40	2	2	2	3	1	2	84	234	64	.09	1.97	.53	.56	.02	.03	.13
483	802308	12	13	1	19		2	2	2	2	2	2	71	265	81	.05	1.69	.92	.64	.01	.03	.07
484	802309	10	1	1	2		2	2	2	3	1	2	82	259	110	.05	1.36	.72	.55	.02	.02	.17
485	802310	12	3	1	12	3	2	2	2	2	1	2	74	350	92	.07	2.05	.84	.74	.02	.04	.1
486	802311	10	1	1	14		2	2	2	2	1	2	80	224	53	.09	1.65	.41	.49	.01	.02	.12
487	802312	11	9	1	12		2	2	2	2	1	2	77	194	56	.07	1.66	.41	.5	.01	.03	.11
488	802313	7	5	1	10		2	2	2	2	1	2	65	188	36	.06	1.32	.34	.38	.01	.02	.09
489	802314	9	4	1	11		2	2	2	2	1	2	69	279	42	.09	1.78	.36	.37	.01	.03	.11
490	802315	8	3	1	13		2	2	2	2	1	2	69	192	38	.05	1.73	.28	.4	.01	.02	.09
491	802316	10	1	1	11		2	2	3	2	1	2	65	301	53	.06	2.69	.39	.49	.01	.03	.07
492	802317	10	12	1	7	30	2	2	2	3	1	2	77	291	56	.09	2.43	.37	.5	.01	.02	.12
493	802318	8	1	1	7		2	2	2	2	1	2	70	301	71	.06	1.87	.44	.5	.01	.02	.11
494	802319	9	4	1	16		2	2	2	2	1	2	67	273	50	.07	2.08	.34	.52	.01	.02	.08
495	802320	9	1	1	10		2	2	2	2	1	2	65	264	63	.07	1.89	.41	.55	.01	.02	.09
496	802321	7	7	1	11		2	2	2	2	1	2	59	131	30	.12	1.32	.25	.44	.01	.02	.08
497	802322	8	3	1	14		2	2	2	2	1	2	68	234	49	.07	1.58	.35	.49	.01	.02	.09
498	802323	7	3	1	7		2	2	2	2	1	2	63	178	53	.09	1.4	.4	.46	.01	.02	.1
499	802324	8	1	1	6		2	2	2	2	1	2	59	149	37	.08	1.35	.35	.38	.01	.02	.07
500	802325	10	1	1	10		2	2	2	2	1	2	72	257	52	.08	1.93	.51	.46	.01	.02	.08
501	802326	9	2	1	12		2	2	2	2	1	2	77	232	58	.06	1.64	.52	.52	.01	.02	.09
502	802327	11	2	1	19		2	2	2	2	1	2	71	177	62	.09	1.65	.64	.62	.01	.02	.08
503	802328	9	2	1	3		2	2	2	3	1	2	80	161	80	.09	1.19	.65	.52	.02	.03	.16
504	802329	9	1	1	6		2	2	2	3	1	2	87	185	91	.08	1.24	.72	.52	.02	.02	.17
505	802330	10	13	1	5	30	2	2	2	4	1	3	84	306	113	.08	1.62	.78	.58	.03	.02	.17
506	802331	10	1	1	6		2	2	2	3	1	2	80	290	122	.08	1.6	.78	.61	.02	.02	.15
507	802332	8	3	1	6	20	2	2	2	3	1	2	71	249	61	.12	1.73	.46	.44	.01	.03	.13
508	802333	10	1	1	12		2	2	2	2	1	2	71	265	71	.1	2.01	.66	.54	.01	.02	.09
509	802334	9	65	1	8	30	2	2	2	2	1	2	73	247	47	.05	1.86	.39	.45	.01	.02	.1
510	802335	10	9	1	10		2	2	2	2	1	2	75	190	50	.1	1.39	.4	.45	.01	.02	.1
511	802336	11	1	1	7	20	2	2	2	3	1	3	85	285	76	.11	1.85	.52	.58	.02	.03	.17

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512	802337	9	6	1	6		2	2	2	2	1	2	69	234	51	.09	1.79	.37	.47	.01	.02	.11
513	802338	8	19	1	14		2	2	2	2	1	2	61	157	44	.09	1.63	.4	.43	.01	.02	.07
514	802339	8	15	1	9	30	2	2	2	2	1	2	73	168	41	.09	1.48	.34	.35	.01	.02	.1
515	802340	6	1	1	12		2	2	2	2	1	2	57	126	35	.11	1.3	.29	.42	.01	.02	.07
516	802341	8	1	1	10	10	2	2	2	2	1	2	70	225	47	.09	1.75	.38	.41	.01	.02	.09
517	802342	7	1	1	17		2	2	2	2	1	2	64	154	45	.11	1.39	.38	.42	.01	.02	.09
518	802343	7	1	1	14		2	2	2	2	1	2	65	189	43	.09	1.64	.49	.46	.01	.02	.07
519	802344	8	3	1	16		2	2	2	2	1	2	61	184	48	.1	1.53	.52	.48	.01	.02	.06
520	802345	8	3	1	18		2	2	2	2	1	2	67	190	44	.09	1.72	.45	.47	.01	.02	.07
521	802346	8	1	1	13		2	2	2	2	1	2	65	131	32	.09	1.51	.27	.41	.01	.01	.07
522	802347	7	12	1	10	30	2	2	2	2	1	2	57	166	32	.08	1.82	.3	.39	.01	.02	.07
523	802348	7	3	1	13		2	2	2	2	1	2	66	185	41	.09	1.51	.31	.46	.01	.02	.08
524	802349	9	4	1	17		2	2	2	2	1	3	73	173	31	.09	2	.24	.45	.01	.02	.07
525	802350	7	18	1	13	20	2	2	2	2	1	2	67	181	42	.08	1.48	.32	.36	.01	.02	.09
526	802351	11	1	1	13		2	2	2	2	1	2	95	151	44	.06	1.77	.41	.55	.01	.02	.09
527	802352	10	3	1	17	60	2	2	2	2	1	2	69	211	56	.11	1.59	.51	.55	.02	.03	.08
528	802353	13	14	1	26		2	2	2	2	2	2	74	241	85	.12	1.81	1.35	.84	.01	.03	.07
529	802354	9	1	1	9		2	2	2	2	1	2	85	141	59	.08	1.54	.57	.58	.01	.02	.08
530	802355	8	1	1	10		2	2	2	2	1	2	66	239	49	.09	1.75	.34	.49	.01	.02	.08
531	802356	10	2	1	12		2	2	2	2	1	2	74	192	51	.12	1.68	.35	.52	.01	.02	.1
532	802357	8	1	1	16		2	2	2	2	1	2	65	134	35	.09	1.47	.29	.47	.01	.02	.07
533	802358	7	2	1	7		2	2	2	2	1	2	61	142	39	.09	1.35	.33	.43	.01	.02	.08
534	802359	8	1	1	15		2	2	2	2	1	2	69	148	25	.08	1.76	.2	.41	.01	.02	.07
535	802360	5	4	1	3	10	2	2	2	2	1	2	51	157	42	.1	1.31	.32	.39	.01	.01	.11
536	802361	9	2	1	9		2	2	2	2	1	2	72	172	51	.1	1.61	.4	.48	.01	.02	.09
537	802362	7	8	1	6	30	2	2	2	2	1	2	61	201	47	.1	1.73	.32	.41	.01	.02	.1
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125	801032	.16	11	13	49	1900E	4600N
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213 802038 .12	11	13	30	0900E 6800N
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333	802158	.12	13	9	39	1700E	6300N
334	802159	.13	12	8	32	1600E	6300N
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337	802162	.11	13	7	35	1300E	6300N
338	802163	.19	8	13	45	1300E	6400N
339	802164	.12	10	8	33	1400E	6400N
340	802165	.11	16	17	36	1500E	6400N
341	802166	.11	12	11	34	1600E	6400N
342	802167	.07	10	18	34	1700E	6400N
343	802168	.34	15	6	33	1800E	6400N
344	802169	.32	11	7	34	1800E	6500N
345	802170	.3	9	6	30	1700E	6500N
346	802171	.21	14	7	40	1600E	6500N
347	802172	.2	13	8	42	1500E	6500N
348	802173	.18	12	8	40	1400E	6500N
349	802174	.14	18	5	41	1300E	6505N
350	802175	.18	15	8	34	1200E	6500N
351	802176	.1	13	7	40	1100E	6500N
352	802177	.13	14	8	41	1000E	6500N
353	802178	.11	12	7	40	0930E	6500N
354	802179	.1	13	13	37	0900E	6400N
355	802180	.14	13	9	40	1005E	6400N
356	802181	.12	13	14	42	1100E	6400N
357	802182	.18	12	9	37	1200E	6400N
358	802183	.09	13	8	33	1200E	6300N
359	802184	.13	13	8	35	1100E	6300N
360	802185	.14	14	9	37	1000E	6300N
361	802186	.14	11	7	35	0900E	6295N
362	802187	.13	15	15	38	0902E	6200N
363	802188	.13	15	8	37	1012E	6190N
364	802189	.09	10	15	35	1100E	6200N
365	802190	.08	11	7	30	1200E	6200N
366	802191	.04	8	6	25	1300E	5300N
367	802192	.06	10	13	29	1300E	5200N
368	802193	.12	12	7	34	1400E	5200N
369	802194	.05	10	13	37	1500E	5200N
370	802195	.14	12	8	42	1600E	5200N
371	802196	.15	12	12	44	1700E	5200N
372	802197	.11	11	6	40	1800E	5200N

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373	802198	.34	15	14	49	1900E	5200N
374	802199	.1	12	6	42	2000E	5300N
375	802200	.33	11	7	41	1900E	5300N
376	802201	.2	13	7	44	1800E	5300N
377	802202	.1	12	8	40	1700E	5300N
378	802203	.13	12	8	46	1600E	5305N
379	802204	.14	13	7	38	1500E	5310N
380	802205	.11	13	6	36	1400E	5300N
381	802206	.2	7	8	31	0600E	5400N
382	802207	.18	8	13	31	0500E	5400N
383	802208	.07	9	7	31	0600E	5500N
384	802209	.07	18	7	30	0800E	5500N
385	802210	.12	13	7	38	0900E	5500N
386	802211	.11	10	7	32	1000E	5500N
387	802212	.12	11	8	35	1100E	5500N
388	802213	.1	10	7	30	1200E	5500N
389	802214	.13	9	8	31	1200E	5400N
390	802215	.08	14	14	34	1100E	5400N
391	802216	.13	10	8	30	1000E	5395N
392	802217	.14	16	15	43	0900E	5400N
393	802218	.09	10	7	24	0800E	5400N
394	802219	.06	11	13	31	0700E	5400N
395	802220	.12	11	8	29	0700E	5500N
396	802221	.08	15	15	40	0900E	6000N
397	802222	.1	10	7	35	1000E	6000N
398	802223	.06	8	14	32	1100E	6000N
399	802224	.08	9	6	27	1205E	6000N
400	802225	.07	9	7	30	1200E	6100N
401	802226	.1	10	7	34	1100E	6000N
402	802227	.15	13	8	32	0900E	5900N
403	802228	.13	9	6	26	1000E	5900N
404	802229	.2	10	7	29	1100E	5900N
405	802230	.11	12	7	24	1200E	5900N
406	802231	.09	9	7	27	1200E	5800N
407	802232	.09	13	12	30	1105E	5800N
408	802233	.12	11	7	31	1000E	5800N
409	802234	.1	12	15	34	0900E	5800N
410	802235	.11	11	8	31	0800E	5800N
411	802236	.11	12	7	32	0800E	5700N
412	802237	.09	11	8	28	0900E	5700N
413	802238	.11	9	8	29	1000E	5700N
414	802239	.1	13	8	33	1100E	5700N
415	802240	.08	13	7	30	1200E	5700N
416	802241	.09	16	7	32	1200E	5600N
417	802242	.1	12	14	31	1100E	5600N
418	802243	.14	13	7	30	1000E	5600N
419	802244	.12	13	13	35	0900E	5600N
420	802245	.15	13	7	29	0800E	5600N
421	802246	.11	11	7	29	0700E	5300N
422	802247	.13	12	7	32	0600E	5300N
423	802248	.14	10	10	27	0525E	5300N

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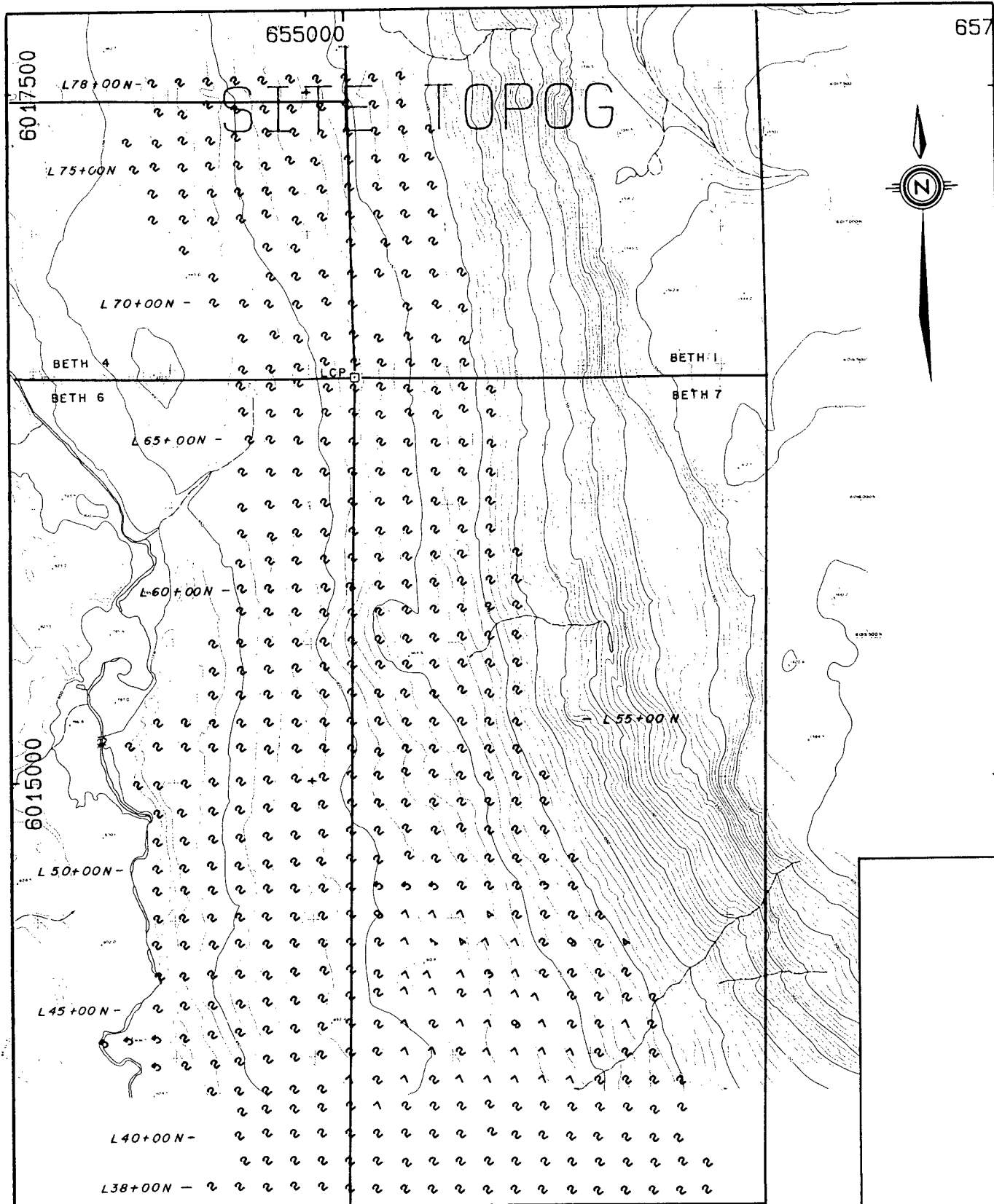
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425	802250	.11	15	7	35	0900E	5300N
426	802251	.11	12	8	29	1000E	5300N
427	802252	.14	15	7	36	1100E	5300N
428	802253	.13	13	8	36	1200E	5300N
429	802254	.1	9	7	24	1200E	5200N
430	802255	.07	8	11	24	1100E	5200N
431	802256	.09	14	8	26	1000E	5200N
432	802257	.07	12	12	28	0900E	5200N
433	802258	.1	11	7	28	0800E	5200N
434	802259	.12	13	15	32	0690E	5200N
435	802260	.11	11	9	24	0600E	5200N
436	802261	.14	10	8	26	0600E	5100N
437	802262	.08	11	7	26	0700E	5100N
438	802263	.18	6	6	24	0800E	5100N
439	802264	.08	9	7	25	0900E	5100N
440	802265	.12	10	8	24	1000E	5100N
441	802266	.09	11	7	26	1100E	5100N
442	802267	.09	14	7	28	1200E	5100N
443	802268	.13	11	7	26	1300E	5100N
444	802269	.09	8	16	35	1300E	5000N
445	802270	.11	10	7	24	1200E	5000N
446	802271	.12	9	14	37	1100E	5000N
447	802272	.07	9	7	23	1000E	5000N
448	802273	.05	7	14	25	0900E	5000N
449	802274	.06	8	7	24	0800E	5003N
450	802275	.16	10	16	31	0700E	5000N
451	802276	.16	19	2	36	0600E	5000N
452	802277	.18	14	6	32	0600E	4900N
453	802278	.15	16	2	36	0700E	4900N
454	802279	.08	11	4	33	0800E	4900N
455	802280	.12	12	3	35	0900E	4900N
456	802281	.07	8	6	30	1000E	4900N
457	802282	.16	8	3	29	1100E	4900N
458	802283	.13	8	8	29	1200E	4900N
459	802284	.12	11	6	34	1300E	4900N
460	802285	.12	10	14	33	1300E	4800N
461	802286	.13	12	7	36	1200E	4800N
462	802287	.14	9	15	31	1100E	4800N
463	802288	.1	10	3	31	1000E	4800N
464	802289	.12	8	14	30	0900E	4800N
465	802290	.11	11	2	32	0800E	4800N
466	802291	.12	9	14	33	0700E	4800N
467	802292	.14	15	3	31	0600E	4800N
468	802293	.16	12	7	27	0600E	4700N
469	802294	.1	12	2	31	0700E	4700N
470	802295	.12	9	2	35	0805E	4700N
471	802296	.1	13	6	31	0900E	4702N
472	802297	.05	7	5	27	1000E	4702N
473	802298	.09	13	6	30	1100E	4700N
474	802299	.11	6	7	28	1200E	4700N

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475 802300 .12 8	5	30	1300E 4700N
476 802301 .11 8	13	25	1300E 4600N
477 802302 .09 8	8	23	1205E 4600N
478 802303 .06 9	15	27	1100E 4600N
479 802304 .07 9	6	28	1000E 4595N
480 802305 .1 16	16	38	0900E 4600N
481 802306 .09 9	6	31	0800E 4600N
482 802307 .08 9	15	32	0700E 4600N
483 802308 .13 13	7	28	0600E 4600N
484 802309 .18 17	8	31	0602E 4500N
485 802310 .15 13	8	34	0700E 4502N
486 802311 .08 9	6	31	0800E 4500N
487 802312 .09 8	7	32	0900E 4500N
488 802313 .09 7	9	22	1000E 4500N
489 802314 .14 7	7	25	1100E 4500N
490 802315 .18 6	8	24	1200E 4500N
491 802316 .37 8	8	29	1300E 4500N
492 802317 .21 8	15	36	1300E 4400N
493 802318 .14 12	8	31	1400E 4500N
494 802319 .17 8	8	30	1400E 4400N
495 802320 .13 10	7	27	1400E 4300N
496 802321 .06 7	6	20	1300E 4300N
497 802322 .11 9	6	26	1200E 4300N
498 802323 .1 10	6	27	1100E 4300N
499 802324 .09 11	6	22	1002E 4300N
500 802325 .05 13	7	30	0900E 4300N
501 802326 .13 11	7	28	0810E 4300N
502 802327 .12 10	7	29	0705E 4300N
503 802328 .19 17	7	25	0600E 4305N
504 802329 .18 17	7	31	0405E 4400N
505 802330 .17 14	14	41	0500E 4400N
506 802331 .18 16	6	31	0600E 4400N
507 802332 .13 9	13	26	0700E 4398N
508 802333 .09 11	7	30	0800E 4400N
509 802334 .15 5	14	35	0900E 4400N
510 802335 .11 9	7	30	1000E 4400N
511 802336 .09 7	14	42	1100E 4400N
512 802337 .18 8	7	29	1200E 4400N
513 802338 .06 6	7	25	1200E 4200N
514 802339 .06 6	13	28	1100E 4200N
515 802340 .09 6	6	20	1000E 4200N
516 802341 .15 5	14	28	0900E 4200N
517 802342 .11 8	6	24	0800E 4200N
518 802343 .06 8	6	24	0910E 4100N
519 802344 .08 5	6	23	1000E 4103N
520 802345 .05 6	7	24	1100E 4100N
521 802346 .1 4	6	23	1200E 4100N
522 802347 .17 4	12	24	1300E 4000N
523 802348 .09 8	2	30	1400E 4000N
524 802349 .18 7	3	29	1200E 4000N
525 802350 .13 4	13	28	1100E 4000N

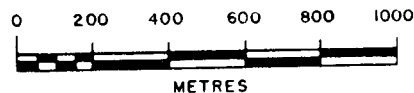
Page 11 of Part 3

526	802351	.14	8	2	28	1000E	4000N
527	802352	.11	8	15	27	0900E	3990N
528	802353	.15	10	4	29	0925E	3900N
529	802354	.14	8	2	29	1000E	3900N
530	802355	.11	7	2	25	1100E	3900N
531	802356	.08	7	2	31	1200E	3900N
532	802357	.1	5	2	28	1300E	3900N
533	802358	.11	7	2	25	1400E	3800N
534	802359	.19	5	2	26	1500E	3800N
535	802360	.07	6	9	26	1500E	3800N
536	802361	.13	10	2	30	1600E	3800N
537	802362	.07	8	11	28	1700E	3800N
538	802363	.08	8	2	27	1800E	3800N
539	802364	.06	7	11	27	1900E	3800N
540	802365	.18	11	2	42	2000E	3800N
541	802366	.07	14	12	33	2105E	3800N
542	802367	.17	9	2	32	2200E	3800N
543	802368	.1	7	12	42	2300E	3800N
544	802369	.1	13	2	38	2400E	3800N
545	802370	.11	5	13	29	2500E	3800N
546	802371	.09	8	2	29	2600E	3800N

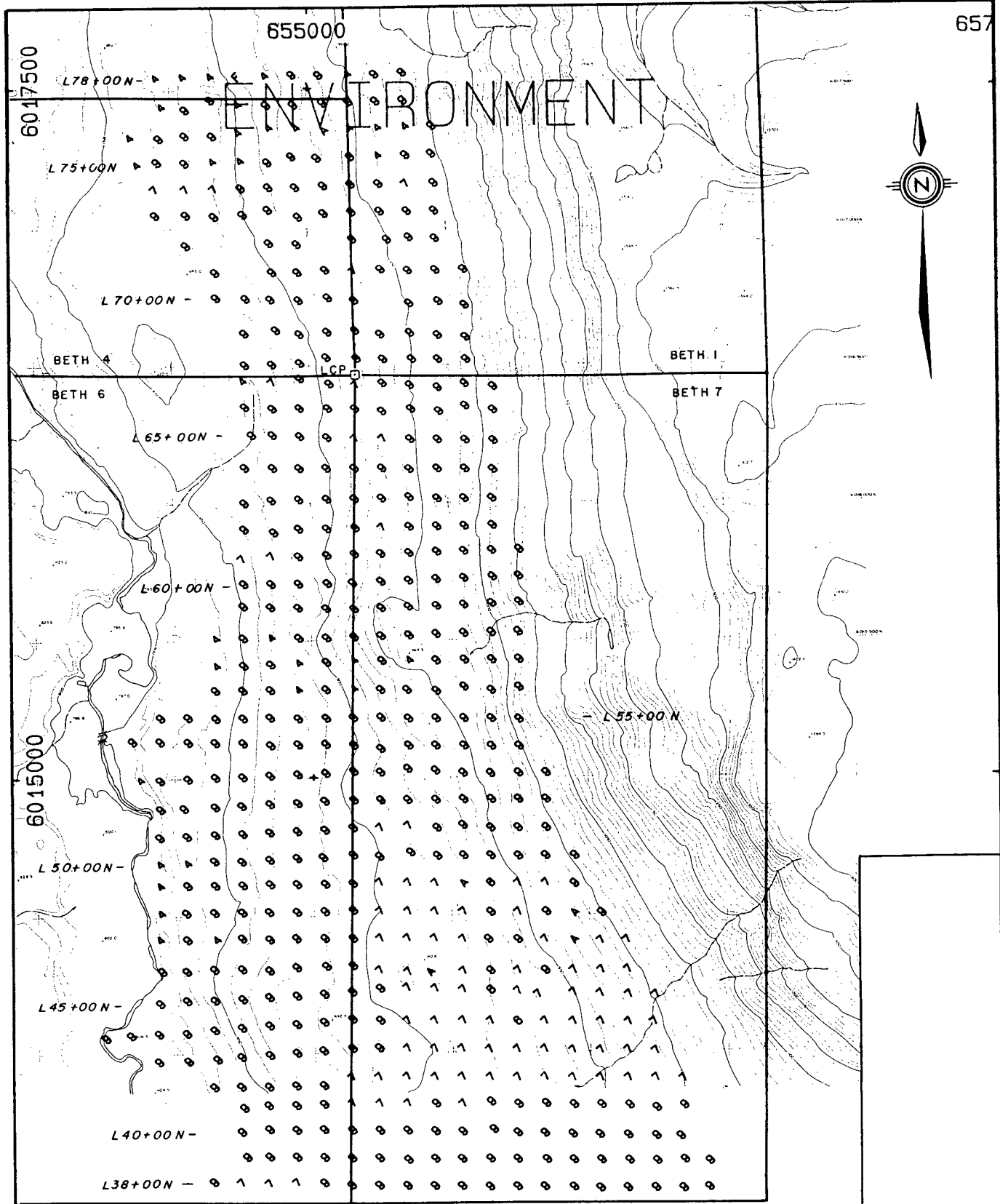


SITE TOPOGRAPHY

1. Hill top
2. Gentle slope
3. Steep slope > 20°
4. Base of slope
5. Valley floor
6. Depression
7. Level
8. Rolling
9. Bog

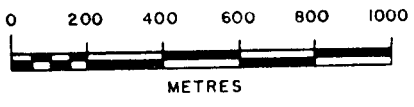


BP/ SELCO			
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY SITE TOPOGRAPHY			
SCALE 1:20,000	NTS 93 L/7	FIG. 2A	
DWG No.	DATE MAY 1984	PROJ. 554	
To accompany report: BPXV 84-3			



SAMPLE ENVIRONMENT

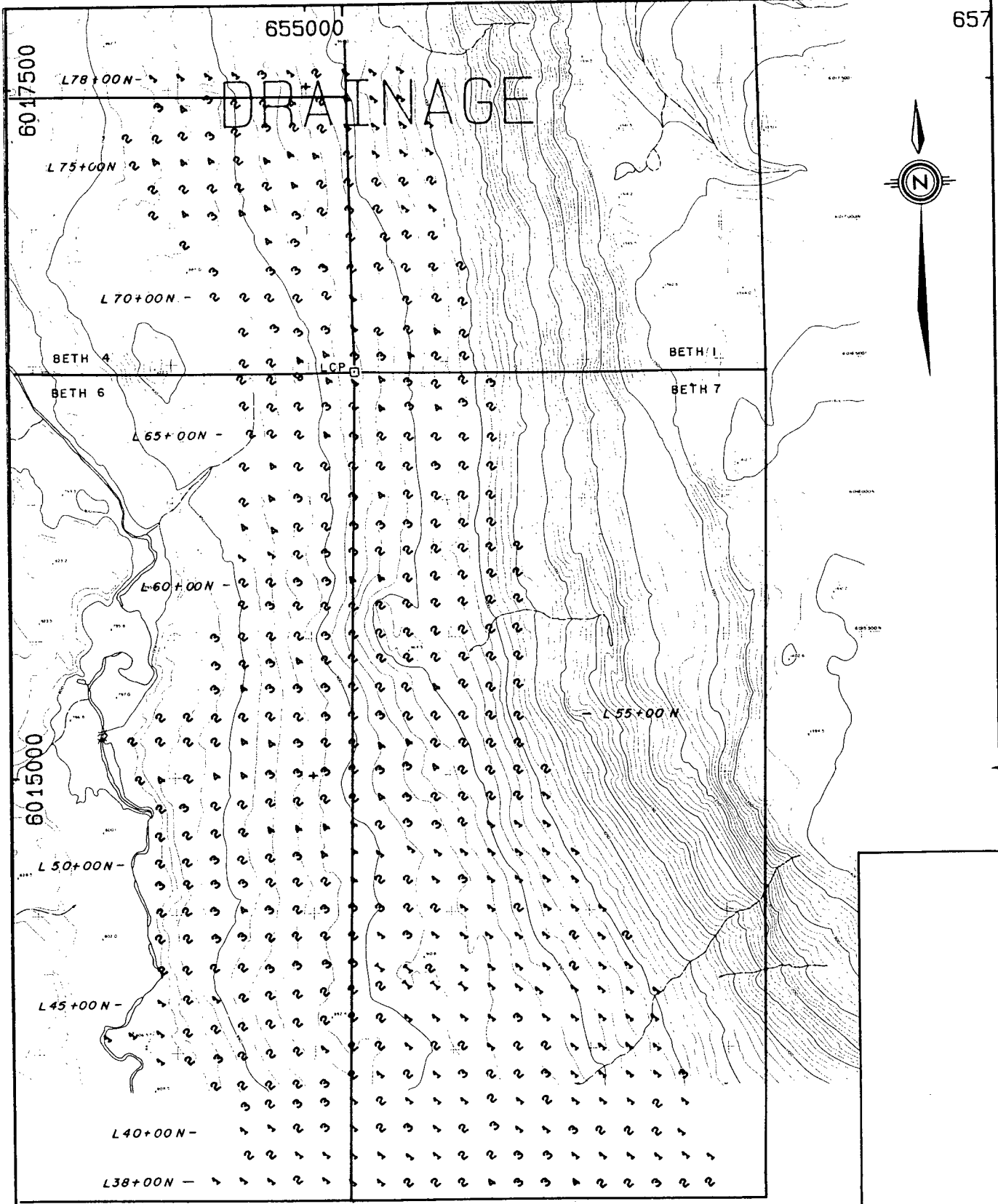
- 1. Tundra-hummocky
- 2. Tundra-dry
- 3. Tundra-swampy
- 4. Grassland, meadows
- 5. Peat mounds
- 6. Bog in depression
- 7. Forest-coniferous
- 8. Forest-deciduous
- 9. Forest-mixed
- A. Alder or willows
- B. Cultivated land
- C. Desert, semi-arid
- D. Barran
- E. Talus fan
- F. Bank soil-stream
- G. Bank soil-lake
- H. Road cut



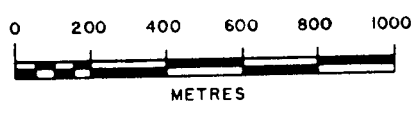
BP/ SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
SAMPLE ENVIRONMENT**

SCALE 1:20,000		NTS 93 L/7		FIG. 2B
DWG No	DATE MAY 1984	PROJ. 554		
To accompany report: BPXV 84-3				



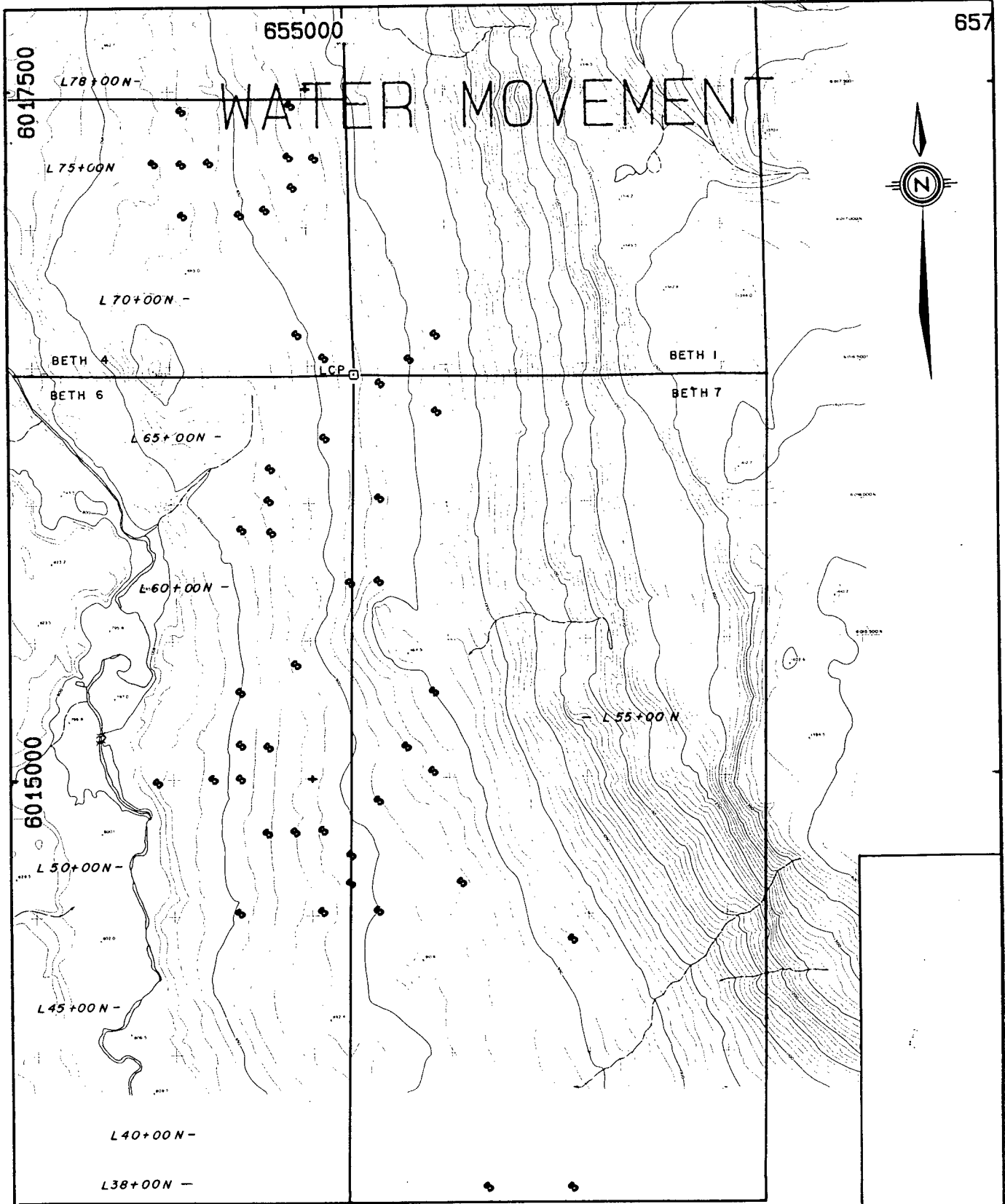
SITE DRAINAGE
 1. Dry
 2. Moist
 3. Wet
 4. Saturated



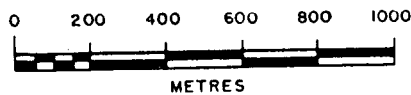
BP/ SELCO

**BETH 1,4,6,7 CLAIMS
 BUCK CREEK PROJECT, B.C.
 SOIL GEOCHEMISTRY
 SITE DRAINAGE**

SCALE 1:20,000	NTS 93 L/7	FIG. 2C
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		

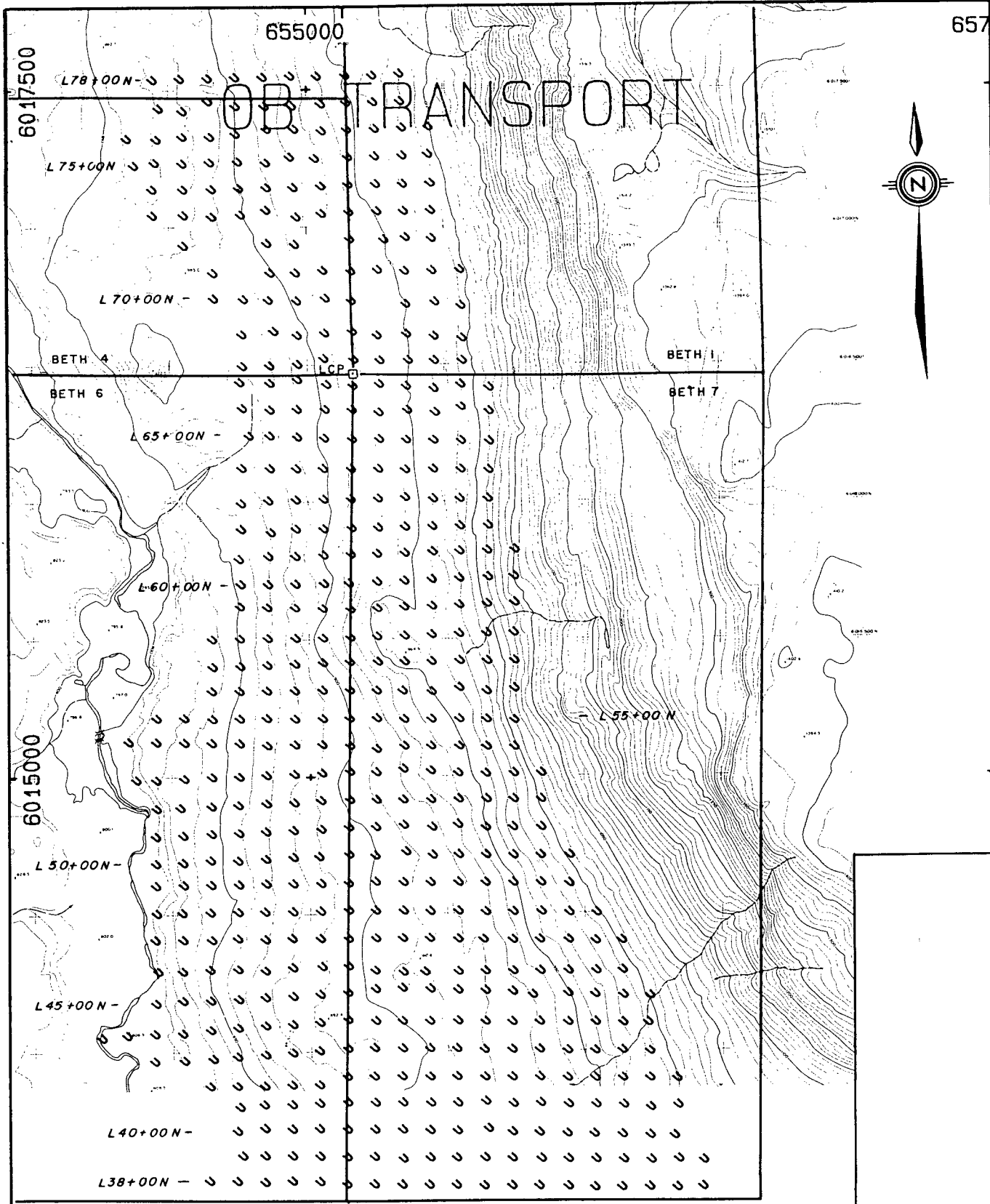


WATER MOVEMENT
S. Seepage



BL13+00E

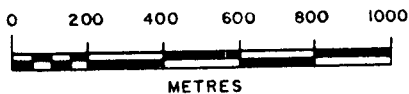
BP/ SELCO			
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY WATER MOVEMENT			
SCALE 1:20,000	DATE MAY 1984	NTS 93 L/7	FIG. 2D
DWG No	PROJ. 554		
To accompany report: BPXV 84-3			



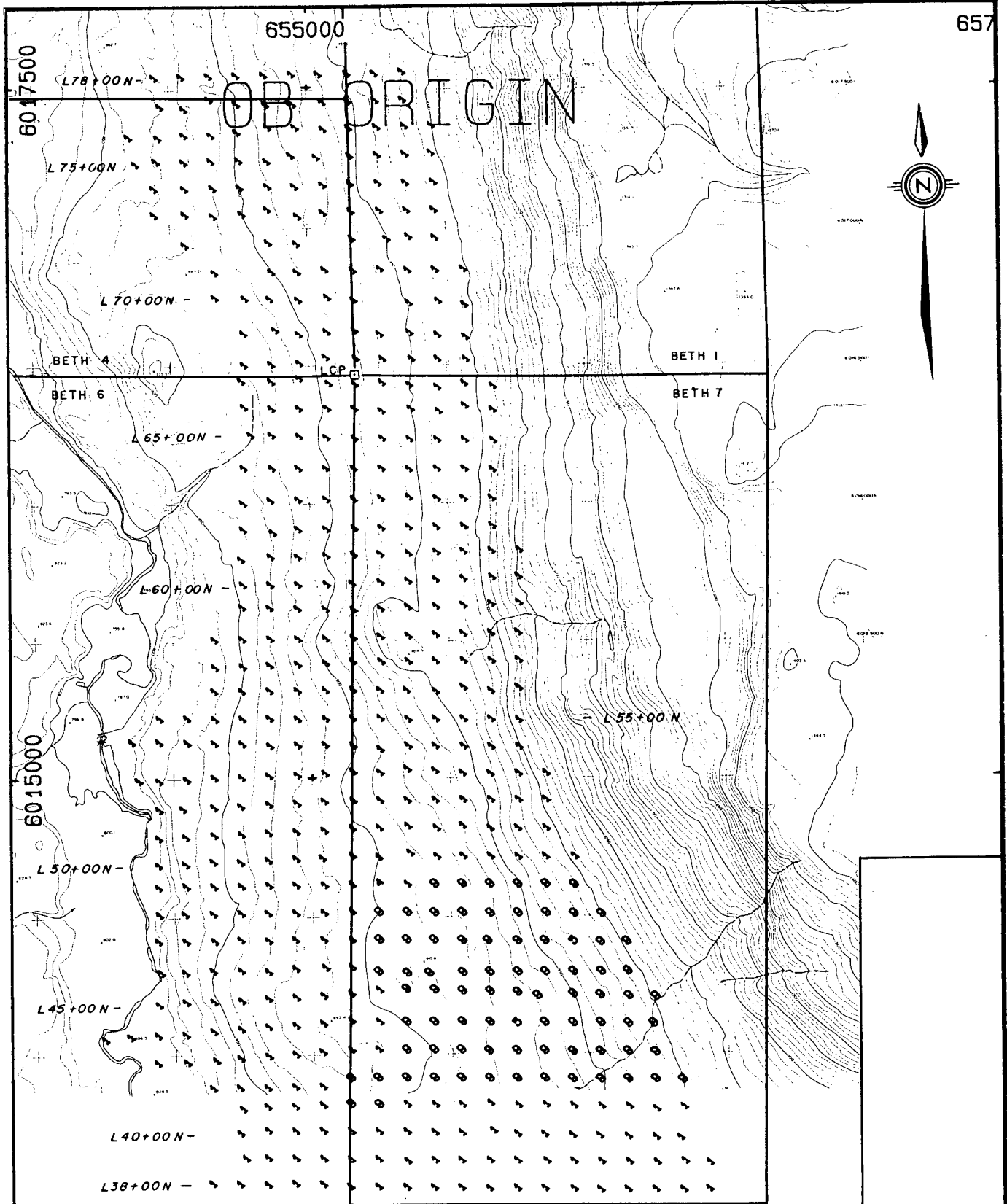
OVERBURDEN TRANSPORT

- L. Local
- E. Extensive
- U. Unknown
- M. Mixed

BL13+00E

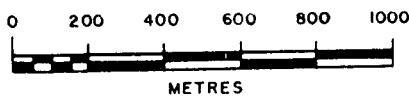


BP/ SELCO		
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY OVERBURDEN TRANSPORT		
SCALE 1:20,000	NTS 93 L/7	FIG. 2E
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BP XV 84-3		



OVERBURDEN ORIGIN

1. Till-angular boulders
2. Outwash-sandy, rounded boulders
3. Lake sediment-sand/silt
4. Alluvium-stream deposit
5. Peat-boq
6. Colluvium
7. Lake sediment-clay
8. Talus
9. Residual
- A. Frost boils*
- B. Seepage boils*
- C. Boulder field*
- D. Gravel*



BL13+00E

BP/ SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
OVERBURDEN ORIGIN**

SCALE 1:20,000

NTS 93 L/7

FIG. 2F

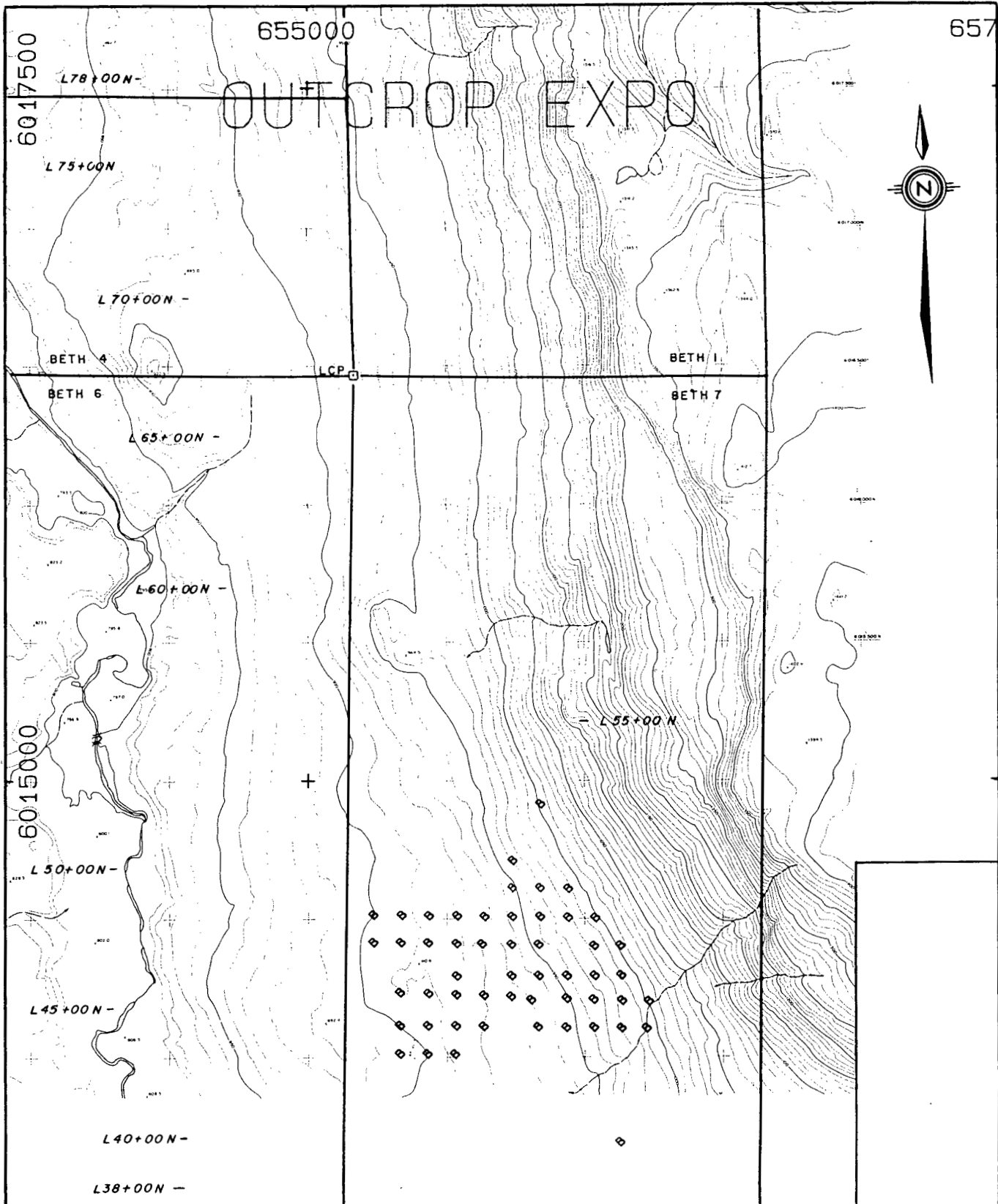
DWG No

DATE MAY 1984

PROJ. 554

To accompany report:

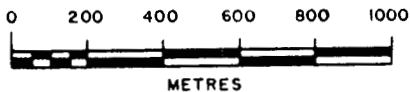
BPXV 84-3



BEDROCK

- M. Mineralized
- P. Present within 100m up-slope
- D. Present within 100m down-slope
- B. Underlies sample site
- G. Gossan
- F. Fe surface stains
- R. Radioactivity

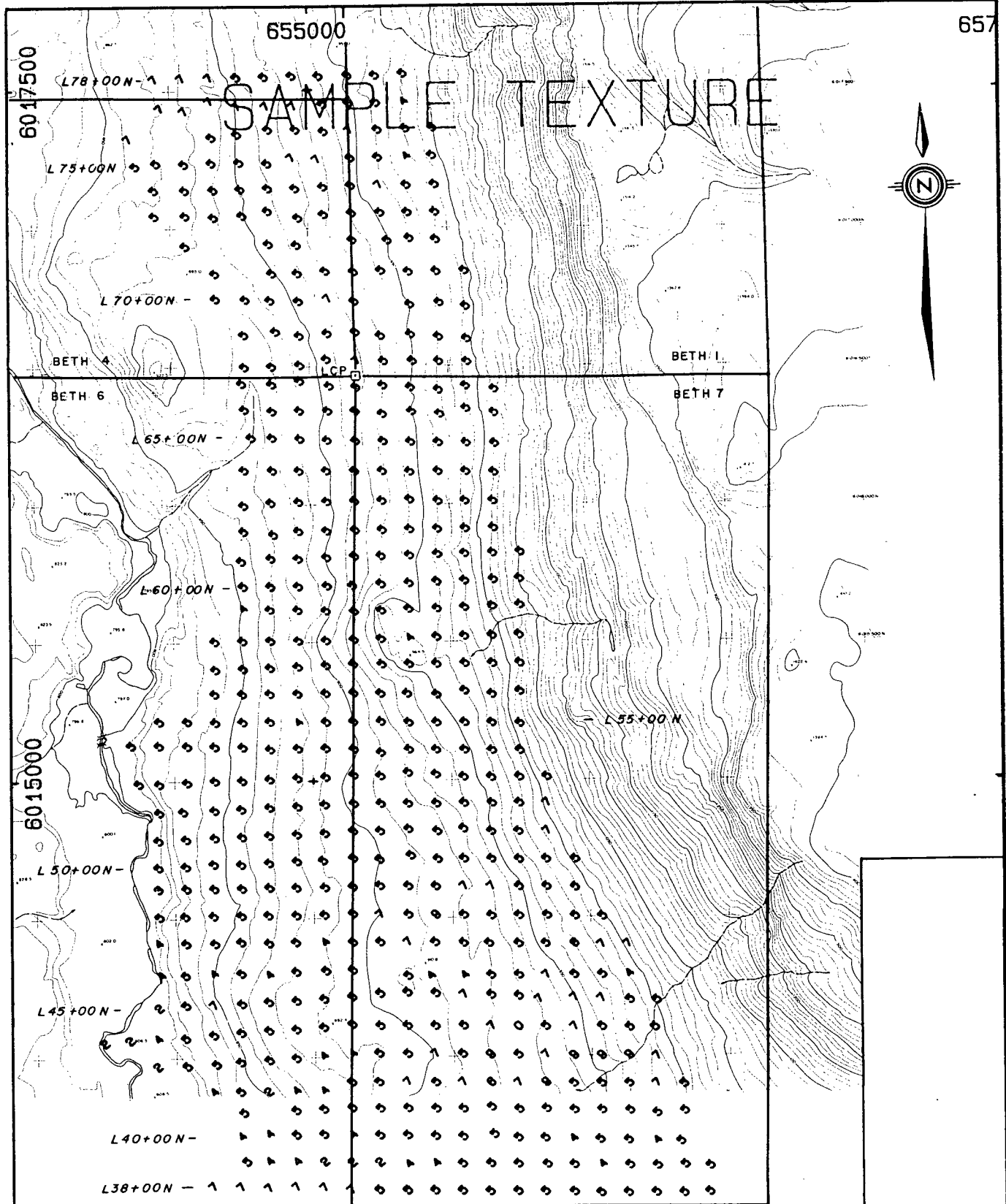
BL13+00 E



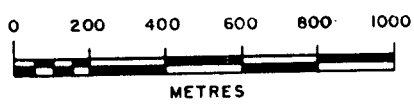
BP / SELCO

BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
OUTCROP EXPOSURE

SCALE 1:20,000	NTS 93 L/7	FIG. 2G
DWG No	DATE MAY 1984	
To accompany report: BPXV 84-3		PROJ. 554



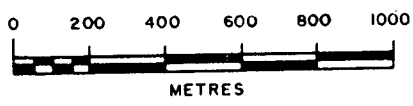
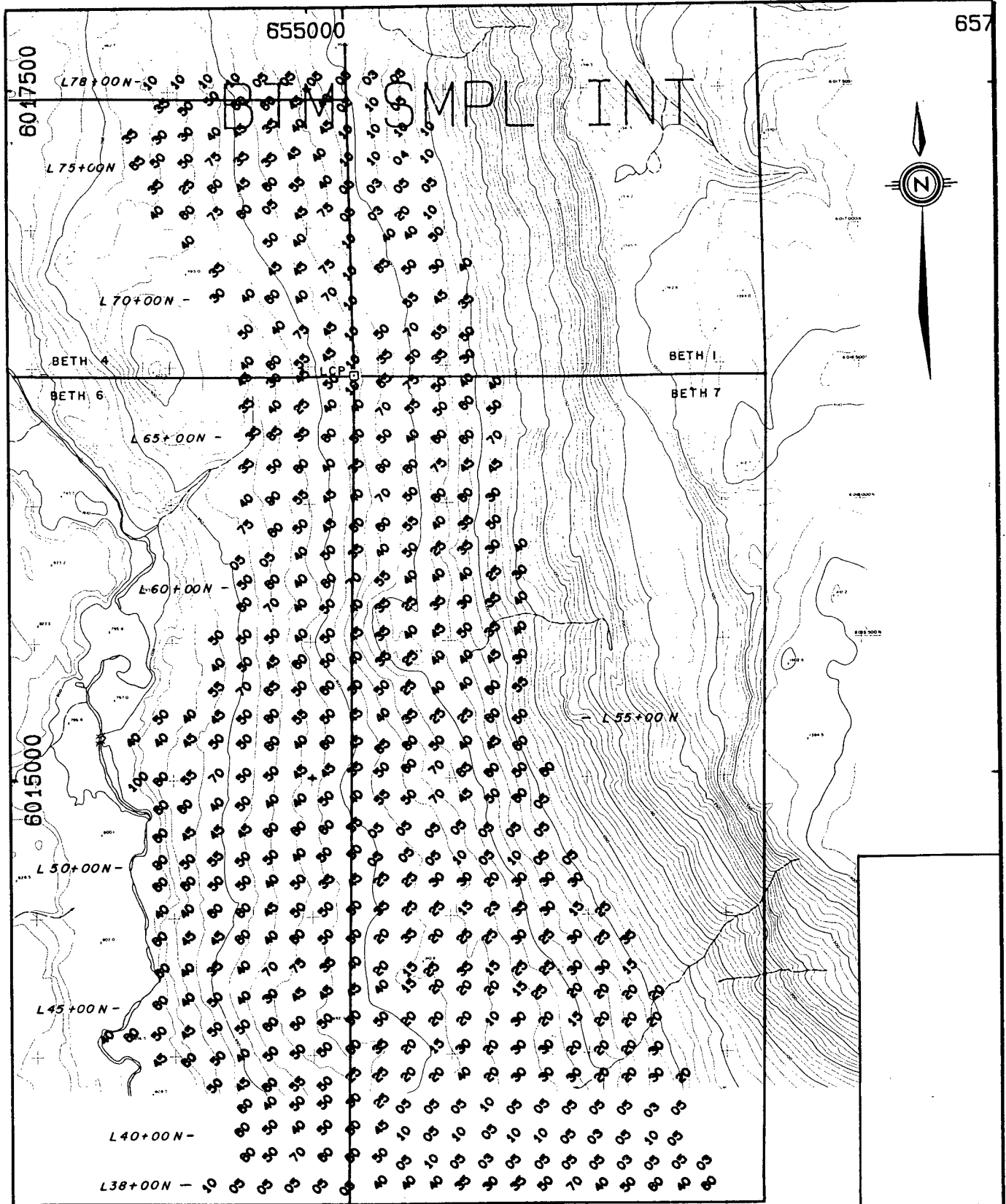
- SAMPLE TEXTURE**
- 0. Organic muck
 - 1. Fibrous, peaty organic matter
 - 2. Very sandy
 - 3. Sandy
 - 4. Sand-silt
 - 5. Sand-silt-clay
 - 6. Silt
 - 7. Silt-clay
 - 8. Clay
 - 9. Gravel



BP/ SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
SAMPLE TEXTURE**

SCALE 1:20,000	NTS 93 L/7	FIG. 2H
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		

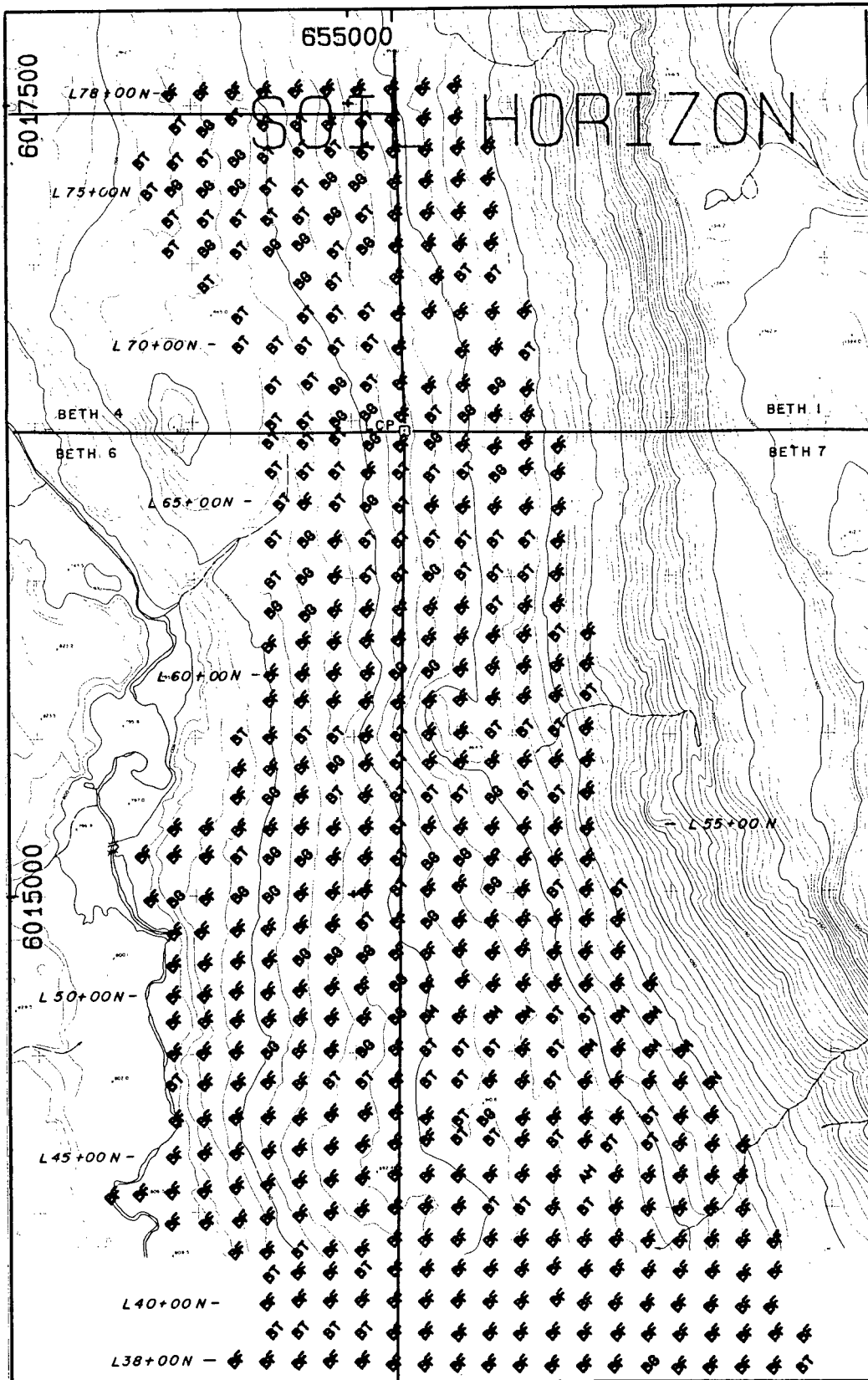


BP/ SELCO

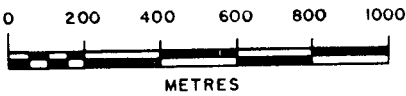
**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
BOTTOM OF SOIL SAMPLE INTERVAL-CM**

SCALE 1:20,000	NTS 93 L/7
DWG No.	DATE MAY 1984
	PROJ. 554
To accompany report: BPXV 84-3	

FIG. 2I



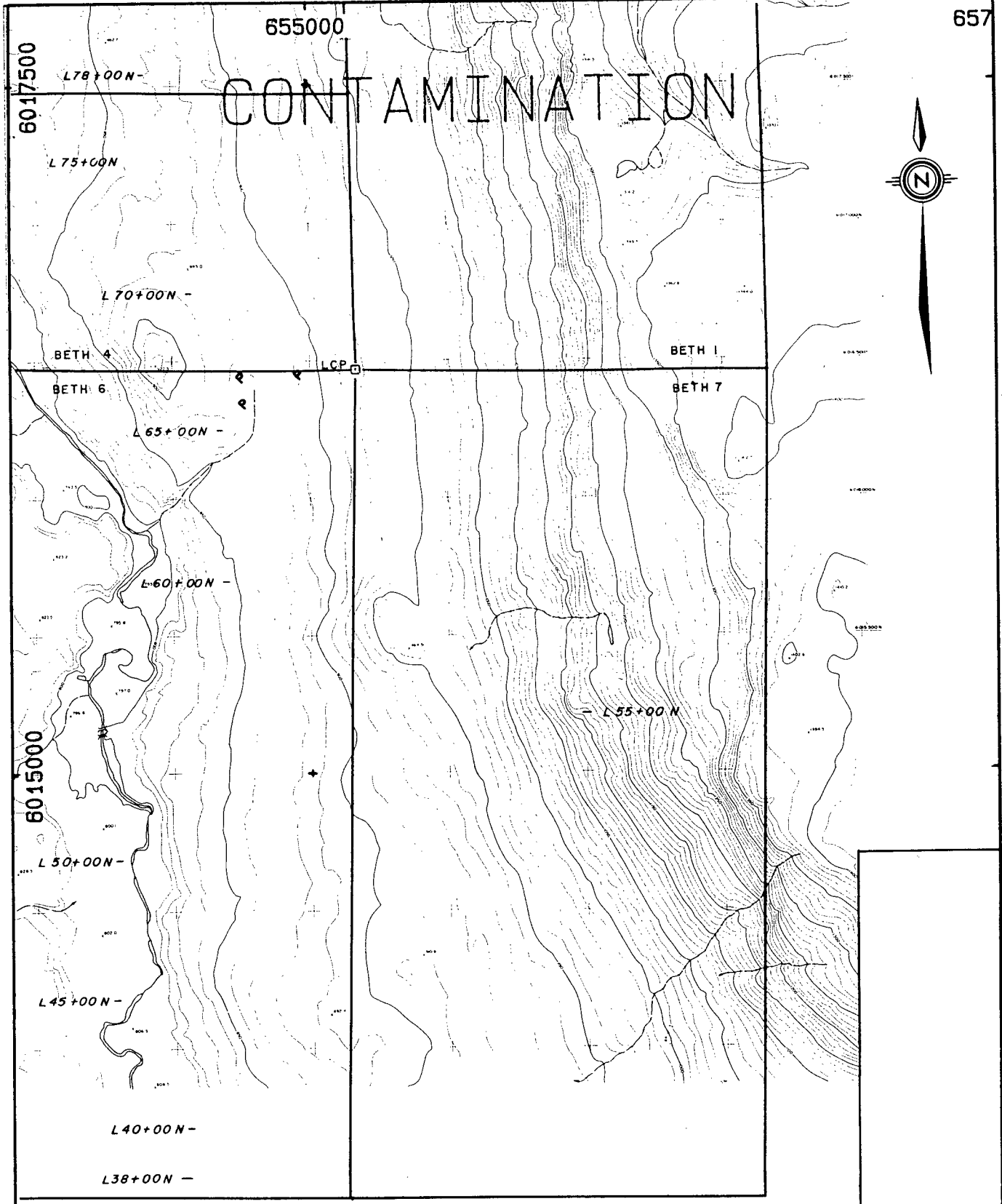
- SOIL HORIZON**
- LH. Leaf, humus layer, under-composed vegetation lying on the ground surface (do not sample)
 - AH. Dark grey to black, organic-rich mineral horizon usually no deeper than 15cm from the surface (do not sample)
 - AE. Grey to white (occasionally brown) leached mineral horizon near ground surface, usually sandy; accompanied by BF or BT horizon at depth (do not sample)
 - BH. Black, organic-rich mineral horizon at depths greater than 15cm (do not sample)
 - BF. Red-brown, iron-rich horizon
 - BT. Brown, clay-rich horizon
 - BG. Horizon which is water-saturated most of the year, identified by red brown mottles
 - BM. Brown horizon which is only slightly different in appearance from underlying parent material
 - C1, C2, C3, etc. Parent material for soil
 - CA. White calcium carbonate precipitate in C horizon
 - g1, g2, g3, etc. Dog sample at various depths
 - tr. Talus fines



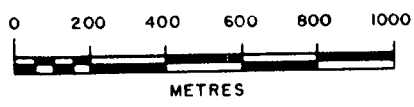
BP / SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
SOIL HORIZON**

SCALE 1:20,000		NTS 93 L/7		FIG. 2J	
DWG No	DATE MAY 1984	PROJ. 554			
To accompany report:		BPXV 84-3			



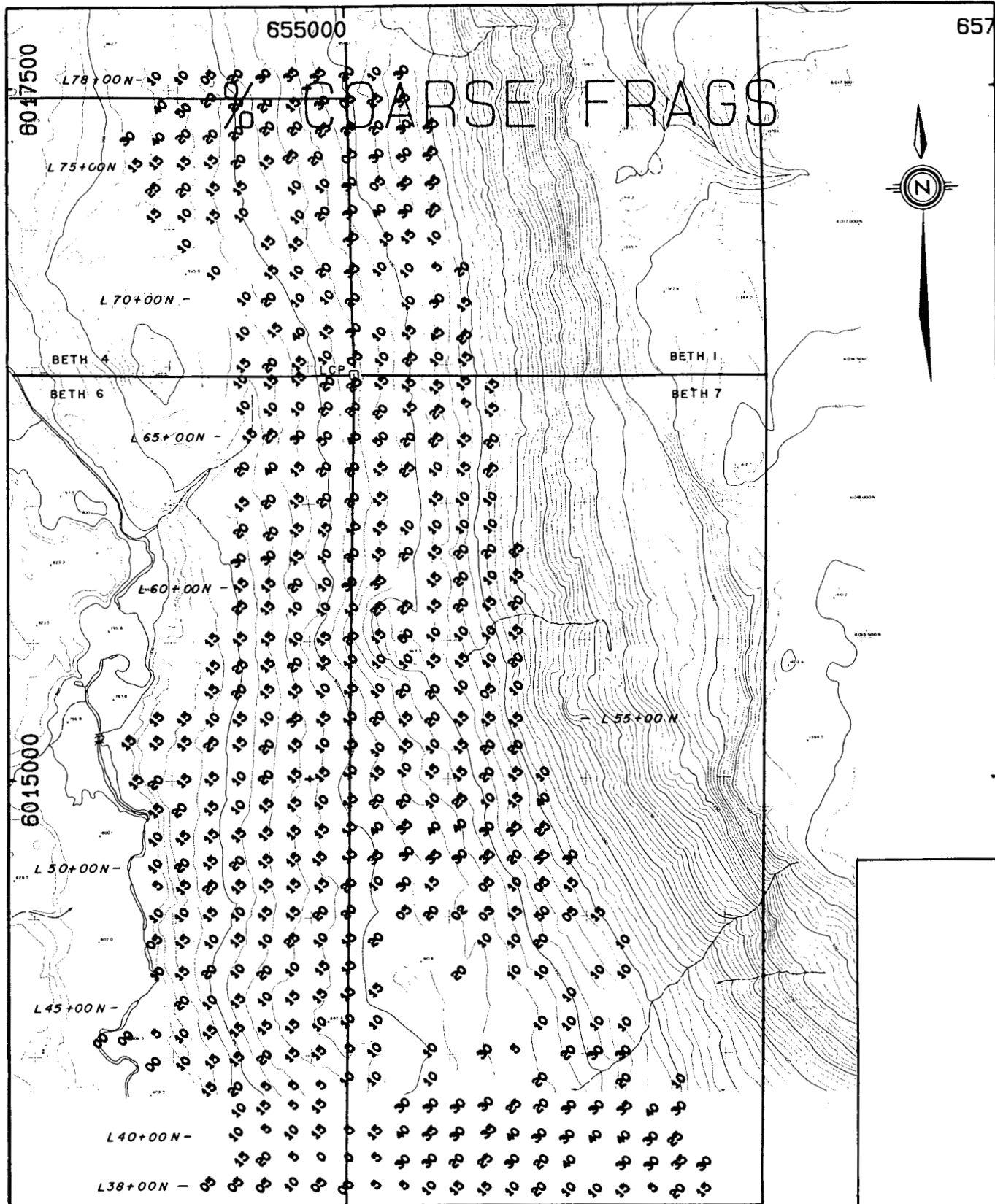
CONTAMINATION
 Blank - none L - logging
 C - culvert M - mine
 F - farming R - road
 G - garbage T - trench
 H - house # - other - spec.
 I - industry



BP/ SELCO

**BETH 1,4,6,7 CLAIMS
 BUCK CREEK PROJECT, B.C.
 SOIL GEOCHEMISTRY
 CONTAMINATION**

SCALE 1:20,000	NTS 93 L/7	FIG. 2K
DWG No	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		



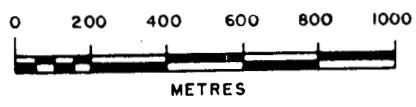
% COARSE FRAGS



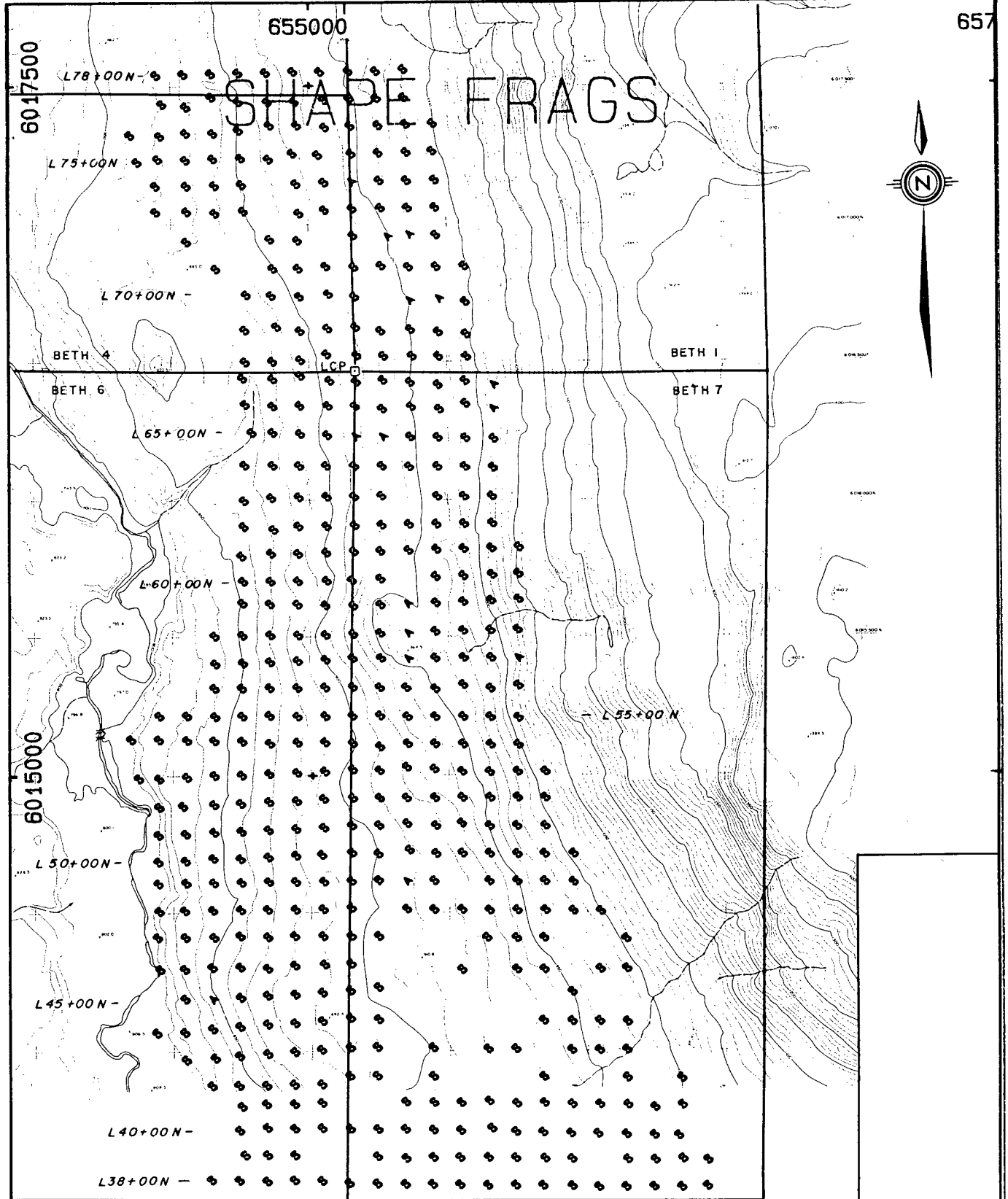
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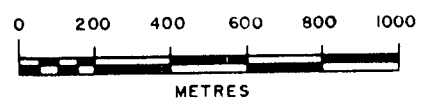
BL 13+00 E



BP/ SELCO		
BETH 1,4,6,7 CLAIMS BUCK CREEK PROJECT, B.C. SOIL GEOCHEMISTRY % COARSE FRAGMENTS		
SCALE 1: 20,000	NTS 93 L/7	FIG. 2L
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report: BPXV 84-3		



SHAPE OF COARSE FRAGMENTS
 A. Angular
 R. Rounded
 S. Subrounded
 M. Mixed above types



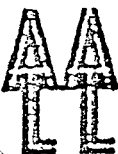
BP / SELCO

**BETH 1,4,6,7 CLAIMS
 BUCK CREEK PROJECT, B.C.
 SOIL GEOCHEMISTRY
 SHAPE OF COARSE FRAGMENTS**

SCALE 1:20,000	NTS 93 L/7	FIG. 2M
DWG No	DATE MAY 1984	
To accompany report: BPXV 84-3		

Appendix 2

Analytical procedures
Acme Analytical, Vancouver, B.C.



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

Telephone : 253 - 3158

GEOCHEMICAL LABORATORY METHODOLOGY - 1984

Sample Preparation

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis (AA and ICP)

0.5 gram samples are digested in hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water. Extracted metals are determined by :

A. Atomic Absorption (AA)

Ag*, Bi*, Cd*, Co, Cu, Fe, Ga, In, Mn, Mo, Ni, Pb, Sb*, Tl, V, Zn
(* denotes with background correction.)

B. Inductively Coupled Argon Plasma (ICP)

Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cu, Cr, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Geochemical Analysis for Au*

10.0 gram samples that have been ignited overnight at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

Geochemical Analysis for Au**, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire Assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt and Rh are determined in the solution by graphite furnace Atomic Absorption.

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml. As is determined in the solution by Graphite Furnace Atomic Absorption (AA) or by Inductively Coupled Argon Plasma (ICP).

Geochemical Analysis for Barium

0.1 gram samples are digested with hot NaOH and EDTA solution, and diluted to 10 ml.

Ba is determined in the solution by Atomic Absorption or ICP.

Geochemical Analysis for Tungsten

1.0 gram samples are fused with KCl, KNO₃ and Na₂CO₃ flux in a test tube, and the fusions are leached with 20 ml water. W in the solution determined by ICP with a detection of 1 ppm.

AA
TL

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone : 253 - 3158

Geochemical Analysis for Uranium

0.5 gram samples are digested with hot aqua regia and diluted to 10 ml.

Aliquots of the acid extract are solvent extracted using a salting agent and aliquots of the solvent extract are fused with NaF, K_2CO_3 and Na_2CO_3 flux in a platinum dish.

The fluorescence of the pellet is determined on the Jarrel Ash Fluorometer.

Geochemical Analysis for Fluorine

0.25 gram samples are fused with sodium hydroxide and leached with 10 ml water. The solution is neutralized, buffered, adjusted to pH 7.8 and diluted to 100 ml.

Fluorine is determined by Specific Ion Electrode using an Orion Model 404 meter.

Geochemical Analysis for Tin

1.0 gram samples are fused with ammonium iodide in a test tube. The sublimed iodine is leached with dilute hydrochloric acid.

The solution is extracted with MIBK and tin is determined in the extract by Atomic Absorption.

Geochemical Analysis for Chromium

0.1 gram samples are fused with Na_2O_2 . The melt is leached with HCl and analysed by AA or ICP.

Geochemical Analysis for Hg

0.5 gram samples is digested with aqua regia and diluted with 20% HCl.

Hg in the solution is determined by cold vapour AA using a F & J Scientific Hg assembly. An aliquot of the extract is added to a stannous chloride / hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it is measured by AA.

Geochemical Analysis for Ga & Ge

0.5 gram samples are digested with hot aqua regia with HF in pressure bombs.

Ga and Ge in the solution are determined by graphite furnace AA.

Geochemical Analysis for Tl (Thallium)

0.5 gram samples are digested with 1:1 HNO_3 . Tl is determined in the extract by graphite AA.

Geochemical Analysis for Te (Tellurium)

0.5 gram samples are digested with hot aqua regia. The Te extracted in MIBK is analysed by AA graphite furnace.

Appendix 3

Method of Histogram Interpretation

- 2.1 -

Rules for choice of size coding or contouring intervals

- (1) Examine both arithmetic and logarithmic histograms for each type of survey data. Choose the histogram which most closely approximates a normal (or lognormal) distribution. If there are several populations exhibited on the histogram, subjectively divide the data into a series of normal or lognormal distributions. Avoid interpreting histograms which are strongly skewed. Portions of the arithmetic or logarithmic histogram may be chosen for data interpretation over specific metal concentration intervals, if this allows for the best portrayal of the data in graphical form.
- (2) Choose, as two of the coding intervals, points which represent between 90% and 95%, and 95% and 97.5% of the data, two different numbers. These choices highlight 1 in 10 and 1 in 20 samples which are considered slightly anomalous and definitely anomalous, respectively. These limits are optimistic in that the two categories are defined to be anomalous regardless of the distribution of values on the remainder of the histogram. A rigorous statistical approach would suggest that only the 97.5% value be considered the anomaly threshold.
- (3) Divide the remaining portion of the histogram into recognizable populations. The dividing point of each of these populations is chosen as a coding interval. Minimums caused by the failure of a laboratory to record specific concentration values are ignored. These artificial breaks in the histogram can be recognized by scanning the laboratory reports.
- (4) For each population, choose one or two numbers which correspond to the 90% and 95% cumulative frequencies for that population (1 in 10 and 1 in 20 samples for that population respectively). These will also be used to represent anomalous conditions for each population.
- (5) A maximum of six numbers can be chosen to plot symbol maps. This number is dictated by the ability to present data in graphical form with sufficiently different symbol sizes to be easily distinguishable, particularly if maps are to be reduced. The seven defined concentration classes are normally sufficient to represent geochemical data on a map. More intervals can be chosen if data are to be contoured. Avoid choosing arithmetic intervals without considering rules (1) and (4).
- (6) Maps plotted using the preceding instructions might result in two areas being distinguished from each other by a relatively uniform density of symbol sizes, yet only poor contrast anomalies are indicated. Differences between the two areas, A and B, might be due to underlying geology, overburden character, soils etc.

- 2.2 -

Whatever the cause, the data are not well displayed. If the underlying control distinguishing A and B can be recognized, the data must be divided and re-interpreted following steps (1) to (5). Two sets of maps can be drawn, or both sets of interpreted data can be plotted on a single map. For such superimposed geochemical maps the symbol sizes lose their absolute meaning but assume a more important stance, that of reflecting anomalous conditions regardless of the underlying control. To illustrate, consider the case where A and B are areas underlain by very different geology. Anomalous conditions for low background rock types might be concentrations which are much lower than average values for the high background rock types. Nevertheless, anomalies defined in each area are to be considered significant. Reliance on absolute concentrations can be misleading in such cases.

Appendix 4

Statement of Qualifications

List of Qualifications

John Gravel

B.Sc 1979 McGill University (Geology)
Graduate Diploma 1984 McGill University (Geology)

Membership

Association of Exploration Geochemistry since 1979.

Other Qualifications

1. Instructor of geochemical exploration methods for the B.C. Department of Mines Prospecting school, May 1982 to 1984 (3 years).
2. Employed as an exploration geochemist with BP Minerals Limited, April 1979 to December 1982.
3. Employed as an exploration geochemist and geologist with A & M Exploration, May 1983 to September 1983.

List of Qualifications - S.J. Hoffman

- BSc 1969 - McGill University (Hons Geology and Chemistry)
MSc 1972 - The University of British Columbia (Geochemistry)
PhD 1976 - The University of British Columbia (Geochemistry)

List of Publications

1. Hoffman, S.J., 1972
Geochemical dispersion in bedrock and glacial overburden around a copper property in south central British Columbia. MSc thesis, unpublished, U.B.C., 209 pp.
2. Hoffman, S.J. and Fletcher, W.K., 1972
Distribution of copper at the Dansey-Rayfield River property, south central British Columbia. J. Geoch. Expl. 1, 163-180.
3. Hoffman, S.J. and Waskett-Myers, M.J., 1974
Determination of molybdenum in soils and sediments with a modified zinc dithiol procedure. J. Geoch. Expl. 3, 61-66.
4. Hoffman, S.J., 1974
Pebble Cards - A record of the coarse fraction of stream sediments for geochemical exploration. J. Geoch. Expl. 3, 387-388
5. Hoffman, S.J. and Fletcher, W.K., 1976
Reconnaissance geochemistry on the Nechako Plateau, B.C., using lake sediments. J. Geoch. Expl. 5, 101-114.
6. Hoffman, S.J., 1976
Mineral Exploration of the Nechako Plateau, central British Columbia, using lake sediment geochemistry. PhD thesis, unpublished, U.B.C., 347 pp.
7. Hoffman, S.J. 1977
Talus fine sampling as a regional geochemical exploration technique in mountainous regions. J. Geoch. Expl. 7, 349-360.

8. Hoffman, S.J. and Fletcher, W.K., 1979
Sequential extraction of copper, zinc, iron, manganese and molybdenum from soils and sediments.
In *Geochemical Exploration 1978, Proceedings of the Seventh International Geochemical Exploration Symposium*, Golden, Colorado, 289-299.
9. Hoffman, S.J. and Fletcher, W.K., 1981
Detailed lake sediment sampling of anomalous lakes on the Nechako Plateau, central British Columbia - Comparison of trace metal distributions in Capoose and Fish Lakes.
J. Geoch. Expl. 14, 221-224.
10. Hoffman, S.J. and Fletcher, W.K., 1981
Organic matter scavenging of copper, zinc, molybdenum, iron, and manganese, estimated by a sodium hypochlorite extraction (pH 9.5).
J. Geoch. Expl. 15, 549-562.
11. Hoffman, S.J., Arnold, P.M. and Zink, E.W., 1983
Rapid field determination of copper by anodic stripping voltammetry (ASV).
In press, *Encyclopedia of Earth Sciences*.
12. Hoffman, S.J., 1983
Lake sediment geochemistry.
In press, *Encyclopedia of Earth Sciences*.
13. Hoffman, S.J., 1983
Geochemical exploration for unconformity-type uranium deposits in permafrost terrain - Hornby Bay Basin, Northwest Territories, Canada. In press, *J. Geoch. Expl.*
14. Hoffman, S.J., and Mitchell, G.G., 1983
Microcomputers in geochemical exploration. Presented, Helsinki, August, 1983, to be published in the *J. Geoch. Expl.*

List of Memberships

1. Geological Association of Canada, since 1967.
2. Canadian Institute of Mining and Metallurgy, since 1973.
3. Association of Exploration Geochemists, since 1973.
4. American Society of Agronomy, since 1973.
5. Geochemical Society, since 1983.

Other Qualifications

1. Instructor on methods of geochemical exploration for the B.C. Department of Mines prospecting school, May 1977 - 1984 (8 years).
2. Instructor, Short course on Geochemical Exploration in the Canadian Shield, McGill University, January 1979.
3. Speaker, CIM in Prince George, B.C. on "Lake Sediment Geochemistry", May, 1977.
4. Speaker, Geosciences Council, Yellowknife on "Lake Sedimentary Geochemistry, Hornby Bay area", December 1978, and also December 1980.
5. Instructor, Short course on Geochemical Exploration (computer and statistical applications), Northwest Mining Association, Spokane, Washington, December 1979.
6. Council member, Association of Exploration Geochemists, 1980-1984.
7. Chairman, GOLD-81 Symposium. Precious Metals in the Northern Cordillera: April 12-15, 1981. Co-sponsored by the Association of Exploration Geochemists and the Cordilleran Section of the Geological Association of Canada.
8. Business Editor, Proceedings of the GOLD-81 Symposium published February 1982.
9. Lecturer, Exploration geochemistry, University of British Columbia, credit course, 1983, 1984.
10. Member, committee to determine qualifications for geochemical option of professional geologist (P. Geol.), a sub classification of P. Eng., 1982-1983.
11. Chairman, Geochemistry 1986 Symposium, to be held in Vancouver.

APPENDIX 5
STATEMENT OF EXPENDITURES

PERSONNEL

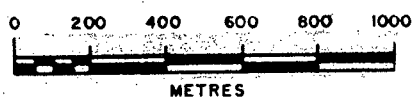
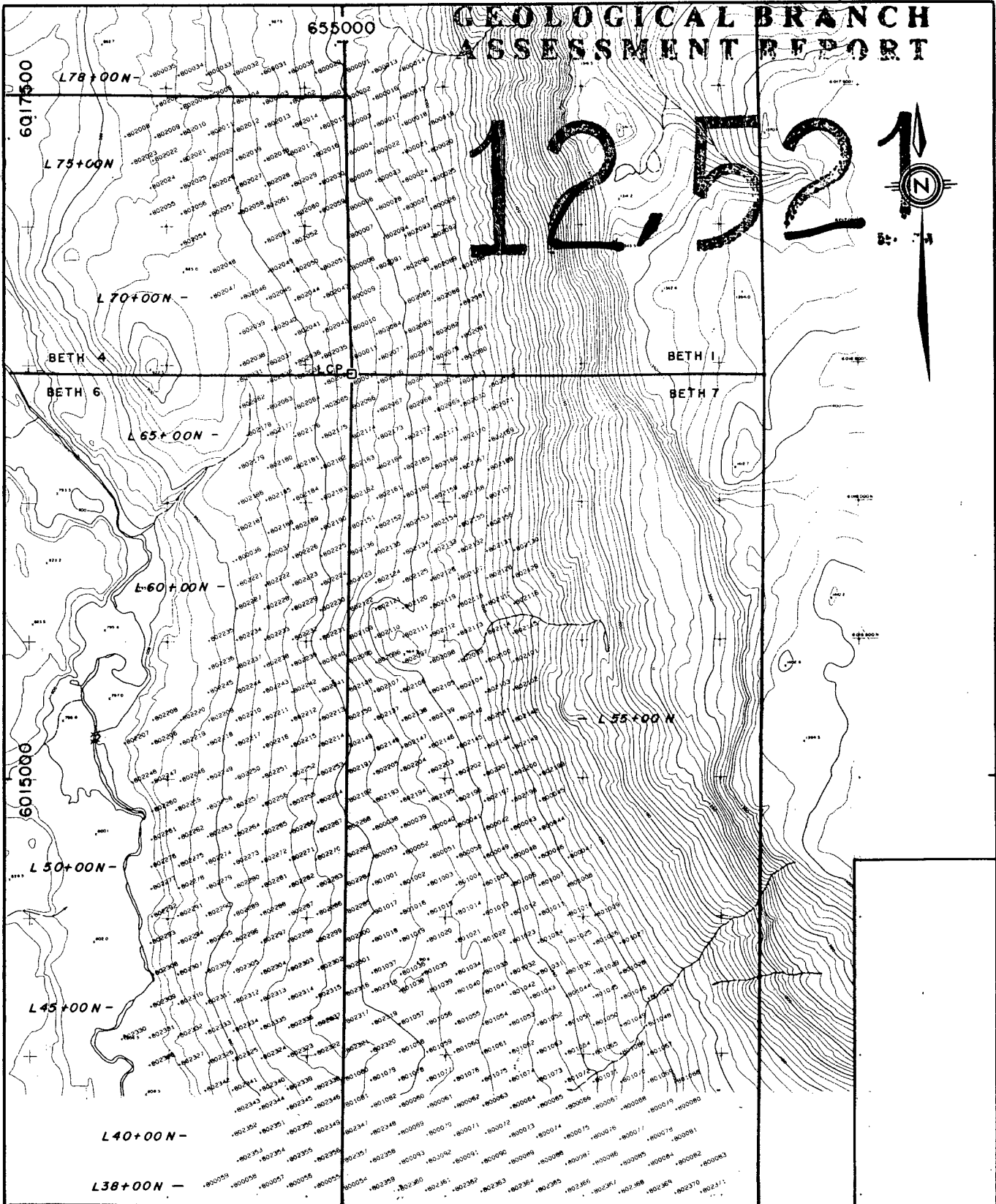
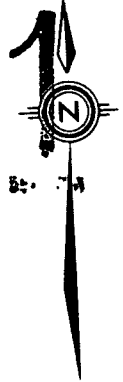
B. Arnold, geologist	Apr.25-May 15 = 21 days @ \$120.75/day	\$2,535.75
B. Plummer, geologist	Apr.25-May 15 = 21 days @ \$103.50/day	2,173.50
C. Jones, assistant	Apr.25-May 15 = 21 days @ \$ 57.50/day	1,207.50
C.M. Rebagliati, senior geologist	Apr.26,27 - May 30,31 = 4 days @ \$200.00/day	800.00
J. Gravel, geochemist	May 30,31- Jun. 7,8 = 4 days @ \$120.00/day	480.00
S. Hoffman, geochemist	June 8 = 1 day @ \$200.00/day	200.00
A. Mustard, data processor	June 5,6,7 = 3 days @ \$ 76.64/day	229.92
J. Stroleny, draftsperson	June 7,8 = 2 days @ \$126.00/day	252.00
Room and board - 77 man days @ \$30.34/day		2,336.18
Transportation:		
truck rental - 28 days @ \$35/day		980.00
operating costs		258.92
Geochemical analysis - 546 samples @ \$12.44/sample		6,792.24
Publication costs		100.00
	TOTAL	<u>\$18,346.01</u>

BETH 1 & 4 CLAIMS - 19% = \$ 3,485.75

BETH 6 & 7 CLAIMS - 81% = \$14,860.26

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

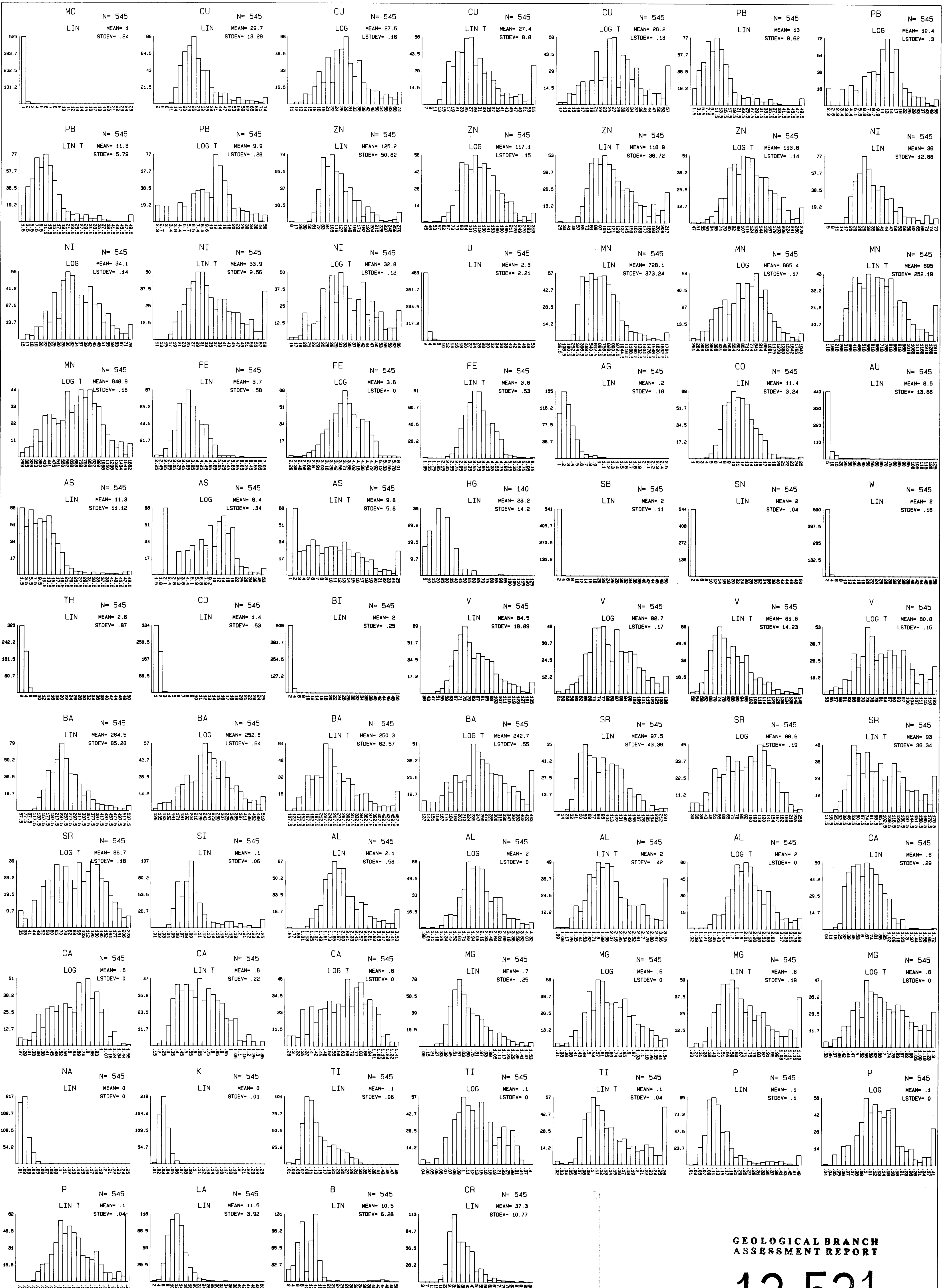
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BP/SELCO

**BETH 1,4,6,7 CLAIMS
BUCK CREEK PROJECT, B.C.
SOIL GEOCHEMISTRY
1984 SOIL SAMPLE LOCATIONS**

SCALE 1:20,000	NTS 03 L/7	FIG. 4
DWG No.	DATE MAY 1984	PROJ. 554
To accompany report:		



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,521

SAMPLE SELECTION CRITERIA

PROPERTY CODE ALL
 SAMPLE TYPE (S) 50
 BEDROCK TYPE (S) ALL
 SOIL HORIZON (S) ALL
 SAMPLE TEXTURE (S) ALL
 OVERBURDEN ORIGIN (S) ALL
 LAB-SIZE FR-EXTRACTION (S) ALL

LEGEND

LIN = LINEAR
 LOG = LOGARITHMIC
 LIN T = TRUNCATED LINEAR
 LOG T = TRUNCATED LOGARITHMIC

BP Minerals Limited			
BETH 1-4-6-7 CLAIMS BUCK CREEK PROJECT - B.C. HISTOGRAMS			
DWG. NO.	DATE MAY 1984	PROJECT 554	FIG. 3
REPORT NO.	NTS 93 L/7		
TO ACCOMPANY REPORT:	BPXV 84-3		

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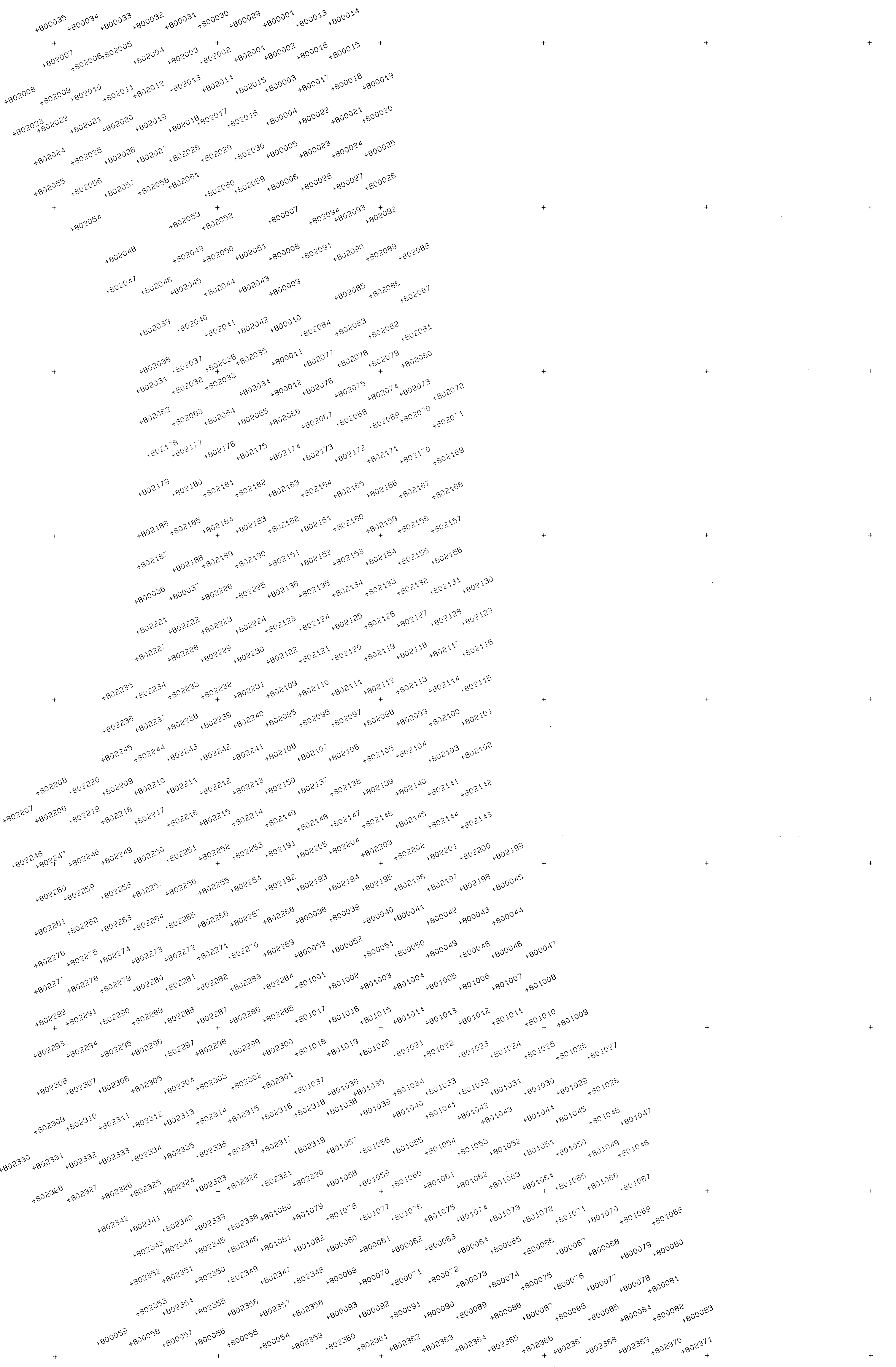
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,521

250 METRES

BP Minerals Limited			
BETH 1-4-6-7 CLAIMS BUCK CREEK PROJECT - B.C. 1984 SOIL SURVEY - SAMPLE LOCATIONS			
DWG NO	DATE MAY 1984	PROJECT 554	FIG 4
REPORT NO	NTS 93 L/7	SCALE 1: 5000	
TO ACCOMPANY REPORT	BPXV 84-3		