

# MB 85-45

GEOCHIMIE DES SOLS - REGION DE TROILUS

Documents complémentaires

*Additional Files*



**Licence**



**License**

Cette première page a été ajoutée  
au document et ne fait pas partie du  
rapport tel que soumis par les auteurs.

**Énergie et Ressources  
naturelles**

**Québec** The logo consists of the word "Québec" in a bold, sans-serif font, followed by a stylized graphic element made of four blue squares with white fleur-de-lis symbols.



Gouvernement du Québec  
Ministère de l'Energie et des Ressources  
Service de la Géochimie - Géophysique

1

## SÉRIE DES MANUSCRITS BRUTS

### Géochimie des sols – Région de Troïlus –

Michel B. Otis

Ce document est une reproduction fidèle du manuscrit tel que soumis par l'auteur sauf pour une mise en page sommaire destinée à assurer une qualité convenable de reproduction.

## INTRODUCTION

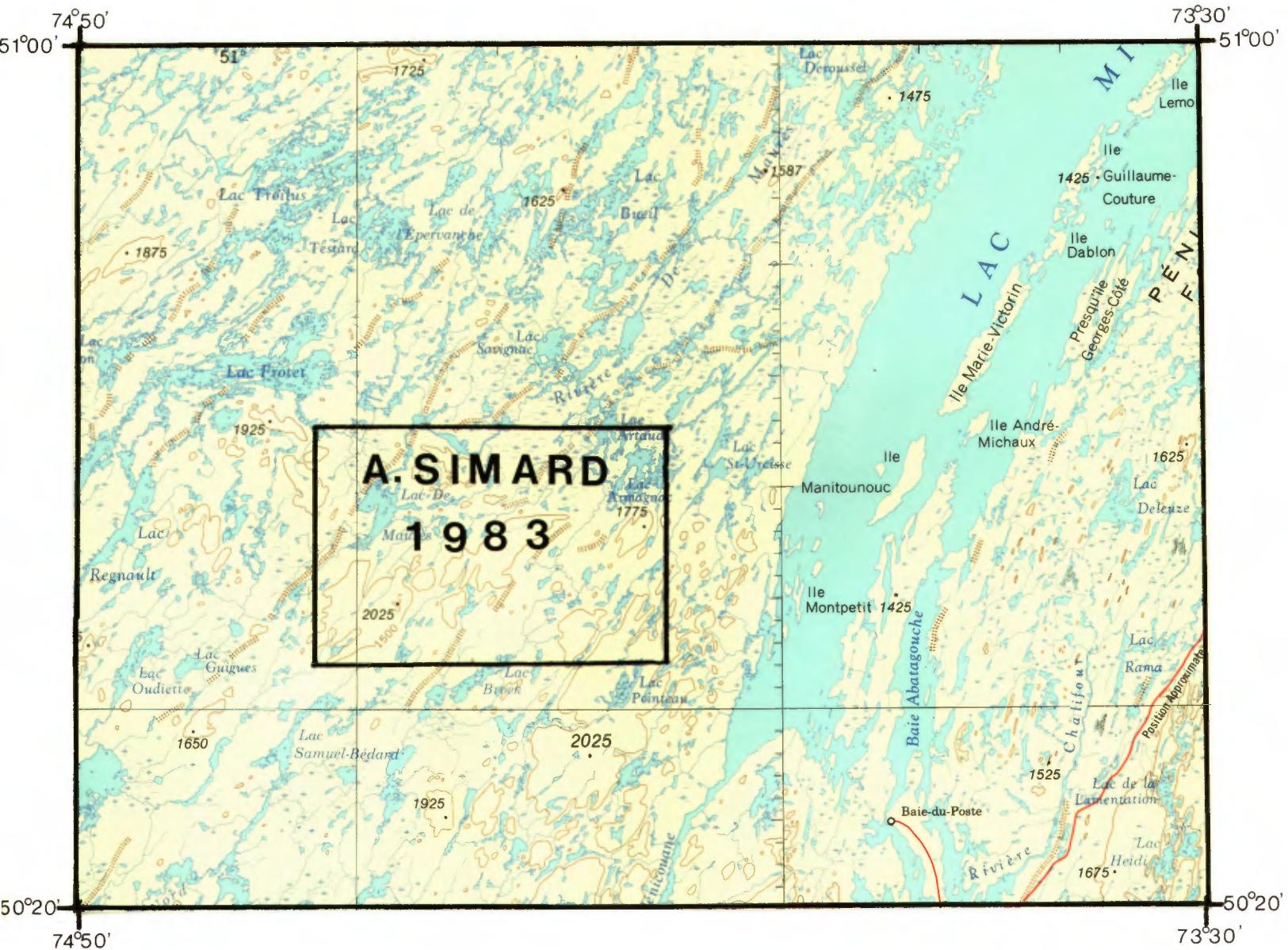
Durant l'été 1983, un levé géochimique de sols fut effectué parallèlement à la cartographie géologique de la région de Troïlus par A. Simard et son équipe (Simard, 1983).

Le but du levé était de définir le fond géochimique régional et s'il y a lieu de mettre en évidence des zones prioritaires pour l'exploration minérale. La région échantillonnée se situe entre les latitudes  $50^{\circ}32'00''$  et  $50^{\circ}43'00''$  et les longitudes  $74^{\circ}08'15''$  et  $74^{\circ}33'00''$  (voir carte à la page suivante). Cent vingt échantillons furent prélevés donnant une densité moyenne de 0,24 échantillon par kilomètre carré (voir carte de localisation des échantillons à la fin).

## ANALYSES

Les échantillons furent tamisés à moins de 177 microns et ils furent analysés au Centre de recherches minérales du ministère pour les éléments suivants: argent, arsenic, barium, bismuth, cuivre, cobalt, chromium, fer, lithium, molybdène, manganèse, nickel, plomb, perte au feu, uranium et zinc.

La méthode d'analyse utilisée fut la spectrophotométrie d'absorption atomique pour tous les éléments sauf l'uranium qui fut dosé par chromatographie sur papier (Guimont et Pichette, 1979).



Echelle: 1:500 000



## DONNÉES

Lors du prélèvement, des informations furent recueillies décrivant le site d'échantillonnage ainsi que l'échantillon. Ces données se trouvent à l'annexe 2. La liste des résultats d'analyse sont à l'annexe 1. Les unités de teneurs utilisées sont les suivantes:

ppm = parties par million

dpm = dixième de parties par million (1 dpm = 0,1 ppm)

cct = centième de pourcent

## TRAITEMENT DES DONNÉES

L'histogramme, pour chacun des éléments, définit le patron de distribution des teneurs qui peut être de caractère modale ou multimodale (Annexe 3). Le tableau 1 donne les principaux paramètres statistiques de base pour chacun des éléments.

Les classes de teneurs utilisées pour la représentation des données sur les cartes géochimiques ont été obtenues en définissant les teneurs de certains niveaux fixes de percentiles (tableau 2). Les cartes géochimiques (annexe 3) présentent les données pour chacun des éléments en mettant de l'emphase sur l'intensité des teneurs.

Tableau 1: Principaux paramètres statistiques de base.

| VARIABLE | MINIMUM | MAXIMUM | MOYENNE | ECART TYPE | NOMBRE D'ÉCHANTILLONS |
|----------|---------|---------|---------|------------|-----------------------|
| Ag       | 2,00    | 2,00    | 2,00    | 0,00       | 120                   |
| As       | 5,00    | 36,00   | 7,28    | 4,97       | 119                   |
| Ba       | 5,00    | 144,00  | 35,73   | 31,89      | 120                   |
| Bi       | 2,00    | 5,00    | 2,41    | 0,77       | 120                   |
| Cu       | 2,00    | 47,00   | 7,35    | 6,19       | 120                   |
| Co       | 1,00    | 21,00   | 2,97    | 2,94       | 120                   |
| Cr       | 1,00    | 140,00  | 13,30   | 18,42      | 120                   |
| Fe       | 1,00    | 380,00  | 46,60   | 55,82      | 120                   |
| Li       | 1,00    | 9,00    | 1,75    | 1,22       | 120                   |
| Mo       | 1,00    | 9,00    | 1,37    | 0,84       | 120                   |
| Mn       | 8,00    | 184,00  | 33,97   | 33,57      | 120                   |
| Ni       | 2,00    | 112,00  | 7,38    | 12,54      | 120                   |
| Pb       | 2,00    | 98,00   | 12,97   | 16,58      | 120                   |
| PF       | 1,00    | 99,00   | 33,71   | 33,22      | 120                   |
| U        | 1,00    | 16,00   | 2,47    | 2,09       | 120                   |
| Zn       | 4,00    | 96,00   | 19,72   | 18,16      | 120                   |

Tableau 2: Classes et symboles pour la représentation des données.

| CLASSES | INTERVALLES DE POURCENTAGES | SYMBOLES |
|---------|-----------------------------|----------|
| 1       | 0 - 66                      | .        |
| 2       | 67 - 84                     | +        |
| 3       | 85 - 92                     | ⊕        |
| 4       | 93 - 97                     | ●        |
| 5       | * 98 et +                   | ①, ②, ③  |

La 5e classe peut être redivisée en plusieurs sous-classes

- ① 1 X à 2X où X = teneur supérieure de la classe 4
- ② 2 2X à 4X jusqu'à ce que la teneur maximum soit atteinte
- ③ 3 4X à 8X...

RÉFÉRENCES

- SIMARD, A., 1983 - Evolution du volcanisme archéen dans la région de Trois-Rivières. Ministère de l'Energie et des Ressources du Québec; ET 83-18 à venir.
- GUIMONT, J. - PICHETTE, M., 1979 - Méthode de dosage d'éléments en trace dans les sédiments, les roches et les eaux. Ministère des Richesses naturelles du Québec, Centre de recherches minérales, Direction de l'analyse et du contrôle; AC-5.

ANNEXE 1

DONNÉES ANALYTIQUES ET LOCALISATION  
DES ÉCHANTILLONS EN COORDONNÉES UTM

| NUMERO<br>PERMANENT | BADGE# | ELEMENTS<br>DPM | MRN | ALAIN SIMARD | TROILUS-FROTET |      |      |      |      |      |      |          |           |            |           |      | (SO)      |            |        |  |
|---------------------|--------|-----------------|-----|--------------|----------------|------|------|------|------|------|------|----------|-----------|------------|-----------|------|-----------|------------|--------|--|
|                     |        |                 |     |              | * AG           | * BA | * BI | * CU | * CO | * CR | * FE | * LI     | * MO      | * MN       | * NI      | * PB | * UTM EST | * UTM NORD | * ZONE |  |
|                     |        |                 |     |              | DPM            | PPM  | PPM  | PPM  | PPM  | PPM  | CCT  | PPM      | PPM       | PPM        | PPM       | PPM  | UTM       | UTM        | UTM    |  |
| 83-64300            | 2      | 5               | 30  | 2            | 11             | 6    | 72   | 60   | 2    | 1    | 46   | 40       | 9         | 539740.0   | 5610790.0 | 18   |           |            |        |  |
| 83-64301            | 2      | 14              | 76  | 2            | 12             | 15   | 140  | 117  | 2    | 1    | 122  | 112      | 98        | 539740.0   | 5610720.0 | 18   |           |            |        |  |
| 83-64302            | 2      | 5               | 10  | 2            | 12             | 3    | 17   | 184  | 1    | 1    | 90   | 4        | 9         | 536600.0   | 5602675.0 | 18   |           |            |        |  |
| 83-64303            | 2      | 5               | 80  | 2            | 10             | 3    | 7    | 29   | 2    | 1    | 38   | 6        | 18        | 536475.0   | 5602375.0 | 18   |           |            |        |  |
| 83-64304            | 2      | 5               | 11  | 3            | 3              | 2    | 12   | 74   | 2    | 1    | 40   | 5        | 9         | 536100.0   | 5601850.0 | 18   |           |            |        |  |
| 83-64305            | 2      | 5               | 14  | 4            | 3              | 4    | 4    | 8    | 2    | 1    | 12   | 5        | 8         | 535800.0   | 5600975.0 | 18   |           |            |        |  |
| 83-64306            | 2      | 5               | 48  | 10           | 3              | 9    | 43   | 2    | 1    | 16   | 5    | 14       | 5         | 535400.0   | 5600475.0 | 18   |           |            |        |  |
| 83-64307            | 2      | 10              | 66  | 12           | 12             | 12   | 31   | 1    | 2    | 28   | 3    | 7        | 540000.0  | 5604750.0  | 18        |      |           |            |        |  |
| 83-64308            | 2      | 16              | 59  | 2            | 12             | 3    | 20   | 54   | 2    | 2    | 10   | 5        | 10        | 541150.0   | 5605500.0 | 18   |           |            |        |  |
| 83-64309            | 2      | 5               | 41  | 2            | 2              | 3    | 2    | 1    | 1    | 12   | 2    | 4        | 5         | 550375.0   | 5604500.0 | 18   |           |            |        |  |
| 83-64310            | 2      | 14              | 10  | 4            | 2              | 12   | 128  | 2    | 1    | 14   | 2    | 8        | 550075.0  | 5603900.0  | 18        |      |           |            |        |  |
| 83-64311            | 2      | 14              | 4   | 4            | 2              | 12   | 116  | 2    | 2    | 12   | 2    | 8        | 559650.0  | 5607950.0  | 18        |      |           |            |        |  |
| 83-64312            | 2      | 43              | 33  | 4            | 8              | 113  | 9    | 1    | 60   | 5    | 5    | 8        | 559575.0  | 5607700.0  | 18        |      |           |            |        |  |
| 83-64313            | 2      | 14              | 5   | 3            | 22             | 122  | 2    | 2    | 14   | 2    | 2    | 10       | 559550.0  | 5607300.0  | 18        |      |           |            |        |  |
| 83-64314            | 2      | 14              | 47  | 3            | 12             | 73   | 5    | 0    | 32   | 2    | 2    | 6        | 559400.0  | 5607050.0  | 18        |      |           |            |        |  |
| 83-64315            | 2      | 14              | 4   | 3            | 22             | 122  | 2    | 2    | 14   | 2    | 2    | 7        | 559450.0  | 5606025.0  | 18        |      |           |            |        |  |
| 83-64316            | 2      | 14              | 47  | 3            | 12             | 73   | 5    | 0    | 32   | 2    | 2    | 7        | 542400.0  | 5612900.0  | 18        |      |           |            |        |  |
| 83-64317            | 2      | 14              | 4   | 3            | 22             | 122  | 2    | 2    | 14   | 2    | 2    | 7        | 537050.0  | 5614875.0  | 18        |      |           |            |        |  |
| 83-64318            | 2      | 6               | 10  | 2            | 12             | 19   | 1    | 1    | 50   | 2    | 2    | 39       | 537050.0  | 5614875.0  | 18        |      |           |            |        |  |
| 83-64319            | 2      | 7               | 16  | 2            | 12             | 35   | 1    | 1    | 96   | 1    | 2    | 78       | 536900.0  | 56114200.0 | 18        |      |           |            |        |  |
| 83-64320            | 2      | 9               | 13  | 2            | 12             | 16   | 1    | 1    | 86   | 1    | 2    | 41       | 541000.0  | 5610900.0  | 18        |      |           |            |        |  |
| 83-64321            | 2      | 5               | 6   | 2            | 12             | 14   | 2    | 1    | 12   | 3    | 2    | 9        | 542650.0  | 5610925.0  | 18        |      |           |            |        |  |
| 83-64322            | 2      | 5               | 29  | 3            | 2              | 12   | 68   | 1    | 1    | 12   | 3    | 6        | 543300.0  | 5609475.0  | 18        |      |           |            |        |  |
| 83-64323            | 2      | 8               | 7   | 3            | 2              | 12   | 55   | 2    | 1    | 12   | 3    | 4        | 537600.0  | 5609025.0  | 18        |      |           |            |        |  |
| 83-64324            | 2      | 30              | 29  | 13           | 2              | 12   | 380  | 1    | 2    | 20   | 3    | 9        | 537500.0  | 5605600.0  | 18        |      |           |            |        |  |
| 83-64325            | 2      | 14              | 11  | 6            | 32             | 39   | 1    | 1    | 104  | 4    | 8    | 13       | 542075.0  | 5610600.0  | 18        |      |           |            |        |  |
| 83-64326            | 2      | 11              | 13  | 6            | 32             | 39   | 1    | 1    | 104  | 4    | 8    | 13       | 542550.0  | 5611125.0  | 18        |      |           |            |        |  |
| 83-64327            | 2      | 17              | 29  | 10           | 2              | 12   | 12   | 1    | 1    | 146  | 2    | 32       | 537100.0  | 5606650.0  | 18        |      |           |            |        |  |
| 83-64328            | 2      | 9               | 24  | 15           | 10             | 100  | 147  | 2    | 2    | 50   | 1    | 37       | 542475.0  | 5611700.0  | 18        |      |           |            |        |  |
| 83-64329            | 2      | 16              | 19  | 4            | 10             | 100  | 41   | 2    | 2    | 56   | 14   | 540275.0 | 5617050.0 | 18         |           |      |           |            |        |  |
| 83-64330            | 2      | 18              | 19  | 4            | 10             | 100  | 41   | 2    | 2    | 34   | 10   | 17       | 542000.0  | 5616550.0  | 18        |      |           |            |        |  |
| 83-64331            | 2      | 5               | 31  | 5            | 6              | 33   | 90   | 2    | 2    | 90   | 13   | 19       | 537000.0  | 5614650.0  | 18        |      |           |            |        |  |
| 83-64332            | 2      | 5               | 31  | 5            | 6              | 33   | 90   | 2    | 2    | 12   | 2    | 7        | 557550.0  | 5603900.0  | 18        |      |           |            |        |  |
| 83-64333            | 2      | 5               | 68  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 551400.0   | 5604000.0 | 18   |           |            |        |  |
| 83-64334            | 2      | 5               | 66  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 540175.0   | 561150.0  | 18   |           |            |        |  |
| 83-64335            | 2      | 5               | 65  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 547250.0   | 5603925.0 | 18   |           |            |        |  |
| 83-64336            | 2      | 5               | 64  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 537530.0   | 5599300.0 | 18   |           |            |        |  |
| 83-64337            | 2      | 5               | 63  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 537500.0   | 5599450.0 | 18   |           |            |        |  |
| 83-64338            | 2      | 5               | 62  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 537175.0   | 5599975.0 | 18   |           |            |        |  |
| 83-64339            | 2      | 5               | 61  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 537000.0   | 5600650.0 | 18   |           |            |        |  |
| 83-64340            | 2      | 5               | 60  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538125.0   | 5601150.0 | 18   |           |            |        |  |
| 83-64341            | 2      | 5               | 59  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 540175.0   | 5610875.0 | 18   |           |            |        |  |
| 83-64342            | 2      | 5               | 58  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64343            | 2      | 5               | 57  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538650.0   | 5609300.0 | 18   |           |            |        |  |
| 83-64344            | 2      | 5               | 56  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538250.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64345            | 2      | 5               | 55  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64346            | 2      | 5               | 54  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538250.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64347            | 2      | 5               | 53  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64348            | 2      | 5               | 52  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538250.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64349            | 2      | 5               | 51  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64350            | 2      | 5               | 50  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64351            | 2      | 5               | 49  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64352            | 2      | 5               | 48  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64353            | 2      | 5               | 47  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64354            | 2      | 5               | 46  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64355            | 2      | 5               | 45  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64356            | 2      | 5               | 44  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64357            | 2      | 5               | 43  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64358            | 2      | 5               | 42  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64359            | 2      | 5               | 41  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64360            | 2      | 5               | 40  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64361            | 2      | 5               | 39  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64362            | 2      | 5               | 38  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64363            | 2      | 5               | 37  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64364            | 2      | 5               | 36  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64365            | 2      | 5               | 35  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64366            | 2      | 5               | 34  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64367            | 2      | 5               | 33  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64368            | 2      | 5               | 32  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64369            | 2      | 5               | 31  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609450.0 | 18   |           |            |        |  |
| 83-64370            | 2      | 5               | 30  | 3            | 10             | 9    | 32   | 39   | 1    | 1    | 12   | 5        | 5         | 538200.0   | 5609400.0 | 18   |           |            |        |  |
| 83-64               |        |                 |     |              |                |      |      |      |      |      |      |          |           |            |           |      |           |            |        |  |

| MRN                 |                     | ALAIN SIMARD |     | TROILUS-FROTET |     |    |     |     |     |    |     |    |     |          |           | (50)      |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
|---------------------|---------------------|--------------|-----|----------------|-----|----|-----|-----|-----|----|-----|----|-----|----------|-----------|-----------|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|------------------------|-------------------------|-------------|
| NUMERO<br>PERMANENT | ELEMENTS<br>BADGEON | *            | AG  | *              | AS  | *  | BA  | *   | BI  | *  | CU  | *  | CO  | *        | CR        | *         | FE  | * | LI  | * | MO  | * | MN  | * | NI  | * | PB  | * | COORDONNEES<br>UTM EST | COORDONNEES<br>UTM NORD | ZONE<br>UTM |
| DPM                 | DPM                 |              | DPM |                | DPM |    | PPM |     | PPM |    | PPM |    | PPM |          | PPM       |           | CCT |   | PPM                    |                         |             |
| 83-64449            | 2                   | 8            | 6   | 2              | 8   | 11 | 22  | 144 | 2   | 2  | 22  | 10 | 7   | 538000.0 | 5613350.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64450            | 2                   | 5            | 12  | 5              | 9   | 14 | 23  | 57  | 5   | 1  | 66  | 10 | 2   | 538300.0 | 5613600.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64451            | 2                   | 5            | 15  | 7              | 2   | 20 | 17  | 38  | 5   | 1  | 58  | 7  | 3   | 537950.0 | 5613700.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64452            | 2                   | 5            | 7   | 2              | 2   | 20 | 12  | 4   | 1   | 1  | 12  | 2  | 2   | 537750.0 | 5613600.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64454            | 2                   | 5            | 10  | 5              | 3   | 20 | 6   | 27  | 2   | 1  | 14  | 2  | 2   | 537500.0 | 5613300.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64456            | 2                   | 5            | 11  | 5              | 3   | 20 | 50  | 31  | 2   | 1  | 18  | 5  | 3   | 537475.0 | 5613175.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64457            | 2                   | 5            | 18  | 2              | 4   | 16 | 15  | 13  | 2   | 1  | 12  | 4  | 9   | 536950.0 | 5613100.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64459            | 2                   | 17           | 21  | 2              | 4   | 21 | 92  | 1   | 1   | 26 | 5   | 8  | 5   | 536550.0 | 5612800.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64460            | 2                   | 5            | 6   | 2              | 2   | 7  | 56  | 1   | 1   | 12 | 3   | 4  | 4   | 537100.0 | 5612850.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64461            | 2                   | 5            | 23  | 4              | 30  | 22 | 4   | 82  | 1   | 1  | 42  | 4  | 5   | 5        | 537375.0  | 5612910.0 | 18  |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64462            | 2                   | 5            | 11  | 2              | 22  | 4  | 3   | 8   | 1   | 1  | 12  | 2  | 2   | 5        | 537250.0  | 5612600.0 | 18  |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64464            | 2                   | 7            | 22  | 5              | 2   | 6  | 16  | 2   | 1   | 16 | 3   | 2  | 2   | 5        | 536950.0  | 5612500.0 | 18  |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64465            | 2                   | 36           | 29  | 10             | 6   | 38 | 161 | 3   | 1   | 96 | 19  | 10 | 10  | 537600.0 | 5612425.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64466            | 2                   | 9            | 95  | 35             | 6   | 6  | 10  | 1   | 1   | 26 | 6   | 10 | 10  | 537775.0 | 5612400.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64467            | 2                   | 5            | 33  | 3              | 3   | 5  | 56  | 1   | 1   | 20 | 9   | 9  | 9   | 537630.0 | 5612200.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64468            | 2                   | 5            | 15  | 3              | 3   | 5  | 7   | 2   | 1   | 12 | 6   | 6  | 6   | 537675.0 | 5612025.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64470            | 2                   | 8            | 3   | 2              | 2   | 5  | 9   | 1   | 1   | 12 | 8   | 4  | 4   | 537950.0 | 5612100.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64472            | 2                   | 5            | 64  | 4              | 3   | 2  | 3   | 1   | 1   | 14 | 8   | 6  | 6   | 537250.0 | 5611800.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64473            | 2                   | 8            | 13  | 5              | 3   | 38 | 85  | 3   | 2   | 42 | 12  | 6  | 6   | 536725.0 | 5611800.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64474            | 2                   | 5            | 22  | 2              | 4   | 2  | 4   | 18  | 2   | 2  | 14  | 3  | 2   | 2        | 536550.0  | 5611150.0 | 18  |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64475            | 2                   | 5            | 29  | 2              | 4   | 21 | 59  | 1   | 1   | 20 | 7   | 4  | 4   | 537000.0 | 5611150.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64476            | 2                   | 5            | 23  | 5              | 2   | 21 | 34  | 2   | 1   | 14 | 3   | 4  | 4   | 536950.0 | 5611450.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64477            | 2                   | 9            | 37  | 24             | 2   | 23 | 43  | 1   | 1   | 62 | 10  | 9  | 9   | 537100.0 | 5611500.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64478            | 2                   | 9            | 18  | 11             | 7   | 43 | 123 | 6   | 1   | 50 | 21  | 7  | 7   | 537250.0 | 5611275.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64479            | 2                   | 8            | 9   | 12             | 8   | 8  | 34  | 1   | 1   | 14 | 5   | 7  | 7   | 537750.0 | 5610650.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64480            | 2                   | 5            | 36  | 5              | 9   | 10 | 8   | 1   | 1   | 12 | 5   | 3  | 3   | 537600.0 | 5610350.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64481            | 2                   | 5            | 10  | 5              | 2   | 5  | 6   | 1   | 1   | 12 | 4   | 2  | 2   | 537750.0 | 5610575.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64482            | 2                   | 8            | 11  | 2              | 2   | 27 | 72  | 2   | 1   | 14 | 3   | 6  | 6   | 537800.0 | 5610800.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64483            | 2                   | 10           | 32  | 2              | 14  | 22 | 29  | 217 | 1   | 1  | 12  | 6  | 6   | 6        | 538000.0  | 5610975.0 | 18  |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64484            | 2                   | 10           | 18  | 6              | 2   | 8  | 187 | 1   | 1   | 12 | 5   | 6  | 6   | 537800.0 | 5611150.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64485            | 2                   | 5            | 17  | 5              | 2   | 19 | 11  | 1   | 1   | 12 | 7   | 7  | 7   | 537700.0 | 5611375.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64486            | 2                   | 5            | 18  | 2              | 2   | 7  | 37  | 1   | 1   | 12 | 2   | 4  | 4   | 537975.0 | 5611350.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64487            | 2                   | 5            | 10  | 3              | 2   | 2  | 4   | 6   | 1   | 1  | 12  | 2  | 3   | 3        | 538300.0  | 5611400.0 | 18  |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64488            | 2                   | 7            | 9   | 2              | 2   | 4  | 19  | 1   | 1   | 12 | 2   | 4  | 4   | 538000.0 | 5611900.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |
| 83-64489            | 2                   | 5            | 9   | 2              | 2   | 4  | 2   | 1   | 1   | 12 | 2   | 3  | 3   | 538325.0 | 5611925.0 | 18        |     |   |     |   |     |   |     |   |     |   |     |   |                        |                         |             |

| MRN                 |                 | ALAIN SIMARD  |              | TROILUS-FROTEL |  | (SO)                   |                         |             |
|---------------------|-----------------|---------------|--------------|----------------|--|------------------------|-------------------------|-------------|
| NUMERO<br>PERMANENT | ELEMENTS<br>PCT | * PF *<br>DPM | * U *<br>PPM | * ZM *<br>PPM  |  | COORDONNEES<br>UTM EST | COORDONNEES<br>UTM NORD | ZONE<br>UTM |
| 83-64300            | 18              | 3             | 12           |                |  | 539740.0               | 5610790.0               | 18          |
| 83-64301            | 54              | 2             | 62           |                |  | 539740.0               | 5610720.0               | 18          |
| 83-64302            | 12              | 4             | 14           |                |  | 536600.0               | 5602675.0               | 18          |
| 83-64303            | 58              | 2             | 28           |                |  | 536475.0               | 5602375.0               | 18          |
| 83-64304            | 10              | 2             | 10           |                |  | 536100.0               | 5601850.0               | 18          |
| 83-64305            | 20              | 1             | 26           |                |  | 535800.0               | 5600975.0               | 18          |
| 83-64306            | 25              | 5             | 14           |                |  | 535400.0               | 5600475.0               | 18          |
| 83-64307            | 11              |               | 12           |                |  | 540000.0               | 5604750.0               | 18          |
| 83-64308            | 30              |               | 10           |                |  | 541150.0               | 5605500.0               | 18          |
| 83-64309            | 10              |               | 6            |                |  | 550375.0               | 5604500.0               | 18          |
| 83-64310            | 5               |               | 16           |                |  | 550075.0               | 5603900.0               | 18          |
| 83-64311            | 7               |               | 12           |                |  | 559650.0               | 5607950.0               | 18          |
| 83-64312            | 7               |               | 24           |                |  | 559575.0               | 5607700.0               | 18          |
| 83-64315            | 10              | 10            | 8            |                |  | 559550.0               | 5607300.0               | 18          |
| 83-64316            | 5               | 16            | 10           |                |  | 559400.0               | 5607050.0               | 18          |
| 83-64317            | 9               |               | 6            |                |  | 559450.0               | 5606025.0               | 18          |
| 83-64330            | 12              |               | 6            |                |  | 542400.0               | 5612900.0               | 18          |
| 83-64331            | 9               |               | 34           |                |  | 537050.0               | 5614875.0               | 18          |
| 83-64332            | 90              |               | 36           |                |  | 536900.0               | 5614200.0               | 18          |
| 83-64333            | 93              |               | 92           |                |  | 541000.0               | 5610900.0               | 18          |
| 83-64334            | 10              |               | 18           |                |  | 542650.0               | 5610925.0               | 18          |
| 83-64335            | 13              |               | 18           |                |  | 543300.0               | 5609475.0               | 18          |
| 83-64336            | 4               |               | 14           |                |  | 537600.0               | 5599025.0               | 18          |
| 83-64337            | 38              |               | 36           |                |  | 537500.0               | 5605600.0               | 18          |
| 83-64338            | 38              |               | 28           |                |  | 537600.0               | 5599150.0               | 18          |
| 83-64339            | 94              |               | 1            | 48             |  | 542075.0               | 5610600.0               | 18          |
| 83-64340            | 37              |               | 52           |                |  | 542550.0               | 5611125.0               | 18          |
| 83-64341            | 95              | 1             | 96           |                |  | 537100.0               | 5606650.0               | 18          |
| 83-64342            | 80              | 8             | 56           |                |  | 542475.0               | 5611700.0               | 18          |
| 83-64343            | 6               | 1             | 22           |                |  | 540725.0               | 5617050.0               | 18          |
| 83-64345            | 11              | 1             | 16           |                |  | 542000.0               | 5616550.0               | 18          |
| 83-64346            | 23              | 1             | 26           |                |  | 537000.0               | 5614650.0               | 18          |
| 83-64347            | 15              | 1             | 18           |                |  | 557550.0               | 5603900.0               | 18          |
| 83-64349            | 13              | 1             | 20           |                |  | 551400.0               | 5614000.0               | 18          |
| 83-64350            | 34              |               | 16           |                |  | 551350.0               | 5603150.0               | 18          |
| 83-64353            | 77              | 1             | 54           |                |  | 547250.0               | 5603925.0               | 18          |
| 83-64354            | 35              | 2             | 24           |                |  | 537550.0               | 5599230.0               | 18          |
| 83-64356            | 48              | 2             | 32           |                |  | 537500.0               | 5599450.0               | 18          |
| 83-64357            | 32              | 2             | 23           |                |  | 537175.0               | 5599975.0               | 18          |
| 83-64358            | 35              |               | 12           |                |  | 539300.0               | 5606500.0               | 18          |
| 83-64359            | 45              | 9             | 16           |                |  | 538125.0               | 5601150.0               | 18          |
| 83-64363            | 10              | 2             | 12           |                |  | 540175.0               | 5610875.0               | 18          |
| 83-64364            | 92              | 2             | 44           |                |  | 540175.0               | 5610575.0               | 18          |
| 83-64365            | 6               | 2             | 10           |                |  | 540125.0               | 5610425.0               | 18          |
| 83-64366            | 20              | 3             | 28           |                |  | 538200.0               | 5609450.0               | 18          |
| 83-64367            | 16              | 2             | 14           |                |  | 538650.0               | 5609300.0               | 18          |
| 83-64368            | 21              |               | 24           |                |  | 539825.0               | 5609200.0               | 18          |
| 83-64369            | 6               | 2             | 28           |                |  | 539825.0               | 5609250.0               | 18          |
| 83-64370            | 26              | 1             | 16           |                |  | 540450.0               | 5609400.0               | 18          |
| 83-64371            | 41              | 2             | 28           |                |  | 541150.0               | 5609000.0               | 18          |
| 83-64372            | 78              | 2             | 32           |                |  | 543225.0               | 5611825.0               | 18          |
| 83-64373            | 96              | 1             | 26           |                |  | 543450.0               | 5612325.0               | 18          |
| 83-64374            | 96              | 2             | 52           |                |  | 543500.0               | 5612625.0               | 18          |
| 83-64375            | 96              | 2             | 46           |                |  | 543600.0               | 5612750.0               | 18          |
| 83-64388            | 81              |               | 22           |                |  | 550275.0               | 5610800.0               | 18          |
| 83-64389            | 25              |               | 12           |                |  | 550350.0               | 5610750.0               | 18          |
| 83-64393            | 65              | 3             | 26           |                |  | 550425.0               | 5610400.0               | 18          |
| 83-64394            | 19              | 1             | 33           |                |  | 550400.0               | 5609025.0               | 18          |
| 83-64395            | 3               | 3             | 16           |                |  | 550600.0               | 5608200.0               | 18          |
| 83-64396            | 28              | 4             | 22           |                |  | 551150.0               | 5608225.0               | 18          |
| 83-64397            | 95              | 2             | 80           |                |  | 550600.0               | 5608050.0               | 18          |
| 83-64398            | 55              | 10            | 20           |                |  | 550000.0               | 5618475.0               | 18          |
| 83-64421            | 24              | 1             | 30           |                |  | 550200.0               | 5608050.0               | 18          |
| 83-64422            | 94              | 2             | 34           |                |  | 535475.0               | 5601350.0               | 18          |
| 83-64423            | 92              | 1             | 46           |                |  | 535520.0               | 5601600.0               | 18          |
| 83-64424            | 24              | 1             | 16           |                |  | 535550.0               | 561875.0                | 18          |
| 83-64425            | 20              | 1             | 16           |                |  | 535575.0               | 5602200.0               | 18          |
| 83-64426            | 65              | 6             | 48           |                |  | 535625.0               | 5602350.0               | 18          |
| 83-64427            | 31              | 1             | 34           |                |  | 535450.0               | 5602800.0               | 18          |
| 83-64429            | 25              | 1             | 64           |                |  | 535025.0               | 5603500.0               | 18          |
| 83-64435            | 9               | 2             | 14           |                |  | 535075.0               | 5604175.0               | 18          |
| 83-64436            | 11              | 2             | 8            |                |  | 5348550.0              | 5611100.0               | 18          |
| 83-64437            | 2               | 1             | 6            |                |  | 534870.0               | 5611200.0               | 18          |
| 83-64438            | 1               | 1             | 6            |                |  | 5348725.0              | 561325.0                | 18          |
| 83-64439            | 1               | 1             | 6            |                |  | 5388825.0              | 5611900.0               | 18          |
| 83-64440            | 10              | 1             | 8            |                |  | 5388800.0              | 5612050.0               | 18          |
| 83-64441            | 6               | 1             | 6            |                |  | 538975.0               | 5612350.0               | 18          |
| 83-64442            | 5               | 1             | 12           |                |  | 539000.0               | 5612850.0               | 18          |
| 83-64443            | 10              | 3             | 12           |                |  | 538550.0               | 5612250.0               | 18          |
| 83-64444            | 7               | 1             | 6            |                |  | 538400.0               | 5612350.0               | 18          |

| NUMERO<br>BADGEQ | MRN       |     |     |     | ALAIN SIMARD |      | TROILUS-FROTET |   | (SO) |      | COORDONNEES |          |             |      |
|------------------|-----------|-----|-----|-----|--------------|------|----------------|---|------|------|-------------|----------|-------------|------|
|                  | ELEMENTS  |     |     |     | *            | P.F. | *              | U | *    | Z.N. | *           | UTM EST  | COORDONNEES | ZONE |
|                  | PERMANENT | PCT | DPM | PPM |              |      |                |   |      |      |             | UTM NORD | UTM         |      |
| 83-64445         | 8         | 2   | 12  |     |              |      |                |   |      |      |             | 538150.0 | 5612650.0   | 18   |
| 83-64446         | 5         | 3   | 10  |     |              |      |                |   |      |      |             | 537750.0 | 5612625.0   | 18   |
| 83-64447         | 16        | 2   | 12  |     |              |      |                |   |      |      |             | 537650.0 | 5612775.0   | 18   |
| 83-64448         | 4         | 1   | 8   |     |              |      |                |   |      |      |             | 537750.0 | 5613050.0   | 18   |
| 83-64449         | 14        | 2   | 12  |     |              |      |                |   |      |      |             | 538000.0 | 5613350.0   | 18   |
| 83-64450         | 8         | 1   | 16  |     |              |      |                |   |      |      |             | 538300.0 | 5613600.0   | 18   |
| 83-64451         | 9         | 2   | 16  |     |              |      |                |   |      |      |             | 537950.0 | 5613700.0   | 18   |
| 83-64452         | 3         | 1   | 6   |     |              |      |                |   |      |      |             | 537775.0 | 5613600.0   | 18   |
| 83-64454         | 3         | 1   | 6   |     |              |      |                |   |      |      |             | 537400.0 | 5613300.0   | 18   |
| 83-64456         | 4         | 1   | 6   |     |              |      |                |   |      |      |             | 537475.0 | 5613175.0   | 18   |
| 83-64457         | 61        | 5   | 4   |     |              |      |                |   |      |      |             | 536950.0 | 5613100.0   | 18   |
| 83-64459         | 0         | 2   | 10  |     |              |      |                |   |      |      |             | 536550.0 | 5612300.0   | 18   |
| 83-64460         | 8         | 4   | 4   |     |              |      |                |   |      |      |             | 537100.0 | 5612850.0   | 18   |
| 83-64461         | 62        | 3   | 10  |     |              |      |                |   |      |      |             | 537375.0 | 5612910.0   | 18   |
| 83-64462         | 6         | 3   | 4   |     |              |      |                |   |      |      |             | 537250.0 | 5612600.0   | 18   |
| 83-64464         | 11        | 3   | 4   |     |              |      |                |   |      |      |             | 536950.0 | 5612500.0   | 18   |
| 83-64465         | 25        | 4   | 24  |     |              |      |                |   |      |      |             | 537400.0 | 5612425.0   | 18   |
| 83-64466         | 97        | 1   | 6   |     |              |      |                |   |      |      |             | 537775.0 | 5612400.0   | 18   |
| 83-64467         | 92        | 4   | 4   |     |              |      |                |   |      |      |             | 537630.0 | 5612200.0   | 18   |
| 83-64468         | 15        | 3   | 4   |     |              |      |                |   |      |      |             | 537675.0 | 5612025.0   | 18   |
| 83-64470         | 4         | 2   | 4   |     |              |      |                |   |      |      |             | 537950.0 | 5612100.0   | 18   |
| 83-64472         | 94        | 2   | 4   |     |              |      |                |   |      |      |             | 537250.0 | 5611800.0   | 18   |
| 83-64473         | 16        | 3   | 10  |     |              |      |                |   |      |      |             | 536725.0 | 5611800.0   | 18   |
| 83-64474         | 27        | 2   | 4   |     |              |      |                |   |      |      |             | 536550.0 | 5611150.0   | 18   |
| 83-64475         | 23        | 3   | 6   |     |              |      |                |   |      |      |             | 537000.0 | 5611050.0   | 18   |
| 83-64476         | 94        | 2   | 6   |     |              |      |                |   |      |      |             | 536950.0 | 5611450.0   | 18   |
| 83-64477         | 38        | 2   | 22  |     |              |      |                |   |      |      |             | 537100.0 | 5611500.0   | 18   |
| 83-64478         | 12        | 2   | 28  |     |              |      |                |   |      |      |             | 537250.0 | 5611275.0   | 18   |
| 83-64479         | 7         | 2   | 4   |     |              |      |                |   |      |      |             | 537150.0 | 5610650.0   | 18   |
| 83-64480         | 4         | 2   | 4   |     |              |      |                |   |      |      |             | 537600.0 | 5610350.0   | 18   |
| 83-64481         | 1         | 1   | 4   |     |              |      |                |   |      |      |             | 537750.0 | 5610575.0   | 18   |
| 83-64482         | 14        | 2   | 6   |     |              |      |                |   |      |      |             | 537800.0 | 5610800.0   | 18   |
| 83-64483         | 80        | 4   | 10  |     |              |      |                |   |      |      |             | 538000.0 | 5610975.0   | 18   |
| 83-64484         | 91        | 3   | 6   |     |              |      |                |   |      |      |             | 537800.0 | 5611150.0   | 18   |
| 83-64485         | 93        | 5   | 6   |     |              |      |                |   |      |      |             | 537700.0 | 5611375.0   | 18   |
| 83-64486         | 54        | 2   | 6   |     |              |      |                |   |      |      |             | 537975.0 | 5611350.0   | 18   |
| 83-64487         | 4         | 2   | 4   |     |              |      |                |   |      |      |             | 538300.0 | 5611400.0   | 18   |
| 83-64488         | 13        | 1   | 4   |     |              |      |                |   |      |      |             | 538000.0 | 5611900.0   | 18   |
| 83-64489         | 1         | 1   | 6   |     |              |      |                |   |      |      |             | 538325.0 | 5611925.0   | 18   |

ANNEXE 2

RENSEIGNEMENTS DE TERRAIN

| BADGEQ   |   |         |                          |      |                          |
|--|---|---------|--------------------------|------|--------------------------|
| ORGANISME MRN  |   | TYPE SO |                          |      |                          |
| GEOCHIMIE-SOLS<br>DEFINITIONS DES DONNEES DE TERRAIN |   |         |                          |      |                          |
| PROF   | PROFONDEUR  | NATU    | NATURE DU RECOUVREMENT   | AGE  | AGE GEOLOGIQUE           |
| (0)  | PAS D'INFORMATION   | RECO    | (0) PAS D'INFORMATION    | GEOL | CODE DU G.S.C.           |
| (1)  | 1 DECIMETRE   | (1)     | ORGANIQUE                |      |                          |
| (12)   | 12 DECIMETRES   | (2)     | ARGILEUX                 |      |                          |
|  |   | (3)     | SILTEUX                  |      |                          |
|  |   | (4)     | SABLONNEUX               | TYPE | TYPE DE ROCHE            |
|  |   | (5)     | GRAVIER ET BLOCS         | ROCH | CODE DU G.S.C.           |
| ZONE   | ZONE DE PRELEVEMENT   |         | (6) MELANGE DE TOUT      |      |                          |
| PREL   | (0) PAS D'INFORMATION   | COUL    | COULEUR DE L'ECHANTILLON | PH   | PH                       |
| (1)  | HORIZON O (ORGANIQUE 30 POURCENT)   | ECH     | (0) PAS D'INFORMATION    | 00.0 | A 14.0                   |
| (2)  | HORIZON AC (ORGANIQUE-MINERAL) A ACCUMULATION MAXIMALE DE MATIERE ORGANIQUE | (1)     | BLANCHATRE               | EH   | EH                       |
| (3)  | MATIERE ORGANIQUE < 30 POURCENT   | (2)     | BEIGE                    |      | EN MILLIVOLTS            |
| (4)  | HORIZON AB (MINERAL LESSIVE)  | (3)     | JAUNE                    |      |                          |
| (5)  | HORIZON BC (ENRICHISSEMENT MAXIMUM)   | (4)     | ORANGE                   |      |                          |
| (6)  | HORIZON BC (TRANSITION)   | (5)     | ROSE OU ROUGE            | NO   | NUMERO D'ECHANTILLONNEUR |
| (7)  | HORIZON C (NON TOUCHE PAR LES PHENOMENES PEDOLOGIQUES)                      | (6)     | BRUN                     | ECHA |                          |
|  |   | (7)     | BRUN FONCE               |      |                          |
|  |   | (8)     | NOIR                     |      |                          |
|  |   | (9)     | GRIS                     | JOUR | JOUR D'ECHANTILLONNAGE   |
| HORIZ  | HORIZON PEDOLOGIQUE   | CONT    | CONTAMINATION            | MOIS | MOIS D'ECHANTILLONNAGE   |
| PEDLG  | (0) PAS D'INFORMATION   | (0)     | PAS D'INFORMATION        |      |                          |
| (1)  | TRES MARQUE   | (1)     | AUCUNE                   |      |                          |
| (2)  | MARQUE  | (2)     | POSSIBLE                 | NOTE | 1=OUI                    |
| (3)  | FAIBLEMENT  | (3)     | PROBABLE                 |      |                          |
| (4)  | NON DISCERNABLE   | (4)     | CERTAIN                  |      |                          |
| DRAI   | DRAINAGE  |         |                          | NO.  | NUMERO DE PROJET         |
| HAGE   | (0) PAS D'INFORMATION   | TYPE    | TYPE DE CONTAMINATION    | PROJ |                          |
| (1)  | TRES BIEN DRAINE  | CONT    | (0) PAS D'INFORMATION    |      |                          |
| (2)  | DRAINE  | (1)     | NON APPLICABLE           |      |                          |
| (3)  | MAL DRAINE  | (2)     | CHAMPS CULTIVES          |      |                          |
| (4)  | MARECAGEUX  | (3)     | INDUSTRIELLE             |      |                          |
| TYPE   | TYPE DE VEGETATION  | (4)     | TRAVAUX DE VOIERIE       |      |                          |
| VEGE   | (0) PAS D'INFORMATION   | (5)     | DEPOTOIR                 |      |                          |
| (1)  | FEUILLUS  | (6)     | FEUX DE FORET            |      |                          |
| (2)  | MIXTE   | (7)     | REBUS METALLIQUES        |      |                          |
| (3)  | CONIFERES   | (8)     | TRAVAUX DE MINES         |      |                          |
| (4)  | TOUNDRA(MOUSSE ET LICHEN)   |         |                          |      |                          |
| DENS   | DENSITE DE VEGETATION   | MINE    | MINERALISATION CONNU     |      |                          |
| VEGE   | (0) PAS D'INFORMATION   | CON     | (0) PAS D'INFORMATION    |      |                          |
| (1)  | TRES DENSE  | (1)     | OUI                      |      |                          |
| (2)  | DENSE   | (2)     | NON                      |      |                          |
| (3)  | EPASSE  |         |                          |      |                          |
| (4)  | TRES EPASSE   |         |                          |      |                          |
| (5)  | CLAIRIERE   | GRAN    | GRANULOMETRIE            |      |                          |
| (6)  | CHAMPS  |         | EN DIZAINE DE POURCENT   |      |                          |
| (7)  | PAS D'ARBRES  | 9=10    |                          |      |                          |

B A D G E O  
ORGANISME MRN TYPE SO

| AN ECHANT | P     | Z   | O  | H   | R    | D   | V   | E    | D    | N    | C    | C   | T     | M    | G    | A    | R    | P    | E    | E     | J    | M | N |
|-----------|-------|-----|----|-----|------|-----|-----|------|------|------|------|-----|-------|------|------|------|------|------|------|-------|------|---|---|
| PRO       | ZONE  | ORI | RA | VE  | DENS | NAT | COU | CONT | TYPE | MINE | GRAN | AGE | ROCH  | PH   | EH   | ECHA | JOUR | MOIS | NOTE | NUMER | PROJ |   |   |
| 83        | 64300 | 1   | 1  | NON | 1    | 3   | 3   | 1    | 8    | 1    | 1    | 1   | 11214 | PERI | 1    | 10   | 6    | 23   |      |       |      |   |   |
| 83        | 64301 | 1   | 1  | NON | 1    | 3   | 5   | 1    | 6    | 1    | 1    | 1   | 82    | PERI | 1    | 10   | 6    | 23   |      |       |      |   |   |
| 83        | 64302 | 1   | 1  | NON | 1    | 3   | 5   | 1    | 6    | 1    | 1    | 1   | 55    | BASA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64303 | 1   | 1  | NON | 1    | 3   | 5   | 1    | 6    | 1    | 1    | 1   | 52    | BASA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64304 | 1   | 1  | NON | 1    | 3   | 5   | 1    | 9    | 1    | 1    | 1   | 55    | BASA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64305 | 1   | 1  | NON | 1    | 3   | 5   | 1    | 8    | 1    | 1    | 1   | 9     | BASA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64306 | 1   | 2  | 1   | 1    | 2   | 3   | 1    | 7    | 1    | 1    | 1   | 91    | BASA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64307 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 8    | 1    | 1    | 1   | 5     | CVBA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64308 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 8    | 1    | 1    | 1   | 4     | AMPH | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64309 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 8    | 1    | 1    | 1   | 5     | BASA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64310 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 8    | 1    | 1    | 1   | 5     | BASA | 1    | 11   | 7    | 23   |      |       |      |   |   |
| 83        | 64311 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | BASA | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64312 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 9    | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64313 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 81   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64314 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 0    | 0   | 0     | 81   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64315 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 0    | 0   | 0     | 81   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64316 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64317 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64318 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64319 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64320 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64321 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64322 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64323 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64324 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64325 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64326 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64327 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64328 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64329 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64330 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64331 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64332 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64333 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64334 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64335 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64336 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64337 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64338 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64339 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64340 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64341 | 2   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64342 | 1   | 1  | 1   | 1    | 1   | 2   | 1    | 1    | 4    | 1    | 1   | 1     | 55   | GRAN | 1    | 11   | 7    | 23   |       |      |   |   |
| 83        | 64343 | 1   | 2  | 0   | 1    | 3   | 1   | 1    | 8    | 1    | 0    | 0   | 82    | PERI | 1    | 21   | 6    | 23   |      |       |      |   |   |
| 83        | 64344 | 1   | 2  | 0   | 1    | 3   | 1   | 1    | 8    | 1    | 0    | 0   | 82    | PERI | 1    | 21   | 6    | 23   |      |       |      |   |   |
| 83        | 64345 | 1   | 2  | 0   | 1    | 3   | 1   | 1    | 8    | 1    | 0    | 0   | 82    | PERI | 1    | 21   | 6    | 23   |      |       |      |   |   |
| 83        | 64346 | 1   | 2  | 0   | 1    | 3   | 1   | 1    | 8    | 1    | 0    | 0   | 82    | PERI | 1    | 21   | 6    | 23   |      |       |      |   |   |
| 83        | 64347 | 1   | 2  | 0   | 1    | 3   | 1   | 1    | 8    | 1    | 0    | 0   | 82    | PERI | 1    | 21   | 6    | 23   |      |       |      |   |   |
| 83        | 64348 | 1   | 2  | 0   | 1    | 3   | 1   | 1    | 8    | 1    | 0    | 0   | 82    | PERI | 1    | 21   | 6    | 23   |      |       |      |   |   |
| 83        | 64349 | 1   | 3  | 1   | 1    | 1   | 5   | 1    | 1    | 3    | 6    | 0   | 9     | 1    | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64350 | 1   | 2  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 0   | 0     | 7    | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64351 | 1   | 2  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 0   | 0     | 8    | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64352 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64353 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64354 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64355 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64356 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64357 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64358 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64359 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64360 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64361 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64362 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64363 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64364 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64365 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64366 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64367 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64368 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64369 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64370 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64371 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64372 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64373 | 1   | 1  | 1   | 1    | 1   | 5   | 1    | 4    | 0    | 1    | 1   | 1     | 91   | GRAN | 1    | 18   | 7    | 23   |       |      |   |   |
| 83        | 64374 | 1   | 2  | 0   | 2    | 2   | 5   | 1    | 7    | 1    | 1    | 2   | 82    | GRAN | 1    | 18   | 7    | 23   |      |       |      |   |   |
| 8         |       |     |    |     |      |     |     |      |      |      |      |     |       |      |      |      |      |      |      |       |      |   |   |

| AN ECHANT | PROF | ZONE | HORI | DRA | VEGE | DENS | NAT | COU | CONT | TYPE | MINE | GRAN | AGE | ROCH | BADGE |   | ORGANISME | MRN | TYPE | SO | PH | EH | ECHA | JOUR | MOIS | NOTE | NUMER PROJ |
|-----------|------|------|------|-----|------|------|-----|-----|------|------|------|------|-----|------|-------|---|-----------|-----|------|----|----|----|------|------|------|------|------------|
|           |      |      |      |     |      |      |     |     |      |      |      |      |     |      | P     | H |           |     |      |    |    |    |      |      |      |      |            |
| 83 64461  | 4    | 2    | 4    | 2   | 3    | 3    | 1   | 8   | 1    | 1    | 2    | 1    | 8   | GABB |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64462  | 4    | 4    | 2    | 2   | 3    | 2    | 1   | 6   | 1    | 1    | 2    | 46   | 1   | GABA |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64464  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 45   | 1   | TUFF |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64465  | 4    | 4    | 4    | 2   | 4    | 2    | 1   | 4   | 1    | 1    | 1    | 55   | 9   | TUFF |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64466  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 7   | 1    | 1    | 2    | 7    | 3   |      |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64467  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 8    |     |      |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64468  | 4    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 62   |     |      |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64470  | 4    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 22   | 6   |      |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64472  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 7   | 1    | 1    | 2    | 22   | 6   | GABB |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64473  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 7   | 1    | 1    | 2    | 22   | 6   | GABB |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64474  | 4    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 1315 |     |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64475  | 6    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 18   | 1   | GABB |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64476  | 6    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 22   | 6   | GABB |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64477  | 6    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 2    | 6   | GABB |       |   |           |     |      |    | 1  | 18 |      | 8    |      |      |            |
| 83 64478  | 1    | 4    | 4    | 2   | 4    | 2    | 6   | 4   | 1    | 1    | 2    | 46   |     |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64479  | 2    | 4    | 4    | 2   | 4    | 2    | 1   | 1   | 1    | 1    | 2    | 361  |     |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64480  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 1   | 1    | 1    | 2    | 37   |     |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64481  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 1   | 1    | 1    | 2    | 37   |     |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64482  | 5    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 62   | 2   |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64483  | 6    | 4    | 4    | 2   | 4    | 2    | 1   | 7   | 1    | 1    | 2    | 1    | 9   |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64484  | 6    | 4    | 4    | 2   | 4    | 2    | 1   | 7   | 1    | 1    | 2    | 11   | 9   |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64485  | 6    | 4    | 4    | 2   | 4    | 2    | 1   | 6   | 1    | 1    | 2    | 2    | 8   |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64486  | 6    | 4    | 4    | 2   | 4    | 2    | 1   | 7   | 1    | 1    | 2    | 2    | 9   | 1    |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64487  | 11   | 13   | 1    | 4   | 2    | 2    | 1   | 2   | 1    | 1    | 2    | 2    | 9   | 1    |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64488  | 15   | 13   | 1    | 4   | 2    | 2    | 1   | 7   | 1    | 1    | 2    | 4    | 6   |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |
| 83 64489  | 25   | 13   | 1    | 4   | 2    | 2    | 1   | 1   | 1    | 1    | 2    | 4    | 6   |      |       |   |           |     |      | 1  | 18 |    | 8    |      |      |      |            |

ANNEXE 3

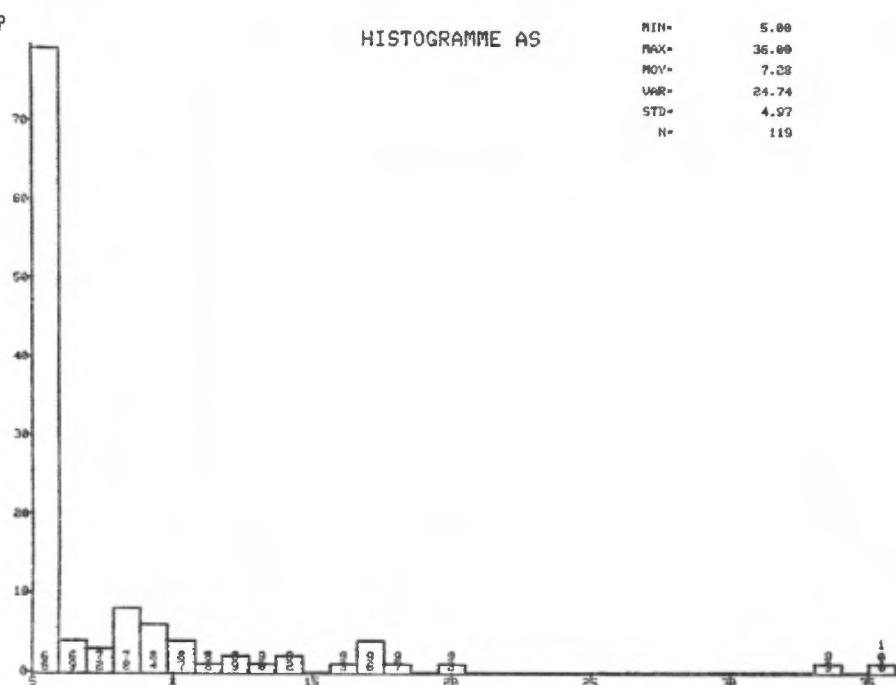
HISTOGRAMMES AVEC STATISTIQUES DE BASE  
ET CARTES GÉOCHIMIQUES POUR

As, Ba, Cu, Co, Cr, Fe, Li,  
Mn, Ni, Pb, PF, U et Zn

N.B.: L'échelle des cartes géochimiques est approximativement de  
1:154 000.

HISTOGRAMME AS

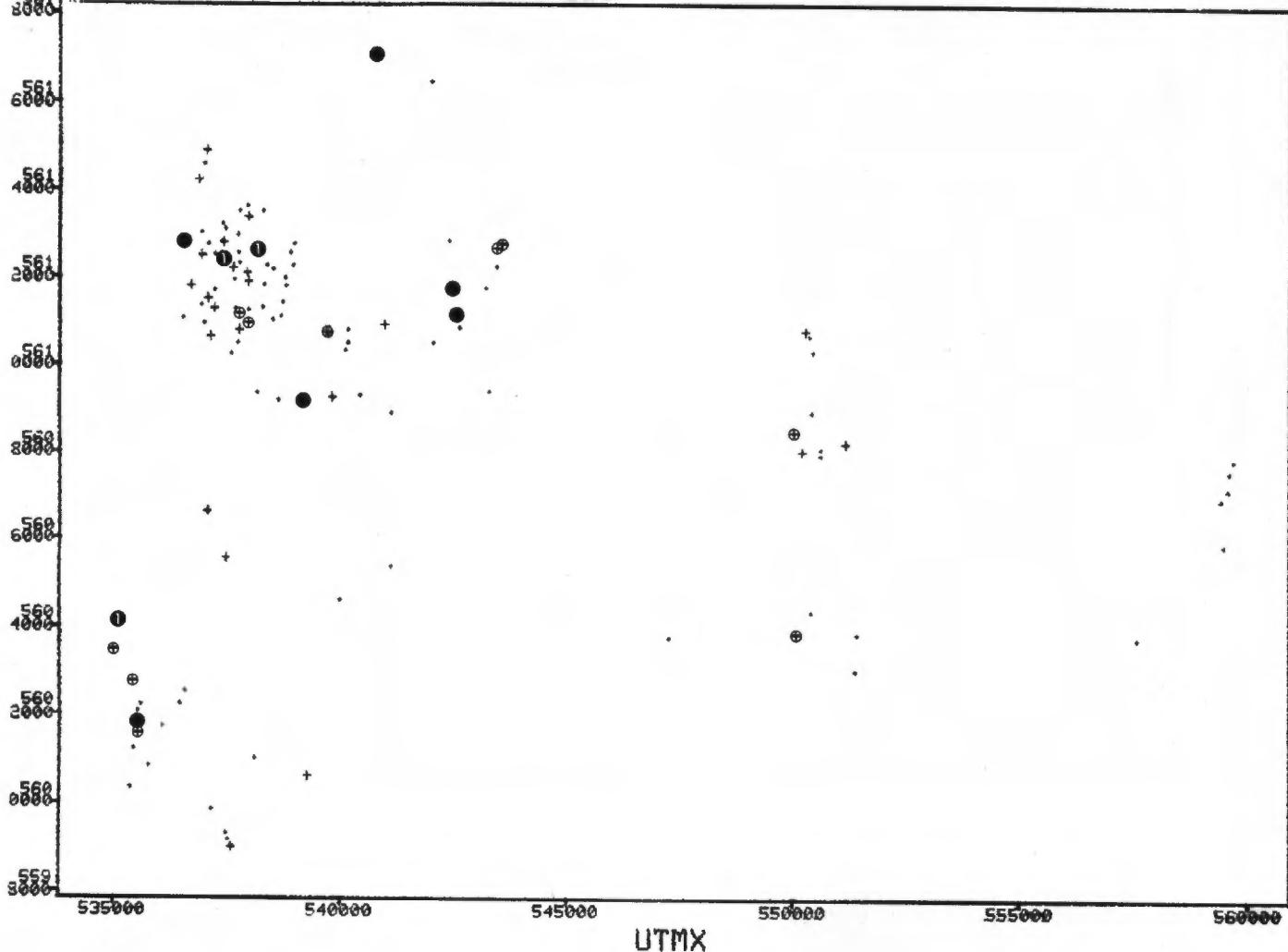
MIN= 5.00  
MAX= 36.00  
MOY= 7.28  
VNR= 24.74  
STD= 4.97  
N= 119



?UTMY

NIVEAU # 1

N = 120



HISTOGRAMME BA

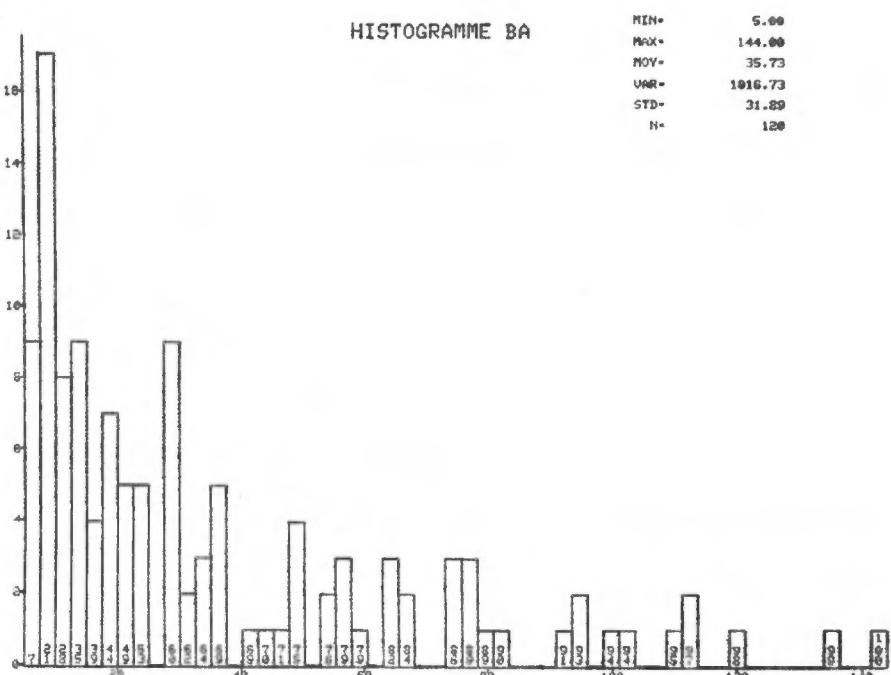
MIN= 5.00  
MAX= 144.00  
MOY= 35.73  
VNR= 1016.73  
STD= 31.89  
N= 120

BA

TENEURS

(ppm)

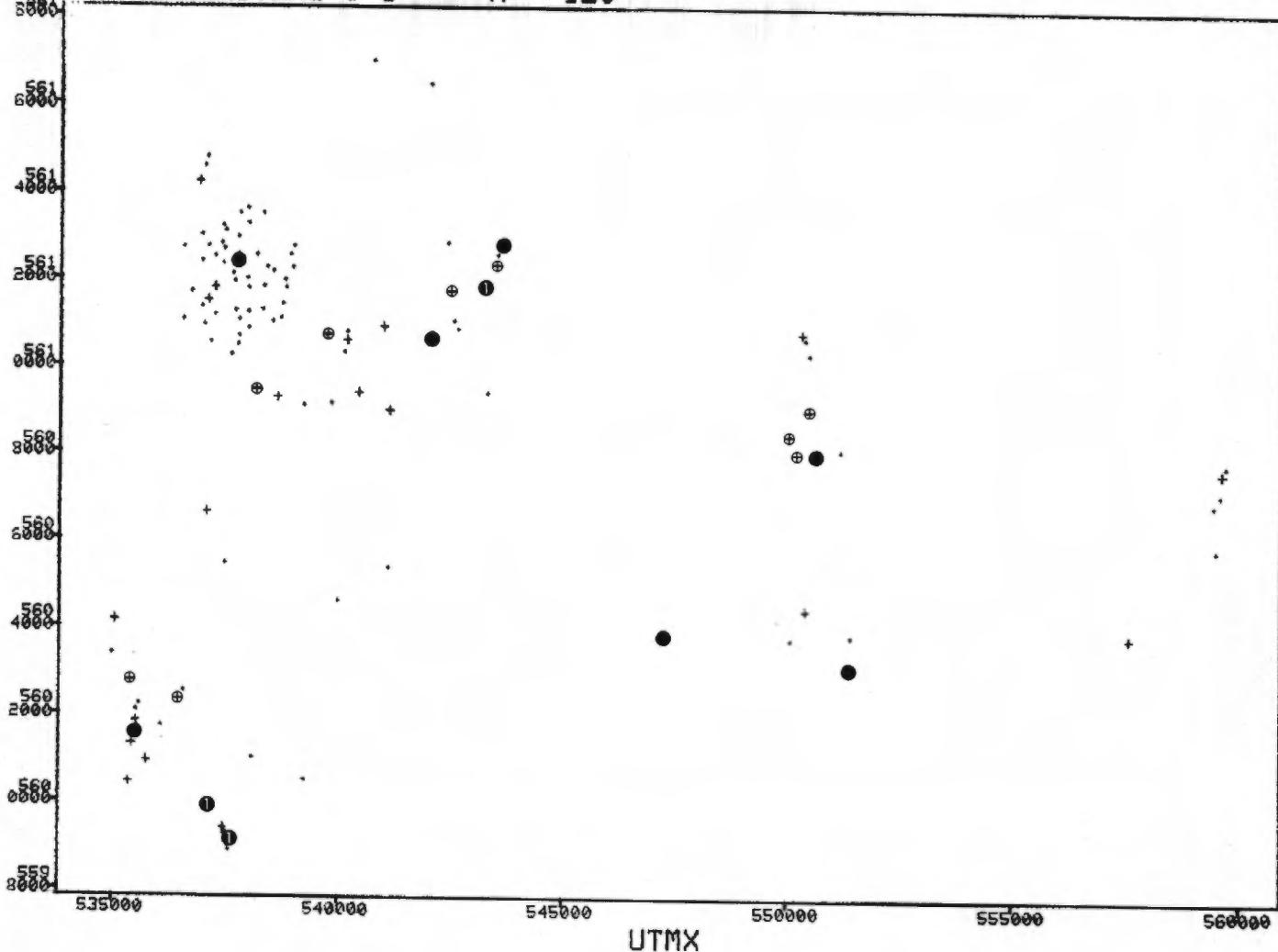
0-36 +  
37-68 +  
69-93 ⊕  
94-113 ●  
114-226 ⊖

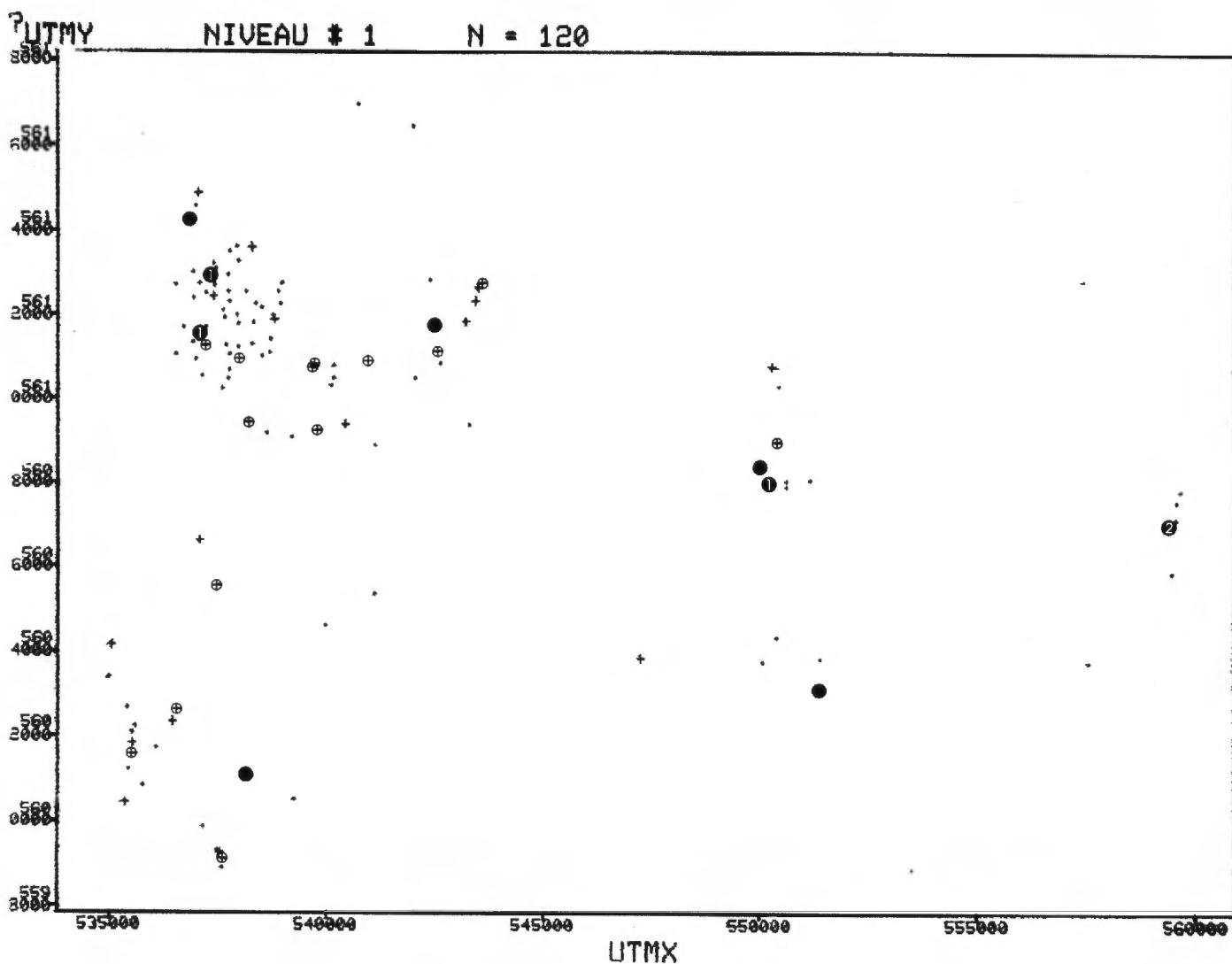
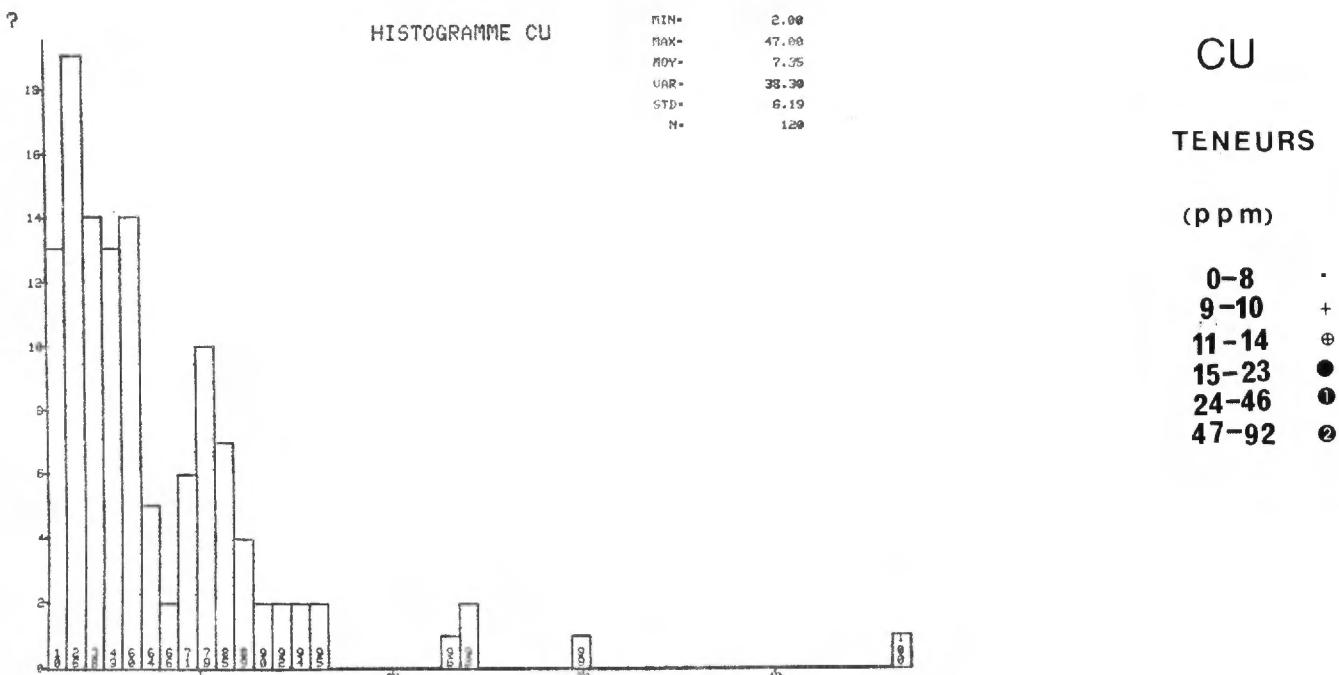


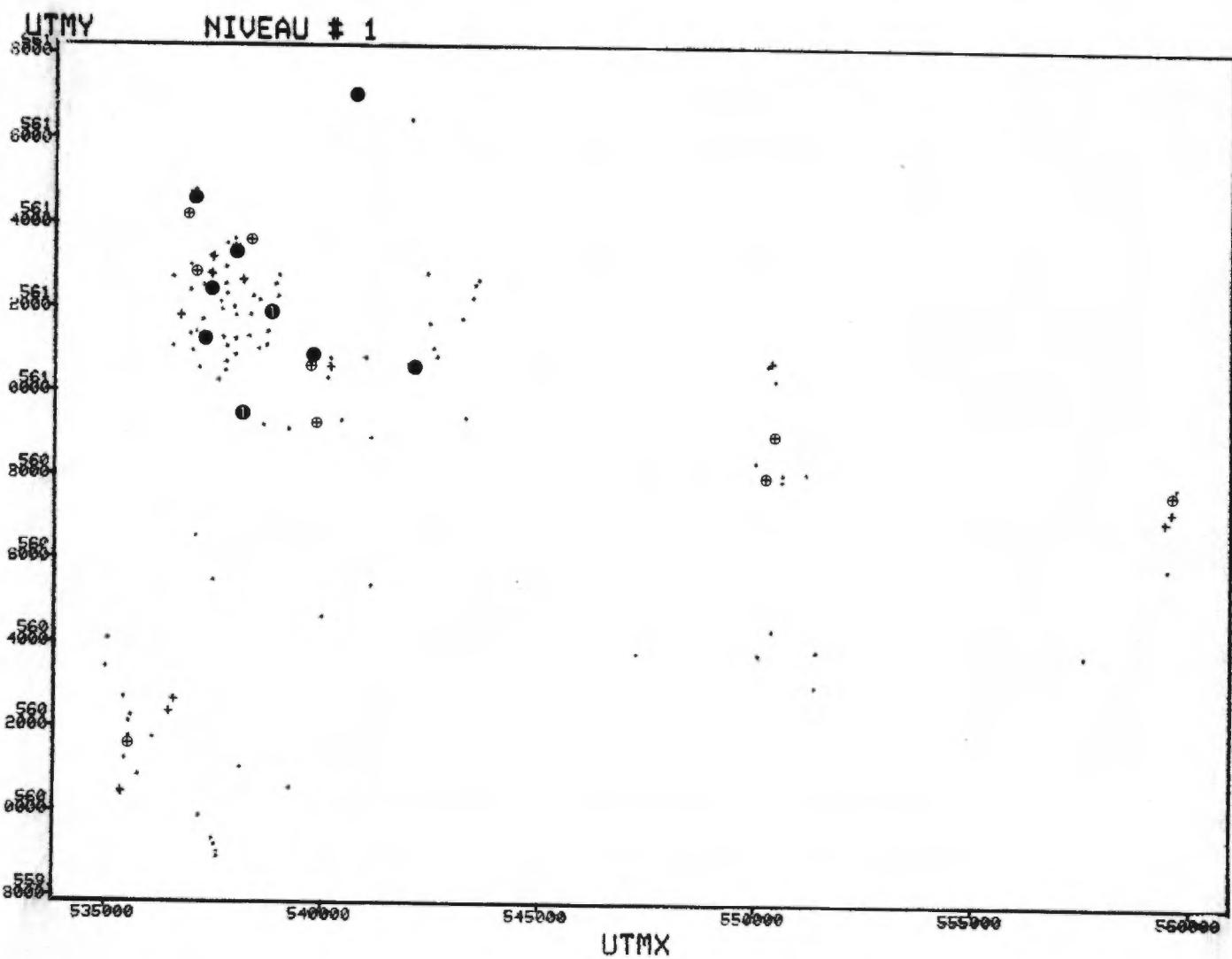
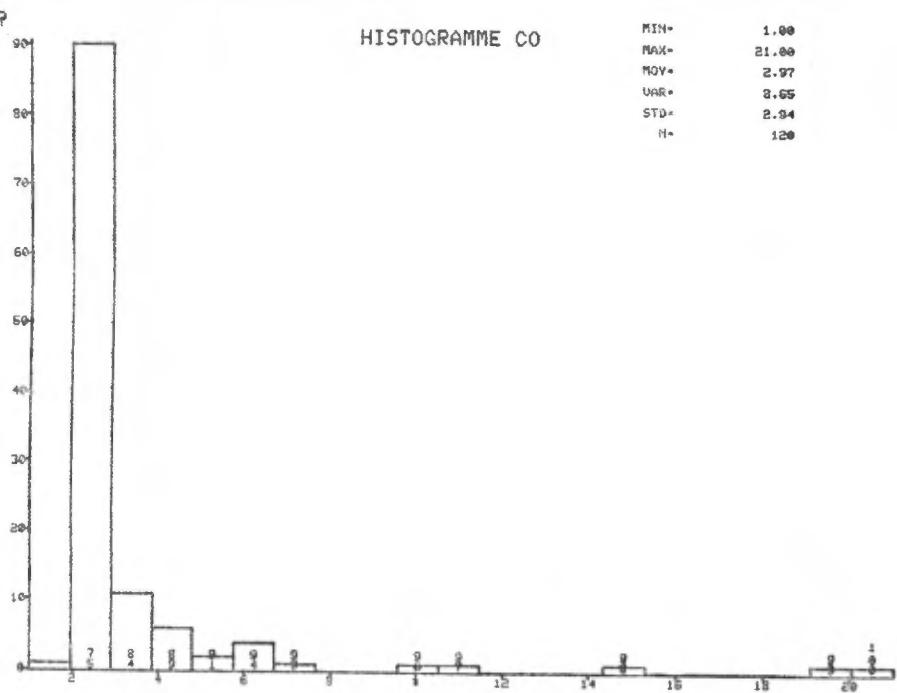
?UTMY

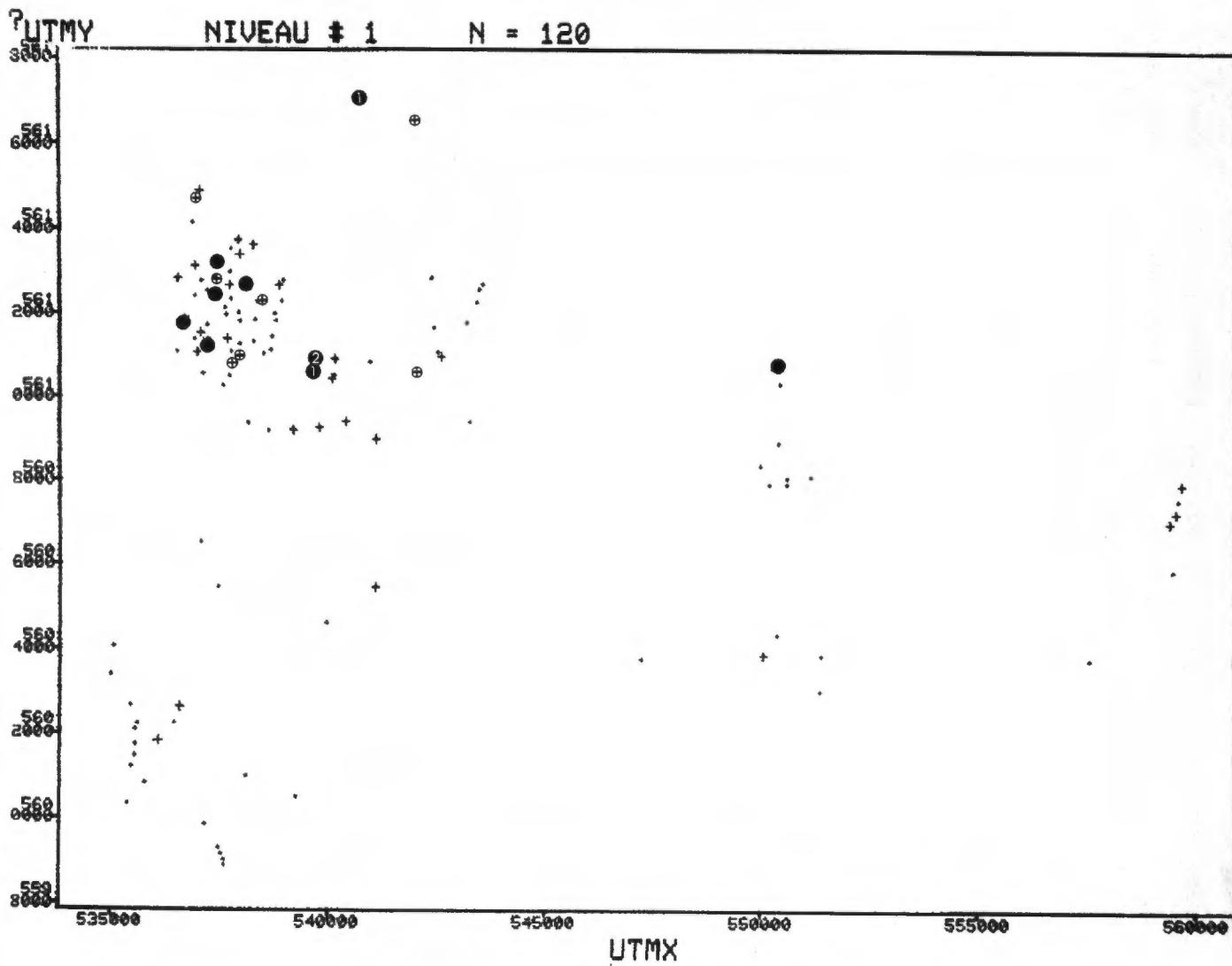
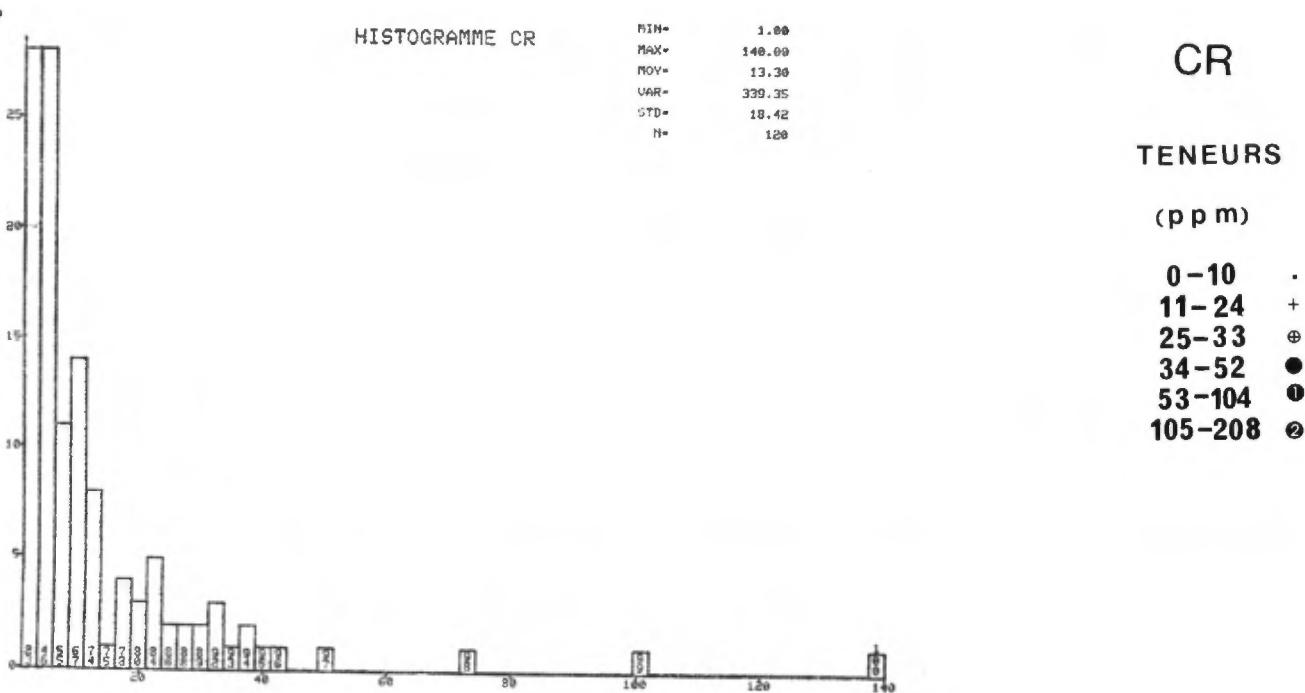
NIVEAU # 1

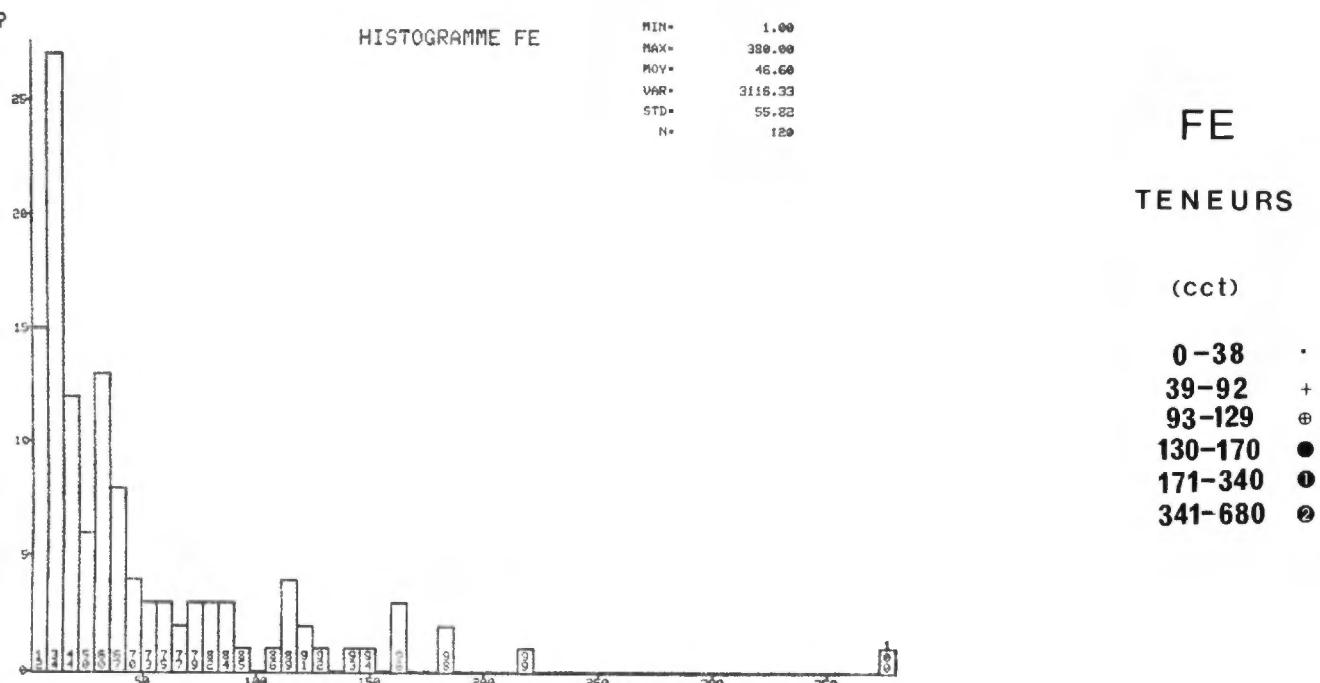
N = 120











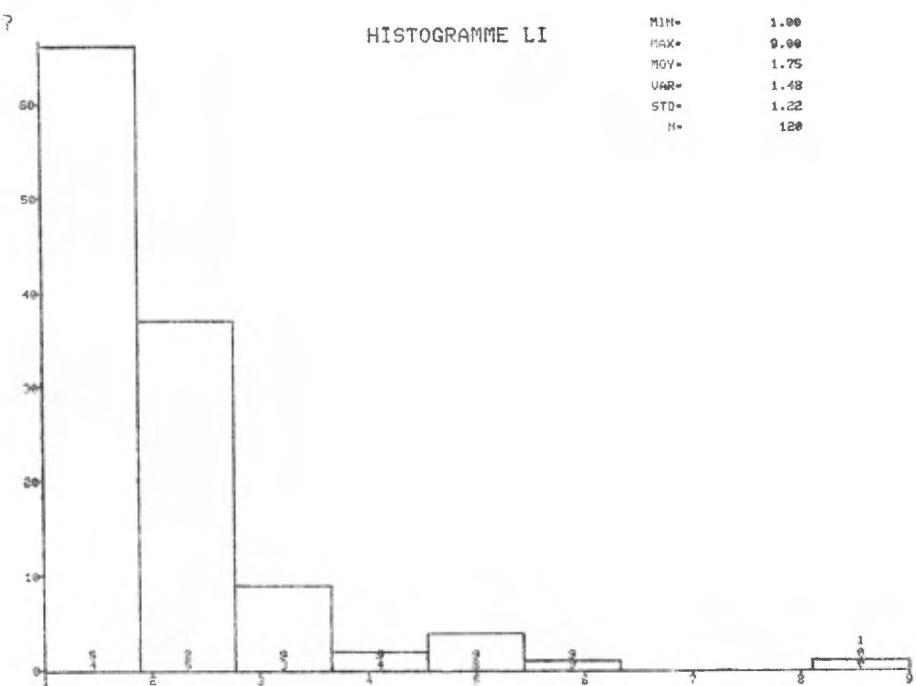
LI  
TENEURS

(ppm)

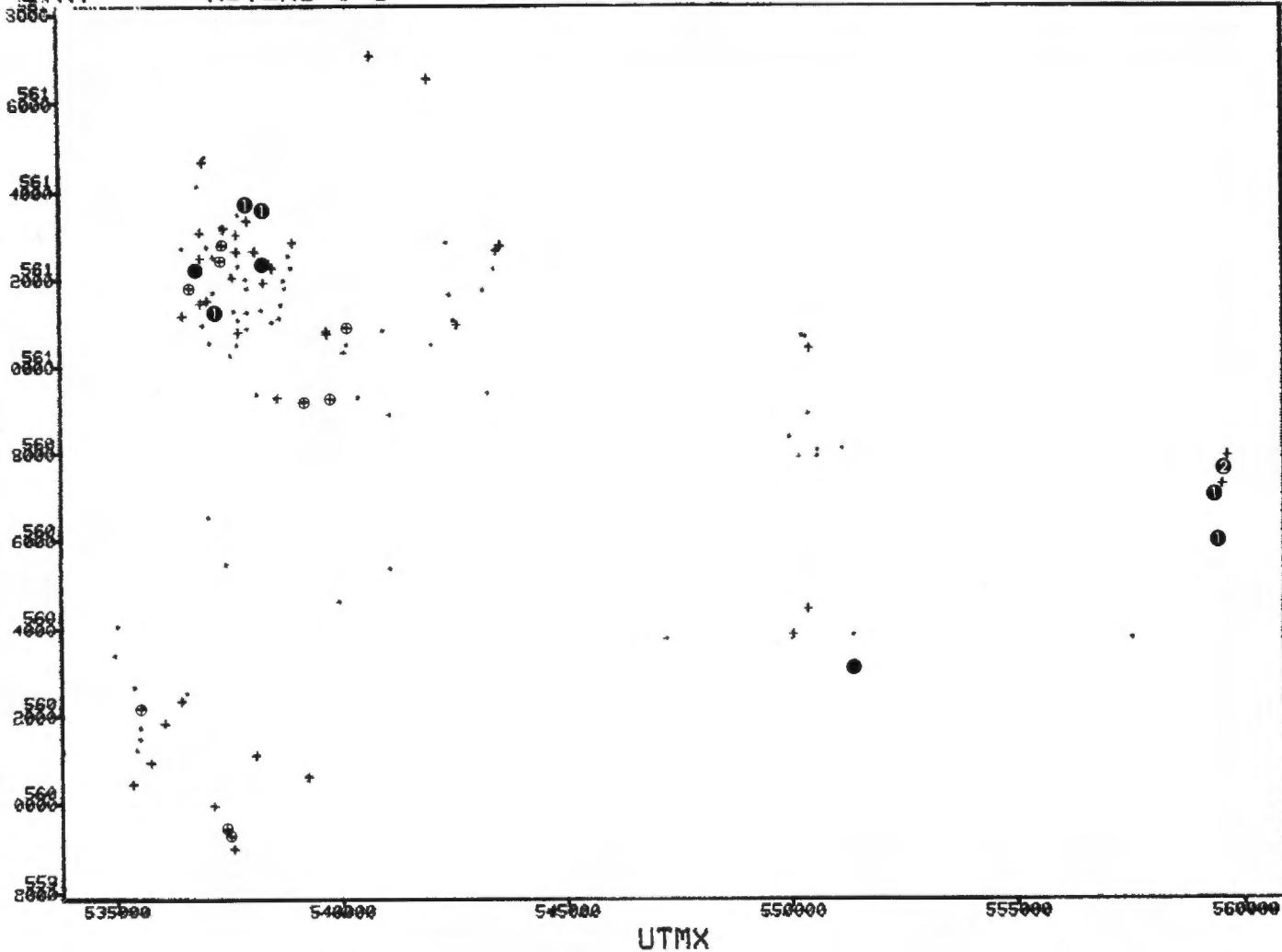
|      |   |
|------|---|
| 0-1  | . |
| 2-2  | + |
| 3-3  | ⊕ |
| 4-4  | ● |
| 5-8  | ① |
| 9-16 | ② |

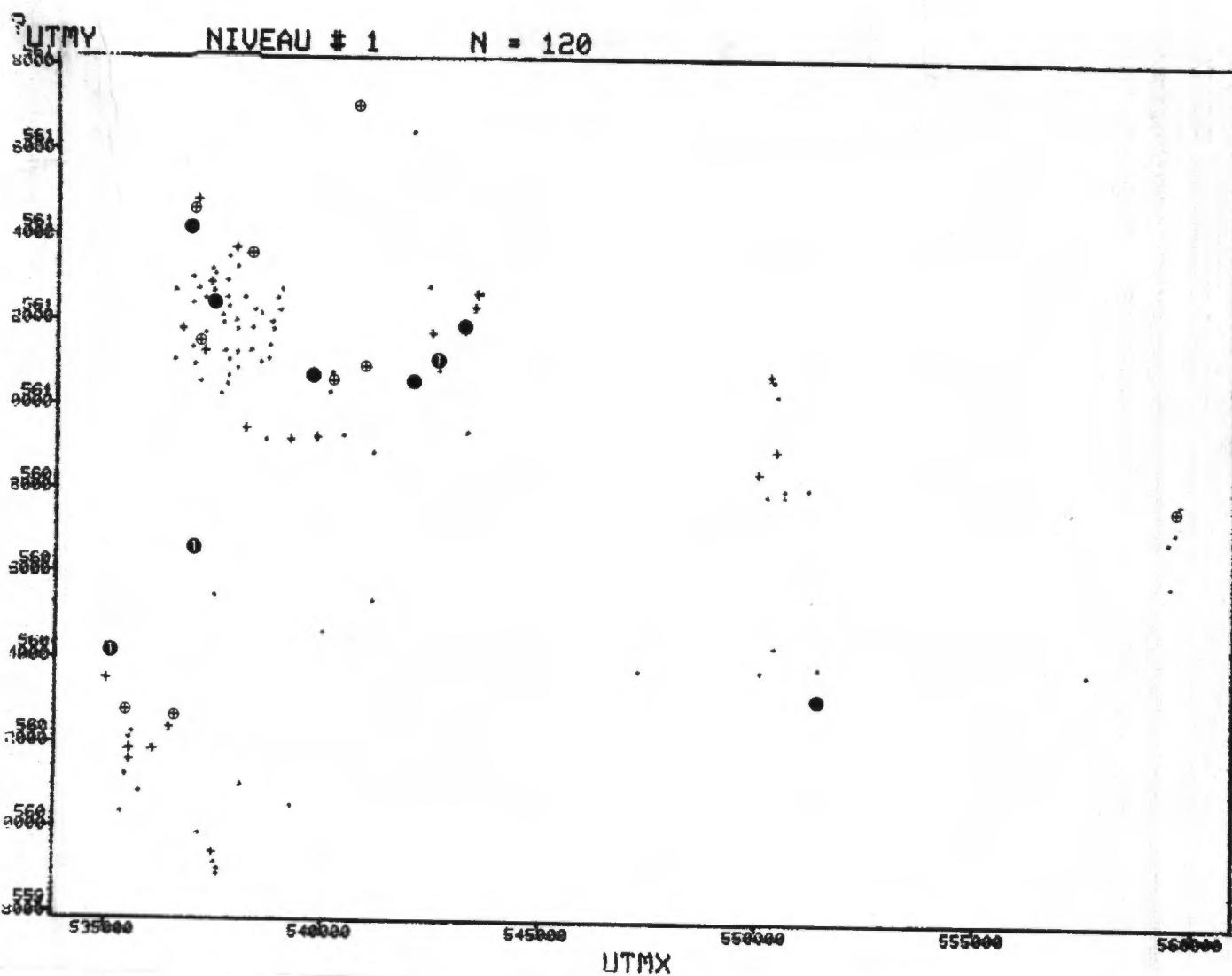
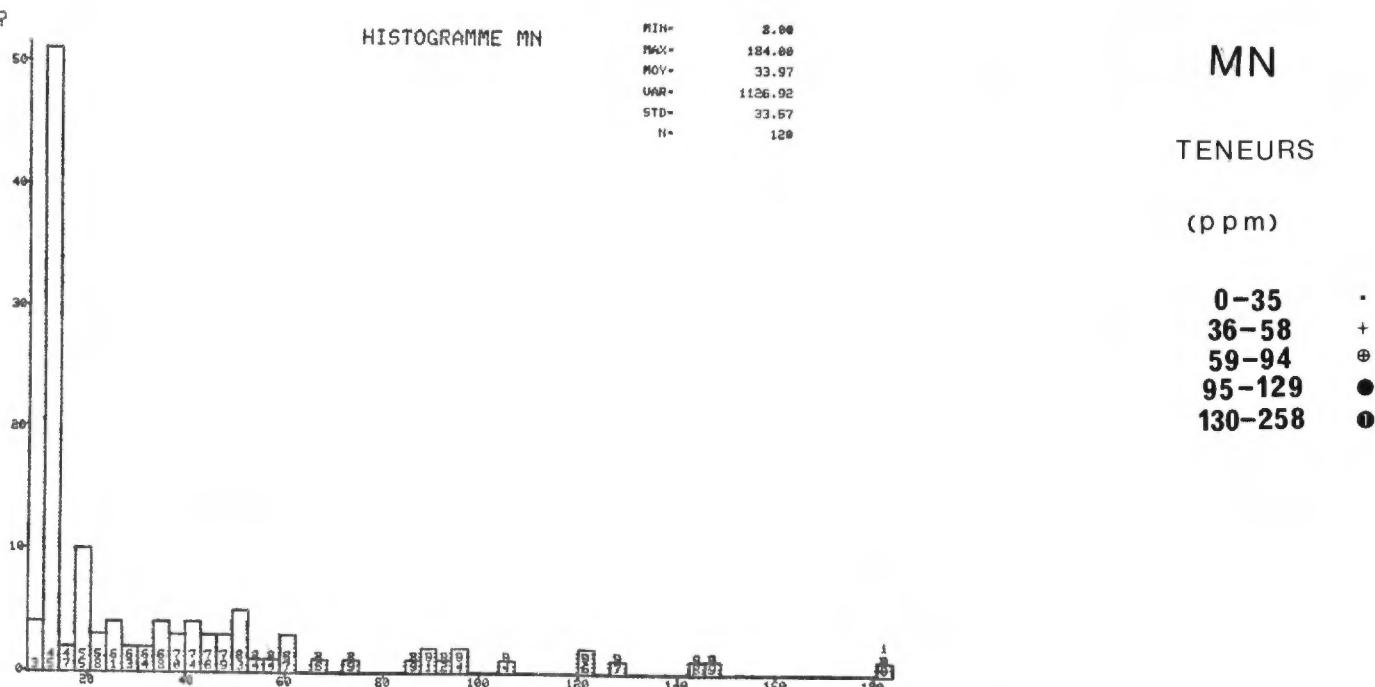
HISTOGRAMME LI

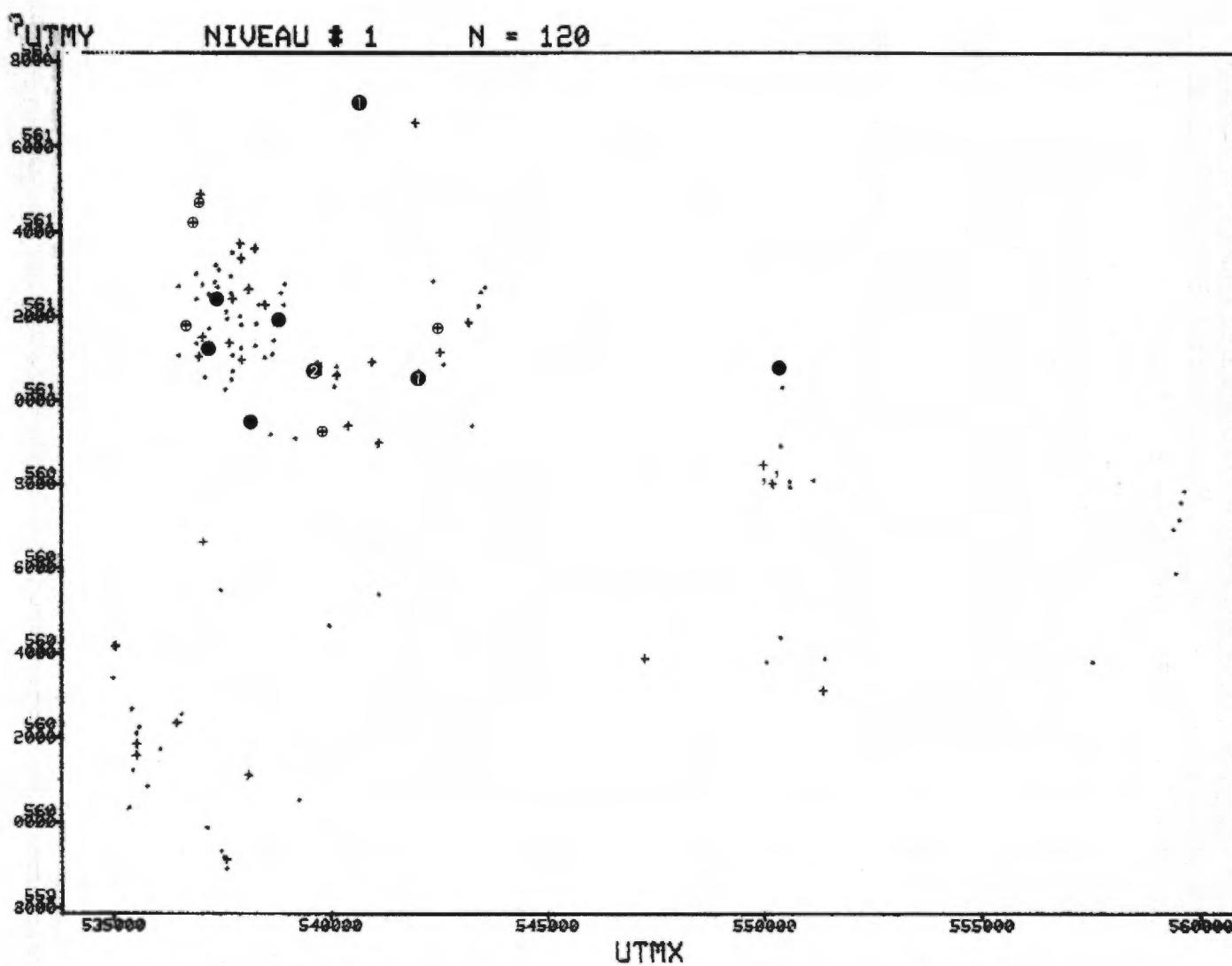
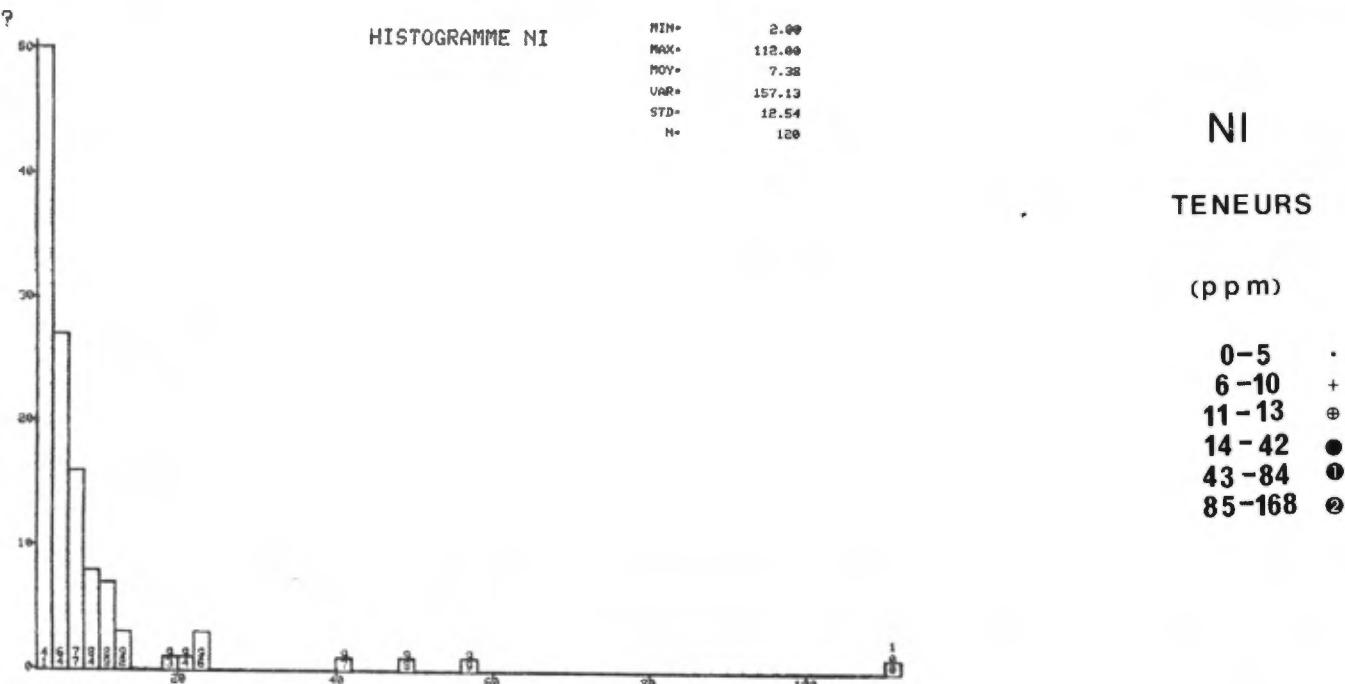
MIN= 1.00  
MAX= 9.00  
MOY= 1.75  
VAR= 1.48  
STD= 1.22  
N= 120

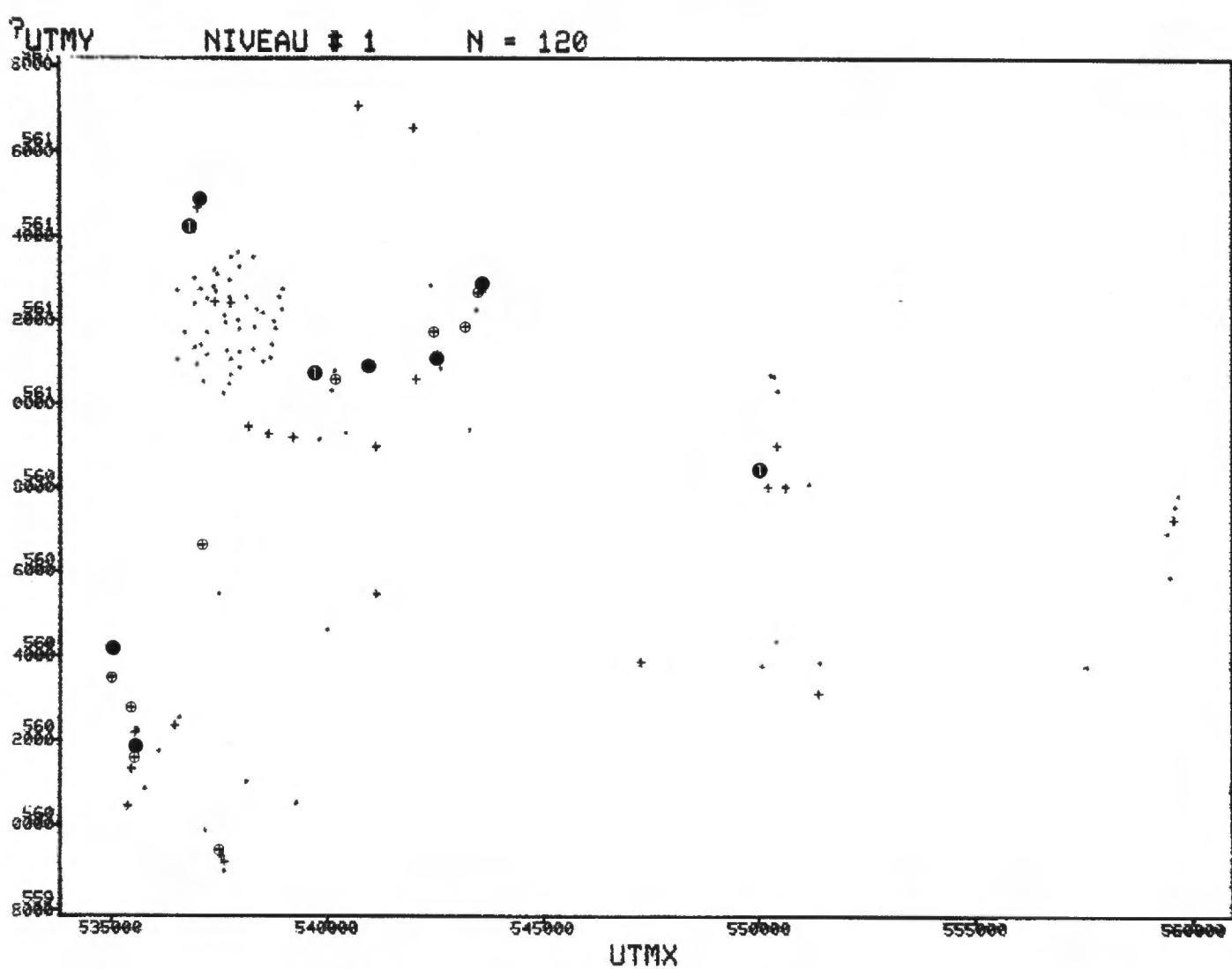
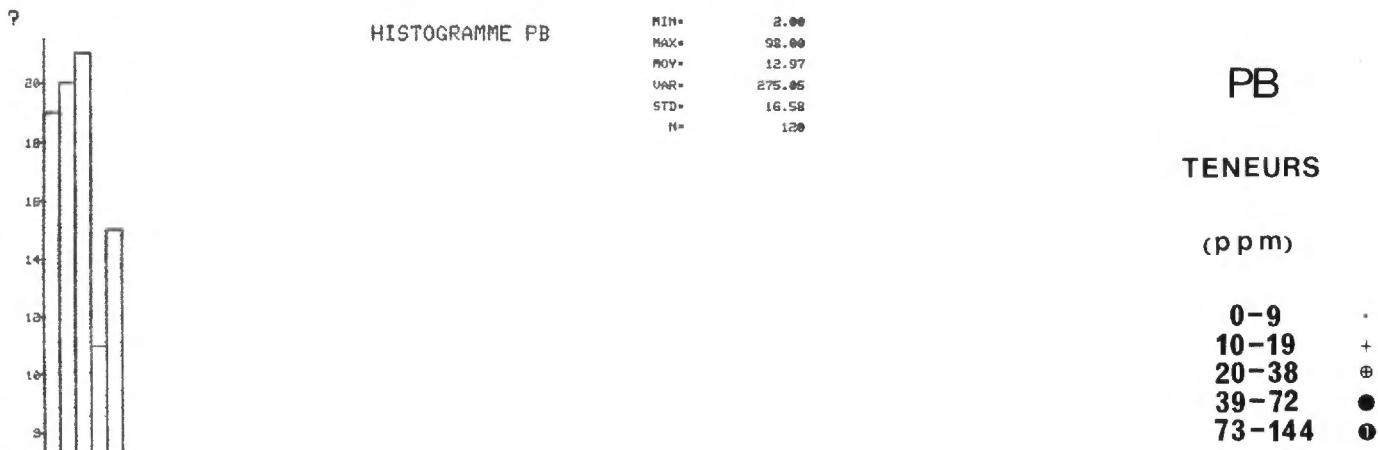


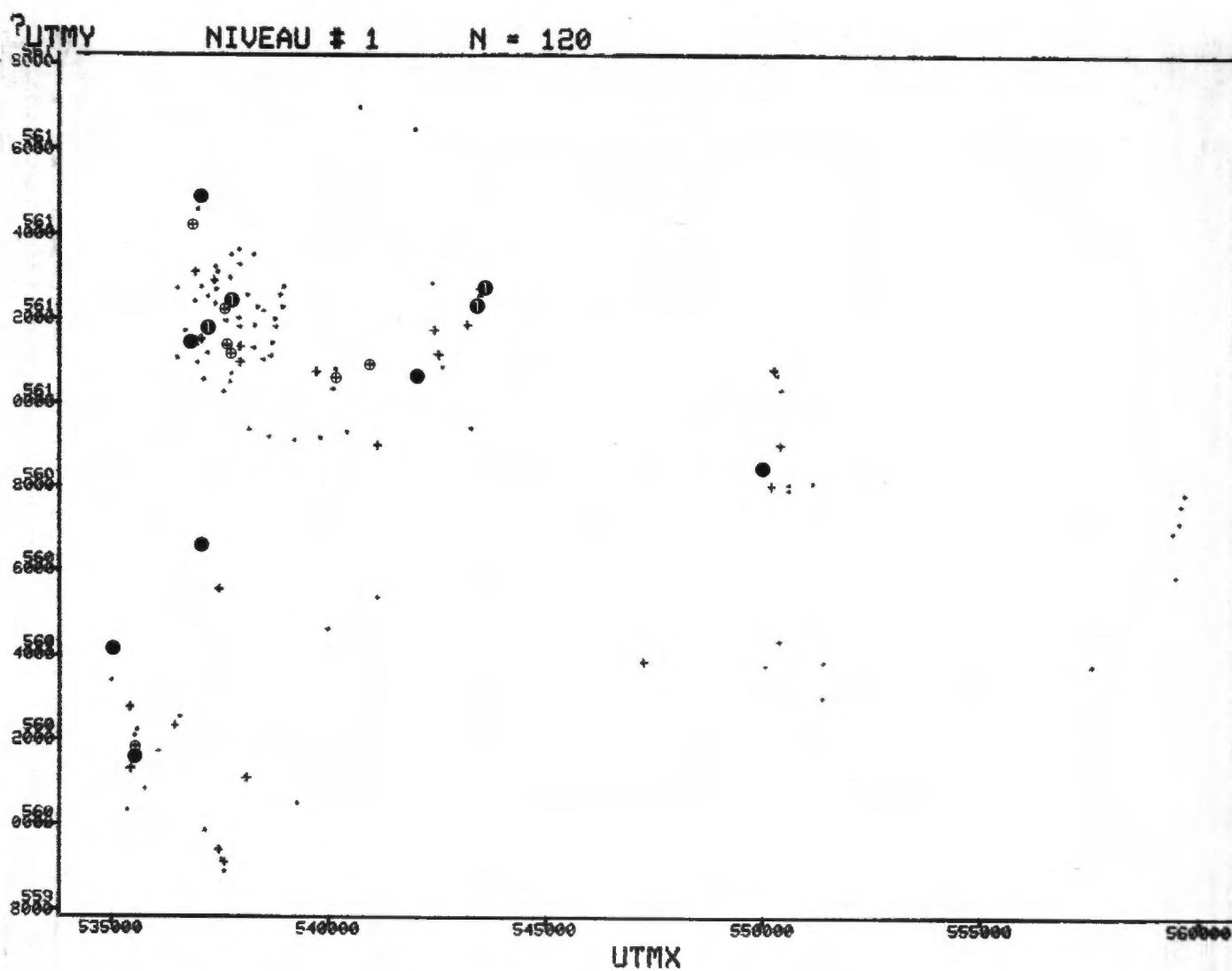
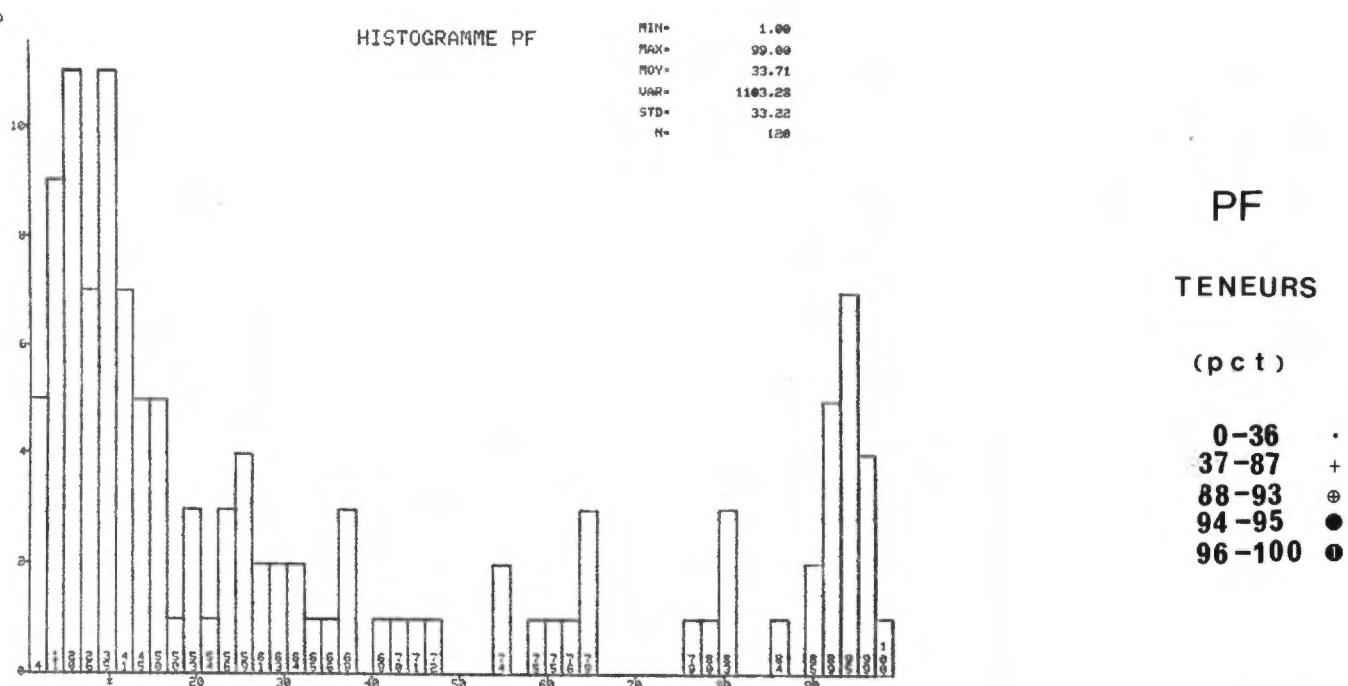
?UTMY NIVEAU # 1 N = 120





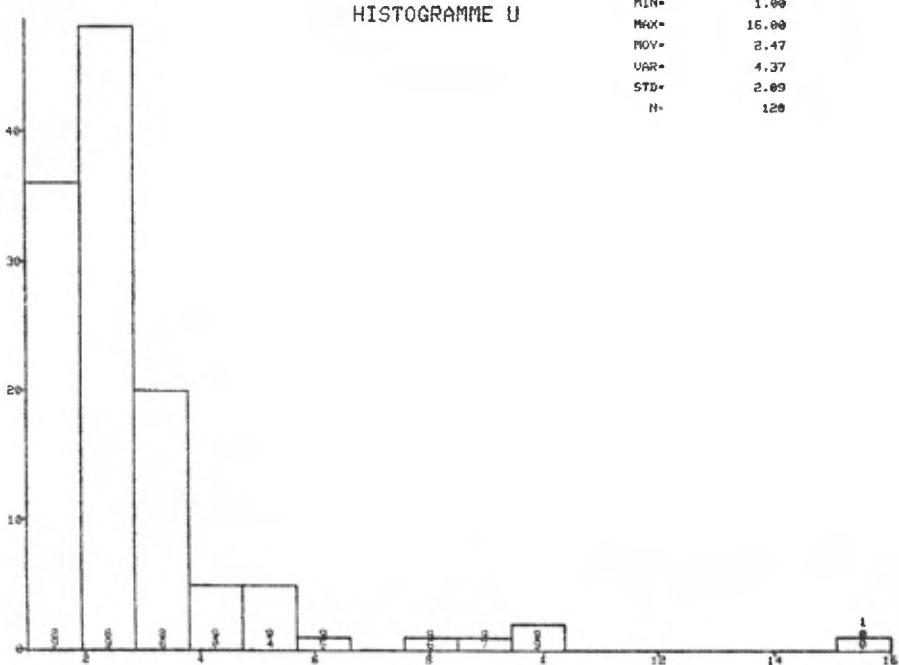






HISTOGRAMME U

MIN= 1.00  
MAX= 16.00  
MOY= 2.47  
VAR= 4.37  
STD= 2.09  
N= 120



U

TENEURS

(d p m)

0-2 .  
3-3 +  
4-4 ⊕  
5-9 ●  
10-18 ○

