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GEOCHIMIE DES SOLS DE LA REGION DE LA RIVIERE REBOUL - GASPESIE

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SÉRIE DES MANUSCRITS BRUTS

Géochimie des sols de la région de la rivière Reboul – Gaspésie –

François Kirouac

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INTRODUCTION

Durant l'été de 1980, un levé géochimique de sols fut effectué par la firme Amtec Inc. pour le service des Programmes d'Exploration du MER. Ce levé fut effectué dans la région de la Rivière Reboul à quelque 40 kilomètres au nord-ouest de Bonaventure en Gaspésie.

Le but du levé était de définir plus précisément une anomalie en cuivre, zinc, plomb, argent et arsenic, mise à jour lors d'un levé de sédiments de ruisseau (Choinière, 1981) effectué en 1979 (figure 1).

La région échantillonnée se situe entre les latitudes 48°22'00" et 48°22'54" et les longitudes 65°26'00" et 65°28'20" (fig. 2).

Un total de six cent quatre-vingt-cinq (685) échantillons furent prélevés sur une superficie de 4,5 kilomètres carrés, soit une densité moyenne de 152 échantillons au kilomètre carré (voir carte de localisation jointe au présent rapport). Ces échantillons ont été prélevés à intervalle de 50 mètres le long de lignes espacées de 100 mètres entre elles.

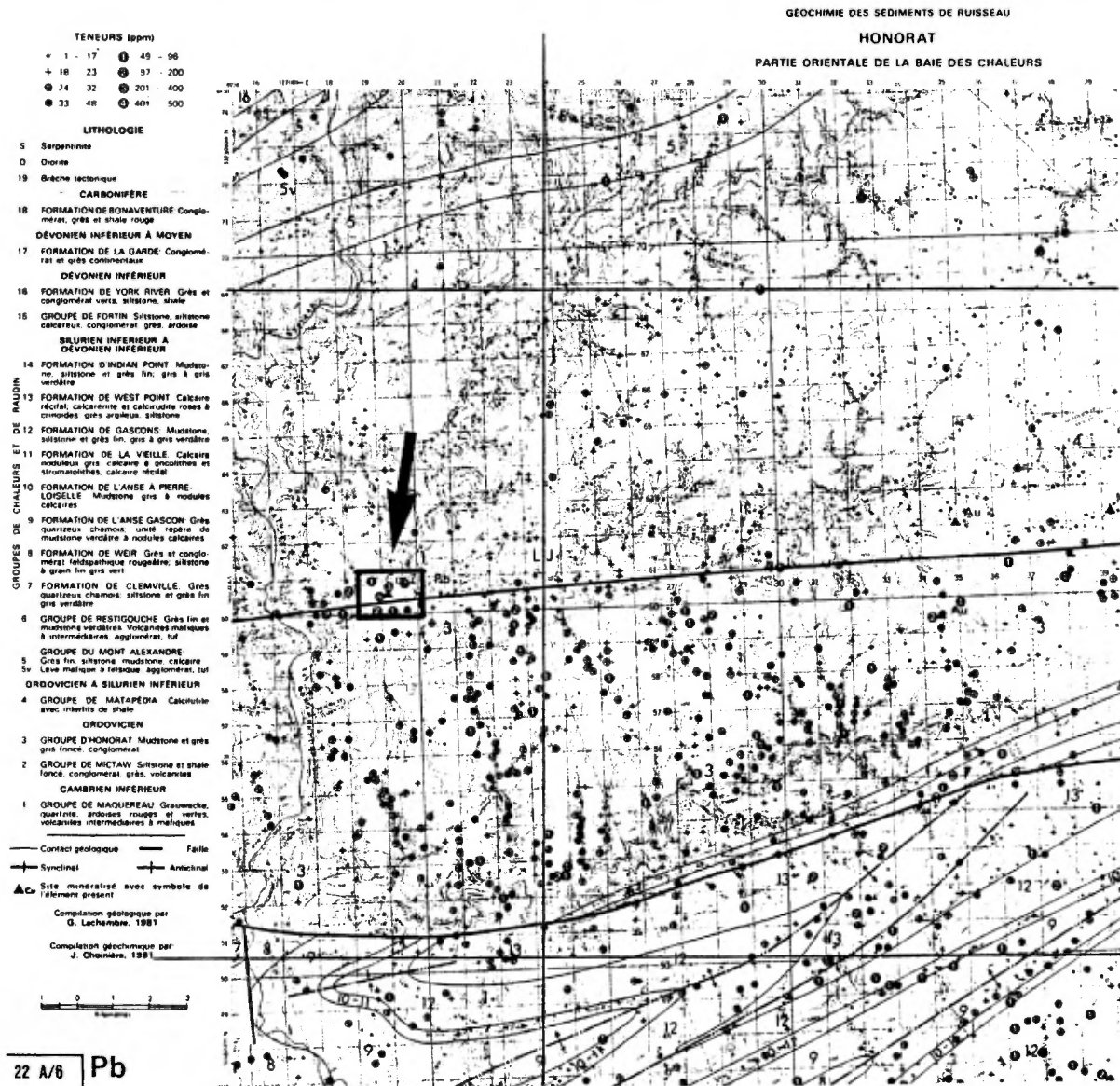
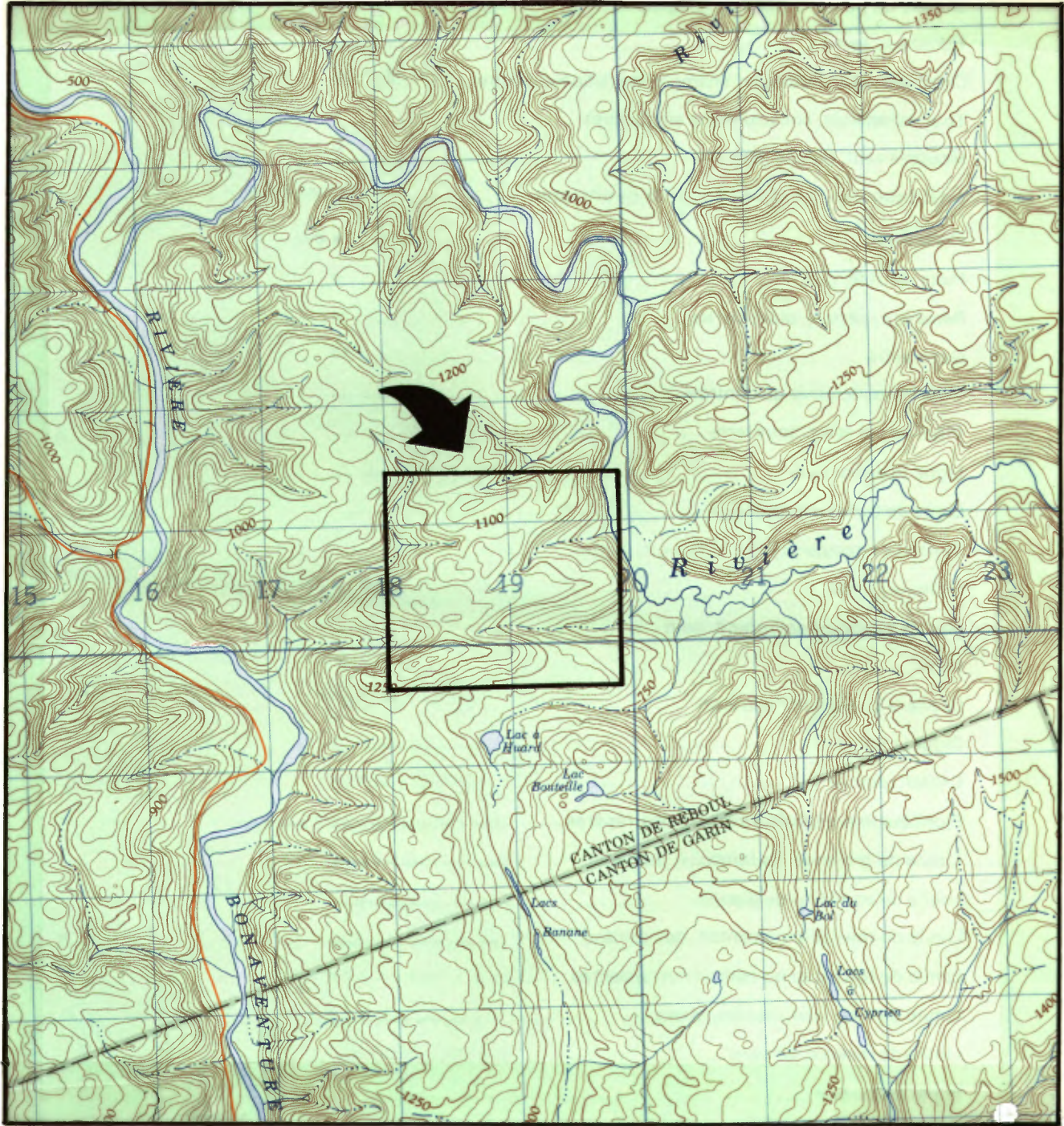


Figure 1: Anomalie ayant conduit à l'échantillonnage plus détaillé en sols.

65°30'00"
48°25'00"

65°23'00"
48°25'00"



48°20'00"
65°30'00"

48°20'00"
65°23'00"

Echelle



Figure 2: Localisation de la région échantillonnée.

ANALYSES

Les échantillons furent tamisés à moins 177 microns et ils furent analysés par la compagnie Chimitec Ltée pour les éléments suivants: argent, cobalt, chrome, cuivre, manganèse, molybdène, nickel, plomb et zinc.

Une deuxième série d'analyses fut effectuée sur le quart de ces échantillons et pour ces éléments: antimoine, arsenic, bismuth et tungstène.

La méthode d'analyse utilisée fut la spectrométrie d'absorption atomique pour tous les éléments (Guimont et Pichette, 1979).

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'analyses est 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)

TRAITEMENT DES DONNÉES

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

Tableau 1: Principaux paramètres statistiques de base.

VARIABLE ET UNITE	MINIMUM	MAXIMUM	MOYENNE	ECART TYPE	NOMBRE D'ÉCHANTILLONS
Ag dpm	4	220	11,84	15,85	685
As dpm	5	1800	82,69	171,13	188
Bi dpm	5	35	5,59	2,57	188
Co ppm	10	56	28,78	7,80	685
Cr ppm	6	740	47,51	42,90	685
Cu ppm	4	1570	28,08	66,05	685
Mn ppm	84	6720	625,53	630,04	685
Mo dpm	1	80	10,08	6,98	680
Ni ppm	12	162	46,28	18,92	685
Pb ppm	7	899	40,46	79,14	685
Sb dpm	5	50	6,57	4,99	188
W ppm	1	208	70,03	48,19	188
Zn ppm	17	6640	142,74	303,27	685

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 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
③ 3	4X à 8X...	atteinte

SYNTHÈSE MULTI-ÉLÉMENTS

Une synthèse multi-éléments (annexe 4) a été préparée pour les éléments suivants: argent, cobalt, chrome, cuivre, manganèse, molybdène, nickel, plomb et zinc.

Les aires d'intérêt délimitées par la synthèse regroupent les sites présentant des teneurs supérieures au 92^e percentile de la distribution statistique dans au moins deux sites adjacents. De plus, au moins deux éléments doivent répondre à cette condition pour qu'une aire d'intérêt soit retenue.

Compte tenu du nombre plus restreint d'échantillons (1 sur 4) ayant fait l'objet d'une détermination pour l'antimoine, l'arsenic, le

bismuth et le tungstène, ces éléments ont fait l'objet d'une synthèse particulière (annexe 4): les aires d'intérêt retenues regroupent les sites présentant des teneurs supérieures au 92^e percentile de la distribution statistique et ces teneurs doivent se rencontrer dans au moins deux sites adjacents.

RÉFÉRENCES

CHOINIERE, J., 1981 - Atlas géochimique des sédiments de ruisseau, partie orientale de la Baie-des-Chaleurs. Ministère de l'Energie et des Ressources, Québec; DPV-854.

GUIMONT, J. - PICHETTE, M., 1979 - Méthode de dosage d'éléments en traces dans les sédiments, les sols et les eaux. Ministère de l'Energie et des Ressources, Québec; A.C.-7.

ANNEXE 1

DONNÉES ANALYTIQUES ET
LOCALISATION DES ÉCHANTILLONS EN COORDONNÉES UTM

PROJET 80-019		MRN	MICHELE GOYER		REBOUL		(SO)		NTS		PAGE : 1				
NUMERO BADGEQ	ELEMENTS		* BI	* CO	* CR	* CU	* MN	* MO	* NI	* PB	* SB	* W	* COORDONNEES		ZONE
	* AG	* AS											UTM EST	UTM NORD	
PERMANENT	DPM	DPM	DPM	PPM	PPM	PPM	PPM	DPM	PPM	PPM	DPM	PPM	UTM EST	UTM NORD	UTM
80-52001	8	30		26	72	18	465	10	54	18			319220.0	5359485.0	20
80-52002	12		10	29	44	25	272	3	63	24	5	48	319210.0	5359525.0	20
80-52003	9			32	65	20	701	8	62	20			319200.0	5359570.0	20
80-52004	9			25	46	22	240	4	60	17			319200.0	5359622.0	20
80-52005	7	60	10	19	740	19	515	80	134	12	5	120	319190.0	5359675.0	20
80-52006	8			32	65	28	459	13	69	26			319190.0	5359715.0	20
80-52007	10			32	100	24	1254	31	78	23			319190.0	5359770.0	20
80-52008	10			30	98	29	716	22	70	23			319190.0	5359815.0	20
80-52009	15	65	5	34	80	30	531	14	67	35	5	56	319190.0	5359870.0	20
80-52010	17			26	51	23	379	11	46	38			319190.0	5359915.0	20
80-52011	8			36	63	33	303	45	57	40			319185.0	5359970.0	20
80-52012	14			35	74	37	504	7	82	67			319185.0	5360020.0	20
80-52014	10	60	5	26	48	26	552	10	43	38	5	50	319185.0	5360075.0	20
80-52015	13			37	32	34	1239	8	89	31			319185.0	5360120.0	20
80-52016	14			31	31	43	1022	6	50	85			319185.0	5360165.0	20
80-52017	15			14	15	17	239	5	21	33			319185.0	5360210.0	20
80-52018	220	50	5	39	16	57	1542	3	64	632	5	26	319185.0	5360275.0	20
80-52019	8			31	22	29	373	1	45	39			319185.0	5360330.0	20
80-52020	18			36	38	34	559	10	66	75			319185.0	5360385.0	20
80-52021	12			15	23	10	188	4	18	14			319180.0	5360415.0	20
80-52022	15	365	5	27	34	26	386	4	40	57	5	88	319180.0	5360465.0	20
80-52023	11			27	21	24	982	1	41	58			319175.0	5360520.0	20
80-52024	10			24	33	14	287	4	36	24			319175.0	5360570.0	20
80-52025	12			29	16	18	999	2	33	67			319170.0	5360615.0	20
80-52026	10	5	5	30	20	23	502	2	42	23	5	1	319170.0	5360665.0	20
80-52027	37			35	15	20	1441	2	40	25			319165.0	5360720.0	20
80-52029	24			31	24	21	831	7	34	27			319165.0	5360770.0	20
80-52030	12			23	30	13	234	5	42	17			319165.0	5360820.0	20
80-52031	9	40	5	30	40	20	331	7	60	17	5	62	319165.0	5360870.0	20
80-52032	8			31	38	21	348	7	72	19			319165.0	5360920.0	20
80-52033	7			28	64	29	948	8	66	18			319160.0	5360975.0	20
80-52034	7			16	25	9	137	1	22	11			319155.0	5361022.0	20
80-52035	6	35	10	19	31	11	210	4	31	12	5	84	319155.0	5361065.0	20
80-52036	8	5	5	32	49	19	268	4	72	19	5	4	319155.0	5361020.0	20
80-52037	8			20	32	13	243	3	36	12			319155.0	5361062.0	20
80-52038	8			25	49	14	337	5	50	15			319155.0	5360975.0	20
80-52039	8			29	43	20	316	6	65	18			319155.0	5360925.0	20
80-52040	8	10	5	31	37	22	469	2	56	19	5	16	319160.0	5360875.0	20
80-52041	7			32	51	27	942	2	86	21			319160.0	5360825.0	20
80-52042	7			22	32	10	427	3	31	11			319162.0	5360778.0	20
80-52043	9			32	26	24	419	2	55	21			319162.0	5360720.0	20
80-52044	10	10	10	25	19	19	416	1	34	34	5	1	319165.0	5360670.0	20
80-52045	23			20	28	22	718	2	18	15			319165.0	5360635.0	20
80-52047	117			45	49	1570	1019	15	60	520			319070.0	5360575.0	20
80-52048	46			33	70	532	987	22	28	91			319070.0	5360520.0	20
80-52049	63	800	5	21	33	89	673	2	43	260	5	98	319070.0	5360470.0	20
80-52050	36			31	80	144	389	14	64	207			319072.0	5360415.0	20
80-52051	16			29	74	19	1758	13	37	82			319075.0	5360365.0	20
80-52053	13			32	27	28	613	2	46	63			319075.0	5360320.0	20
80-52054	30	80	5	35	334	47	1014	71	65	316	15	32	319080.0	5360265.0	20
80-52055	19			28	87	23	406	10	52	105			319080.0	5360220.0	20

NUMERO BADGEQ	ELEMENTS		* BI	* CO	* CR	* CU	* MN	* MO	* NI	* PB	* SR	* W	COORDONNEES		ZONE
	* AG	* AS											UTM EST	UTM NORD	
PERMANENT	DPM	DPM	DPM	PPM	PPM	PPM	PPM	DPM	PPM	PPM	DPM	PPM			UTM
80-52056	20			29	71	37	262	5	54	187			319085.0	5360170.0	20
80-52057	16			36	22	46	801	7	68	120			319085.0	5360122.0	20
80-52058	11	80		38	82	23	1659	19	79	24	5	1	319085.0	5360075.0	20
80-52059	8			34	96	20	561	8	82	20			319085.0	5360025.0	20
80-52060	10			42	112	29	1004	24	108	27			319085.0	5359970.0	20
80-52061	12			47	78	38	1397	35	83	30			319090.0	5359915.0	20
80-52062	7	170		36	64	23	842	7	77	31	5	102	319090.0	5359865.0	20
80-52063	10			34	61	33	2357	30	69	26			319095.0	5359810.0	20
80-52064	9			40	100	27	671	5	83	23			319095.0	5359772.0	20
80-52065	10			29	76	23	540	14	57	24			319098.0	5359715.0	20
80-52066	10	15		36	95	23	647	8	65	26	5	102	319098.0	5359665.0	20
80-52068	9			23	40	14	514	12	48	22			319100.0	5359615.0	20
80-52069	6			32	64	23	365	9	62	27			319100.0	5359570.0	20
80-52070	5			26	31	17	534	4	50	19			319100.0	5359520.0	20
80-52071	10	85		28	55	25	344	15	78	20	5	90	319102.0	5359480.0	20
80-52072	9	5		26	44	16	259	14	51	17	5	1	319000.0	5359480.0	20
80-52073	6			19	37	8	1077	12	31	14			319000.0	5359520.0	20
80-52074	10			34	64	19	332	13	98	23			319000.0	5359562.0	20
80-52075	6			16	32	11	501	13	31	16			318995.0	5359610.0	20
80-52076	7	80		28	81	23	272	10	75	19	5	96	318995.0	5359660.0	20
80-52077	7			29	78	13	1278	6	55	22			318995.0	5359715.0	20
80-52078	4			21	50	10	246	7	36	18			318995.0	5359760.0	20
80-52079	13			21	29	17	321	10	35	42			318997.0	5359805.0	20
80-52080	10	135		34	49	25	315	7	64	60	5	64	318997.0	5359855.0	20
80-52081	9			44	78	52	1150	9	116	38			318990.0	5359910.0	20
80-52082	7			33	72	16	404	4	43	21			318990.0	5359955.0	20
80-52083	5			30	62	16	257	6	58	24			318990.0	5360010.0	20
80-52084	7	85		29	73	17	364	3	44	19	5	92	318985.0	5360065.0	20
80-52085	15			26	30	27	288	7	38	95			318985.0	5360110.0	20
80-52086	6			17	15	17	174	7	19	31			318985.0	5360165.0	20
80-52087	12			32	40	40	290	6	49	292			318980.0	5360220.0	20
80-52088	10	10		21	30	18	201	9	24	60	5	1	318980.0	5360265.0	20
80-52089	18			33	82	39	937	5	50	387			318975.0	5360315.0	20
80-52090	25			29	53	44	311	11	67	77			318975.0	5360365.0	20
80-52091	15			33	45	21	249	8	57	25			318975.0	5360410.0	20
80-52092	10	85		29	38	20	291	8	53	21	5	114	318975.0	5360465.0	20
80-52093	12			30	39	19	293	4	49	25			318970.0	5360510.0	20
80-52095	10			26	37	19	382	8	47	17			318970.0	5360565.0	20
80-52096	8			28	38	24	522	3	60	18			318970.0	5360615.0	20
80-52097	12	5		30	38	17	589	1	48	20	5	108	318965.0	5360665.0	20
80-52098	8			21	31	13	257	2	36	13			318965.0	5360720.0	20
80-52099	7			29	40	18	338	4	63	17			318965.0	5360765.0	20
80-52100	7			28	38	15	358	6	46	15			318965.0	5360820.0	20
80-52101	6	50		29	97	19	479	12	49	20	5	1	318965.0	5360870.0	20
80-52103	7			26	27	13	284	4	37	17			318960.0	5360915.0	20
80-52104	5			15	27	5	163	3	27	11			318960.0	5360970.0	20
80-52105	7			32	49	24	556	7	85	18			318960.0	5361025.0	20
80-52107	6	50		29	40	17	243	4	60	17	5	84	318955.0	5361070.0	20
80-52108	6	5		25	38	17	344	1	56	16	5	1	318950.0	5361070.0	20
80-52109	6			21	157	12	387	27	34	11			318950.0	5361020.0	20
80-52110	6			22	32	13	358	2	45	13			318865.0	5360970.0	20

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PROJET 80-019		MRN	MICHELE GOYER		REBOUL		(SO)		NTS		PAGE : 3					
NUMERO BADGE	ELEMENTS		* BI DPM	* CO PPM	* CR PPM	* CU PPM	* MN PPM	* MO DPM	* NI PPM	* PB PPM	* SB DPM	* W PPM	* COORDONNEES		COORDONNEES	ZONE
	* AG DPM	* AS DPM											UTM EST	UTM NORD	UTM	
80-52111				32	31	20	896	3	49	22			318865.0	5360915.0	20	
80-52112	7	30	5	32	40	20	420	4	57	21	5	72	318865.0	5360865.0	20	
80-52113	6			24	34	12	215	1	46	14			318865.0	5360815.0	20	
80-52114	6			21	29	10	311	3	28	13			318865.0	5360765.0	20	
80-52115	7			25	35	15	285	2	50	15			318870.0	5360715.0	20	
80-52116	9	5	5	29	40	17	306	2	50	16	5	14	318870.0	5360660.0	20	
80-52117	11			29	61	19	398	8	74	19			318870.0	5360605.0	20	
80-52118	9			25	34	14	428	4	43	14			318870.0	5360550.0	20	
80-52119	6			21	47	19	514	9	27	20			318875.0	5360510.0	20	
80-52120	10	20	5	25	41	15	391	7	49	14	5	56	318875.0	5360460.0	20	
80-52121	9			26	34	18	242	12	47	18			318875.0	5360405.0	20	
80-52122	8			28	34	22	356	16	57	19			318875.0	5360360.0	20	
80-52123	72			24	36	45	320	10	53	47			318885.0	5360309.0	20	
80-52124	11	250	5	29	21	42	431	5	52	57	5	4	318880.0	5360275.0	20	
80-52125	11			20	25	21	259	13	24	69			318880.0	5360215.0	20	
80-52126	15			24	26	27	582	13	40	240			318885.0	5360157.0	20	
80-52127	15			22	26	34	594	10	38	179			318885.0	5360110.0	20	
80-52128	19	290	5	31	37	44	390	11	55	126	5	44	318885.0	5360057.0	20	
80-52129	10			33	68	23	502	16	51	35			318885.0	5360010.0	20	
80-52130	10			39	104	20	495	15	65	32			318890.0	5359955.0	20	
80-52131	12			26	37	22	527	14	39	52			318890.0	5359905.0	20	
80-52132	6	25	5	23	49	17	468	12	46	23	5	22	318890.0	5359850.0	20	
80-52133	15			30	74	23	841	18	81	34			318890.0	5359800.0	20	
80-52134	10			21	56	10	390	13	35	13			318890.0	5359755.0	20	
80-52135	7			31	77	16	697	13	56	18			318890.0	5359710.0	20	
80-52136	11	5	5	33	76	23	422	16	67	31	5	16	318895.0	5359665.0	20	
80-52137	10			33	87	22	374	24	65	27			318895.0	5359615.0	20	
80-52138	10			30	85	17	742	16	56	24			318895.0	5359565.0	20	
80-52139	10			27	62	21	361	18	80	25			318895.0	5359515.0	20	
80-52140	6	5	10	22	49	17	257	18	45	18	10	1	318895.0	5359482.0	20	
80-52141	6	30	5	17	41	11	325	19	37	13	10	94	318795.0	5359480.0	20	
80-52142	7			25	64	16	967	18	62	12			318795.0	5359520.0	20	
80-52143	9			26	80	20	511	12	57	21			318795.0	5359565.0	20	
80-52144	8			28	83	13	888	18	53	19			318795.0	5359630.0	20	
80-52146	11	240	10	26	75	23	505	20	78	38	5	118	318795.0	5359680.0	20	
80-52147	12			33	104	14	943	9	51	20			318792.0	5359725.0	20	
80-52148	7			29	97	13	379	11	43	20			318790.0	5359770.0	20	
80-52149	6			22	47	13	176	17	45	20			318790.0	5359815.0	20	
80-52150	9	15	5	26	68	14	2471	14	36	38	5	18	318790.0	5359865.0	20	
80-52151	10			30	50	39	698	4	44	89			318785.0	5359910.0	20	
80-52154	12			35	131	22	319	14	66	29			318785.0	5359965.0	20	
80-52155	11			33	97	21	718	6	51	40			318785.0	5360012.0	20	
80-52156	13	155	5	28	52	21	324	3	61	56	5	88	318785.0	5360065.0	20	
80-52157	14			29	37	35	797	2	67	315			318785.0	5360115.0	20	
80-52158	31			31	32	44	526	6	50	327			318780.0	5360165.0	20	
80-52159	72			22	38	47	282	5	49	183			318780.0	5360210.0	20	
80-52160	24	10	5	17	27	10	199	8	28	20	5	26	318780.0	5360275.0	20	
80-52161	10			18	33	13	148	6	32	19			318780.0	5360305.0	20	
80-52162	6			23	33	28	929	3	50	22			318775.0	5360355.0	20	
80-52163	10			28	42	19	246	5	75	24			318775.0	5360405.0	20	
80-52164	10	70	5	31	42	18	352	5	66	23	10	112	318775.0	5360460.0	20	

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NUMERO BADGEQ	ELEMENTS		* BI	* CO	* CR	* CU	* MN	* MO	* NI	* PB	* SB	* W	* COORDONNEES UTM EST	COORDONNEES UTM NORD	ZONE UTM
	* AG	* AS													
PERMANENT	DPM	DPM	DPM	PPM	PPM	PPM	PPM	DPM	PPM	PPM	DPM	PPM			
80-52165	11			23	38	18	242	6	58	18			318775.0	5360505.0	20
80-52166	10			24	41	18	217	8	65	18			318775.0	5360565.0	20
80-52167	8			26	35	27	640	2	61	33			318770.0	5360605.0	20
80-52168	6	5	5	18	26	12	306	1	26	13	5	54	318770.0	5360665.0	20
80-52170	25			20	30	18	354	8	40	28			318770.0	5360705.0	20
80-52171	11			20	31	14	195	7	39	13			318770.0	5360760.0	20
80-52172	8			21	36	13	200	4	51	20			318765.0	5360815.0	20
80-52173	10	130	5	16	17	12	257	6	25	68	10	178	318765.0	5360865.0	20
80-52174	7			18	23	11	284	14	32	12			318765.0	5360915.0	20
80-52175	7			20	35	14	195	15	40	13			318765.0	5360965.0	20
80-52176	6			23	28	18	276	7	44	16			318765.0	5361015.0	20
80-52177	4	20	10	18	14	10	425	15	22	11	5	88	318760.0	5361065.0	20
80-52178	7	5	5	28	42	23	479	8	66	19	5	26	318660.0	5361060.0	20
80-52179	6			23	34	15	434	11	48	14			318660.0	5361005.0	20
80-52181	5			15	20	10	375	8	26	10			318660.0	5360955.0	20
80-52182	5			11	21	7	166	9	22	8			318665.0	5360905.0	20
80-52183	8	35	10	21	20	15	778	8	30	29	5	140	318665.0	5360855.0	20
80-52185	5			16	22	10	134	8	23	15			318665.0	5360805.0	20
80-52186	6			24	33	15	199	7	48	26			318665.0	5360750.0	20
80-52187	11			23	40	53	661	8	56	19			318665.0	5360695.0	20
80-52188	8	5	5	26	34	15	197	12	56	19	5	1	318670.0	5360645.0	20
80-52189	7			18	26	12	220	7	31	13			318670.0	5360595.0	20
80-52190	10			25	32	19	627	7	48	22			318675.0	5360545.0	20
80-52191	10			21	35	16	209	11	44	18			318675.0	5360500.0	20
80-52192	12	5	5	22	38	13	345	8	42	16	5	1	318675.0	5360445.0	20
80-52193	16			34	50	22	351	13	72	33			318680.0	5360400.0	20
80-52194	22			24	36	30	822	11	48	20			318680.0	5360345.0	20
80-52195	24			32	39	46	524	15	62	260			318680.0	5360295.0	20
80-52196	30	170	10	25	44	20	248	11	38	47	5	100	318680.0	5360250.0	20
80-52197	56			28	38	75	571	12	56	324			318685.0	5360210.0	20
80-52198	12			19	30	13	224	11	31	30			318685.0	5360155.0	20
80-52199	12			18	32	19	1577	11	38	32			318685.0	5360110.0	20
80-52200	6	40	5	33	51	29	483	16	76	20	5	66	318685.0	5360060.0	20
80-52201	7			29	116	13	607		58	15			318690.0	5360005.0	20
80-52202	8			33	150	14	535		52	16			318690.0	5359955.0	20
80-52203	6			23	81	8	1443		28	12			318694.0	5359910.0	20
80-52204	7	50	5	23	69	11	264		33	12	5	74	318695.0	5359862.0	20
80-52205	5			30	85	14	579	16	60	13			318696.0	5359811.0	20
80-52206	10			44	137	11	2459		53	20			318699.0	5359765.0	20
80-52207	7			21	71	7	980	16	22	11			318697.0	5359716.0	20
80-52208	13	50	5	32	160	19	599	27	50	21	5	96	318699.0	5359674.0	20
80-52209	6			21	66	11	223	18	29	12			318700.0	5359625.0	20
80-52210	9			30	89	25	471	16	83	21			318700.0	5359575.0	20
80-52211	10			39	94	22	1134	11	67	20			318699.0	5359524.0	20
80-52212	9	85	5	33	91	35	390	10	108	21	5	112	318701.0	5359480.0	20
80-52213	12	5	5	42	100	21	417	14	54	19	5	12	318694.0	5359478.0	20
80-52214	12			48	128	14	1740	12	48	22			318693.0	5359525.0	20
80-52215	13			54	137	39	2189	17	105	23			318695.0	5359565.0	20
80-52216	12			43	120	23	746	13	86	22			318690.0	5359610.0	20
80-52217	10	5	5	40	114	15	1470	10	57	20	5	1	318690.0	5359660.0	20
80-52218	9			34	92	16	489	11	49	16			318695.0	5359700.0	20

NUMERO BADGEQ	ELEMENTS		* BI DPM	* CO PPM	* CR PPM	* CU PPM	* MN PPM	* MO DPM	* NI PPM	* PB PPM	* SB DPM	* W PPM	* COORDONNEES UTM EST	COORDONNEES UTM NORD	ZONE UTM
	* AG DPM	* AS DPM													
80-52219	12			43	131	11	1318	10	42	19			318595.0	5359750.0	20
80-52220	9			47	70	20	1802	14	56	26			318595.0	5359800.0	20
80-52221	12	40		45	194	12	737	5	38	19	5	110	318595.0	5359845.0	20
80-52222	10			31	87	23	610	8	65	21			318595.0	5359895.0	20
80-52224	9			37	92	21	1007	10	63	21			318590.0	5359950.0	20
80-52225	12			44	153	15	563	6	72	17			318590.0	5360000.0	20
80-52227	7	40		37	49	25	304	12	64	22	5	80	318585.0	5360050.0	20
80-52228	4			46	27	43	1143	13	114	39			318585.0	5360100.0	20
80-52229	24			37	166	85	916	14	75	67			318585.0	5360152.0	20
80-52230	11			30	30	29	285	10	42	40			318580.0	5360205.0	20
80-52231	23	10		31	31	23	224	15	42	54	5	2	318580.0	5360250.0	20
80-52232	12			24	29	15	337	16	42	18			318580.0	5360285.0	20
80-52233	20			32	38	19	695	12	48	30			318575.0	5360345.0	20
80-52234	35			31	55	140	1721	15	51	214			318575.0	5360395.0	20
80-52235	10	10		21	24	12	157	12	23	13	5	38	318570.0	5360445.0	20
80-52236	16			38	36	22	406	20	72	23			318570.0	5360495.0	20
80-52237	5			20	17	12	453	16	23	15			318570.0	5360545.0	20
80-52238	7			31	29	19	506	14	47	24			318570.0	5360590.0	20
80-52239	4	10		19	11	13	217	16	25	13	5	56	318565.0	5360645.0	20
80-52240	5			27	15	16	382	12	29	21			318565.0	5360695.0	20
80-52241	10			34	16	25	766	6	42	23			318565.0	5360755.0	20
80-52242	6			28	23	17	914	5	41	17			318560.0	5360805.0	20
80-52243	5	10		20	20	11	207	20	28	12	5	80	318560.0	5360860.0	20
80-52244	7			28	24	18	360	12	41	26			318560.0	5360910.0	20
80-52245	5			22	13	13	538	8	24	15			318560.0	5360960.0	20
80-52246	4			15	6	10	213	11	18	12			318555.0	5361010.0	20
80-52247	7	45		31	30	16	429	30	73	20	5	42	318555.0	5361050.0	20
80-52248	7	50		26	32	12	516	11	23	15	5	174	318460.0	5361055.0	20
80-52250	6			27	29	24	331	20	38	18			318460.0	5361010.0	20
80-52251	4			15	8	8	232	15	18	8			318465.0	5360950.0	20
80-52253	10			25	20	13	701	23	38	23			318465.0	5360915.0	20
80-52254	14	340		26	14	13	578	38	35	28	50	122	318465.0	5360870.0	20
80-52255	9			29	13	12	1129	33	31	23			318465.0	5360820.0	20
80-52256	10			25	23	10	1225	14	32	21			318465.0	5360765.0	20
80-52257	5			20	61	10	326	31	40	27			318470.0	5360715.0	20
80-52258	6	45		29	59	17	561	20	56	18	5	96	318470.0	5360660.0	20
80-52259	5			15	11	7	507	12	19	15			318475.0	5360605.0	20
80-52260	5			18	7	14	169	9	26	35			318475.0	5360550.0	20
80-52261	22			33	71	62	341	20	56	47			318475.0	5360502.0	20
80-52263	15	600		26	34	195	1313	4	45	79	15	108	318480.0	5360455.0	20
80-52264	12			23	31	29	252	9	34	30			318480.0	5360402.0	20
80-52265	12			27	47	19	581	6	49	50			318480.0	5360345.0	20
80-52266	12			29	38	40	809	2	47	76			318480.0	5360290.0	20
80-52267	21	55		30	20	51	449	5	40	164	15	84	318485.0	5360245.0	20
80-52268	14			30	13	57	693	14	37	509			318485.0	5360205.0	20
80-52269	8			19	20	24	286	12	30	31			318485.0	5360150.0	20
80-52270	5			24	21	15	1070	8	36	21			318490.0	5360095.0	20
80-52271	12	5		30	38	21	826	8	60	57	5	1	318490.0	5360045.0	20
80-52272	9			29	120	10	410	10	40	14			318490.0	5359995.0	20
80-52274	11			36	132	14	297	16	43	18			318495.0	5359945.0	20
80-52275	9			34	109	26	1308	15	98	27			318495.0	5359895.0	20

PROJET 80-019		MRN		MICHELE GOYER				REBOUL				(SO)				NTS		PAGE : 6		
NUMERO BADGE	ELEMENTS			* BI DPM	* CO PPM	* CR PPM	* CU PPM	* MN PPM	* MO DPM	* NI PPM	* PB PPM	* SB DPM	* W PPM	* COORDONNEES		COORDONNEES		ZONE		
	PERMANENT	* AG DPM	* AS DPM											UTM EST	UTM NORD	UTM				
80-52276	8				32	62	9	6146	12	31	20		74	318495.0	5359850.0			20		
80-52277	12		10	5	38	129	21	1023	22	70	20	10		318495.0	5359795.0			20		
80-52278	13				52	153	11	2424	4	47	15			318495.0	5359750.0			20		
80-52279	14				49	154	16	694	14	84	25			318495.0	5359705.0			20		
80-52280	12		50	5	44	133	22	2681	19	83	22	5	152	318500.0	5359660.0			20		
80-52281	13				42	131	10	946	23	63	19			318500.0	5359615.0			20		
80-52282	9				30	93	12	1571	30	63	12			318500.0	5359570.0			20		
80-52283	10				39	96	13	1074	22	58	15			318505.0	5359525.0			20		
80-52284	9		25	5	38	84	22	793	30	66	20	5	128	318505.0	5359490.0			20		
80-52285	7		5	5	28	72	12	676	14	53	14	5	32	318400.0	5359470.0			20		
80-52286	10				43	119	15	930	12	58	21			318399.0	5359505.0			20		
80-52287	10				33	101	14	587	24	86	15			318399.0	5359555.0			20		
80-52288	10				34	84	11	638	7	50	14			318395.0	5359600.0			20		
80-52289	9		5	5	30	83	14	960	20	50	15	5	76	318395.0	5359650.0			20		
80-52290	6				19	60	4	434	5	19	11			318395.0	5359700.0			20		
80-52291	10				46	129	13	1873	23	52	21			318399.0	5359745.0			20		
80-52292	13				34	94	21	1298	21	56	22			318395.0	5359795.0			20		
80-52293	10		5	5	34	121	14	817	7	54	16	5	12	318395.0	5359840.0			20		
80-52294	11				43	150	11	702	20	49	20			318395.0	5359885.0			20		
80-52295	9				36	118	10	841	15	44	19			318390.0	5359940.0			20		
80-52296	12				31	86	12	450	8	47	16			318390.0	5359985.0			20		
80-52297	11		5	5	27	39	18	458	6	45	40	5	2	318390.0	5360040.0			20		
80-52298	12				30	36	17	436	5	46	35			318385.0	5360085.0			20		
80-52299	18				23	18	37	982	16	23	142			318385.0	5360145.0			20		
80-52300	20				24	20	28	441	11	21	80			318385.0	5360200.0			20		
80-52302	17		325	5	29	29	50	373	20	30	102	15	100	318380.0	5360240.0			20		
80-52303	61				28	33	51	641	4	32	870			318380.0	5360290.0			20		
80-52304	13				27	28	19	472	28	47	22			318380.0	5360340.0			20		
80-52305	6				18	14	14	225	15	18	68			318380.0	5360395.0			20		
80-52306	6		70	5	16	12	8	287	10	12	23	5	122	318375.0	5360440.0			20		
80-52308	17				27	19	10	428	10	29	49			318375.0	5360490.0			20		
80-52309	22				31	14	14	2394	8	33	73			318375.0	5360545.0			20		
80-52310	73				25	16	18	505	11	26	899			318375.0	5360595.0			20		
80-52311	12		75	5	33	22	18	861	13	32	65	30	98	318375.0	5360650.0			20		
80-52312	4				22	15	12	148	17	25	14			318370.0	5360700.0			20		
80-52313	6				33	17	17	1196	4	39	24			318370.0	5360765.0			20		
80-52314	7				33	12	20	1351	7	41	23			318365.0	5360810.0			20		
80-52316	7		10	5	36	30	25	960	8	52	21	5	72	318365.0	5360860.0			20		
80-52317	5				25	17	14	456	9	30	15			318365.0	5360910.0			20		
80-52318	5				30	19	16	1261	6	35	19			318365.0	5360960.0			20		
80-52319	4				27	14	26	147	5	49	11			318360.0	5361005.0			20		
80-52320	6		20	5	23	25	11	256	11	35	12	5	58	318360.0	5361045.0			20		
80-52321	6		20	5	35	51	26	563	6	82	15	5	70	318365.0	5361015.0			20		
80-52322	4				38	37	37	598	9	90	17			318365.0	5360965.0			20		
80-52323	4				24	19	16	239	27	25	16			318365.0	5360920.0			20		
80-52324	6				30	17	16	834	14	32	21			318365.0	5360875.0			20		
80-52325	13		20	5	35	13	20	631	38	44	26	5	26	318260.0	5360820.0			20		
80-52326	6				35	24	23	769	22	45	23			318260.0	5360770.0			20		
80-52327	5				35	19	20	673	12	40	22			318265.0	5360725.0			20		
80-52328	6				30	16	14	1112	17	28	20			318265.0	5360675.0			20		
80-52329	19		215	5	31	19	14	2654	13	30	57	10	68	318265.0	5360625.0			20		

NUMERO BADGEQ	ELEMENTS		* BI	* CO	* CR	* CU	* MN	* MO	* NI	* PB	* SB	* W	* COORDONNEES UTM EST	COORDONNEES UTM NORD	ZONE
	* AG	* AS													
PERMANENT	DPM	DPM	DPM	PPM	PPM	PPM	PPM	DPM	PPM	PPM	DPM	PPM			
80-52330	15			32	20	25	15 14	12	32	67			318270.0	5360575.0	20
80-52331	15			26	18	11	849	14	26	120			318270.0	5360530.0	20
80-52332	10	15		22	24	7	204	8	24	37			318270.0	5360480.0	20
80-52333	14		5	37	41	17	397	15	58	55	5	18	318265.0	5360440.0	20
80-52334	22			32	31	19	364	27	48	32			318270.0	5360390.0	20
80-52335	17			33	42	48	528	16	48	81			318275.0	5360340.0	20
80-52336	13			34	48	40	926	20	61	60			318275.0	5360280.0	20
80-52337	24	55	5	34	47	54	845	18	50	142	30	26	318280.0	5360240.0	20
80-52338	53			26	41	93	692	22	34	298			318280.0	5360195.0	20
80-52339	14			32	33	56	2178	18	37	289			318280.0	5360145.0	20
80-52341	12			24	28	22	416	10	27	46			318280.0	5360090.0	20
80-52342	25	115	5	21	36	23	4741	16	34	55	5	56	318285.0	5360040.0	20
80-52343	10			36	79	18	952	23	81	24			318285.0	5359985.0	20
80-52344	14			41	90	15	881	5	52	20			318285.0	5359945.0	20
80-52346	13			50	166	21	630	14	81	25			318290.0	5359885.0	20
80-52347	12	5	10	48	190	13	985	9	60	21	10	4	318290.0	5359835.0	20
80-52348	13			55	149	19	2063	8	56	30			318290.0	5359790.0	20
80-52349	12			36	111	13	2584	15	46	18			318295.0	5359745.0	20
80-52350	11			39	97	28	505	21	104	24			318295.0	5358695.0	20
80-52351	11	30	5	45	146	13	1980	5	64	18	5	86	318295.0	5358645.0	20
80-52352	9			32	68	14	547	2	49	15			318295.0	5358600.0	20
80-52353	5			22	30	12	375	10	29	12			318300.0	5358545.0	20
80-52354	10			45	73	26	1874	12	60	21			318300.0	5358495.0	20
80-52355	13	20	10	37	127	11	620	14	42	19	5	84	318300.0	5358460.0	20
80-52356	5	10	5	34	41	30	281	6	77	19	5	18	318145.0	5361025.0	20
80-52358	6			24	41	15	239	9	48	12			318150.0	5360975.0	20
80-52359	11			36	30	34	778	11	35	14			318150.0	5360925.0	20
80-52360	5			28	33	20	211	7	51	16			318155.0	5360875.0	20
80-52361	5	5	5	34	26	19	1154	6	60	19	5	24	318155.0	5360825.0	20
80-52362	5			32	28	20	753	10	42	22			318155.0	5360770.0	20
80-52363	5			25	13	13	606	7	24	19			318155.0	5360725.0	20
80-52364	107			32	14	18	1207	19	34	307			318160.0	5360670.0	20
80-52365	103	100	5	33	17	19	609	18	36	32	5	62	318160.0	5360625.0	20
80-52366	20			33	43	26	816	13	44	52			318165.0	5360575.0	20
80-52367	15			24	36	26	840	13	32	64			318165.0	5360525.0	20
80-52368	28			36	51	36	1079	23	56	70			318165.0	5360480.0	20
80-52369	10	5	5	31	60	49	974	34	59	25	5	6	318170.0	5360435.0	20
80-52370	11			26	31	14	603	11	35	24			318170.0	5360390.0	20
80-52371	12			36	25	17	467	8	30	136			318175.0	5360340.0	20
80-52372	18			38	43	18	243	9	53	93			318175.0	5360285.0	20
80-52373	220	210	35	38	57	290	1245	7	56	656	30	18	318175.0	5360235.0	20
80-52374	46			26	32	168	221	12	26	106			318180.0	5360200.0	20
80-52375	20			33	41	106	578	4	41	161			318180.0	5360145.0	20
80-52376	24			33	39	134	739	6	46	90			318180.0	5360100.0	20
80-52377	14	350	10	46	50	30	401	4	53	64	5	98	318180.0	5360045.0	20
80-52378	13			34	76	10	1045	19	33	15			318180.0	5359995.0	20
80-52380	12			41	80	15	441	12	62	20			318185.0	5359935.0	20
80-52381	103			52	108	27	601	10	78	28			318185.0	5359880.0	20
80-52382	12	20		44	85	19	193	5	48	24	10	1	318190.0	5359830.0	20
80-52383	13			46	98	21	211	6	61	25			318195.0	5359785.0	20
80-52384	13			41	77	21	448	12	58	24			318195.0	5359740.0	20

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NUMERO BADGE	ELEMENTS		* BI	* CO	* CR	* CU	* MN	* MO	* NI	* PB	* SB	* W	* COORDONNEES UTM EST	COORDONNEES UTM NORD	ZONE UTM
	* AG	* AS													
PERMANENT	DPM	DPM	DPM	PPM	PPM	PPM	PPM	DPM	PPM	PPM	DPM	PPM			
80-52385	14			50	121	22	945	8	77	26			318195.0	5359690.0	20
80-52386	13	45	5	48	98	22	613	22	46	27			318200.0	5359640.0	20
80-52387	10			51	63	46	424	21	98	23	5	126	318200.0	5359590.0	20
80-52388	12			44	80	19	447	6	49	23			318205.0	5359535.0	20
80-52389	11			45	82	25	352	11	59	25			318205.0	5359495.0	20
80-52390	13	20	5	51	113	22	951	10	56	23	5	136	318205.0	5359465.0	20
80-52391	13	30	5	48	102	15	222	11	32	20	5	208	318110.0	5359460.0	20
80-52392	14			56	121	17	509	13	44	25			318105.0	5359495.0	20
80-52394	11			31	73	17	363	14	52	16			318105.0	5359545.0	20
80-52395	10			32	57	17	649	10	43	18			318105.0	5359590.0	20
80-52396	10	5	5	34	59	17	1555	13	36	19	5	52	318100.0	5359645.0	20
80-52397	12			44	83	14	1870	20	40	21			318100.0	5359695.0	20
80-52398	11			41	77	19	397	5	45	20			318100.0	5359740.0	20
80-52399	12			43	81	22	292	12	40	23			318095.0	5359780.0	20
80-52400	11	40	5	36	88	20	309	15	59	20	5	120	318095.0	5359835.0	20
80-52401	9			30	69	16	238	10	53	16			318095.0	5359880.0	20
80-52402	11			41	84	22	591	4	70	21			318090.0	5359940.0	20
80-52403	10			38	62	20	587	6	53	20			318090.0	5359990.0	20
80-52404	16	10	10	34	39	83	635	5	47	225	15	10	318090.0	5360045.0	20
80-52405	22			27	26	35	1014	7	36	43			318090.0	5360090.0	20
80-52406	15			22	21	32	305	15	33	52			318090.0	5360140.0	20
80-52407	21			27	34	18	178	10	36	33			318090.0	5360200.0	20
80-52408	16	95	5	29	34	14	223	9	33	31	5	106	318085.0	5360235.0	20
80-52409	25			27	34	27	361	6	31	38			317985.0	5360275.0	20
80-52410	19			25	20	16	545	5	25	34			317980.0	5360330.0	20
80-52411	18			28	26	17	492	17	24	21			317980.0	5360380.0	20
80-52412	22	370	5	32	28	19	306	10	25	27	5	156	317975.0	5360430.0	20
80-52413	13			36	33	15	462	11	34	39			317975.0	5360480.0	20
80-52414	13			19	16	11	223	11	20	22			317970.0	5360535.0	20
80-52415	21			34	45	18	594	3	39	56			317970.0	5360580.0	20
80-52416	14	350	5	33	52	19	517	20	41	70	5	66	317970.0	5360630.0	20
80-52417	5			28	21	20	442	15	39	22			317965.0	5360685.0	20
80-52419	9			34	25	19	900	2	42	26			317965.0	5360740.0	20
80-52420	6			26	22	20	357	15	42	11			317965.0	5360790.0	20
80-52421	4	55	5	36	21	24	137	7	66	11	5	92	317960.0	5360845.0	20
80-52423	7			35	40	18	232	2	45	19			317960.0	5360900.0	20
80-52424	6			29	27	13	658	11	36	17			317955.0	5360940.0	20
80-52425	6			31	34	14	415	10	44	17			317955.0	5360980.0	20
80-52426	7	35	5	37	51	16	678	5	75	18	15	74	317950.0	5361015.0	20
80-52427	9	15	5	42	26	25	814	8	55	25	15	76	318050.0	5361030.0	20
80-52428	7			36	62	21	288	4	80	19			318060.0	5360985.0	20
80-52429	8			44	53	31	535	10	104	21			318065.0	5360935.0	20
80-52430	10			38	20	17	1666	8	53	30			318065.0	5360890.0	20
80-52431	7	75	5	42	26	21	864	9	56	27	5	160	318065.0	5360845.0	20
80-52432	15			39	23	19	806	2	48	45			318070.0	5360795.0	20
80-52433	9			35	40	26	1012	10	58	22			318070.0	5360745.0	20
80-52434	11			34	34	18	840	12	35	30			318075.0	5360680.0	20
80-52435	13	60	5	24	36	10	368	7	22	35	10	20	318075.0	5360640.0	20
80-52436	16			34	48	22	683	14	40	53			318080.0	5360585.0	20
80-52437	23			43	46	18	278	20	45	83			318080.0	5360540.0	20
80-52438	15			35	46	14	164	5	25	32			318080.0	5360495.0	20

NUMERO BADGEO	ELEMENTS			BI	CO	CR	CU	MN	MO	NI	PB	SB	W	COORDONNEES UTM EST	COORDONNEES UTM NORD	ZONE
	* AG *	* AS *	* DPM													
PERMANENT	DPM	DPM	DPM	PPM	PPM	PPM	PPM	PPM	DPM	PPM	PPM	DPM	PPM			
80-52439	16	120		5	39	49	21	288	7	53	26	10	168	318080.0	5360440.0	20
80-52440	13				23	18	16	366	5	27	15			318080.0	5360395.0	20
80-52441	12				29	47	24	364	7	40	31			318080.0	5360340.0	20
80-52442	15				30	80	17	261	10	47	22			318085.0	5360285.0	20
80-52444	21	170		5	35	43	16	288	7	27	26	10	158	317985.0	5360230.0	20
80-52445	14				33	34	15	139	9	30	32			317985.0	5360190.0	20
80-52446	6				15	12	6	168	6	13	7			317990.0	5360135.0	20
80-52447	7				32	33	17	206	6	32	24			317990.0	5360075.0	20
80-52448	11	100		5	36	32	14	181	8	33	21	5	140	317990.0	5360030.0	20
80-52449	29				46	54	197	931	7	56	226			317995.0	5359975.0	20
80-52450	13				41	85	22	229	12	61	20			317995.0	5359930.0	20
80-52451	11				41	79	16	280	12	40	21			317995.0	5359870.0	20
80-52452	12	5		5	47	94	16	226	13	48	24	5	1	317995.0	5359825.0	20
80-52453	10				43	63	19	184	4	47	20			318000.0	5359780.0	20
80-52454	10				35	64	20	152	11	62	17			318000.0	5359730.0	20
80-52455	12				44	93	15	288	9	59	24			318005.0	5359685.0	20
80-52456	10	180		5	48	70	22	517	3	60	26	10	138	318005.0	5359645.0	20
80-52458	10				44	61	22	450	10	53	20			318005.0	5359590.0	20
80-52459	9				43	64	27	919	16	72	18			318010.0	5359545.0	20
80-52460	9				47	60	24	1075	14	51	18			318010.0	5359490.0	20
80-52461	13	40		5	28	87	22	386	4	54	21	5	152	318010.0	5359455.0	20
80-52462	11	5		5	30	81	18	306	4	68	17	5	1	317915.0	5359410.0	20
80-52463	10				36	79	15	920	8	42	20			317915.0	5359365.0	20
80-52464	8				27	49	13	795	1	33	18			317910.0	5359315.0	20
80-52465	7				26	80	19	403	2	58	18			317910.0	5359270.0	20
80-52467	7	5		5	12	65	8	338	4	22	10	5	48	317910.0	5359230.0	20
80-52468	10				36	88	17	324	5	48	25			317905.0	5359180.0	20
80-52469	6				23	38	13	116	9	22	15			317905.0	5359130.0	20
80-52470	8				26	45	15	394	13	39	20			317905.0	5359085.0	20
80-52471	10	5		5	28	55	13	257	10	36	18	10	1	317905.0	5359045.0	20
80-52472	8				30	49	17	334	5	42	20			317905.0	5358995.0	20
80-52473	12				34	87	16	322	10	43	24			317900.0	5358955.0	20
80-52474	24				36	37	195	903	17	51	315			317900.0	5358915.0	20
80-52475	13	10		5	10	9	9	102	8	14	38	5	4	317895.0	5360002.0	20
80-52476	18				28	42	38	731	4	62	249			317895.0	5360055.0	20
80-52477	7				15	14	6	425	16	25	17			317895.0	5360125.0	20
80-52478	13				17	16	14	183	9	19	23			317895.0	5360185.0	20
80-52479	11	5		5	23	51	16	504	14	30	25	5	12	317895.0	5360225.0	20
80-52487	8	40		5	24	28	19	437	6	42	18	5	114	317764.0	5361035.0	20
80-52498	7				28	28	19	265	5	61	17			317765.0	5360990.0	20
80-52499	9				33	55	16	284	10	82	21			317767.0	5360934.0	20
80-52500	5				12	12	5	84	5	12	7			317767.0	5360885.0	20
80-52501	5	30		5	18	14	10	164	4	38	11	5	56	317768.0	5360842.0	20
80-52502	7				28	20	17	682	8	39	19			317769.0	5360788.0	20
80-52503	7				32	17	16	889	9	46	22			317770.0	5360736.0	20
80-52504	8				29	15	17	666	24	48	21			317771.0	5360680.0	20
80-52505	7	20		5	26	17	12	1188	13	31	21	5	60	317772.0	5360635.0	20
80-52506	10				24	31	13	1090	12	31	30			317775.0	5360580.0	20
80-52507	8				25	34	13	484	8	33	26			317777.0	5360530.0	20
80-52508	12				24	54	20	900	14	35	29			317778.0	5360480.0	20
80-52509	11	520		5	22	49	10	169	6	32	28	10	82	317779.0	5360430.0	20

NUMERO BADGE	ELEMENTS			BI DPM	* CO PPM	* CR PPM	* CU PPM	* MN PPM	* MO DPM	* NI PPM	* PB PPM	* SB DPM	* W PPM	COORDONNEES		ZONE UTM
	* AG DPM	* AS DPM												UTM EST	UTM NORD	
80-52510	13				29	68	17	370	12	43	36			317783.0	5360375.0	20
80-52511	9				14	16	10	148	6	15	19			317785.0	5360326.0	20
80-52512	13				20	19	13	462	12	21	28			317786.0	5360275.0	20
80-52513	13	145		5	19	21	13	383	10	24	23	5	58	317788.0	5360230.0	20
80-52532	5	55		5	13	56	8	651	17	25	15	5	82	319300.0	5359500.0	20
80-52533	9				27	58	14	3764	16	43	25			319300.0	5359535.0	20
80-52534	8				28	44	21	259	12	76	22			319300.0	5359585.0	20
80-52536	7				28	59	20	313	11	48	22			319300.0	5359630.0	20
80-52537	8	10		5	26	44	19	200	7	55	28	5	20	319300.0	5359680.0	20
80-52538	10				30	64	26	214	4	90	23			319295.0	5359735.0	20
80-52539	8				24	48	14	320	12	44	20			319295.0	5359780.0	20
80-52540	10				33	74	20	644	9	56	29			319295.0	5359835.0	20
80-52541	6	20		5	25	55	17	247	11	43	19	5	34	319295.0	5359880.0	20
80-52542	8				30	36	23	428	6	51	39			319290.0	5359925.0	20
80-52543	10				39	87	25	489	14	51	29			319290.0	5359980.0	20
80-52544	9				47	93	13	6358	9	58	30			319290.0	5360030.0	20
80-52545	16	145		5	36	54	27	899	6	71	34	5	124	319290.0	5360075.0	20
80-52546	9				25	23	20	486	9	42	53			319290.0	5360125.0	20
80-52547	11				27	21	23	323	10	39	54			319290.0	5360175.0	20
80-52548	15				28	23	21	989	2	41	57			319290.0	5360230.0	20
80-52549	9	320		5	25	24	21	293	4	39	38	5	84	319290.0	5360275.0	20
80-52550	11				21	97	17	355	10	42	16			319285.0	5360315.0	20
80-52551	13				28	42	19	297	6	38	55			319285.0	5360370.0	20
80-52552	18				25	26	17	325	12	26	190			319280.0	5360420.0	20
80-52554	22	640		5	27	19	34	503	7	38	317	5	150	319280.0	5360465.0	20
80-52555	10				29	39	26	236	7	47	35			319280.0	5360510.0	20
80-52556	9				32	74	21	235	5	65	39			319275.0	5360560.0	20
80-52557	9				34	68	23	408	10	52	25			319275.0	5360615.0	20
80-52558	6	10		5	22	37	17	331	15	29	17	5	72	319270.0	5360660.0	20
80-52559	8				29	38	23	563	4	62	22			319270.0	5360705.0	20
80-52560	6				23	17	13	539	6	26	19			319270.0	5360760.0	20
80-52561	7				18	24	9	487	6	20	18			319265.0	5360815.0	20
80-52562	8	75		5	26	58	14	908	7	37	21	5	132	319265.0	5360860.0	20
80-52563	10				20	61	15	378	4	33	18			319265.0	5360915.0	20
80-52564	7				17	29	10	298	3	27	14			319260.0	5360970.0	20
80-52565	9				30	32	18	232	5	59	21			319260.0	5361005.0	20
80-52567	7	5		5	24	23	11	494	4	31	20	10	22	319260.0	5361045.0	20
80-52568	7	5		5	24	20	14	318	9	31	22	10	52	319260.0	5361065.0	20
80-52569	6				20	21	11	753	6	26	16			319365.0	5361025.0	20
80-52570	5				23	54	13	311	5	34	19			319365.0	5360970.0	20
80-52571	6				26	16	12	641	11	24	20			319365.0	5360920.0	20
80-52572	7	5		5	25	21	10	1463	26	22	20	5	6	319365.0	5360865.0	20
80-52573	6				21	21	12	478	7	26	17			319365.0	5360820.0	20
80-52575	6				24	22	15	362	10	32	17			319370.0	5360770.0	20
80-52576	5				27	13	22	268	6	33	19			319370.0	5360720.0	20
80-52577	7	150		10	30	20	23	363	9	42	22	5	196	319370.0	5360665.0	20
80-52578	6				24	37	16	336	12	36	19			319375.0	5360615.0	20
80-52579	7				25	28	18	234	7	46	17			319375.0	5360570.0	20
80-52580	11				22	20	16	2731	10	30	44			319375.0	5360515.0	20
80-52581	7	250		5	29	26	20	780	9	44	28	5	178	319375.0	5360475.0	20
80-52582	23				35	16	31	839	7	54	27			319375.0	5360425.0	20

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NUMERO BADGEQ	ELEMENTS			BI	*	CO	*	CR	*	CU	*	MN	*	MO	*	NI	*	PB	*	SB	*	W	*	COORDONNEES		ZONE
	PERMANENT	AG	AS																					DPM	PPM	
80-52583		6				20		15		14		235		6		25		16						319380.0	5360375.0	20
80-52584		9				28		15		23		514		5		37		22						319380.0	5360315.0	20
80-52585		5	170		5	14		7		9		186		10		15		11		5		150		319385.0	5360275.0	20
80-52586		6				25		16		17		207		7		34		28						319385.0	5360225.0	20
80-52587		7				28		20		23		418		10		50		23						319385.0	5360175.0	20
80-52588		6				17		13		11		312		11		19		13						319385.0	5360130.0	20
80-52589		9	250		5	29		22		22		637		7		44		27		5		126		319390.0	5360080.0	20
80-52590		6				34		62		20		439		10		69		19						319390.0	5360030.0	20
80-52591		9				37		69		21		336		13		66		26						319390.0	5359980.0	20
80-52593		9				34		45		23		264		11		66		22						319390.0	5359930.0	20
80-52594		5	20		5	24		23		21		170		12		43		16		5		48		319395.0	5359875.0	20
80-52595		7				24		31		19		262		6		52		17						319395.0	5359825.0	20
80-52596		12				33		50		26		314		16		85		21						319395.0	5359775.0	20
80-52597		7				26		35		26		350		8		65		21						319400.0	5359725.0	20
80-52598		8	30		5	21		35		12		309		11		26		14		5		70		319400.0	5359680.0	20
80-52599		6				25		20		19		700		5		34		17						319400.0	5359635.0	20
80-52600		7				21		35		13		159		4		39		12						319400.0	5359585.0	20
80-52601		10				25		50		18		267		5		56		15						319405.0	5359535.0	20
80-52602		7	10		5	25		52		17		696		3		45		14		5		94		319405.0	5359495.0	20
80-52603		8	10		5	28		69		14		299		6		53		14		5		66		319501.0	5359495.0	20
80-52604		7				29		63		17		238		6		55		15						319501.0	5359535.0	20
80-52605		11				33		55		24		6720		13		61		21						319501.0	5359585.0	20
80-52606		7				26		54		15		465		9		42		15						319500.0	5359635.0	20
80-52607		8	35		5	39		83		34		1268		12		126		27		5		1		319500.0	5359685.0	20
80-52609		12				36		63		18		432		10		77		19						319500.0	5359735.0	20
80-52610		9				29		36		16		443		9		50		18						319500.0	5359785.0	20
80-52611		10				33		56		22		314		13		74		21						319500.0	5359830.0	20
80-52612		6	10		5	26		54		16		199		9		47		15		5		34		319500.0	5359880.0	20
80-52614		7				33		38		26		324		9		55		23						319495.0	5359930.0	20
80-52615		10				25		41		17		356		10		45		16						319495.0	5359985.0	20
80-52616		10				21		46		11		366		9		43		14						319495.0	5360035.0	20
80-52617		13	70		5	24		34		26		599		10		43		68		10		108		319490.0	5360090.0	20
80-52618		6				27		22		16		620		8		37		20						319490.0	5360135.0	20
80-52619		5				18		13		13		171		6		21		13						319490.0	5360185.0	20
80-52620		6				18		13		11		289		9		20		12						319490.0	5360230.0	20
80-52621		6	70		5	16		12		11		207		7		20		10		5		82		319482.0	5360279.0	20
80-52622		11				34		17		24		784		10		39		22						319479.0	5360324.0	20
80-52623		12				30		16		22		877		5		44		20						319478.0	5360375.0	20
80-52624		7				31		12		28		806		6		47		19						319475.0	5360421.0	20
80-52625		10	70		5	34		25		22		443		6		45		25		5		124		319475.0	5360475.0	20
80-52626		7				27		28		15		398		8		32		18						319480.0	5360520.0	20
80-52627		13				31		24		26		610		7		42		28						319475.0	5360575.0	20
80-52628		6				21		23		12		316		5		21		14						319475.0	5360625.0	20
80-52629		7	40		5	27		28		12		270		6		42		18		5		112		319475.0	5360675.0	20
80-52630		7				33		33		22		490		6		54		22						319472.0	5360718.0	20
80-52631		6				21		17		14		525		10		25		14						319475.0	5360770.0	20
80-52632		7				21		24		13		460		9		28		15						319475.0	5360820.0	20
80-52633		4	50		5	20		14		12		259		12		23		14		5		106		319470.0	5360870.0	20
80-52634		5				20		13		11		652		8		20		14						319470.0	5360915.0	20
80-52635		5				22		15		9		414		10		19		17						319470.0	5360970.0	20
80-52636		7				30		16		16		375		8		33		23						319470.0	5361025.0	20

PROJET 80-019			MRN	MICHELE GOYER	REBOUL	(SO)	NTS	PAGE : 12									
NUMERO BADGE	ELEMENTS			* BI DPM	* CO PPM	* CR PPM	* CU PPM	* MN PPM	* MO DPM	* NI PPM	* PB PPM	* SB DPM	* W PPM	* COORDONNEES		COORDONNEES	ZONE
	* AG DPM	* AS DPM												UTM EST	UTM NORD	UTM	
80-52637	5		10	5	25	17	14	200	5	30	18	5	66	319470.0	5361070.0		20
80-52638	9		5	5	26	65	17	305	10	58	18	5	1	319615.0	5359495.0		20
80-52639	9				33	104	12	831	7	47	17			319615.0	5359535.0		20
80-52640	10				35	82	27	960	12	162	27			319610.0	5359590.0		20
80-52641	10				30	74	24	560	10	82	22			319610.0	5359635.0		20
80-52642	7	75		5	23	25	15	313	5	29	16	5	62	319605.0	5359690.0		20
80-52643	6				21	17	14	315	6	21	14			319605.0	5359730.0		20
80-52644	8				27	27	15	238	8	34	22			319605.0	5359785.0		20
80-52646	8				26	33	15	258	10	43	17			319605.0	5359835.0		20
80-52648	7	30		5	30	47	24	709	7	61	20	5	54	319605.0	5359885.0		20
80-52649	8				25	55	15	264	7	45	18			319600.0	5359935.0		20
80-52650	7				21	47	11	245	13	32	12			319600.0	5359990.0		20
80-52651	10				33	88	16	2487	10	42	23			319595.0	5360040.0		20
80-52653	7	30		5	23	40	19	650	7	41	19	5	72	319595.0	5360090.0		20
80-52654	7				19	16	15	460	5	27	16			319595.0	5360135.0		20
80-52655	6				18	12	12	402	4	22	13			319590.0	5360185.0		20
80-52656	6				16	22	10	178	6	21	13			319590.0	5360235.0		20
80-52657	12	1800		5	22	18	17	245	5	31	16	5	106	319590.0	5360285.0		20
80-52658	7				29	19	23	693	5	41	19			319585.0	5360335.0		20
80-52659	6				16	16	10	389	7	19	9			319585.0	5360385.0		20
80-52661	6				23	13	17	404	6	28	15			319585.0	5360430.0		20
80-52662	7	45		5	31	28	24	554	8	50	20	5	45	319585.0	5360480.0		20
80-52663	7				26	28	18	379	8	39	18			319580.0	5360530.0		20
80-52664	10				38	36	26	502	10	55	26			319580.0	5360580.0		20
80-52665	6				26	18	19	686	7	26	18			319575.0	5360625.0		20
80-52666	6	20		5	30	21	22	504	10	39	18	5	18	319575.0	5360680.0		20
80-52667	7				32	29	20	482	10	40	21			319575.0	5360725.0		20
80-52668	6				23	22	14	439	8	30	14			319575.0	5360780.0		20
80-52669	8				22	23	16	522	8	29	18			319570.0	5360830.0		20
80-52670	5	75		5	24	19	13	510	9	28	15	5	108	319570.0	5360885.0		20
80-52671	6				24	22	13	407	10	27	16			319565.0	5360930.0		20
80-52672	12				29	15	9	1058	14	21	21			319565.0	5360975.0		20
80-52673	7				33	17	18	618	10	36	22			319565.0	5361025.0		20
80-52674	5	30		5	17	14	7	302	6	15	13	10	66	319565.0	5361082.1		20
80-52675	7	35		5	24	55	12	334	10	42	14	5	138	319710.0	5359505.6		20
80-52676	4				14	26	7	125	6	19	7			319706.0	5359545.0		20
80-52677	6				18	45	8	473	5	19	9			319705.1	5359585.0		20
80-52678	7				28	40	13	564	10	29	14			319700.0	5359640.0		20
80-52679	6	45		5	22	21	11	379	6	19	13	10	72	319700.0	5359690.0		20
80-52680	7				24	27	14	212	6	21	17			319700.0	5359735.0		20
80-52681	6				18	22	10	270	4	28	12			319700.0	5359785.0		20
80-52682	6				28	35	16	1303	9	37	18			319697.2	5359845.2		20
80-52683	6	45		5	21	21	16	267	3	32	14	5	74	319695.0	5359900.0		20
80-52684	10				28	64	19	358	6	70	17			319694.0	5359945.0		20
80-52685	6				17	12	12	594	8	27	19			319692.0	5359995.0		20
80-52687	10				31	23	21	890	9	42	21			319690.0	5360040.0		20
80-52688	6	90		5	27	27	20	914	5	35	19	10	70	319690.0	5360095.0		20
80-52689	6				26	23	18	685	5	37	18			319689.0	5360140.0		20
80-52690	6				32	24	23	601	8	54	22			319685.0	5360185.0		20
80-52692	6				30	21	24	721	6	45	19			319685.0	5360230.0		20
80-52693	6	150		5	21	14	13	318	6	28	15	10	104	319682.0	5360286.0		20

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NUMERO BADGE	ELEMENTS			* BI DPM	* CO PPM	* CR PPM	* CU PPM	* MN PPM	* MO DPM	* NI PPM	* PB PPM	* SB DPM	* W PPM	* COORDONNEES		ZONE		
	PERMANENT	* AG DPM	* AS DPM											UTM EST	UTM NORD		UTM	
80-52694	7				19	17	16	2894	7	24	11			319683.0	5360350.0	20		
80-52695	6				31	21	25	734	6	59	21			319685.0	5360388.0	20		
80-52696	7				32	28	28	571	7	54	20			319681.0	5360433.0	20		
80-52697	8		30	5	34	16	29	832	8	52	23	5	60	319680.0	5360480.0	20		
80-52698	7				30	25	22	576	7	38	20			319678.0	5360529.0	20		
80-52699	5				16	12	10	202	5	15	10			319679.0	5360580.0	20		
80-52700	5				17	14	10	193	5	15	10			319674.0	5360620.0	20		
80-52701	10		70	5	29	20	19	774	11	35	21	5	128	319675.0	5360675.0	20		
80-52702	7				33	23	24	1479	8	50	21			319675.0	5360722.0	20		
80-52703	7				31	25	19	686	5	50	21			319672.0	5360778.0	20		
80-52704	17				27	27	191	1387	11	43	94			319672.0	5360825.0	20		
80-52705	7		5	5	25	28	14	398	10	45	15	5	32	319670.0	5360878.0	20		
80-52706	6				23	21	14	375	6	33	17			319668.0	5360928.0	20		
80-52707	5				18	13	11	218	6	21	13			319660.0	5360975.0	20		
80-52708	8				31	20	16	1134	10	33	21			319660.0	5361015.0	20		
80-52709	6		40	5	28	16	14	1002	6	29	20	5	84	319660.0	5361070.0	20		
80-52710	6		35	5	21	14	11	628	5	22	16	5	110	319755.0	5361090.0	20		
80-52711	7				28	31	14	430	7	43	19			319755.0	5361140.0	20		
80-52712	7				25	30	14	287	5	38	17			319755.0	5360990.0	20		
80-52713	6				27	32	16	299	10	48	17			319760.0	5360940.0	20		
80-52714	6		40	5	16	18	9	208	8	19	13	5	88	319760.0	5360895.0	20		
80-52715	6				26	23	18	326	8	35	16			319760.0	5360835.0	20		
80-52717	6				30	23	22	574	11	40	21			319765.0	5360795.0	20		
80-52718	7				30	30	24	702	10	49	22			319765.0	5360745.0	20		
80-52719	6		10	5	23	22	13	451	11	25	15	5	44	319765.0	5360690.0	20		
80-52720	6				28	19	18	267	10	30	19			319765.0	5360635.0	20		
80-52721	7				26	35	21	344	5	51	17			319770.0	5360590.0	20		
80-52722	4				19	10	14	277	6	25	13			319770.0	5360540.0	20		
80-52723	6		25	5	20	22	13	284	8	32	13	5	74	319775.0	5360490.0	20		
80-52724	5				30	14	26	573	3	38	23			319775.0	5360435.0	20		
80-52725	5				30	14	25	233	7	72	21			319775.0	5360390.0	20		
80-52726	7				25	18	16	3879	6	36	16			319775.0	5360340.0	20		
80-52727	6		10	5	27	13	15	1751	9	33	19	5	30	319780.0	5360285.0	20		
80-52728	5				26	17	23	505	6	47	17			319780.0	5360240.0	20		
80-52729	6				20	15	17	454	4	27	14			319785.0	5360195.0	20		
80-52731	6				20	20	17	290	4	35	14			319785.0	5360145.0	20		
80-52732	6		20	5	19	32	23	636	11	41	45	5	64	319785.0	5360100.0	20		
80-52733	6				23	26	20	504	9	40	15			319790.0	5360045.0	20		
80-52734	7				32	31	27	282	6	78	21			319790.0	5359995.0	20		
80-52735	7				21	31	12	411	8	27	14			319795.0	5359940.0	20		
80-52736	6		25	5	24	26	17	529	4	41	18	5	54	319795.0	5359885.0	20		
80-52737	6				24	33	16	604	6	46	17			319795.0	5359830.0	20		
80-52739	5				24	44	19	277	16	44	16			319800.0	5359790.0	20		
80-52740	5				17	23	9	439	4	27	14			319798.0	5359742.1	20		
80-52741	7		45	5	29	30	25	588	5	50	22	5	164	319800.0	5359690.0	20		
80-52742	7				26	36	23	329	10	58	18			319805.0	5359640.0	20		
80-52743	10				31	85	22	493	12	74	22			319805.0	5359585.0	20		
80-52744	8				19	57	13	299	6	44	12			319805.0	5359535.0	20		
80-52745	8		80	5	27	65	17	515	9	61	18	5	24	319810.0	5359485.0	20		
80-52746	8		30	5	22	52	10	513	10	30	14	5	90	319912.0	5359490.0	20		
80-52747	8				28	58	17	357	1	53	15			319910.0	5359538.0	20		

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NUMERO BADGEO	ELEMENTS		* BI	* CO	* CR	* CU	* MN	* MO	* NI	* PB	* SB	* W	* COORDONNEES		ZONE	
	* AG	* AS											UTM EST	UTM NORD		UTM
PERMANENT	DPM	DPM	DPM	PPM	PPM	PPM	PPM	DPM	PPM	DPM	PPM	DPM	PPM	UTM EST	UTM NORD	UTM
80-52748	8			23	32	15	252	8	44	14				319910.0	5359588.0	20
80-52749	7			17	24	13	228	10	30	12				319908.0	5359642.0	20
80-52750	8	50	5	31	31	27	494	8	57	21	5	80		319905.0	5359695.0	20
80-52751	100			32	62	24	267	10	70	20				319901.0	5359740.0	20
80-52752	6			27	31	19	588	13	55	16				319900.0	5359790.0	20
80-52753	8			24	36	20	200	10	57	15				319900.0	5359843.0	20
80-52754	8	20	5	27	35	22	368	12	59	19	5	74		319896.0	5359895.0	20
80-52755	8			30	67	22	420	10	75	16				319898.0	5359945.0	20
80-52756	7			24	30	20	244	8	55	14				319894.0	5359998.0	20
80-52757	7			25	31	16	537	7	48	15				319893.0	5360040.0	20
80-52758	11	30	5	25	35	24	2234	10	46	45	5	76		319892.0	5360097.0	20
80-52759	10			27	38	22	314	9	60	18				319890.0	5360140.0	20
80-52761	6			15	12	9	333	2	20	12				319888.0	5360190.0	20
80-52762	6			19	14	9	1270	5	20	15				319887.0	5360241.0	20
80-52763	6	25	5	17	10	9	1706	3	19	14	5	92		319885.0	5360292.0	20
80-52764	5			26	17	22	258	6	64	16				319884.0	5360337.0	20
80-52765	5			24	14	19	91	5	49	15				319882.0	5360390.0	20
80-52766	6			14	21	9	347	4	22	12				319882.0	5360445.0	20
80-52767	8	30	5	25	31	22	460	8	49	18	5	66		319881.0	5360490.0	20
80-52768	7			26	18	23	525	7	40	19				319880.0	5360550.0	20
80-52770	7			26	27	18	386	6	33	20				319878.0	5360595.0	20
80-52781	7	15	5	24	27	18	1202	8	38	17	5	34		319850.0	5361119.0	20

NUMERO BADGE	ELEMENTS		COORDONNEES		ZONE
	* ZN *	PPM	UTM EST	UTM NORD	
80-52001	95		319220.0	5359485.0	20
80-52002	106		319210.0	5359525.0	20
80-52003	86		319200.0	5359570.0	20
80-52004	70		319200.0	5359522.0	20
80-52005	63		319190.0	5359675.0	20
80-52006	75		319190.0	5359715.0	20
80-52007	129		319190.0	5359770.0	20
80-52008	106		319190.0	5359815.0	20
80-52009	175		319190.0	5359870.0	20
80-52010	154		319190.0	5359915.0	20
80-52011	100		319185.0	5359970.0	20
80-52012	154		319185.0	5360020.0	20
80-52014	104		319185.0	5360075.0	20
80-52015	112		319185.0	5360120.0	20
80-52016	152		319185.0	5360165.0	20
80-52017	83		319185.0	5360230.0	20
80-52018	320		319185.0	5360275.0	20
80-52019	122		319185.0	5360330.0	20
80-52020	198		319185.0	5360365.0	20
80-52021	67		319180.0	5360415.0	20
80-52022	138		319180.0	5360465.0	20
80-52023	81		319175.0	5360520.0	20
80-52024	101		319175.0	5360570.0	20
80-52025	123		319170.0	5360615.0	20
80-52026	84		319170.0	5360665.0	20
80-52027	122		319165.0	5360720.0	20
80-52029	125		319165.0	5360770.0	20
80-52030	72		319165.0	5360820.0	20
80-52031	81		319165.0	5360870.0	20
80-52032	77		319165.0	5360920.0	20
80-52033	227		319160.0	5360975.0	20
80-52034	50		319155.0	5361022.0	20
80-52035	48		319155.0	5361065.0	20
80-52036	69		319055.0	5361020.0	20
80-52037	54		319055.0	5361062.0	20
80-52038	71		319055.0	5360975.0	20
80-52039	64		319055.0	5360925.0	20
80-52040	74		319060.0	5360875.0	20
80-52041	129		319060.0	5360825.0	20
80-52042	80		319062.0	5360778.0	20
80-52043	115		319062.0	5360720.0	20
80-52044	137		319065.0	5360670.0	20
80-52045	322		319065.0	5360635.0	20
80-52047	6640		319070.0	5360575.0	20
80-52048	3000		319070.0	5360520.0	20
80-52049	637		319070.0	5360470.0	20
80-52050	788		319072.0	5360415.0	20
80-52051	294		319075.0	5360365.0	20
80-52053	159		319075.0	5360320.0	20
80-52054	346		319080.0	5360265.0	20
80-52055	274		319080.0	5360220.0	20

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NUMERO BADGEQ	ELEMENTS		COORDONNEES		ZONE
	* ZN *	PPM	UTM EST	UTM NORD	
80-52056	425		319085.0	5360170.0	20
80-52057	304		319085.0	5360122.0	20
80-52058	127		319085.0	5360075.0	20
80-52059	89		319085.0	5360025.0	20
80-52060	91		319085.0	5359970.0	20
80-52061	143		319090.0	5359915.0	20
80-52062	138		319090.0	5359865.0	20
80-52063	146		319095.0	5359810.0	20
80-52064	124		319095.0	5359772.0	20
80-52065	105		319098.0	5359715.0	20
80-52066	143		319098.0	5359665.0	20
80-52068	78		319100.0	5359615.0	20
80-52069	88		319100.0	5359570.0	20
80-52070	69		319100.0	5359520.0	20
80-52071	102		319102.0	5359480.0	20
80-52072	113		319000.0	5359430.0	20
80-52073	60		319000.0	5359520.0	20
80-52074	106		319000.0	5359562.0	20
80-52075	107		318995.0	5359610.0	20
80-52076	113		318995.0	5359660.0	20
80-52077	128		318995.0	5359715.0	20
80-52078	53		318995.0	5359760.0	20
80-52079	113		318997.0	5359805.0	20
80-52080	192		318997.0	5359855.0	20
80-52081	127		318990.0	5359910.0	20
80-52082	105		318990.0	5359955.0	20
80-52083	81		318990.0	5360010.0	20
80-52084	97		318985.0	5360065.0	20
80-52085	174		318985.0	5360110.0	20
80-52086	112		318985.0	5360165.0	20
80-52087	560		318980.0	5360220.0	20
80-52088	202		318980.0	5360265.0	20
80-52089	334		318975.0	5360315.0	20
80-52090	356		318975.0	5360365.0	20
80-52091	173		318975.0	5360410.0	20
80-52092	124		318975.0	5360465.0	20
80-52093	138		318970.0	5360510.0	20
80-52095	114		318970.0	5360565.0	20
80-52096	150		318970.0	5360615.0	20
80-52097	131		318965.0	5360665.0	20
80-52098	123		318965.0	5360720.0	20
80-52099	72		318965.0	5360765.0	20
80-52100	103		318965.0	5360820.0	20
80-52101	72		318965.0	5360870.0	20
80-52103	46		318960.0	5360915.0	20
80-52104	45		318960.0	5360970.0	20
80-52105	91		318960.0	5361025.0	20
80-52107	65		318955.0	5361070.0	20
80-52108	71		318860.0	53611070.0	20
80-52109	76		318860.0	53611020.0	20
80-52110	142		318865.0	5360970.0	20

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NUMERO BADGEQ	ELEMENTS * ZN *	COORDONNEES		
		UTM EST	UTM NORD	ZONE
PERMANENT	PPM			
80-52111	146	318865.0	5360915.0	20
80-52112	76	318865.0	5360865.0	20
80-52113	48	318865.0	5360815.0	20
80-52114	67	318865.0	5360765.0	20
80-52115	84	318870.0	5360715.0	20
80-52116	97	318870.0	5360660.0	20
80-52117	132	318870.0	5360605.0	20
80-52118	102	318870.0	5360560.0	20
80-52119	134	318875.0	5360510.0	20
80-52120	110	318875.0	5360460.0	20
80-52121	65	318875.0	5360405.0	20
80-52122	122	318875.0	5360360.0	20
80-52123	177	318885.0	5360309.0	20
80-52124	170	318880.0	5360275.0	20
80-52125	227	318880.0	5360215.0	20
80-52126	330	318885.0	5360157.0	20
80-52127	377	318885.0	5360110.0	20
80-52128	289	318885.0	5360057.0	20
80-52129	121	318885.0	5360010.0	20
80-52130	139	318890.0	5359955.0	20
80-52131	162	318890.0	5359905.0	20
80-52132	111	318890.0	5359850.0	20
80-52133	154	318890.0	5359805.0	20
80-52134	55	318890.0	5359765.0	20
80-52135	78	318890.0	5359710.0	20
80-52136	139	318895.0	5359665.0	20
80-52137	115	318895.0	5359615.0	20
80-52138	106	318895.0	5359565.0	20
80-52139	108	318895.0	5359515.0	20
80-52140	70	318895.0	5359482.0	20
80-52141	46	318795.0	5359480.0	20
80-52142	128	318795.0	5359520.0	20
80-52143	90	318795.0	5359565.0	20
80-52144	74	318795.0	5359630.0	20
80-52146	173	318792.0	5359680.0	20
80-52147	112	318792.0	5359725.0	20
80-52148	64	318790.0	5359770.0	20
80-52149	81	318790.0	5359815.0	20
80-52150	140	318790.0	5359865.0	20
80-52151	250	318785.0	5359910.0	20
80-52154	191	318785.0	5359965.0	20
80-52155	161	318785.0	5360012.0	20
80-52156	136	318785.0	5360065.0	20
80-52157	535	318785.0	5360115.0	20
80-52158	785	318780.0	5360165.0	20
80-52159	235	318780.0	5360210.0	20
80-52160	117	318780.0	5360275.0	20
80-52161	91	318780.0	5360305.0	20
80-52162	858	318775.0	5360355.0	20
80-52163	128	318775.0	5360405.0	20
80-52164	97	318775.0	5360460.0	20

NUMERO BADGEQ	ELEMENTS		COORDONNEES UTM EST	COORDONNEES UTM NORD	ZONE
	* ZN *	PPM			
80-52165	128		318775.0	5360505.0	20
80-52166	162		318775.0	5360565.0	20
80-52167	122		318770.0	5360605.0	20
80-52168	61		318770.0	5360665.0	20
80-52170	137		318770.0	5360705.0	20
80-52171	113		318770.0	5360760.0	20
80-52172	90		318765.0	5360815.0	20
80-52173	130		318765.0	5360865.0	20
80-52174	43		318765.0	5360915.0	20
80-52175	82		318765.0	5360965.0	20
80-52176	74		318765.0	5361015.0	20
80-52177	48		318760.0	5361065.0	20
80-52178	96		318660.0	5361060.0	20
80-52179	64		318660.0	5361005.0	20
80-52181	46		318660.0	5360955.0	20
80-52182	43		318665.0	5360905.0	20
80-52183	94		318665.0	5360855.0	20
80-52185	62		318665.0	5360805.0	20
80-52186	96		318665.0	5360750.0	20
80-52187	705		318665.0	5360695.0	20
80-52188	60		318670.0	5360645.0	20
80-52189	60		318670.0	5360595.0	20
80-52190	115		318675.0	5360545.0	20
80-52191	65		318675.0	5360500.0	20
80-52192	85		318675.0	5360445.0	20
80-52193	140		318680.0	5360400.0	20
80-52194	515		318680.0	5360345.0	20
80-52195	854		318680.0	5360295.0	20
80-52196	195		318680.0	5360250.0	20
80-52197	673		318685.0	5360210.0	20
80-52198	127		318685.0	5360155.0	20
80-52199	235		318685.0	5360110.0	20
80-52200	105		318685.0	5360060.0	20
80-52201	100		318690.0	5360005.0	20
80-52202	72		318690.0	5359955.0	20
80-52203	88		318694.0	5359910.0	20
80-52204	109		318695.0	5359862.0	20
80-52205	74		318696.0	5359811.0	20
80-52206	117		318699.0	5359765.0	20
80-52207	37		318697.0	5359716.0	20
80-52208	93		318699.0	5359674.0	20
80-52209	41		318700.0	5359625.0	20
80-52210	144		318700.0	5359575.0	20
80-52211	98		318699.0	5359524.0	20
80-52212	72		318701.0	5359480.0	20
80-52213	125		318604.0	5359478.0	20
80-52214	130		318603.0	5359525.0	20
80-52215	135		318605.0	5359565.0	20
80-52216	148		318600.0	5359610.0	20
80-52217	110		318600.0	5359660.0	20
80-52218	91		318595.0	5359700.0	20

NUMERO BADGEQ	ELEMENTS		COORDONNEES		ZONE
	PERMANENT	PPM	UTM EST	UTM NORD	
80-52219	108		318595.0	5359750.0	20
80-52220	84		318595.0	5359800.0	20
80-52221	80		318595.0	5359845.0	20
80-52222	136		318595.0	5359895.0	20
80-52224	135		318590.0	5359950.0	20
80-52225	104		318590.0	5360000.0	20
80-52227	100		318585.0	5360050.0	20
80-52228	129		318585.0	5360100.0	20
80-52229	608		318585.0	5360152.0	20
80-52230	233		318580.0	5360205.0	20
80-52231	145		318580.0	5360250.0	20
80-52232	96		318580.0	5360285.0	20
80-52233	229		318575.0	5360345.0	20
80-52234	612		318575.0	5360395.0	20
80-52235	74		318570.0	5360445.0	20
80-52236	115		318570.0	5360495.0	20
80-52237	78		318570.0	5360545.0	20
80-52238	128		318570.0	5360590.0	20
80-52239	55		318565.0	5360645.0	20
80-52240	70		318565.0	5360695.0	20
80-52241	83		318565.0	5360755.0	20
80-52242	73		318560.0	5360805.0	20
80-52243	47		318560.0	5360860.0	20
80-52244	90		318560.0	5360910.0	20
80-52245	65		318560.0	5360960.0	20
80-52246	49		318555.0	5361010.0	20
80-52247	83		318555.0	5361050.0	20
80-52248	62		318460.0	5361055.0	20
80-52250	83		318460.0	5361010.0	20
80-52251	48		318465.0	5360960.0	20
80-52253	84		318465.0	5360915.0	20
80-52254	61		318465.0	5360870.0	20
80-52255	81		318465.0	5360820.0	20
80-52256	59		318465.0	5360768.0	20
80-52257	55		318470.0	5360715.0	20
80-52258	76		318470.0	5360660.0	20
80-52259	49		318475.0	5360605.0	20
80-52260	163		318475.0	5360550.0	20
80-52261	567		318475.0	5360502.0	20
80-52263	813		318480.0	5360455.0	20
80-52264	171		318480.0	5360402.0	20
80-52265	156		318480.0	5360345.0	20
80-52266	249		318480.0	5360290.0	20
80-52267	194		318485.0	5360245.0	20
80-52268	598		318485.0	5360205.0	20
80-52269	105		318485.0	5360150.0	20
80-52270	111		318490.0	5360095.0	20
80-52271	140		318490.0	5360045.0	20
80-52272	57		318490.0	5359995.0	20
80-52274	78		318495.0	5359950.0	20
80-52275	108		318495.0	5359895.0	20

NUMERO BADGEQ	ELEMENTS		COORDONNEES			ZONE
	* ZN *	PPM	UTM EST	UTM NORD	UTM	
80-52276	93		318495.0	5359850.0	20	
80-52277	158		318495.0	5359795.0	20	
80-52278	97		318495.0	5359750.0	20	
80-52279	132		318495.0	5359705.0	20	
80-52280	203		318500.0	5359660.0	20	
80-52281	125		318500.0	5359605.0	20	
80-52282	74		318500.0	5359565.0	20	
80-52283	114		318505.0	5359520.0	20	
80-52284	129		318505.0	5359490.0	20	
80-52285	88		318400.0	5359470.0	20	
80-52286	105		318399.0	5359505.0	20	
80-52287	120		318399.0	5359555.0	20	
80-52288	97		318395.0	5359600.0	20	
80-52289	70		318395.0	5359650.0	20	
80-52290	34		318395.0	5359700.0	20	
80-52291	98		318395.0	5359745.0	20	
80-52292	160		318395.0	5359795.0	20	
80-52293	120		318395.0	5359840.0	20	
80-52294	68		318395.0	5359885.0	20	
80-52295	50		318390.0	5359940.0	20	
80-52296	118		318390.0	5359985.0	20	
80-52297	154		318390.0	5360040.0	20	
80-52298	138		318385.0	5360085.0	20	
80-52299	340		318385.0	5360145.0	20	
80-52300	132		318385.0	5360200.0	20	
80-52302	251		318380.0	5360240.0	20	
80-52303	625		318380.0	5360290.0	20	
80-52304	138		318380.0	5360340.0	20	
80-52305	112		318380.0	5360395.0	20	
80-52306	47		318375.0	5360440.0	20	
80-52308	96		318375.0	5360490.0	20	
80-52309	136		318375.0	5360545.0	20	
80-52310	519		318375.0	5360595.0	20	
80-52311	105		318375.0	5360650.0	20	
80-52312	45		318370.0	5360700.0	20	
80-52313	76		318370.0	5360765.0	20	
80-52314	98		318365.0	5360810.0	20	
80-52316	86		318365.0	5360860.0	20	
80-52317	59		318365.0	5360910.0	20	
80-52318	68		318365.0	5360960.0	20	
80-52319	75		318360.0	5361005.0	20	
80-52320	52		318360.0	5361045.0	20	
80-52321	84		318255.0	5361015.0	20	
80-52322	86		318255.0	5360965.0	20	
80-52323	56		318265.0	5360920.0	20	
80-52324	62		318255.0	5360875.0	20	
80-52325	71		318260.0	5360820.0	20	
80-52326	94		318260.0	5360770.0	20	
80-52327	80		318265.0	5360725.0	20	
80-52328	71		318265.0	5360675.0	20	
80-52329	160		318265.0	5360625.0	20	

NUMERO BADGEQ	ELEMENTS		COORDONNEES		
	* ZN *	PPM	UTM EST	UTM NORD	ZONE
80-52330	151		318270.0	5360575.0	20
80-52331	184		318270.0	5360530.0	20
80-52332	83		318270.0	5360480.0	20
80-52333	91		318265.0	5360440.0	20
80-52334	192		318270.0	5360390.0	20
80-52335	614		318275.0	5360340.0	20
80-52336	261		318275.0	5360280.0	20
80-52337	274		318280.0	5360240.0	20
80-52338	520		318280.0	5360195.0	20
80-52339	326		318280.0	5360145.0	20
80-52341	157		318280.0	5360090.0	20
80-52342	283		318285.0	5360040.0	20
80-52343	160		318285.0	5359985.0	20
80-52344	116		318285.0	5359945.0	20
80-52346	93		318290.0	5359885.0	20
80-52347	102		318290.0	5359835.0	20
80-52348	101		318290.0	5359790.0	20
80-52349	120		318295.0	5359745.0	20
80-52350	128		318295.0	5359695.0	20
80-52351	100		318295.0	5359645.0	20
80-52352	89		318295.0	5359600.0	20
80-52353	42		318300.0	5359545.0	20
80-52354	124		318300.0	5359495.0	20
80-52355	100		318300.0	5359460.0	20
80-52356	71		318145.0	5361025.0	20
80-52358	64		318150.0	5360975.0	20
80-52359	71		318150.0	5360925.0	20
80-52360	64		318155.0	5360875.0	20
80-52361	72		318155.0	5360825.0	20
80-52362	74		318155.0	5360770.0	20
80-52363	60		318155.0	5360725.0	20
80-52364	141		318160.0	5360670.0	20
80-52365	69		318160.0	5360625.0	20
80-52366	118		318165.0	5360575.0	20
80-52367	202		318165.0	5360525.0	20
80-52368	334		318165.0	5360480.0	20
80-52369	155		318170.0	5360435.0	20
80-52370	153		318170.0	5360390.0	20
80-52371	740		318175.0	5360340.0	20
80-52372	239		318175.0	5360285.0	20
80-52373	1610		318175.0	5360235.0	20
80-52374	462		318180.0	5360200.0	20
80-52375	408		318180.0	5360145.0	20
80-52376	418		318180.0	5360100.0	20
80-52377	263		318180.0	5360045.0	20
80-52378	82		318180.0	5359995.0	20
80-52380	81		318185.0	5359935.0	20
80-52381	83		318185.0	5359880.0	20
80-52382	76		318190.0	5359830.0	20
80-52383	119		318195.0	5359785.0	20
80-52384	175		318195.0	5359740.0	20

NUMERO BADGEQ	ELEMENTS * ZN *	PERMANENT	PPM	COORDONNEES			ZONE
				UTM EST	UTM NORD	UTM	
80-52385	140			318195.0	5359690.0		20
80-52386	128			318200.0	5359640.0		20
80-52387	137			318200.0	5359590.0		20
80-52388	141			318205.0	5359535.0		20
80-52389	108			318205.0	5359495.0		20
80-52390	124			318205.0	5359465.0		20
80-52391	82			318110.0	5359460.0		20
80-52392	86			318105.0	5359495.0		20
80-52394	92			318105.0	5359545.0		20
80-52395	72			318105.0	5359590.0		20
80-52396	83			318100.0	5359645.0		20
80-52397	100			318100.0	5359695.0		20
80-52398	69			318100.0	5359740.0		20
80-52399	71			318095.0	5359780.0		20
80-52400	68			318095.0	5359835.0		20
80-52401	80			318095.0	5359880.0		20
80-52402	84			318090.0	5359940.0		20
80-52403	153			318090.0	5359990.0		20
80-52404	384			318090.0	5360045.0		20
80-52405	190			318090.0	5360090.0		20
80-52406	154			318090.0	5360140.0		20
80-52407	180			318090.0	5360200.0		20
80-52408	228			318085.0	5360235.0		20
80-52409	150			317985.0	5360275.0		20
80-52410	208			317980.0	5360330.0		20
80-52411	297			317980.0	5360380.0		20
80-52412	349			317975.0	5360430.0		20
80-52413	140			317975.0	5360480.0		20
80-52414	93			317970.0	5360535.0		20
80-52415	104			317970.0	5360580.0		20
80-52416	131			317970.0	5360630.0		20
80-52417	78			317965.0	5360685.0		20
80-52419	84			317965.0	5360740.0		20
80-52420	59			317965.0	5360790.0		20
80-52421	70			317960.0	5360845.0		20
80-52423	56			317960.0	5360900.0		20
80-52424	69			317955.0	5360940.0		20
80-52425	53			317955.0	5360980.0		20
80-52426	60			317950.0	5361015.0		20
80-52427	85			318060.0	5361030.0		20
80-52428	71			318060.0	5360985.0		20
80-52429	82			318065.0	5360935.0		20
80-52430	92			318065.0	5360890.0		20
80-52431	84			318070.0	5360845.0		20
80-52432	100			318070.0	5360795.0		20
80-52433	164			318070.0	5360745.0		20
80-52434	120			318075.0	5360680.0		20
80-52435	90			318075.0	5360640.0		20
80-52436	187			318080.0	5360585.0		20
80-52437	174			318080.0	5360540.0		20
80-52438	95			318080.0	5360495.0		20

08/11/84-1441-23

NUMERO BADGEQ	ELEMENTS		COORDONNEES		ZONE
	* ZN *	PPM	UTM EST	UTM NORD	
80-52439	137		318080.0	5360440.0	20
80-52440	92		318080.0	5360395.0	20
80-52441	129		318080.0	5360340.0	20
80-52442	162		318085.0	5360285.0	20
80-52444	149		317985.0	5360230.0	20
80-52445	143		317985.0	5360190.0	20
80-52446	57		317990.0	5360135.0	20
80-52447	115		317990.0	5360075.0	20
80-52448	178		317990.0	5360030.0	20
80-52449	604		317995.0	5359975.0	20
80-52450	129		317995.0	5359930.0	20
80-52451	84		317995.0	5359870.0	20
80-52452	71		317995.0	5359825.0	20
80-52453	72		318000.0	5359780.0	20
80-52454	70		318000.0	5359730.0	20
80-52455	70		318005.0	5359695.0	20
80-52456	102		318005.0	5359645.0	20
80-52458	121		318005.0	5359590.0	20
80-52459	120		318010.0	5359545.0	20
80-52460	126		318010.0	5359490.0	20
80-52461	85		318010.0	5359455.0	20
80-52462	119		317915.0	5359450.0	20
80-52463	82		317915.0	5359485.0	20
80-52464	62		317910.0	5359535.0	20
80-52465	164		317910.0	5359580.0	20
80-52467	90		317910.0	5359630.0	20
80-52468	88		317905.0	5359680.0	20
80-52469	49		317905.0	5359730.0	20
80-52470	56		317905.0	5359780.0	20
80-52471	59		317905.0	5359825.0	20
80-52472	80		317905.0	5359865.0	20
80-52473	131		317900.0	5359925.0	20
80-52474	648		317900.0	5359965.0	20
80-52475	114		317895.0	5360020.0	20
80-52476	512		317895.0	5360065.0	20
80-52477	100		317895.0	5360125.0	20
80-52478	73		317895.0	5360185.0	20
80-52479	156		317895.0	5360225.0	20
80-52497	93		317764.0	5361033.0	20
80-52498	123		317765.0	5360980.0	20
80-52499	71		317767.0	5360934.0	20
80-52500	17		317767.0	5360885.0	20
80-52501	38		317768.0	5360842.0	20
80-52502	59		317769.0	5360788.0	20
80-52503	71		317770.0	5360736.0	20
80-52504	70		317771.0	5360680.0	20
80-52505	60		317772.0	5360635.0	20
80-52506	108		317775.0	5360580.0	20
80-52507	113		317777.0	5360530.0	20
80-52508	128		317778.0	5360480.0	20
80-52509	108		317779.0	5360430.0	20

NUMERO BADGE0	ELEMENTS		COORDONNEES		
	* ZN *	PPM	UTM EST	UTM NORD	ZONE
80-52510	121		317783.0	5360375.0	20
80-52511	99		317785.0	5360326.0	20
80-52512	158		317786.0	5360275.0	20
80-52513	203		317788.0	5360230.0	20
80-52532	78		319300.0	5359500.0	20
80-52533	67		319300.0	5359535.0	20
80-52534	116		319300.0	5359585.0	20
80-52536	124		319300.0	5359630.0	20
80-52537	100		319300.0	5359680.0	20
80-52538	127		319295.0	5359735.0	20
80-52539	105		319295.0	5359780.0	20
80-52540	108		319295.0	5359835.0	20
80-52541	62		319295.0	5359880.0	20
80-52542	96		319290.0	5359925.0	20
80-52543	83		319290.0	5359980.0	20
80-52544	95		319290.0	5360030.0	20
80-52545	91		319290.0	5360075.0	20
80-52546	100		319290.0	5360125.0	20
80-52547	152		319290.0	5360175.0	20
80-52548	104		319290.0	5360230.0	20
80-52549	89		319290.0	5360275.0	20
80-52550	103		319285.0	5360315.0	20
80-52551	136		319285.0	5360370.0	20
80-52552	353		319280.0	5360420.0	20
80-52554	489		319280.0	5360465.0	20
80-52555	123		319280.0	5360510.0	20
80-52556	104		319275.0	5360560.0	20
80-52557	83		319275.0	5360615.0	20
80-52558	64		319270.0	5360660.0	20
80-52559	71		319270.0	5360705.0	20
80-52560	88		319270.0	5360760.0	20
80-52561	45		319265.0	5360815.0	20
80-52562	59		319265.0	5360860.0	20
80-52563	65		319265.0	5360915.0	20
80-52565	55		319260.0	5360970.0	20
80-52566	79		319260.0	5361005.0	20
80-52567	90		319260.0	5361045.0	20
80-52568	64		319365.0	5361065.0	20
80-52569	79		319365.0	5361125.0	20
80-52570	53		319365.0	5360970.0	20
80-52571	54		319365.0	5360920.0	20
80-52572	53		319365.0	5360865.0	20
80-52573	74		319365.0	5360820.0	20
80-52575	83		319370.0	5360770.0	20
80-52576	77		319370.0	5360720.0	20
80-52577	87		319370.0	5360665.0	20
80-52578	77		319375.0	5360615.0	20
80-52579	85		319375.0	5360570.0	20
80-52580	192		319375.0	5360515.0	20
80-52581	80		319375.0	5360475.0	20
80-52582	127		319375.0	5360425.0	20

NUMERO BADGEQ	ELEMENTS		COORDONNEES			ZONE
	* ZN *	PPM	UTM EST	UTM NORD	UTM	
80-52583	58		319380.0	5360375.0	20	
80-52584	95		319380.0	5360315.0	20	
80-52585	33		319385.0	5360275.0	20	
80-52586	71		319385.0	5360225.0	20	
80-52587	86		319385.0	5360175.0	20	
80-52588	58		319385.0	5360130.0	20	
80-52589	94		319390.0	5360080.0	20	
80-52590	88		319390.0	5360030.0	20	
80-52591	71		319390.0	5359980.0	20	
80-52593	93		319390.0	5359930.0	20	
80-52594	70		319395.0	5359875.0	20	
80-52595	77		319395.0	5359825.0	20	
80-52596	102		319395.0	5359775.0	20	
80-52597	130		319400.0	5359725.0	20	
80-52598	67		319400.0	5359680.0	20	
80-52599	82		319400.0	5359635.0	20	
80-52600	55		319400.0	5359585.0	20	
80-52601	100		319405.0	5359535.0	20	
80-52602	73		319405.0	5359495.0	20	
80-52603	99		319501.0	5359495.0	20	
80-52604	91		319501.0	5359535.0	20	
80-52605	82		319501.0	5359585.0	20	
80-52606	121		319500.0	5359635.0	20	
80-52607	157		319500.0	5359685.0	20	
80-52609	106		319500.0	5359735.0	20	
80-52610	58		319500.0	5359785.0	20	
80-52611	82		319500.0	5359830.0	20	
80-52612	67		319500.0	5359880.0	20	
80-52614	85		319495.0	5359930.0	20	
80-52615	78		319495.0	5359985.0	20	
80-52616	53		319495.0	5360035.0	20	
80-52617	165		319490.0	5360090.0	20	
80-52618	75		319490.0	5360135.0	20	
80-52619	45		319490.0	5360185.0	20	
80-52620	42		319490.0	5360230.0	20	
80-52621	39		319482.0	5360279.0	20	
80-52622	84		319479.0	5360324.0	20	
80-52623	131		319478.0	5360375.0	20	
80-52624	159		319475.0	5360421.0	20	
80-52625	113		319475.0	5360475.0	20	
80-52626	92		319480.0	5360520.0	20	
80-52627	95		319475.0	5360575.0	20	
80-52628	52		319475.0	5360625.0	20	
80-52629	52		319475.0	5360675.0	20	
80-52630	81		319472.0	5360718.0	20	
80-52631	64		319475.0	5360770.0	20	
80-52632	61		319475.0	5360820.0	20	
80-52633	46		319470.0	5360870.0	20	
80-52634	55		319470.0	5360915.0	20	
80-52635	48		319470.0	5360970.0	20	
80-52636	65		319470.0	5361025.0	20	

NUMERO BADGEQ	ELEMENTS		COORDONNEES		ZONE
	* ZN *	PPM	UTM EST	UTM NORD	
80-52637	63		319470.0	5361070.0	20
80-52638	93		319615.0	5359495.0	20
80-52639	75		319615.0	5359535.0	20
80-52640	138		319610.0	5359590.0	20
80-52641	108		319610.0	5359635.0	20
80-52642	77		319605.0	5359690.0	20
80-52643	63		319605.0	5359730.0	20
80-52644	63		319605.0	5359785.0	20
80-52646	65		319605.0	5359835.0	20
80-52648	70		319605.0	5359885.0	20
80-52649	76		319600.0	5359935.0	20
80-52650	60		319600.0	5359990.0	20
80-52651	65		319595.0	5360040.0	20
80-52653	58		319595.0	5360090.0	20
80-52654	53		319595.0	5360135.0	20
80-52655	56		319590.0	5360185.0	20
80-52656	48		319590.0	5360235.0	20
80-52657	60		319590.0	5360285.0	20
80-52658	78		319585.0	5360335.0	20
80-52659	48		319585.0	5360385.0	20
80-52661	89		319585.0	5360430.0	20
80-52662	94		319585.0	5360480.0	20
80-52663	67		319580.0	5360530.0	20
80-52664	131		319580.0	5360580.0	20
80-52665	69		319575.0	5360625.0	20
80-52666	83		319575.0	5360680.0	20
80-52667	73		319575.0	5360725.0	20
80-52668	63		319575.0	5360780.0	20
80-52669	121		319570.0	5360830.0	20
80-52670	52		319570.0	5360885.0	20
80-52671	53		319565.0	5360930.0	20
80-52672	42		319565.0	5360975.0	20
80-52673	68		319565.0	5361025.0	20
80-52674	34		319566.0	5361082.1	20
80-52675	76		319710.0	5359505.6	20
80-52676	26		319706.0	5359545.0	20
80-52677	43		319705.1	5359585.0	20
80-52678	72		319700.0	5359640.0	20
80-52679	55		319700.0	5359690.0	20
80-52680	74		319700.0	5359735.0	20
80-52681	49		319700.0	5359785.0	20
80-52682	111		319697.2	5359845.2	20
80-52683	60		319695.0	5359900.0	20
80-52684	51		319694.0	5359945.0	20
80-52685	55		319692.0	5359995.0	20
80-52687	78		319690.0	5360040.0	20
80-52688	65		319690.0	5360095.0	20
80-52689	81		319689.0	5360140.0	20
80-52690	90		319685.0	5360185.0	20
80-52692	74		319685.0	5360230.0	20
80-52693	51		319682.0	5360286.0	20

NUMERO BADGEQ	ELEMENTS		COORDONNEES			ZONE
	PERMANENT	PPM	UTM EST	UTM NORD	UTM	
80-52694	50		319683.0	5360350.0	20	
80-52695	86		319685.0	5360388.0	20	
80-52696	117		319681.0	5360433.0	20	
80-52697	111		319680.0	5360480.0	20	
80-52698	92		319678.0	5360529.0	20	
80-52699	40		319679.0	5360580.0	20	
80-52700	35		319674.0	5360620.0	20	
80-52701	96		319675.0	5360675.0	20	
80-52702	78		319675.0	5360722.0	20	
80-52703	69		319672.0	5360778.0	20	
80-52704	1018		319672.0	5360825.0	20	
80-52705	79		319670.0	5360878.0	20	
80-52706	65		319668.0	5360928.0	20	
80-52707	34		319660.0	5360975.0	20	
80-52708	63		319660.0	5361015.0	20	
80-52709	58		319660.0	5361070.0	20	
80-52710	48		319755.0	5361090.0	20	
80-52711	49		319755.0	5361040.0	20	
80-52712	55		319755.0	5360990.0	20	
80-52713	75		319760.0	5360940.0	20	
80-52714	48		319760.0	5360895.0	20	
80-52715	79		319760.0	5360835.0	20	
80-52717	86		319765.0	5360795.0	20	
80-52718	86		319765.0	5360745.0	20	
80-52719	65		319765.0	5360690.0	20	
80-52720	67		319765.0	5360635.0	20	
80-52721	80		319770.0	5360590.0	20	
80-52722	58		319770.0	5360540.0	20	
80-52723	80		319775.0	5360490.0	20	
80-52724	108		319775.0	5360435.0	20	
80-52725	108		319775.0	5360390.0	20	
80-52726	102		319775.0	5360340.0	20	
80-52727	68		319780.0	5360285.0	20	
80-52728	84		319780.0	5360240.0	20	
80-52729	49		319785.0	5360195.0	20	
80-52731	93		319785.0	5360145.0	20	
80-52732	132		319785.0	5360100.0	20	
80-52733	90		319790.0	5360045.0	20	
80-52734	87		319790.0	5359995.0	20	
80-52735	68		319795.0	5359940.0	20	
80-52736	74		319795.0	5359885.0	20	
80-52737	61		319795.0	5359830.0	20	
80-52739	70		319800.0	5359790.0	20	
80-52740	44		319798.0	5359742.1	20	
80-52741	93		319800.0	5359690.0	20	
80-52742	111		319805.0	5359640.0	20	
80-52743	100		319805.0	5359585.0	20	
80-52744	67		319805.0	5359535.0	20	
80-52745	68		319810.0	5359485.0	20	
80-52746	64		319912.0	5359440.0	20	
80-52747	82		319910.0	535938.0	20	

DRE/DA-Mat-23

NUMERO BADGE	ELEMENTS		COORDONNEES COORDONNEES ZONE		
	* ZN *	PPM	UTM EST	UTM NORD	UTM
80-52748	104		319910.0	5359588.0	20
80-52749	72		319908.0	5359642.0	20
80-52750	112		319905.0	5359695.0	20
80-52751	92		319901.0	5359740.0	20
80-52752	67		319900.0	5359790.0	20
80-52753	116		319900.0	5359843.0	20
80-52754	118		319896.0	5359895.0	20
80-52755	85		319898.0	5359945.0	20
80-52756	69		319894.0	5359998.0	20
80-52757	77		319893.0	5360040.0	20
80-52758	123		319892.0	5360097.0	20
80-52759	85		319890.0	5360140.0	20
80-52761	56		319888.0	5360190.0	20
80-52762	47		319887.0	5360241.0	20
80-52763	41		319885.0	5360292.0	20
80-52764	84		319884.0	5360337.0	20
80-52765	74		319882.0	5360390.0	20
80-52766	54		319882.0	5360445.0	20
80-52767	106		319881.0	5360490.0	20
80-52768	80		319880.0	5360550.0	20
80-52770	62		319878.0	5360595.0	20
80-52781	57		319850.0	5361119.0	20

ANNEXE 2

CARACTÉRISTIQUES DES ÉCHANTILLONS
ET DES SITES D'ÉCHANTILLONNAGE

GEOCHIMIE-SOLS
DEFINITIONS DES DONNEES DE TERRAIN

PROF	PROFONDEUR (0) PAS D'INFORMATION (1) 1 DECIMETRE (12) 12 DECIMETRES	NATU NATURE DU RECOUVREMENT RECO (0) PAS D'INFORMATION (1) ORGANIQUE (2) ARGILEUX (3) SILTEUX (4) SABLONNEUX (5) GRAVIER ET BLOCS (6) MELANGE DE TOUT	AGE GEOL	AGE GEOLOGIQUE CODE DU G.S.C.
ZONE PREL	ZONE DE PRELEVEMENT (0) PAS D'INFORMATION (1) HORIZON 0 (ORGANIQUE 30 POURCENT) (2) HORIZON A0 (ORGANIQUE-MINERAL) A ACCUMULATION MAXIMALE DE MATIERE ORGANIQUE (MATIERE ORGANIQUE < 30 POURCENT) (3) HORIZON A (MINERAL LESSIVE) (4) HORIZON AB (INDICE D'ENRICHISSEMENT) (5) HORIZON B (ENRICHISSEMENT MAXIMUM) (6) HORIZON BC (TRANSITION) (7) HORIZON C (NON TOUCHE PAR LES PHENOMENES PEDOLOGIQUES)	COUL COULEUR DE L'ECHANTILLON ECH (0) PAS D'INFORMATION (1) BLANCHATRE (2) BEIGE (3) JAUNE (4) ORANGE (5) ROSE OU ROUGE (6) BRUN (7) BRUN FONCE (8) NOIR (9) GRIS	PH	PH 00.0 A 14.0
HORIZ PEDLG	HORIZON PEDOLOGIQUE (0) PAS D'INFORMATION (1) TRES MARQUE (2) MARQUE (3) FAIBLEMENT (4) NON DISCERNABLE	CONT CONTAMINATION (0) PAS D'INFORMATION (1) AUCUNE (2) POSSIBLE (3) PROBABLE (4) CERTATNE	NO ECHA	NUMERO D'ECHANTILLONNEUR
DRAI NAGE	DRAINAGE (0) PAS D'INFORMATION (1) TRES BIEN DRAINE (2) DRAINE (3) MAL DRAINE (4) MARECAGEUX	JOUR	JOUR D'ECHANTILLONNAGE	
		MOIS	MOIS D'ECHANTILLONNAGE	
		NOTE	1=OUI	
		NO. PROJ	NUMERO DE PROJET	
TYPE VEGE	TYPE DE VEGETATION (0) PAS D'INFORMATION (1) FEUILLUS (2) MIXTE (3) CONIFERES (4) TOUNDRA(MOUSSE ET LICHEN)	TYPE CONT TYPE DE CONTAMINATION (0) PAS D'INFORMATION (1) NON APPLICABLE (2) CHAMPS CULTIVES (3) INDUSTRIELLE (4) TRAVAUX DE VOIERIE (5) DEPOTOIR (6) FEUX DE FORET (7) REBUS METALLIQUES (8) TRAVAUX DE MINES		
DENS VEGE	DENSITE DE VEGETATION (0) PAS D'INFORMATION (1) TRES DENSE (2) DENSE (3) EPAISSE (4) TRES EPAISSE (5) CLAIRIERE (6) CHAMPS (7) PAS D'ARBRES	MINE CON MINERAL SATION CONNUE (0) PAS D'INFORMATION (1) OUI (2) NON		
		GRAN	GRANULOMETRIE EN DIZAINNE DE POURCENT 9=10	

ORGANISME MRN TYPE SO

PAGE : 2

AN ECHANT

PROF ZONE HORI DRAI VEFE DENSNATV CULCONT TYPE MINE GRAN AGE ROCH PH EH ECHA JOUR MOIS NOTE NUMER PROJ

80	52001	3	5	2	1	2	4	4	1							13	10	19
80	52002	3	5	2	1	2	4	4	1							13	10	19
80	52003	3	5	2	2	3	3	3	1							13	10	19
80	52004	3	5	2	2	3	3	3	1							13	10	19
80	52005	3	5	2	2	3	3	3	1							13	10	19
80	52006	3	5	2	2	3	3	3	1							13	10	19
80	52007	3	5	2	1	3	3	3	1							13	10	19
80	52008	3	5	2	1	3	3	3	1							13	10	19
80	52009	2	3	3	1	2	3	3	2	4						13	10	19
80	52010	3	5	2	1	2	3	3	2	4						13	10	19
80	52011	4	4	1	1	1	1	1	2							13	10	19
80	52012	3	5	2	1	3	3	3	1							13	10	19
80	52014	3	5	2	2	3	3	3	1							13	10	19
80	52015	3	5	2	1	3	3	3	1							13	10	19
80	52016	4	4	1	2	2	2	2	1							13	10	19
80	52017	2	3	3	2	3	3	3	1							13	10	19
80	52018	2	3	3	1	3	3	3	1							13	10	19
80	52019	3	5	2	1	3	3	3	1							13	10	19
80	52020	3	5	2	2	3	3	3	1							13	10	19
80	52021	3	5	2	3	3	3	3	1							13	10	19
80	52022	2	3	3	1	2	2	2	1							13	10	19
80	52023	3	5	2	1	3	3	3	1							13	10	19
80	52024	3	5	2	1	3	3	3	1							13	10	19
80	52025	4	4	2	2	3	3	3	1							13	10	19
80	52026	2	3	3	1	2	2	2	1							13	10	19
80	52027	3	5	2	1	3	3	3	1							13	10	19
80	52029	2	3	3	1	3	3	3	1							13	10	19
80	52030	0	0	2	1	3	3	3	1							13	10	19
80	52031	3	5	2	1	3	3	3	1							13	10	19
80	52032	4	4	2	1	3	3	3	1							13	10	19
80	52033	6	6	3	3	3	3	3	1							13	10	19
80	52034	2	3	3	1	3	3	3	1							13	10	19
80	52035	3	5	2	1	3	3	3	1							13	10	19
80	52036	2	3	3	1	2	2	2	1							13	10	19
80	52037	2	3	3	2	3	3	3	1							13	10	19
80	52038	2	3	3	2	3	3	3	1							13	10	19
80	52039	2	3	3	2	3	3	3	1							13	10	19
80	52040				2	3	3	3	1							13	10	19
80	52041				1	3	3	3	1							13	10	19
80	52042				2	3	3	3	1							13	10	19
80	52043				1	3	3	3	1							13	10	19
80	52044				2	3	3	3	1							13	10	19
80	52045	3	5	2	1	3	3	3	1							13	10	19
80	52047	3	5	2	1	3	3	3	1							13	10	19
80	52048	3	5	2	1	3	3	3	1							13	10	19
80	52049	3	5	2	1	3	3	3	1							13	10	19
80	52050	4	5	3	2	3	2	3	1							13	10	19

EC-14-75180

ORGANISME MRN TYPE SO

PAGE : 3

AN ECHANT	P R O F	Z O N E	H O R I	D R A I	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	R O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	N U M E R P R O J
80 52051		4		2	2	3	2	6	7	1								13	10		15
80 52053		4		2	1	3	2	6	6									13	10		15
80 52054		2		3	1	3	2	0	6									15	10		15
80 52055		2		3	1	3	2	0	6									15	10		15
80 52056		2		3	1	3	2	0	6									15	10		15
80 52057		2		3	1	3	2	0	6									15	10		15
80 52058		2		2	1	3	2	0	6									15	10		15
80 52059		2		2	1	3	2	0	6									15	10		15
80 52060		3		2	1	3	2	0	6									15	10		15
80 52061		3		3	1	3	2	0	6									15	10		15
80 52062		0		2	1	3	2	0	6									15	10		15
80 52063		3		1	1	3	2	0	6									15	10		15
80 52064		4		3	1	3	2	0	6									15	10		15
80 52065		4		3	1	3	2	0	6									15	10		15
80 52066		2		1	1	3	2	0	6									15	10		15
80 52068		2		2	1	3	2	0	6									15	10		15
80 52069		4		1	1	3	2	0	6									15	10		15
80 52070		5		2	1	3	2	0	6									15	10		15
80 52071		3		3	1	3	2	0	6									15	10		15
80 52072		3		2	1	3	2	0	6									2-1	10		15
80 52073		3		2	1	3	2	0	6									15	10		15
80 52074		3		2	1	3	2	0	6									15	10		15
80 52075		4		2	1	3	2	0	6									15	10		15
80 52076		4		2	1	3	2	0	6									15	10		15
80 52077		4		2	1	3	2	0	6									15	10		15
80 52078		4		2	1	3	2	0	6									15	10		15
80 52079		2		2	1	3	2	0	6									15	10		15
80 52080		2		2	1	3	2	0	6									15	10		15
80 52081		2		2	1	3	2	0	6									15	10		15
80 52082		2		2	1	3	2	0	6									15	10		15
80 52083		2		2	1	3	2	0	6									15	10		15
80 52084		2		2	1	3	2	0	6									15	10		15
80 52085		2		2	1	3	2	0	6									15	10		15
80 52086		2		2	1	3	2	0	6									15	10		15
80 52087		2		2	1	3	2	0	6									15	10		15
80 52088		2		2	1	3	2	0	6									15	10		15
80 52089		2		2	1	3	2	0	6									15	10		15
80 52090		3		2	1	3	2	0	6									15	10		15
80 52091		3		2	1	3	2	0	6									15	10		15
80 52092		4		2	1	3	2	0	6									15	10		15
80 52093		5		3	1	3	2	0	6									15	10		15
80 52095		2		2	1	3	2	0	6									15	10		15
80 52096		3		2	1	3	2	0	6									15	10		15
80 52097		3		2	1	3	2	0	6									15	10		15
80 52098		3		2	1	3	2	0	6									15	10		15
80 52099		3		2	1	3	2	0	6									15	10		15
80 52100		5		2	1	3	2	0	6									15	10		15

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16-201-05

ORGANISME MRN TYPE SO

AN ECHANT	P R O F	Z O N E	H O R I	D R A I	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	R O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	NUMER PROJ
8800052101	3	3	2	1	3	3	0	6	1									15	10		19
8800052103	3	3	2	1	3	3	0	6	1									15	10		19
8800052104	3	3	2	4	3	3	0	6	1									15	10		19
8800052105	4	3	2	2	3	3	0	6	1									15	10		19
8800052107	4	3	2	1	3	3	0	6	1									15	10		19
8800052108	3	3	2	1	3	3	0	6	1									15	10		19
8800052109	3	3	2	2	3	3	0	6	1									15	10		19
8800052110	2	3	2	1	3	3	0	6	1									15	10		19
8800052111	3	3	2	1	3	3	0	6	1									15	10		19
8800052112	2	3	2	1	3	3	0	6	1									15	10		19
8800052113	2	3	2	2	3	3	0	6	1									15	10		19
8800052114	2	3	2	1	3	3	0	6	1									15	10		19
8800052115	2	3	2	1	3	3	0	6	1									15	10	1	19
8800052116	3	3	2	1	3	3	0	6	1									15	10		19
8800052117	2	3	2	2	3	3	0	6	1									15	10		19
8800052118	3	3	2	1	3	3	0	6	1									15	10		19
8800052119	2	3	2	1	3	3	0	6	1									15	10		19
8800052120	2	3	2	1	3	3	0	6	1									15	10		19
8800052121	5	3	3	4	3	3	0	6	1									15	10		19
8800052122	1	3	2	1	3	3	0	6	1									15	10		19
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8800052127	2	3	2	1	3	3	0	6	1									15	10		19
8800052128	2	3	2	1	3	3	0	6	1									15	10		19
8800052129	2	3	2	1	3	3	0	6	1									15	10		19
8800052130	4	3	2	1	3	3	0	6	1									15	10		19
8800052131	2	3	2	1	3	3	0	6	1									15	10		19
8800052132	2	3	2	1	3	3	0	6	1									15	10		19
8800052133	2	3	2	1	3	3	0	6	1									15	10		19
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8800052136	2	3	2	1	3	3	0	6	1									15	10		19
8800052137	2	3	2	1	3	3	0	6	1									15	10		19
8800052138	3	3	2	1	3	3	0	6	1									15	10		19
8800052139	2	3	2	1	3	3	0	6	2	4								15	10		19
8800052140	3	3	2	1	3	3	0	6	2	4								21	10		19
8800052141	2	3	4	1	3	3	0	6	4	4								15	10		19
8800052142	3	3	2	1	3	3	0	6	1									15	10		19
8800052143	0	3	2	1	3	3	0	6	1									15	10		19
8800052144	2	3	2	1	3	3	0	6	1									15	10		19
8800052146	2	3	2	1	3	3	0	6	1									15	10		19
8800052147	2	3	2	1	3	3	0	6	1									15	10		19
8800052148	2	3	2	1	3	3	0	6	1									15	10		19
8800052149	3	3	2	1	3	3	0	6	1									15	10		19
8800052150	3	3	4	1	3	3	0	6	1									15	10		19

AN ECHANT

PROF	ZONE	HORI	DRAI	VEGE	DENS	NATV	COUL	CONT	TYPE	MINE	GRAN	AGE	ROCH	PH	EH	ECHA	JOUR	MOIS	NOTE	NUMER PROJ
80	52	15	1														16	10		19
80	52	15	4														16	10		19
80	52	15	5														16	10		19
80	52	15	6														16	10		19
80	52	15	7														16	10		19
80	52	15	8														16	10		19
80	52	16	0														16	10		19
80	52	16	1														16	10		19
80	52	16	2														17	10		19
80	52	16	3														17	10		19
80	52	16	4														17	10		19
80	52	16	5														17	10		19
80	52	16	6														17	10		19
80	52	16	7														17	10		19
80	52	16	8														17	10		19
80	52	17	0														17	10		19
80	52	17	1														17	10		19
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80	52	17	4														17	10		19
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80	52	17	6														17	10		19
80	52	17	7														17	10		19
80	52	17	8														17	10		19
80	52	17	9														17	10		19
80	52	18	1														17	10		19
80	52	18	2														17	10		19
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80	52	18	6														17	10		19
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80	52	19	8														17	10		19
80	52	19	9														17	10		19
80	52	20	0														17	10		19
80	52	20	1														17	10	1	19
80	52	20	2														17	10		19

ES-104-01/86

AN	ECHANT	P	Z	H	D	V	D	N	C	C	T	M	G	A	H	P	E	E	J	M	N	NUMER
		ROF	ONE	ORI	RAI	EGE	ENS	ATV	COL	CONT	YPE	INE	GRAN	AGE	HOCH	H	H	CHA	OUR	OIS	OTE	PROJ
0000	052203	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052204	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052205	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052206	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052207	2	0	2	2	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052208	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052209	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052210	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052211	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	17	10		19
0000	052212	2	0	2	1	0	2	0	0	0	0	0	0	3	4	0	0	0	21	10		19
0000	052213	2	0	2	1	0	2	0	0	0	0	0	0	2	4	0	0	0	18	10		19
0000	052214	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052215	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052216	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
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0000	052219	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
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0000	052221	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052222	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052224	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052225	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052227	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052228	2	0	2	1	0	2	0	0	0	0	0	0	4	4	0	0	0	18	10		19
0000	052229	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052230	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052231	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052232	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052233	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052234	2	0	2	1	0	2	0	0	0	0	0	0	7	0	0	0	0	18	10		19
0000	052235	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052236	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052237	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
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0000	052239	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052240	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052241	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052242	2	0	2	2	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052243	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052244	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052245	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052246	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052247	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052248	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052250	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052251	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19
0000	052253	2	0	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	18	10		19

AN ECHANT	PROF	ZONE	HORI	DRAI	VEGE	DENS	NATV	COUL	CONT	TYPE	MRN	GRAN	AGE	ROCH	PH	EH	ECHA	JOUR	MOIS	NOTE	NUMER PROJ
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80 52267		3	5	3	1	3	2	6	2	1								10	10		10
80 52268		3	5	3	1	3	2	6	2	1								10	10		10
80 52269		3	5	3	1	3	2	6	2	1								10	10		10
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80 52272		3	5	3	1	3	2	6	2	1								10	10		10
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80 52275		3	5	3	1	3	2	6	2	1								10	10		10
80 52276		2	5	2	1	3	0	6	6	2	4							10	10		10
80 52277		2	5	2	1	3	0	6	6	2	4							10	10		10
80 52278		4	5	2	1	3	2	6	6	1								10	10		10
80 52279		3	5	2	1	3	2	6	7	1								10	10		10
80 52280		3	5	2	1	3	2	6	7	1								10	10		10
80 52281		3	5	2	1	3	2	6	7	1								10	10		10
80 52282		3	5	2	1	3	2	6	7	1								10	10		10
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80 52297		2	5	2	1	3	2	6	7	1								10	10		10
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80 52302		2	5	2	1	3	2	6	7	1								10	10		10
80 52303		3	5	2	1	3	2	6	7	1								25	10		10

AN ECHANT	P R O F	Z O N E	H O R I Z O N T A L	D R A P E	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	R O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	NUMER PROJ
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52349	3	5	2	1	3	0	5	5	1									21	10		19
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52351	3	5	2	1	3	1	5	5	1									21	10		19
52352	3	5	2	1	3	1	5	5	1									21	10		19
52353	3	5	2	1	3	1	5	5	1									21	10		19
52354	3	5	2	1	3	4	5	5	1									21	10		19

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AN ECHANT	P T O R	Z O N E	H O R I	D R A I	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	H O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	N U M E R P R O J	
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AN ECHANT	P R O F	Z O N E	H O R I	D R A I	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	R O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	N U M E R P R O J
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80052453																		1	1		19
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AN ECHANT	P R O F	Z O N E	H O R I	D R A I	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	R O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	N U M E R P R O J
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800052539	3	3	2	1	3	0	6	6	2	4								26	11		19

AN ECHANT	P R O F	Z O N E	H O R I	D R A I	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	H O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	NUMER PROJ
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AN	ECHANT	P OR F	Z O N E	H O R I	D R A I	V E G E	D E N S	N A T V	C O U L	C O N T	T Y P E	M I N E	G R A N	A G E	H O C H	P H	E H	E C H A	J O U R	M O I S	N O T E	NUMER PROJ
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80	2639	3	5	2	1	3	2	6	6	1									7	11		19

ORGANISME MRN TYPE SO

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AN ECHANT	P TOR	Z OINZ	H ORR	D RAI	V EFG	D ENS	N ATV	C OUL	C ONT	T YPE	M INE	G RAN	A GGE	R OCH	P H	E H	E CHA	J OUR	M OIS	N OTE	NUMER PROJ
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880052692																		1	11		19

08884-Ma-23

AN ECHANT	P FOR	Z ONE	H ORR	D RA	V E	O EN	N ATV	C OUL	C ONT	T YPE	M INE	G RAN	A GE	R OCH	P H	E H	E CHA	J OUR	M OIS	N OTE	NUMER PROJ
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80 52696																			7	11	19
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80 52698																			7	11	19
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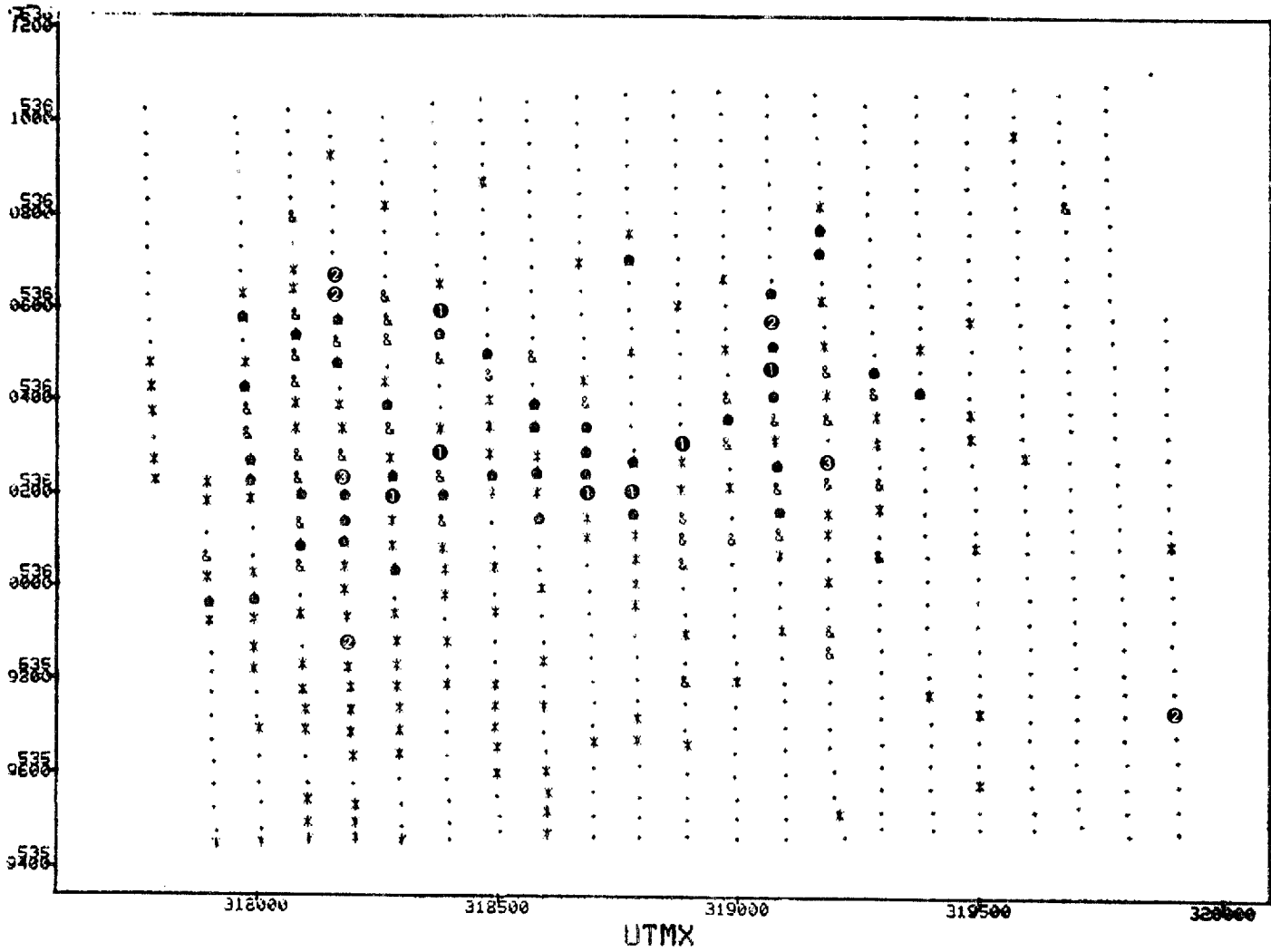
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52743	3	3	2	1	3	1	6	6	1									6	11		19
52744	3	3	2	1	3	1	6	6	1									6	11		19
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52781	3	3	2	1	3	1	6	6	1									6	11		19

ANNEXE 3

CARTES GÉOCHIMIQUES ET HISTOGRAMMES
DE DISTRIBUTION DES TENEURS
AVEC STATISTIQUES DE BASE POUR CHAQUE ÉLÉMENT

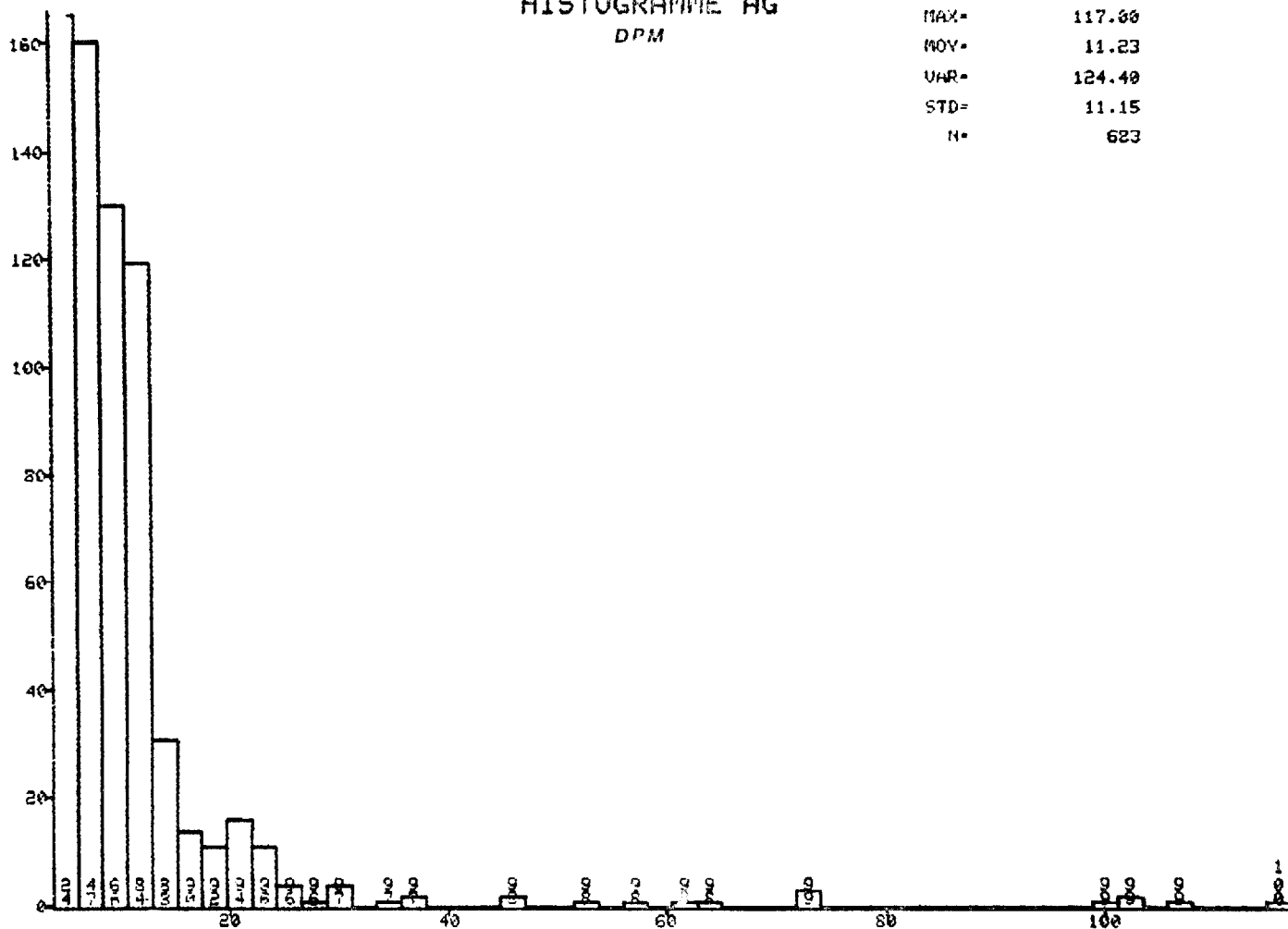
ARGENT	1 - 10	•
(dpm)	11 - 14	✕
	15 - 19	&
	20 - 46	●
	47 - 94	⊙
	95 - 190	⊗
	191 - 220	⊕

REGION DE LA RIVIERE REBOUL



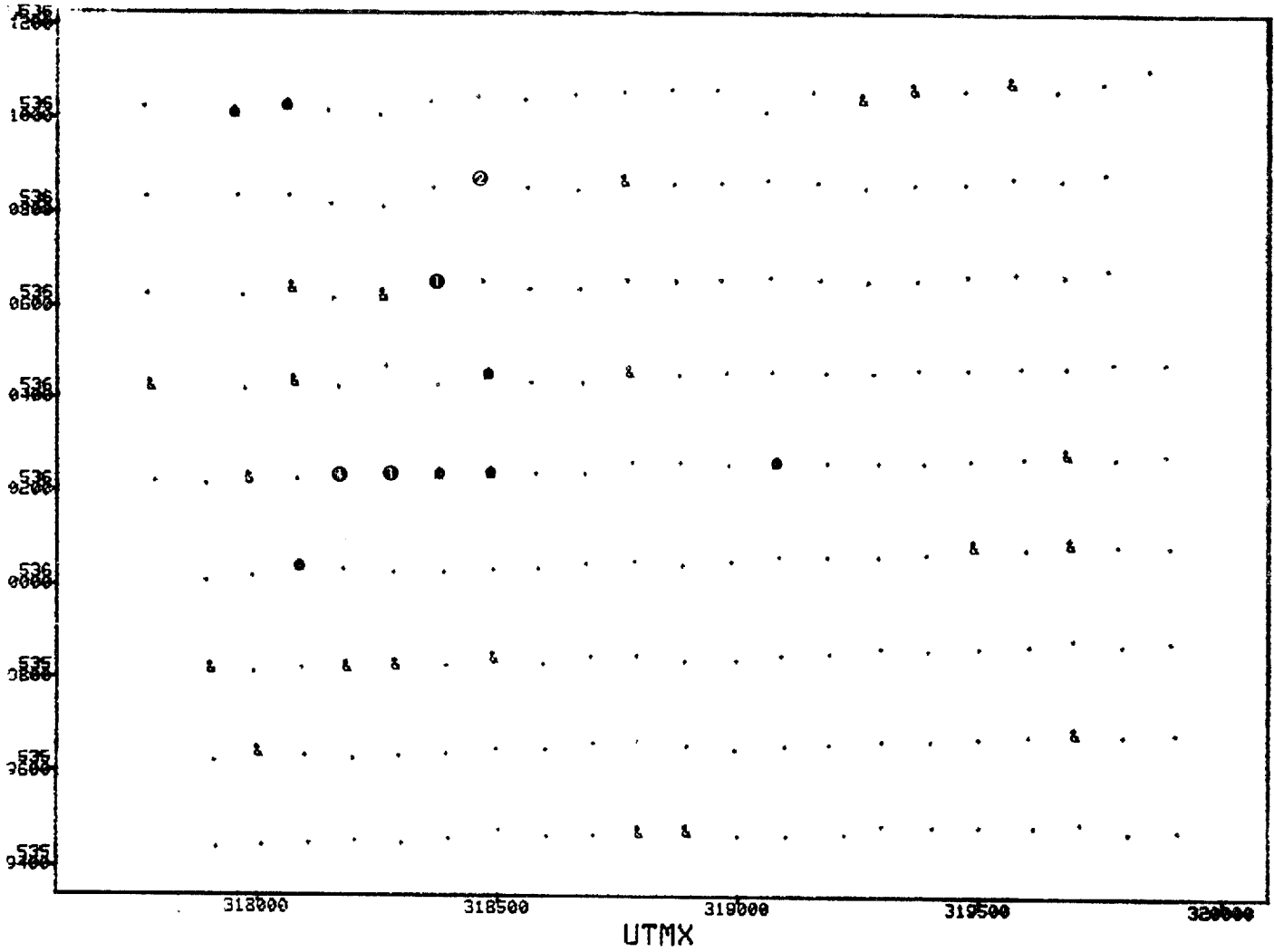
HISTOGRAMME AG DPM

MIN= 4.08
MAX= 117.00
MOY= 11.23
VAR= 124.40
STD= 11.15
N= 623



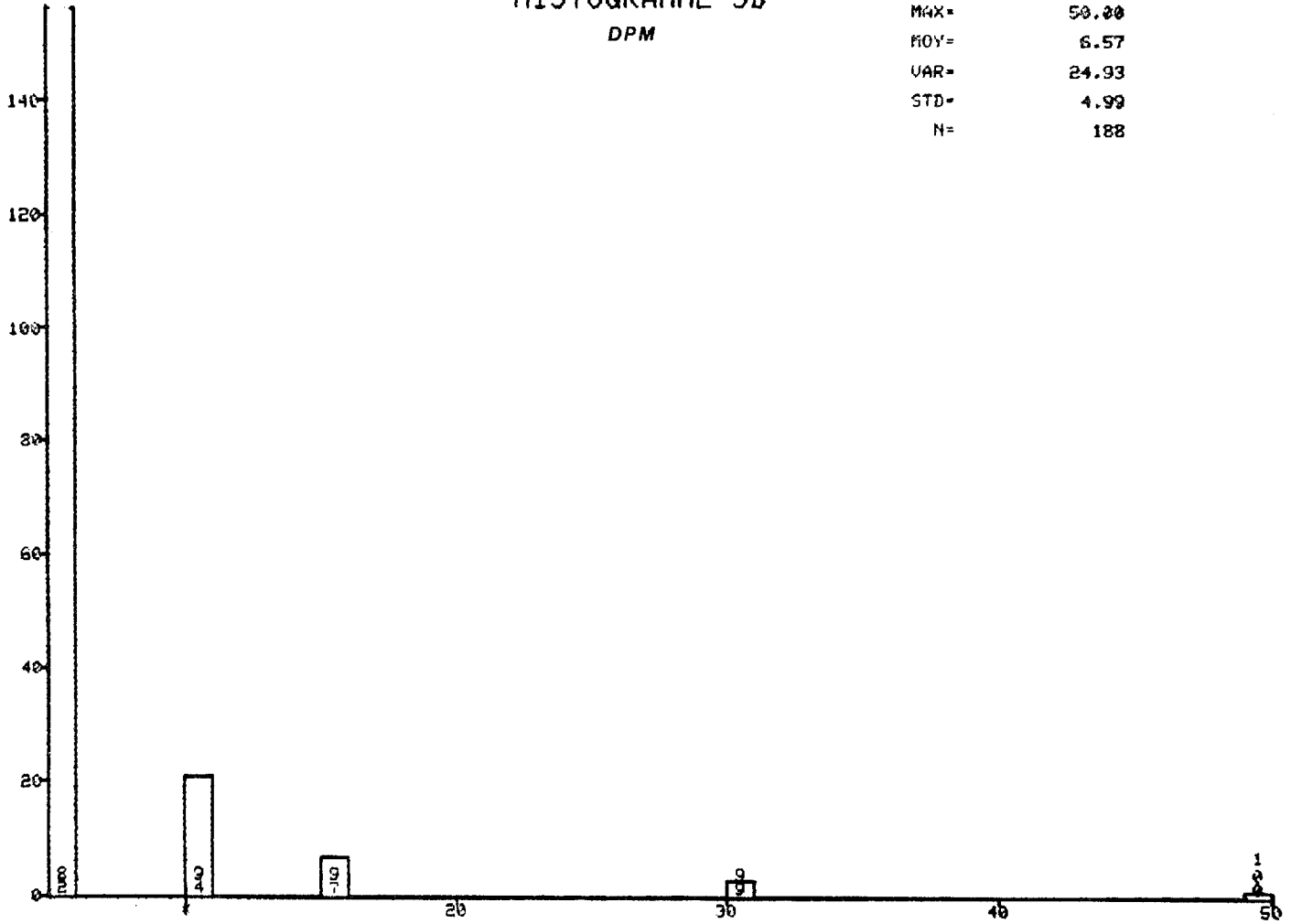
ANTIMOINE 1 - 5 •
(dpm) 6 - 10 &
 11 - 15 ●
 16 - 32 ①
 33 - 50 ②

REGION DE LA RIVIERE REBOUL



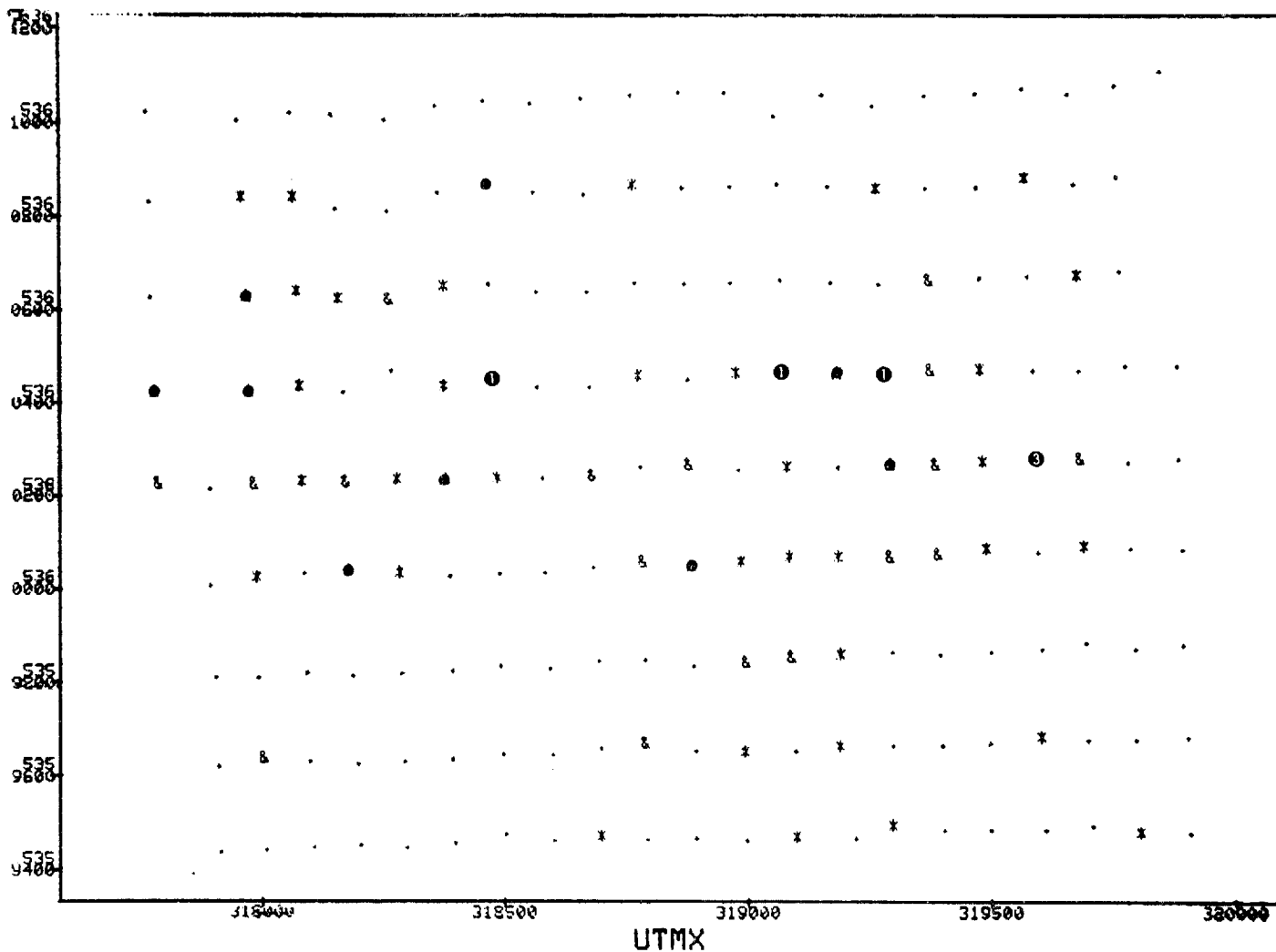
HISTOGRAMME SB
DPM

MIN= 5.00
MAX= 50.00
MOY= 6.57
VAR= 24.93
STD= 4.99
N= 188



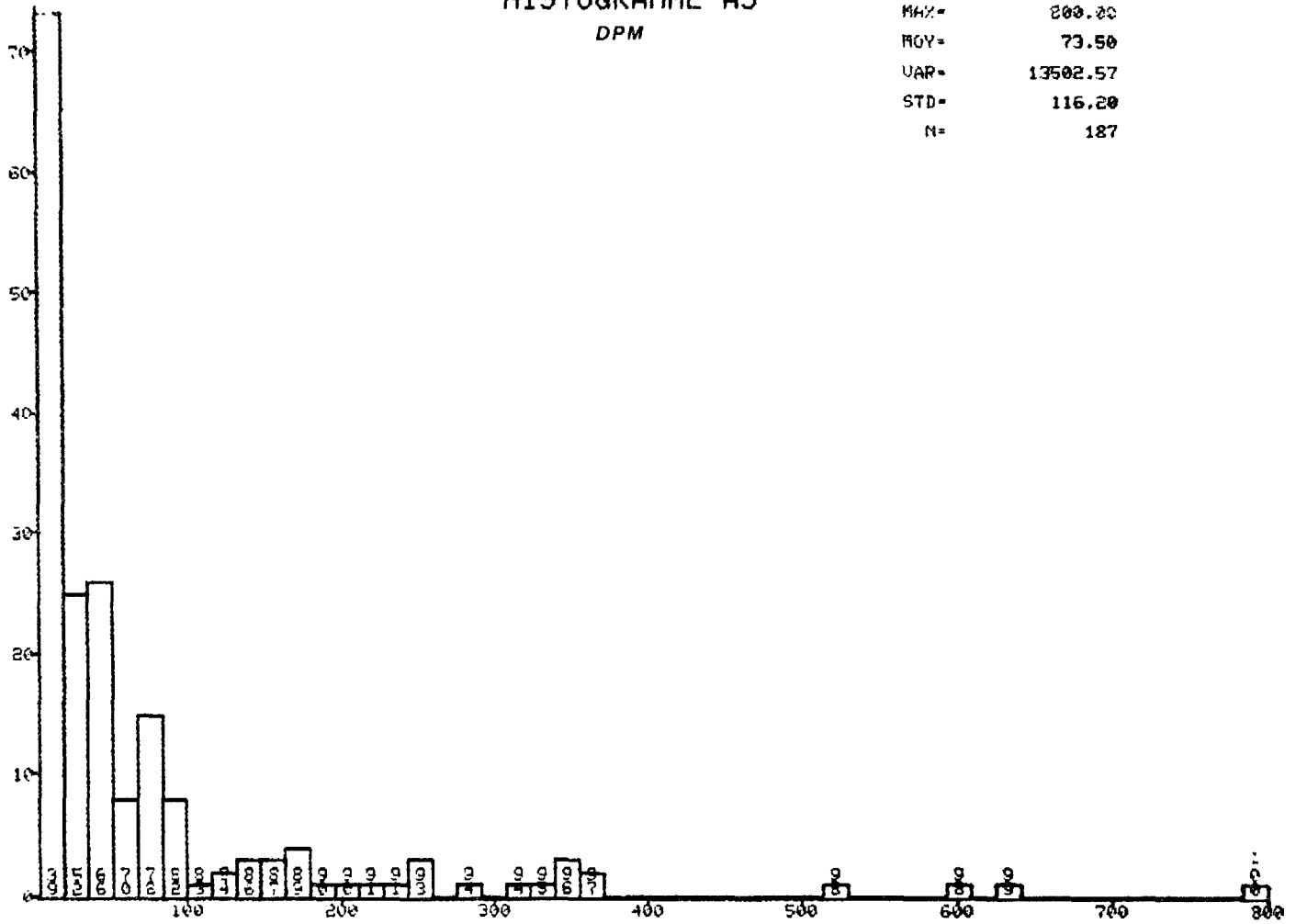
ARSENIC	1 - 50	•
(dpm)	51 - 130	*
	131 - 250	&
	251 - 520	●
	521 - 1040	⊙
	1041 - 1800	⊗

REGION DE LA RIVIERE REBOUL



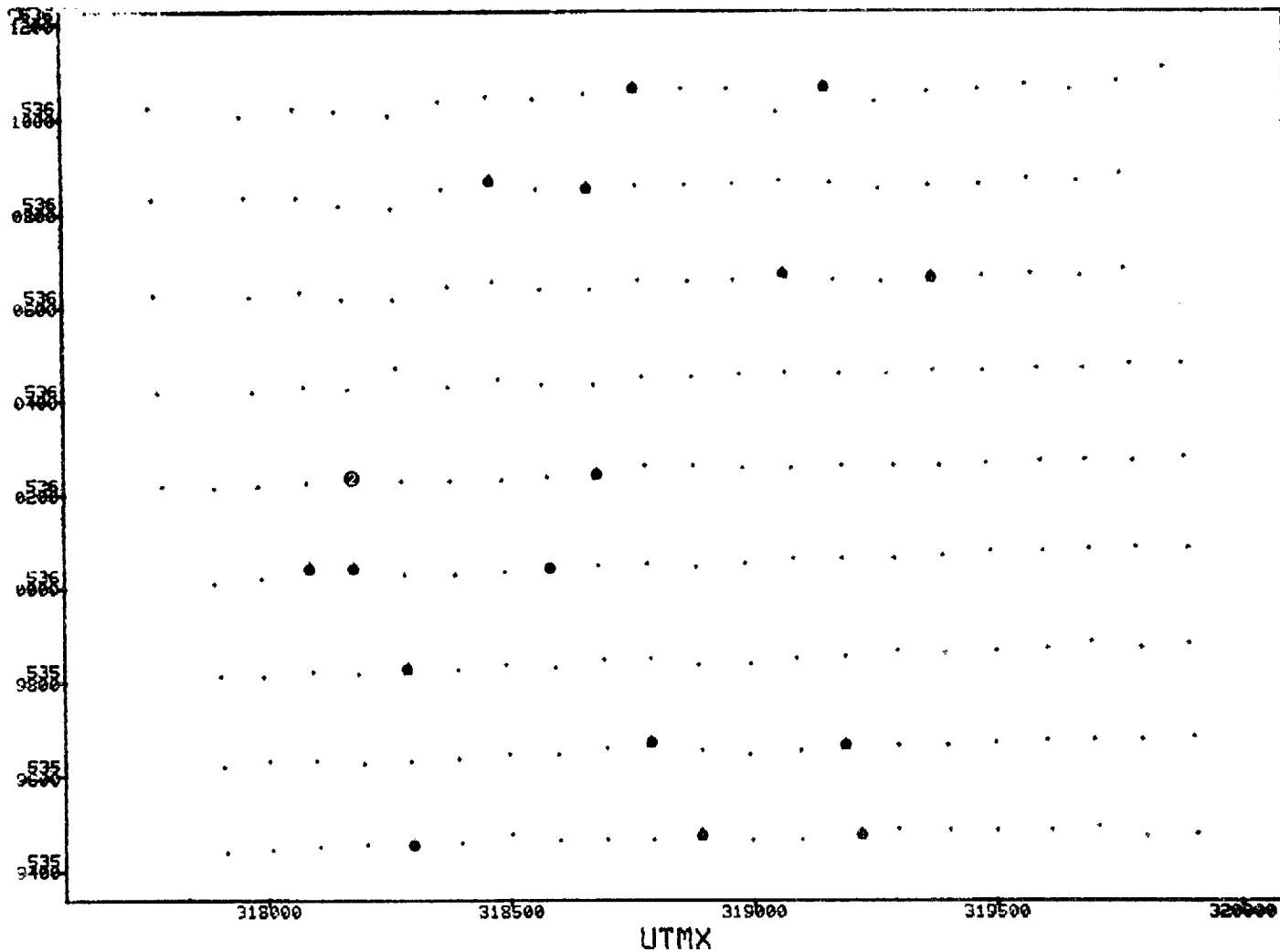
HISTOGRAMME AS DPM

MIN= 5.00
MAX= 800.00
MOY= 73.50
VAR= 13502.57
STD= 116.20
N= 187



BISMUTH (dpm) 1 - 5 •
 6 - 10 ●
 11 - 20 ⊙
 21 - 35 ⊚

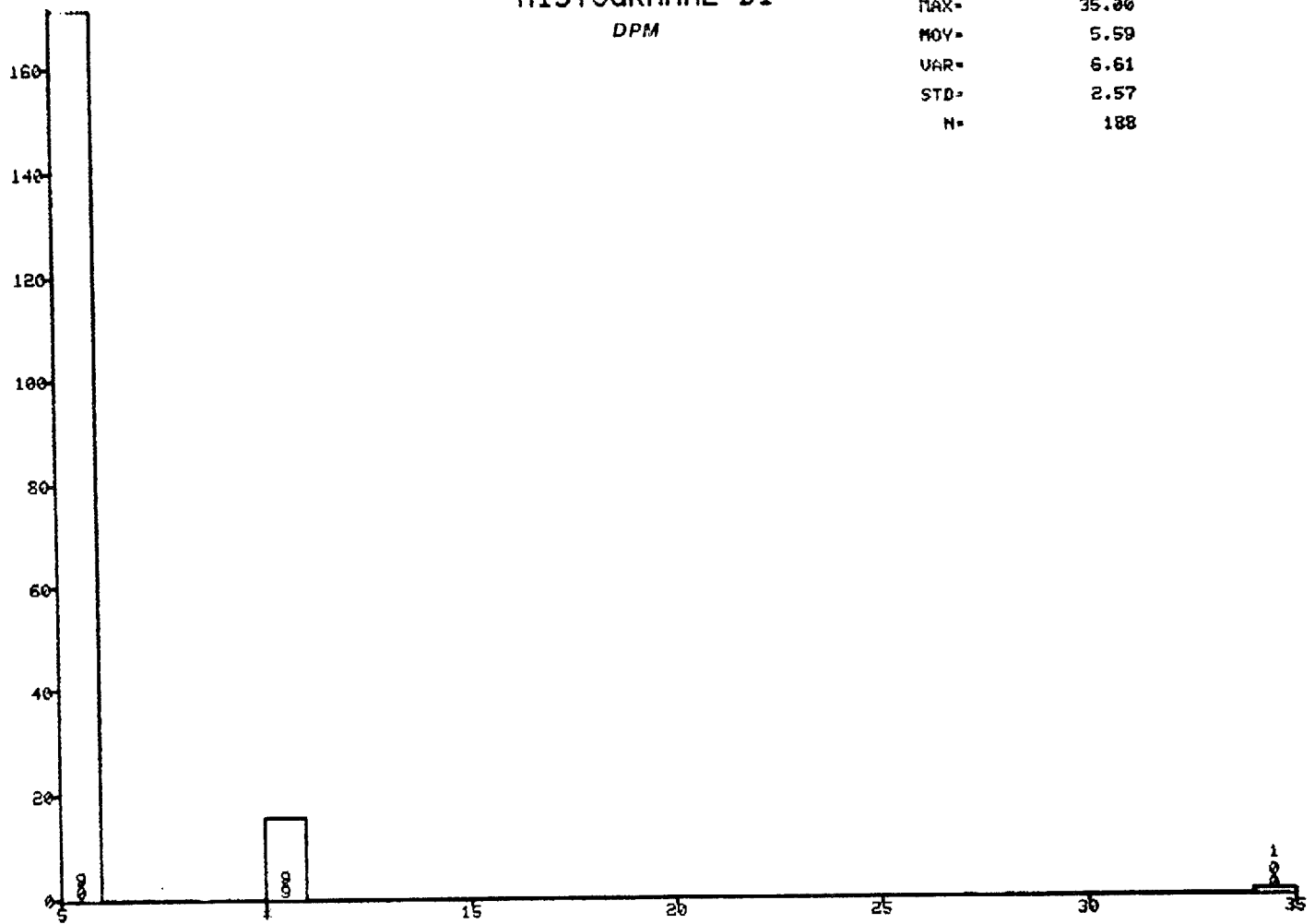
REGION DE LA RIVIERE REBOUL



HISTOGRAMME BI

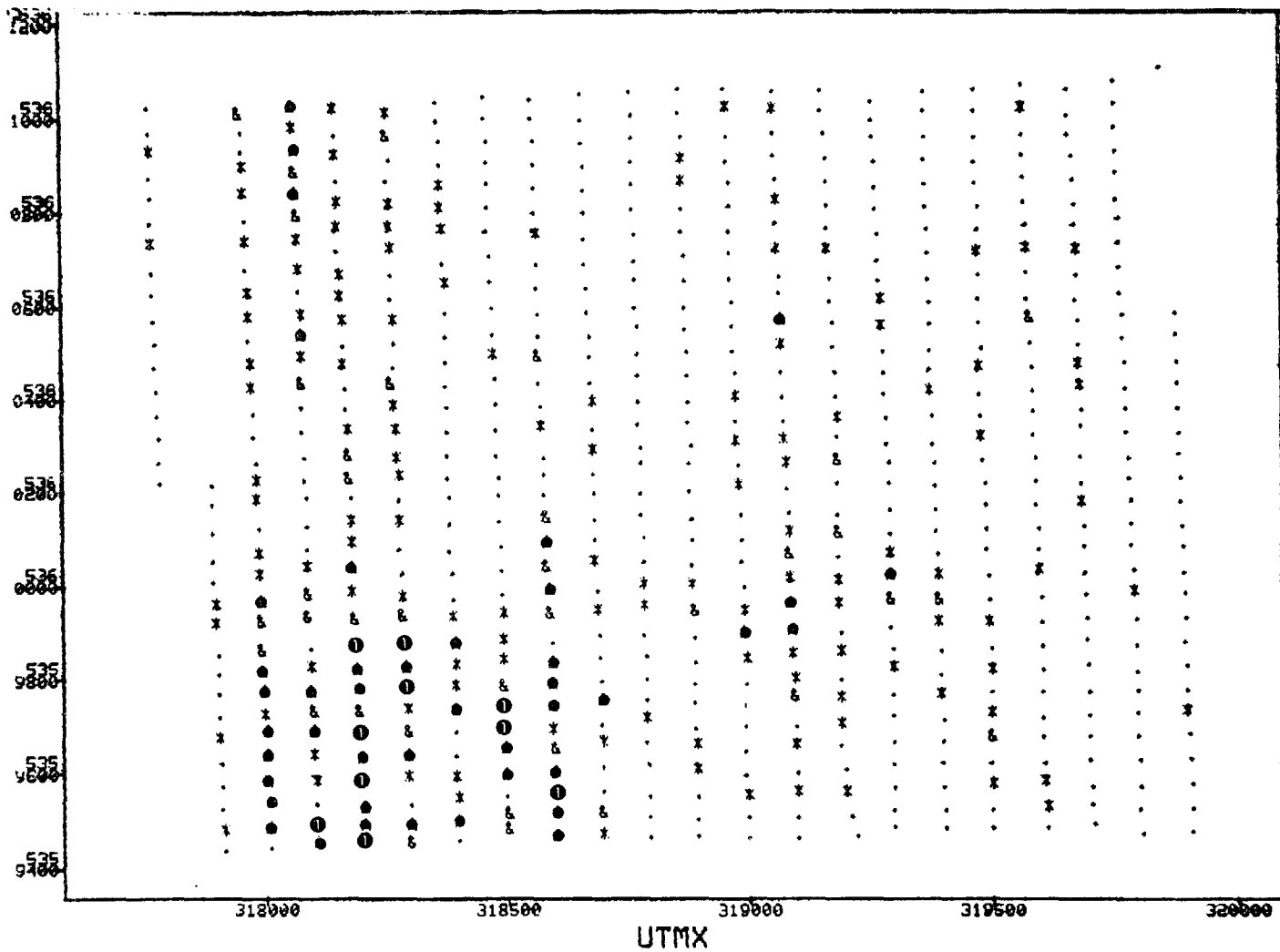
DPM

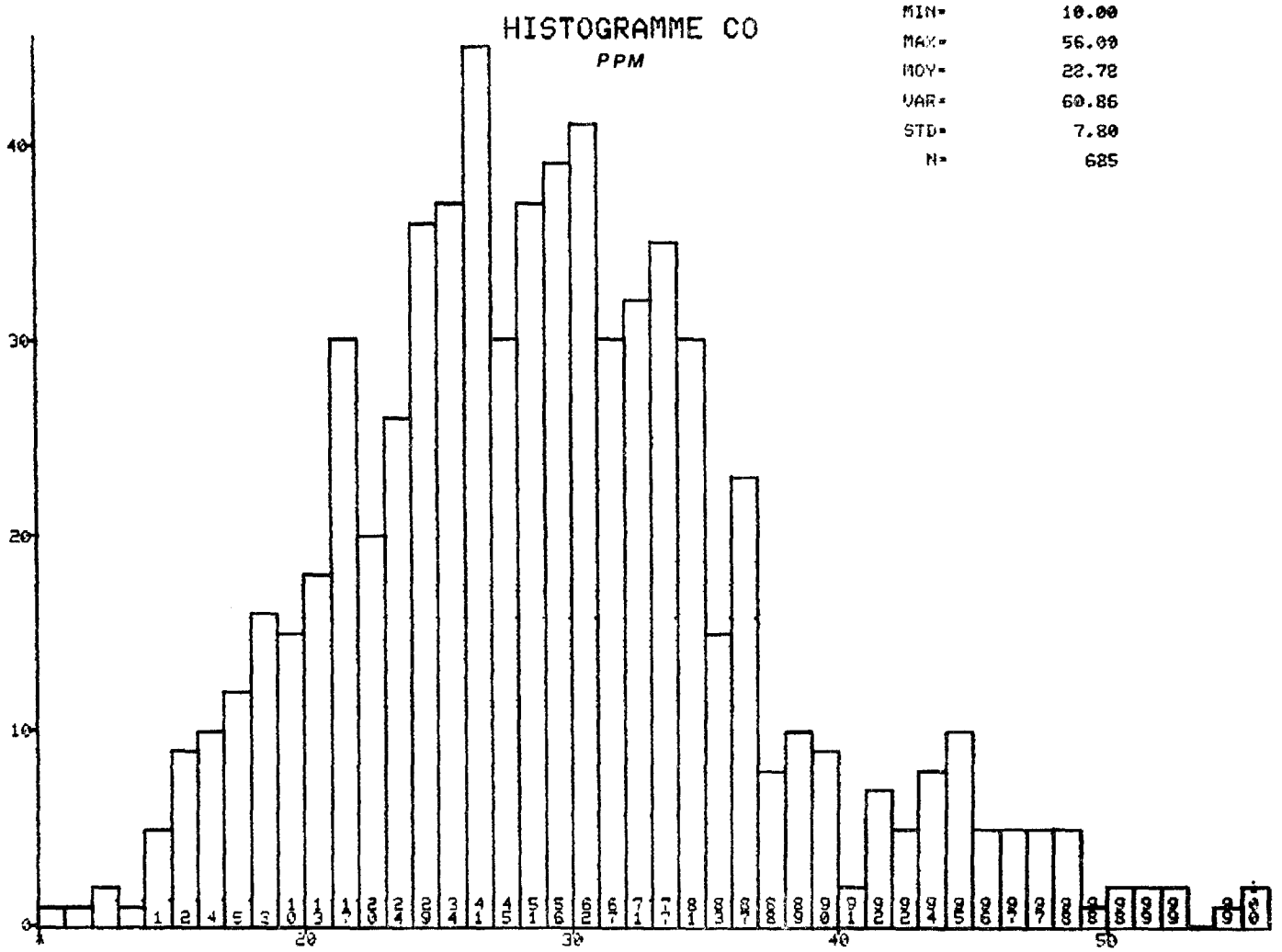
MIN- 5.00
MAX- 35.00
MOY- 5.59
VAR- 6.61
STD- 2.57
N- 188



COBALT 1 - 31 •
(ppm) 32 - 36 ✖
 37 - 41 &
 42 - 48 ●
 49 - 56 ⊙

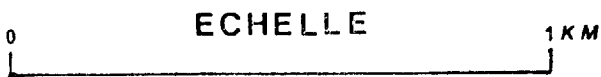
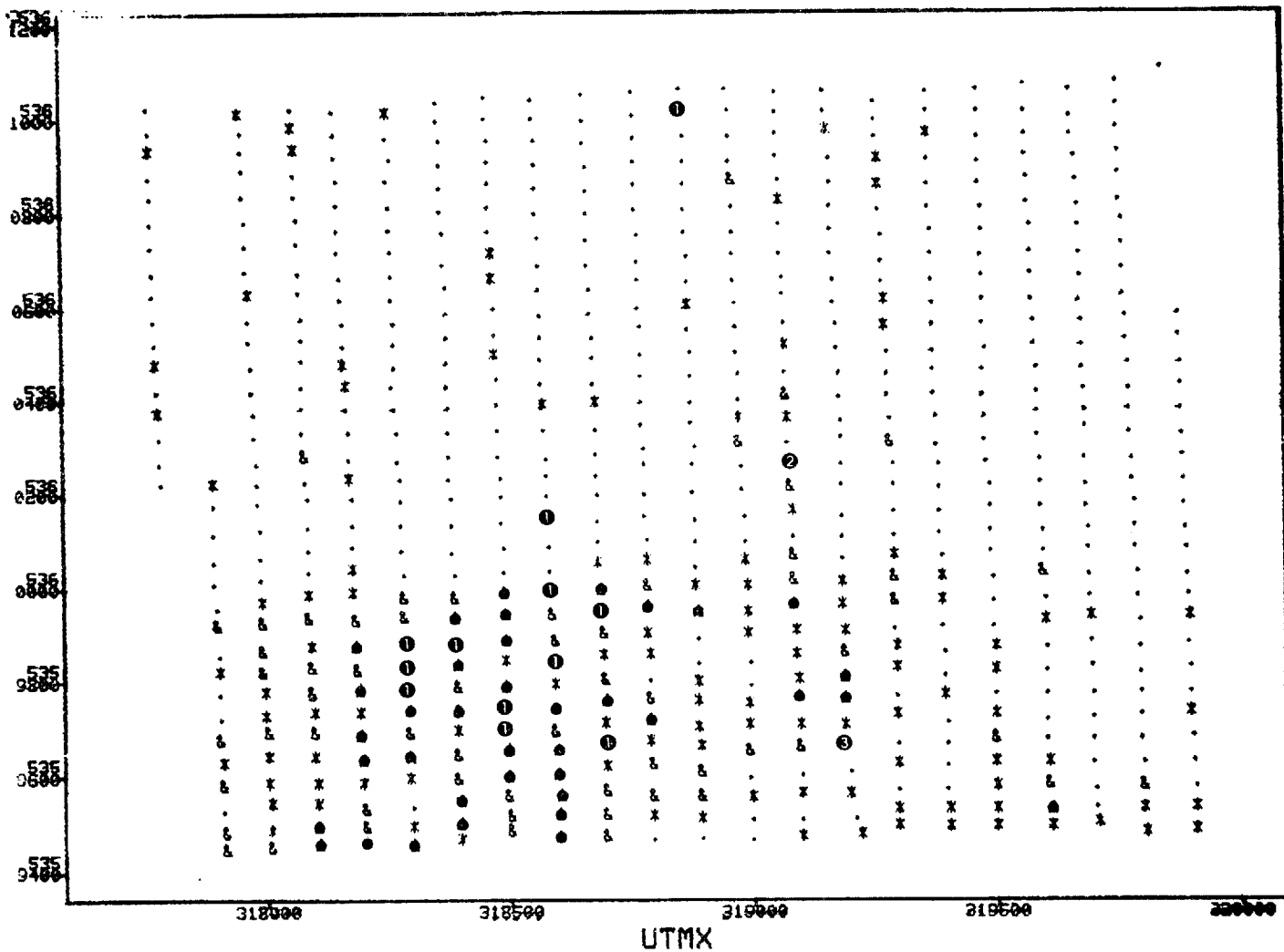
REGION DE LA RIVIERE REBOUL





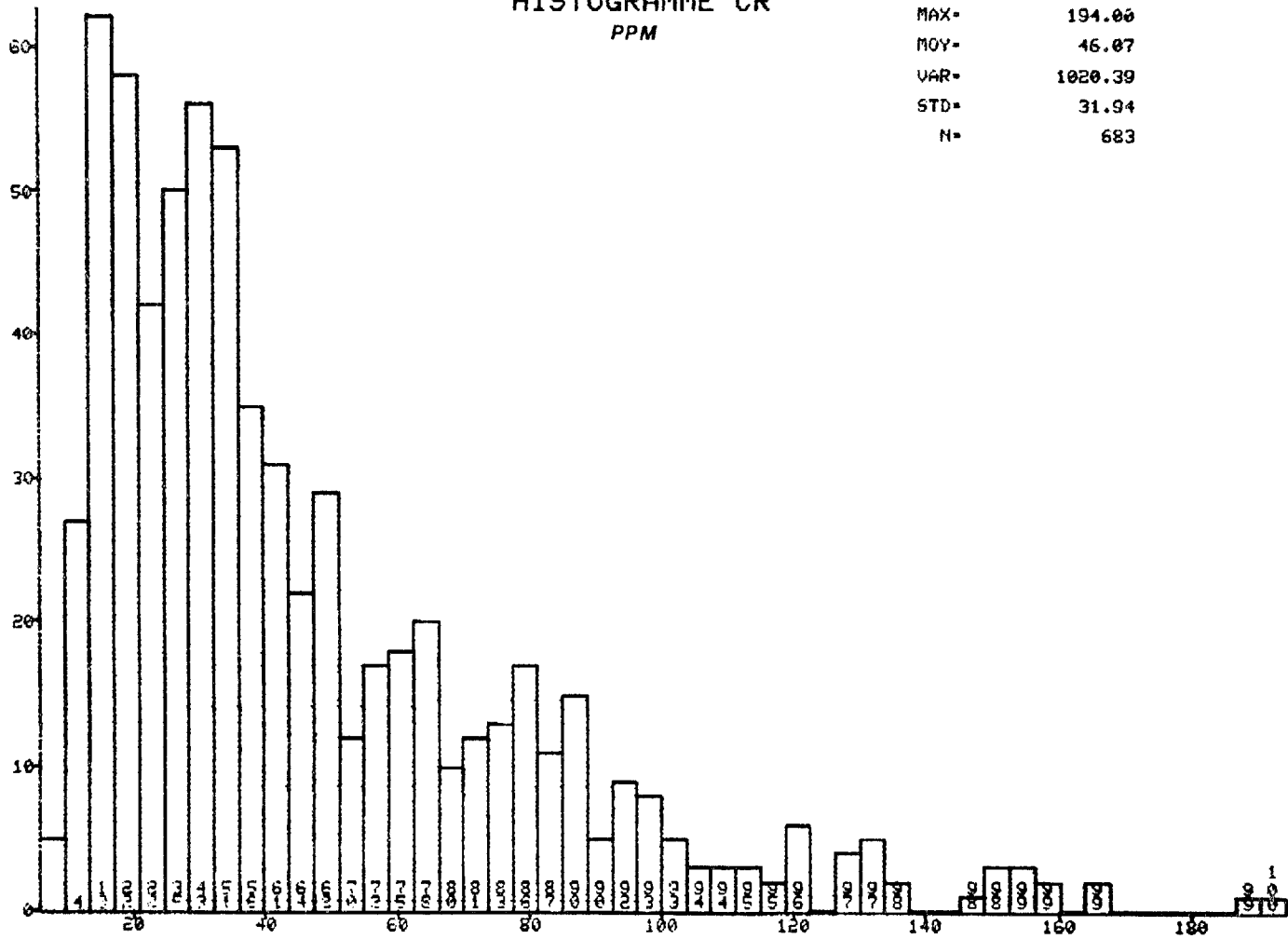
CHROME	1 - 49	•
(ppm)	50 - 78	*
	79 - 97	&
	98 - 146	●
	147 - 300	①
	301 - 600	②
	501 - 740	③

REGION DE LA RIVIERE REBOUL



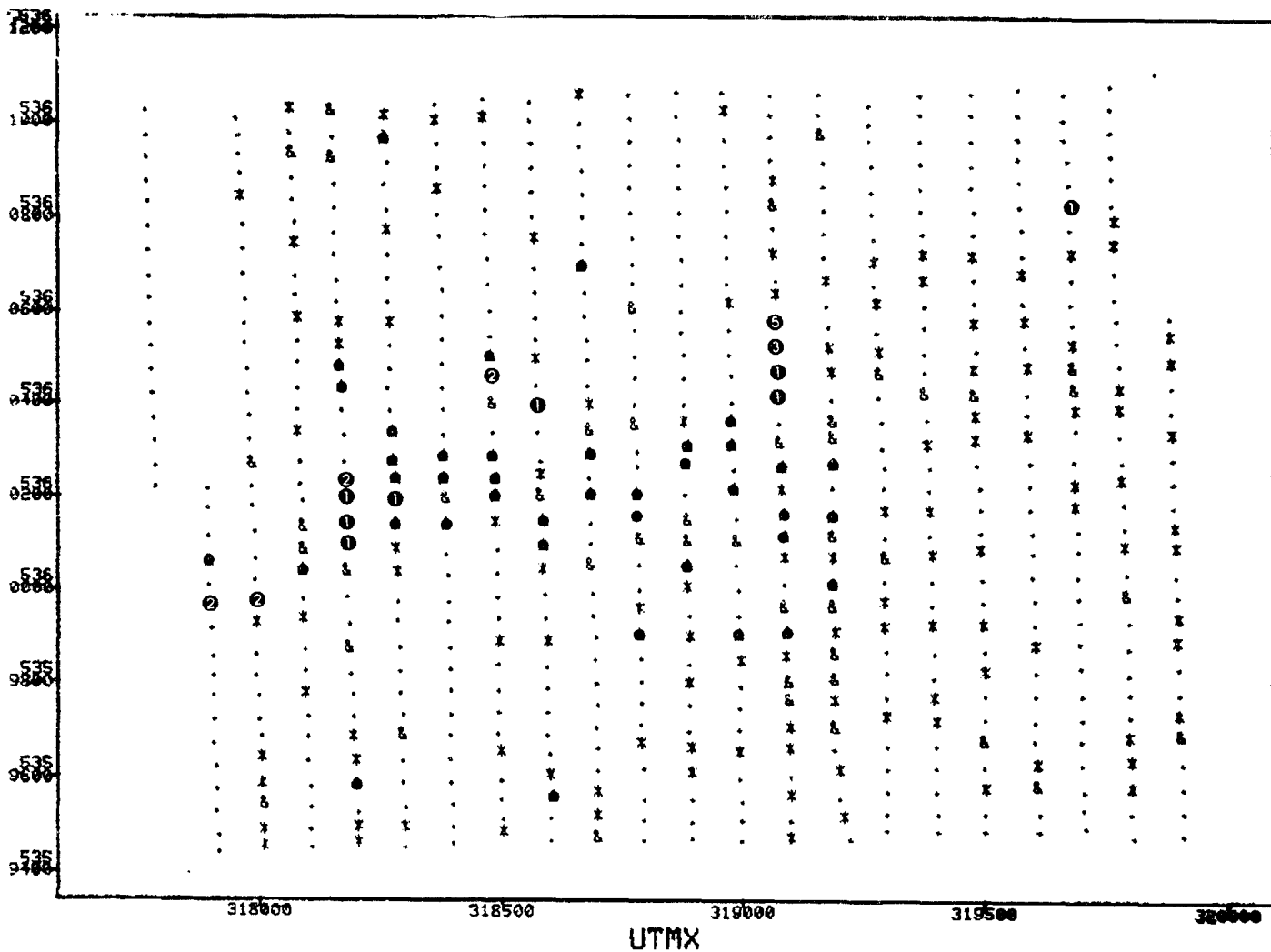
HISTOGRAMME CR PPM

MIN= 6.00
MAX= 194.00
MOY= 46.07
VAR= 1020.39
STD= 31.94
N= 683



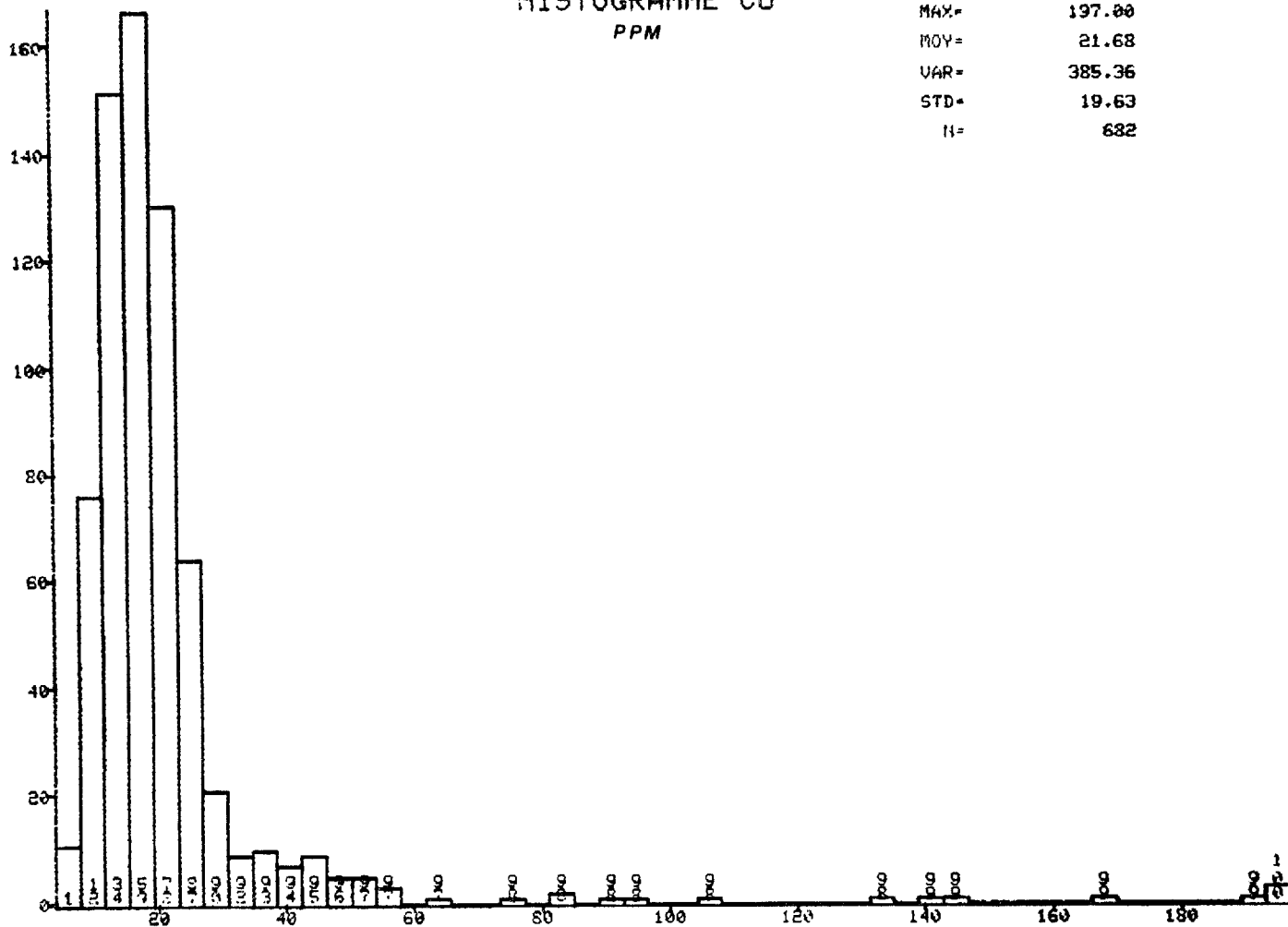
CUIVRE	1 - 21	•
(ppm)	22 - 26	X
	27 - 35	&
	36 - 85	●
	86 - 172	①
	173 - 346	②
	347 - 694	③
	695 - 1390	④
	1391 - 1570	⑤

REGION DE LA RIVIERE REBOUL



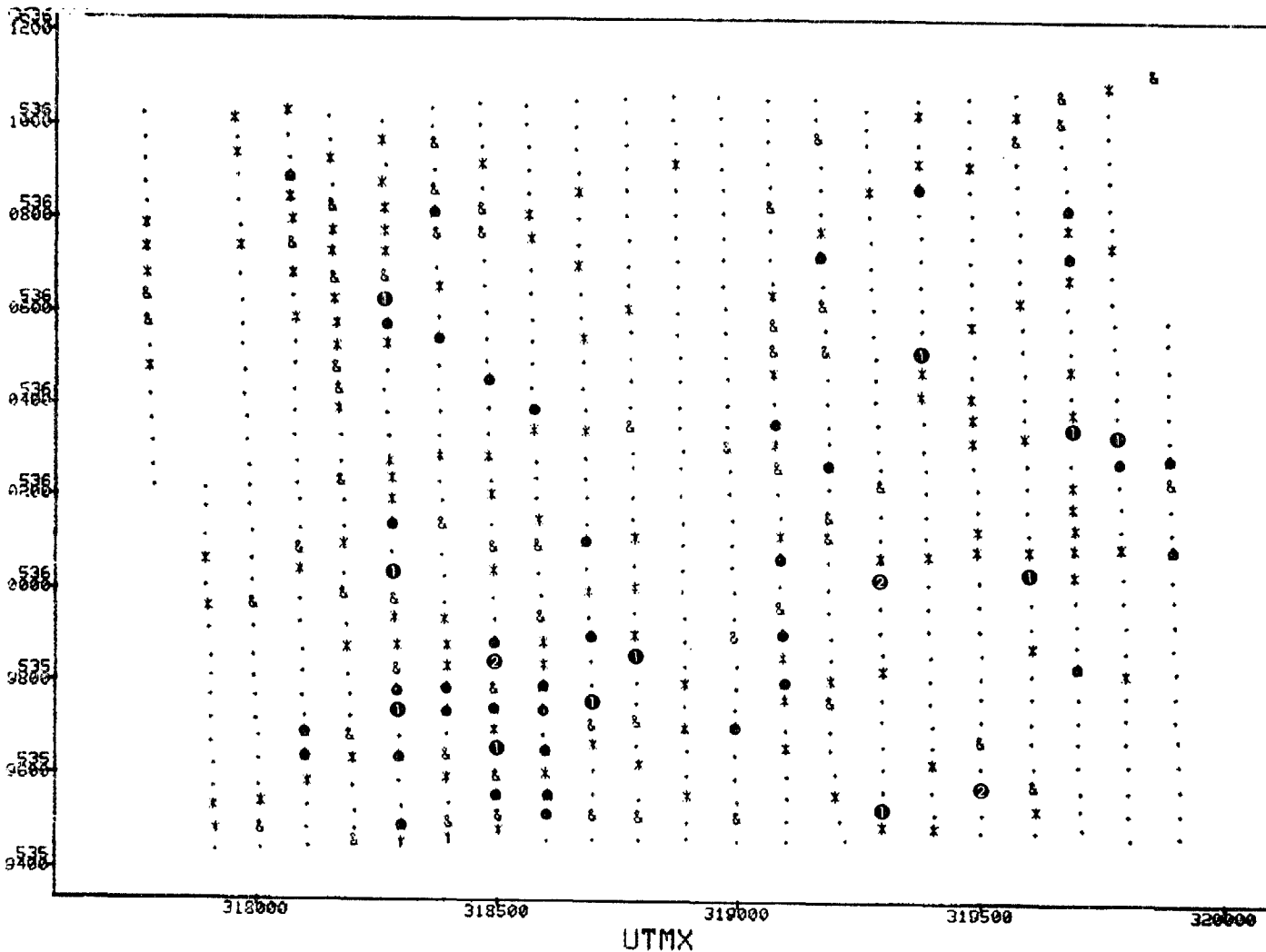
HISTOGRAMME CU PPM

MIN= 4.00
MAX= 197.00
MOY= 21.68
VAR= 385.36
STD= 19.63
N= 632



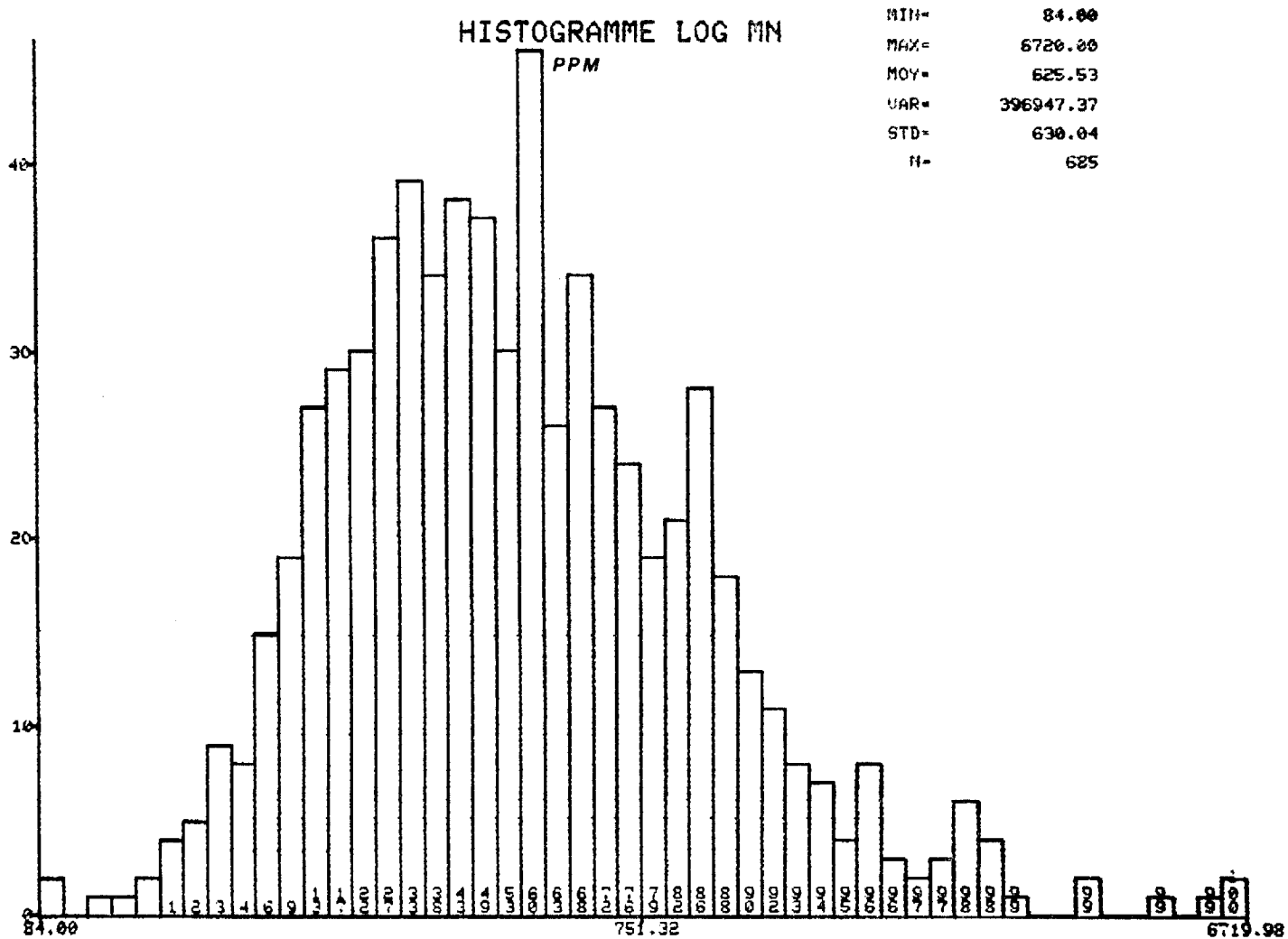
MANGANESE 1 - 594 •
 (ppm) 595 - 926 *
 927 - 1275 &
 1276 - 2425 ●
 2426 - 4850 ①
 4851 - 6720 ②

REGION DE LA RIVIERE REBOUL



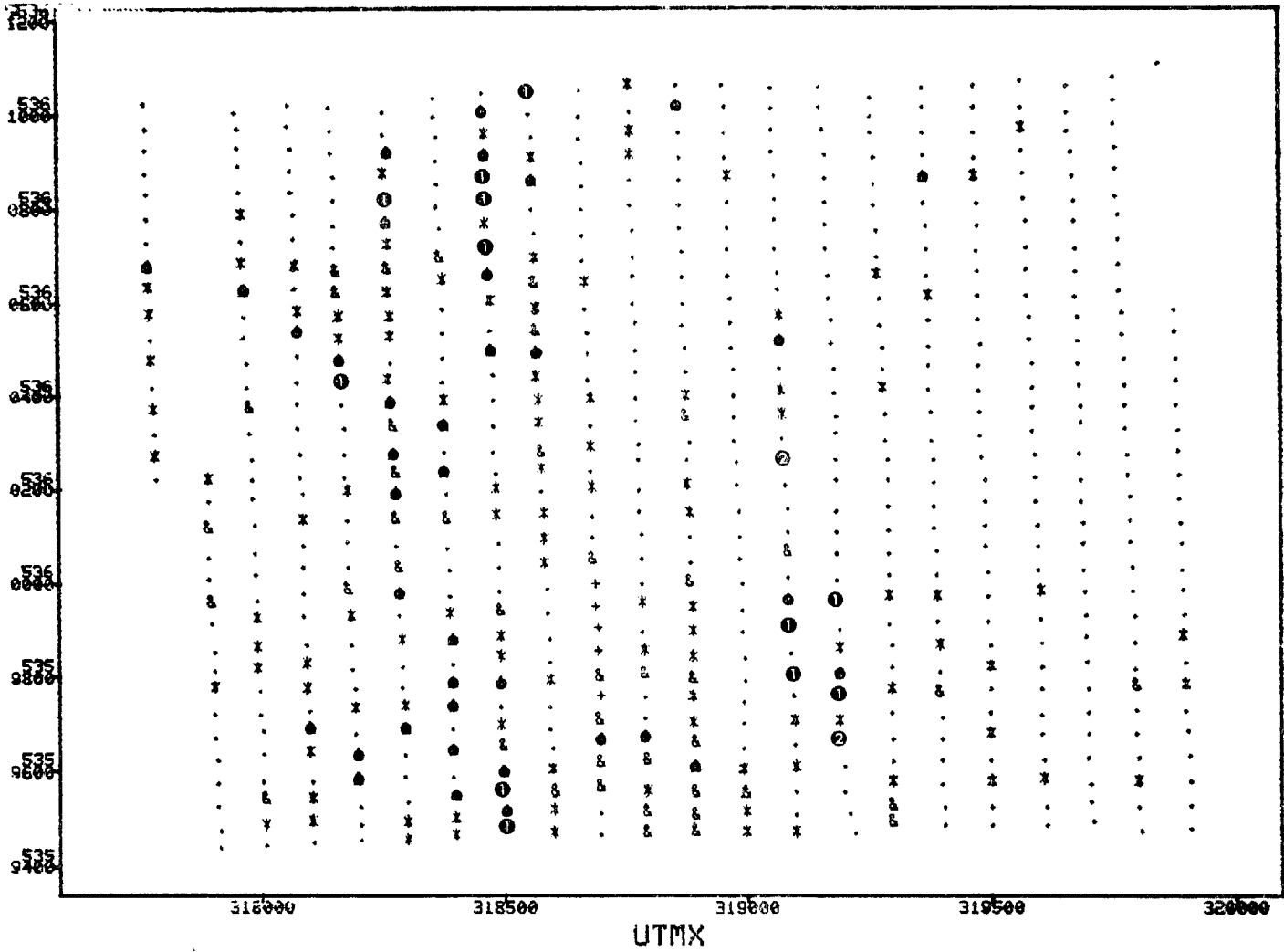
0 ECHELLE 1 KM

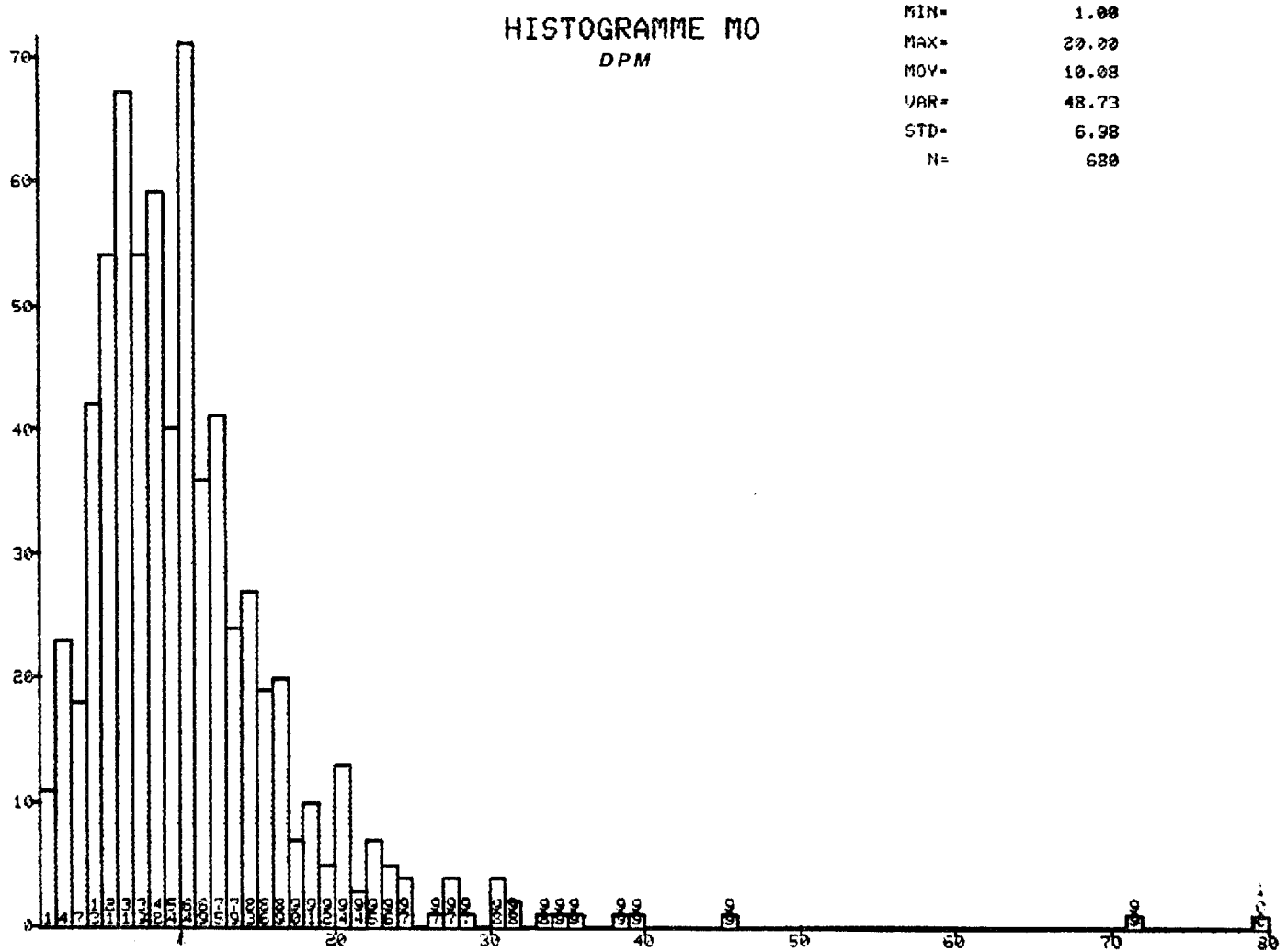
071



MOLYBDENE 1 - 11 •
(dpm) 12 - 15 *
 16 - 19 &
 20 - 28 ●
 29 - 60 ⊙
 61 - 80 ⊗

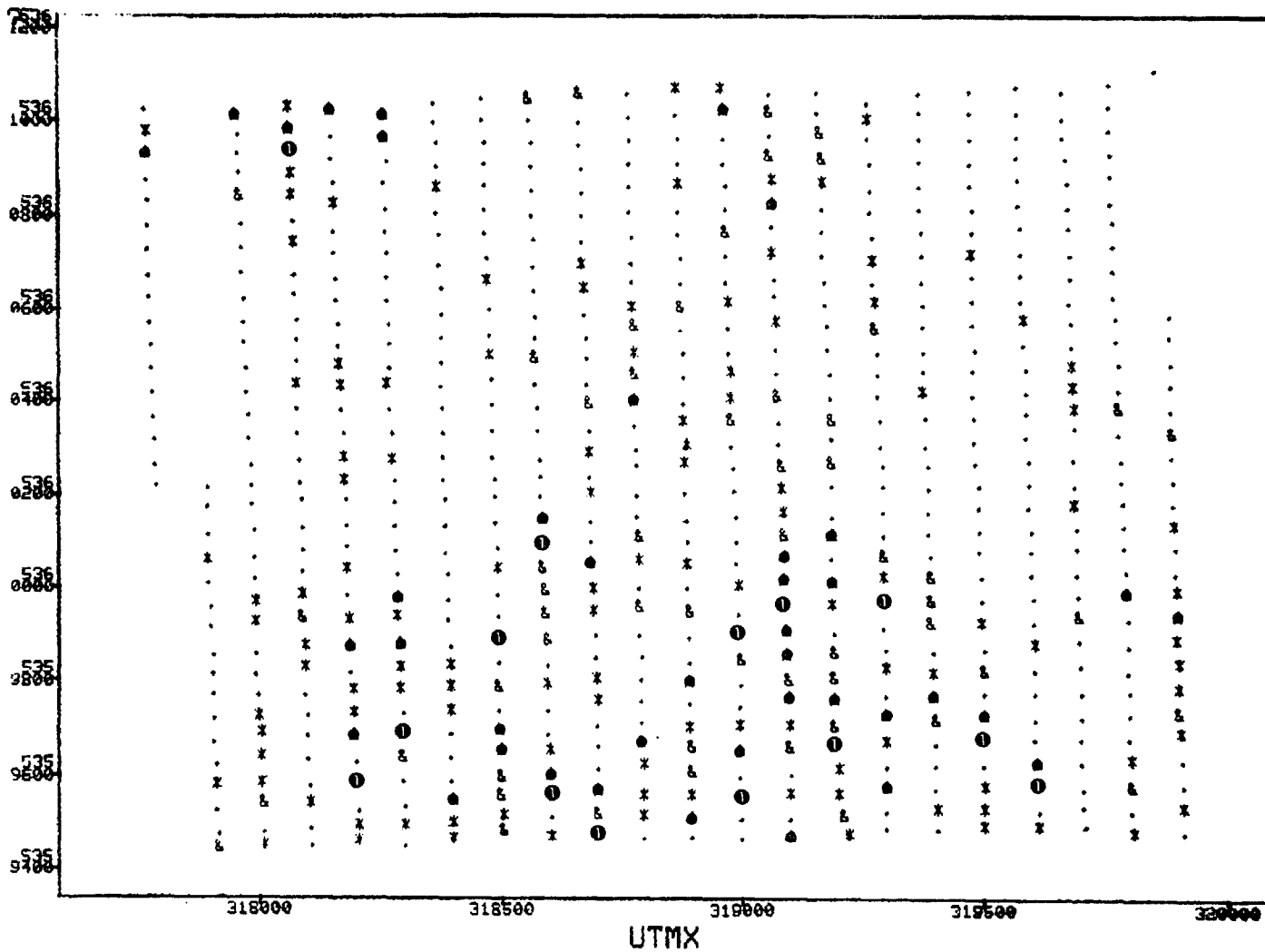
REGION DE LA RIVIERE REBOUL





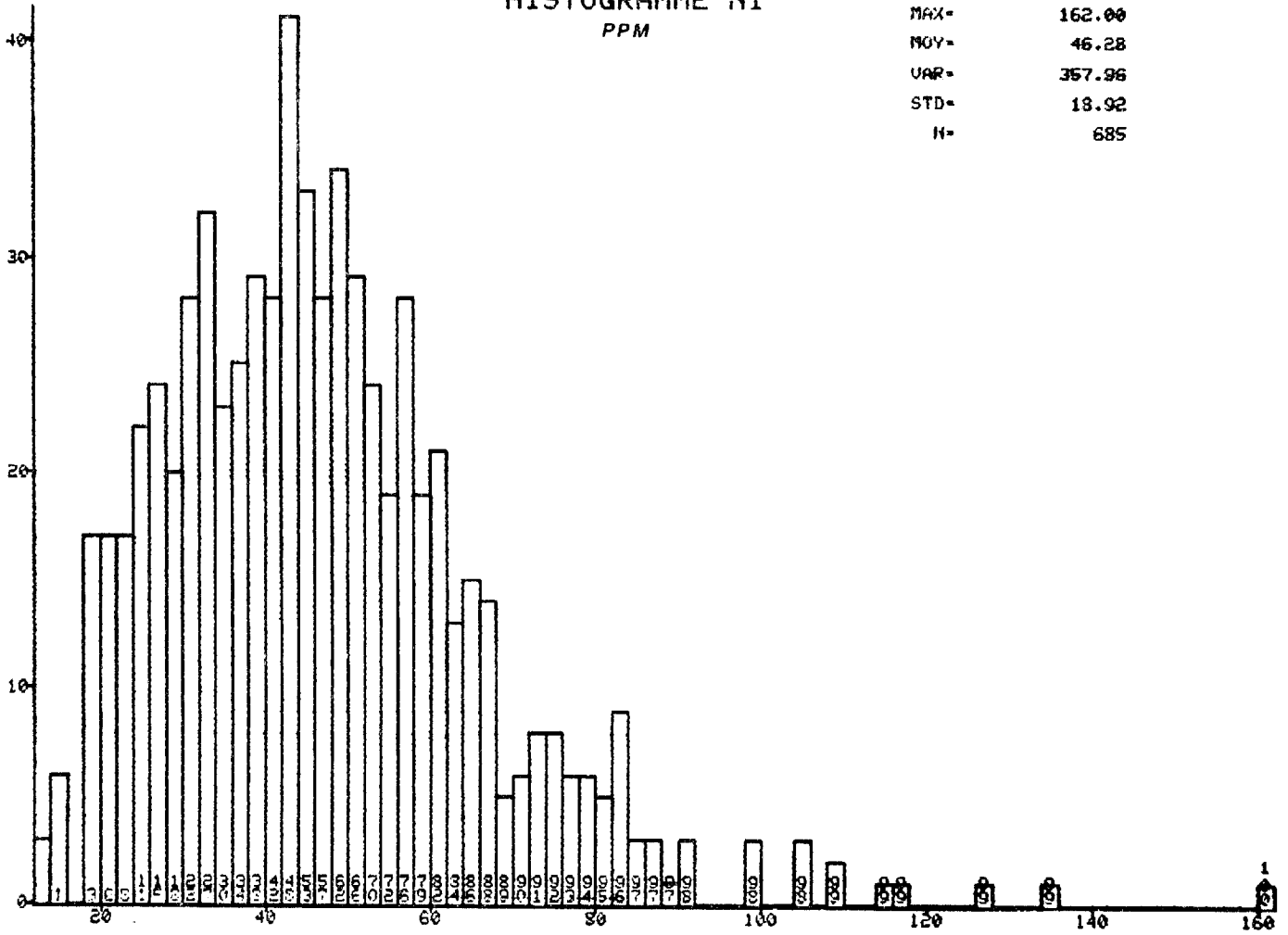
NICKEL
(ppm) 1 - 51 •
 52 - 52 ✕
 63 - 74 &
 75 - 90 ●
 91 - 162 ⊙

REGION DE LA RIVIERE REBOUL



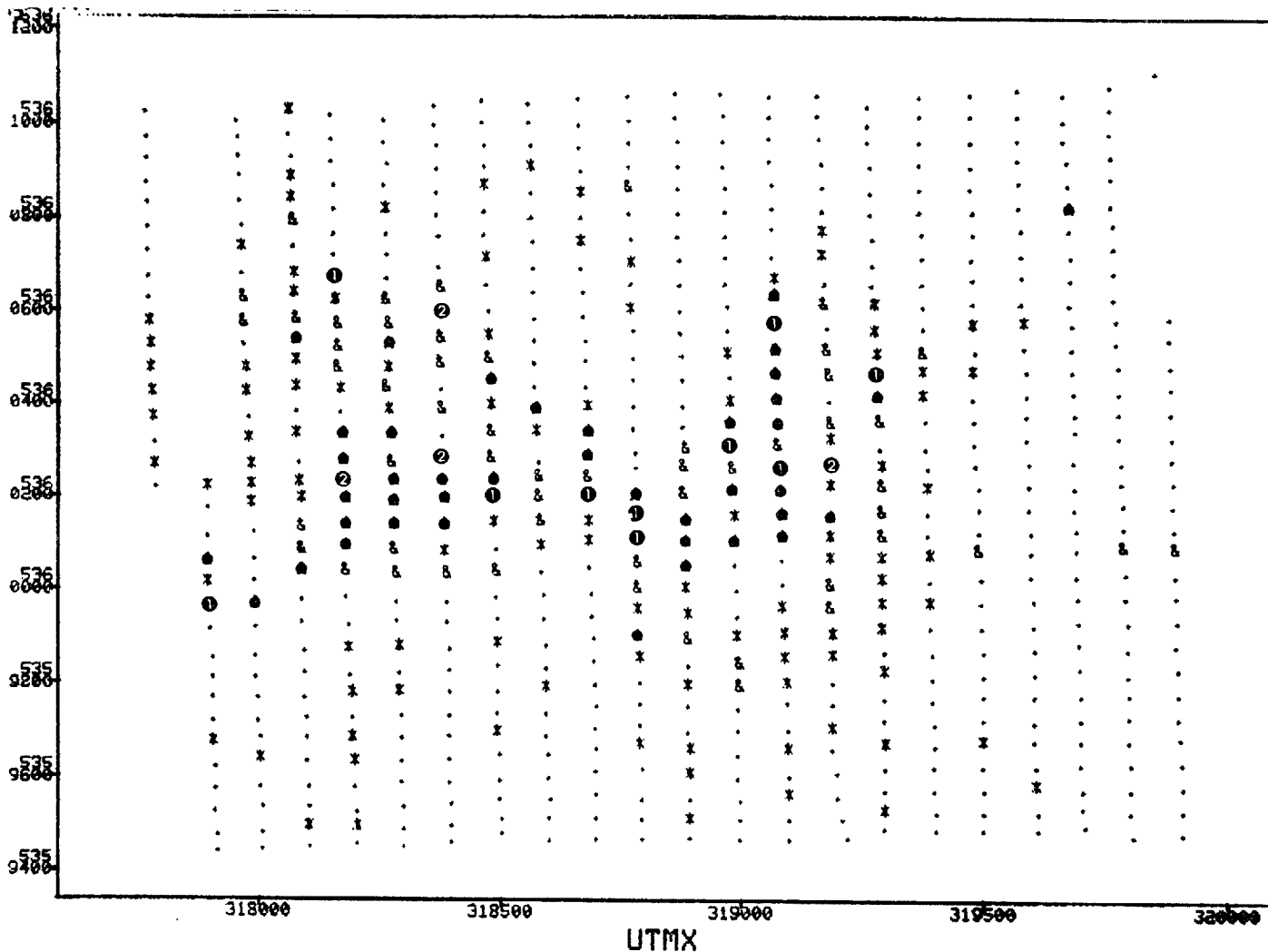
HISTOGRAMME NI PPM

MIN= 12.00
MAX= 162.00
MOY= 46.28
VAR= 357.96
STD= 18.92
N= 685



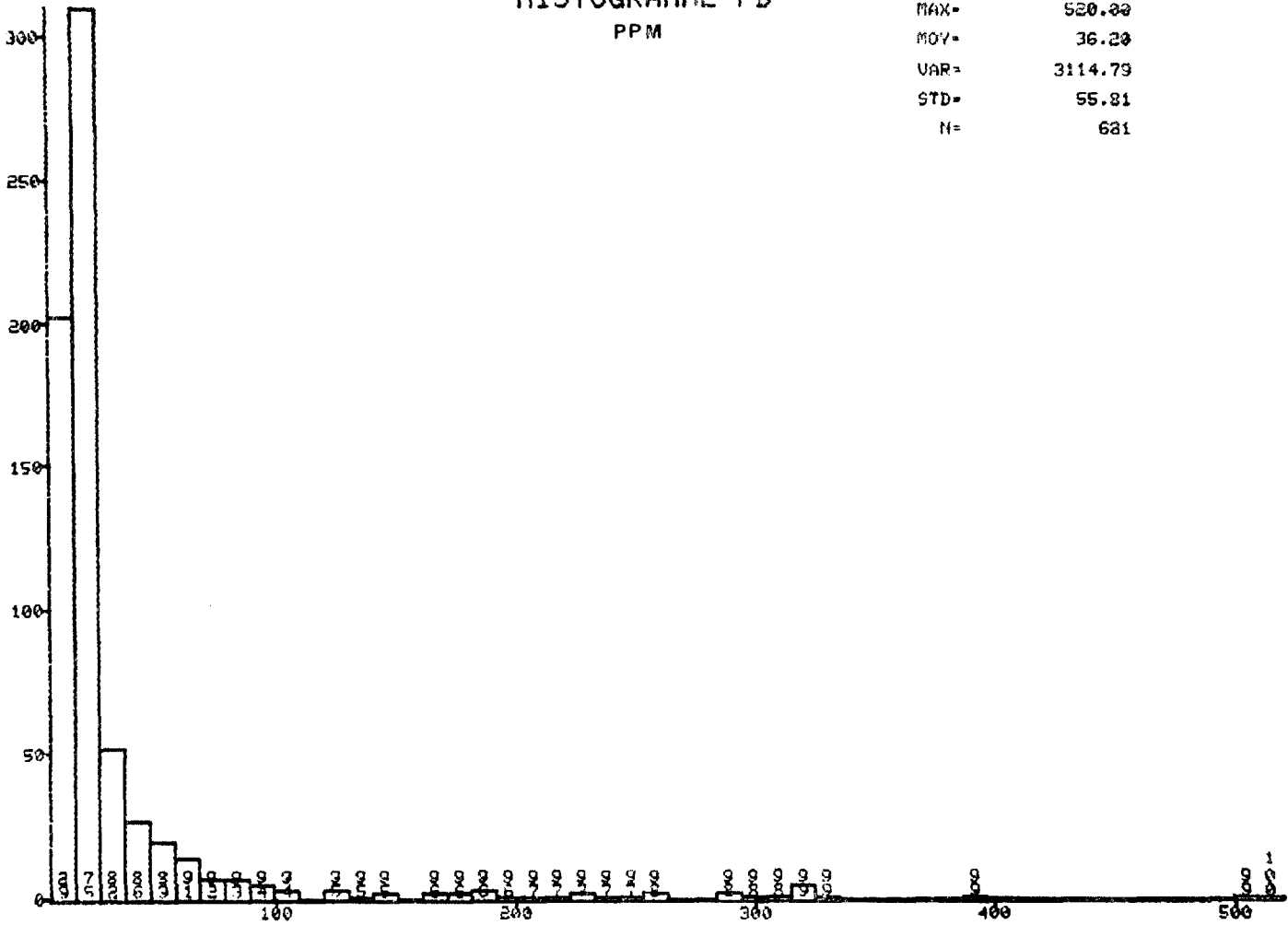
PLOMB 1 - 24 •
(ppm) 25 - 39 ✕
 40 - 76 &
 77 - 298 ●
 299 - 600 ①
 601 - 899 ②

REGION DE LA RIVIERE REBOUL



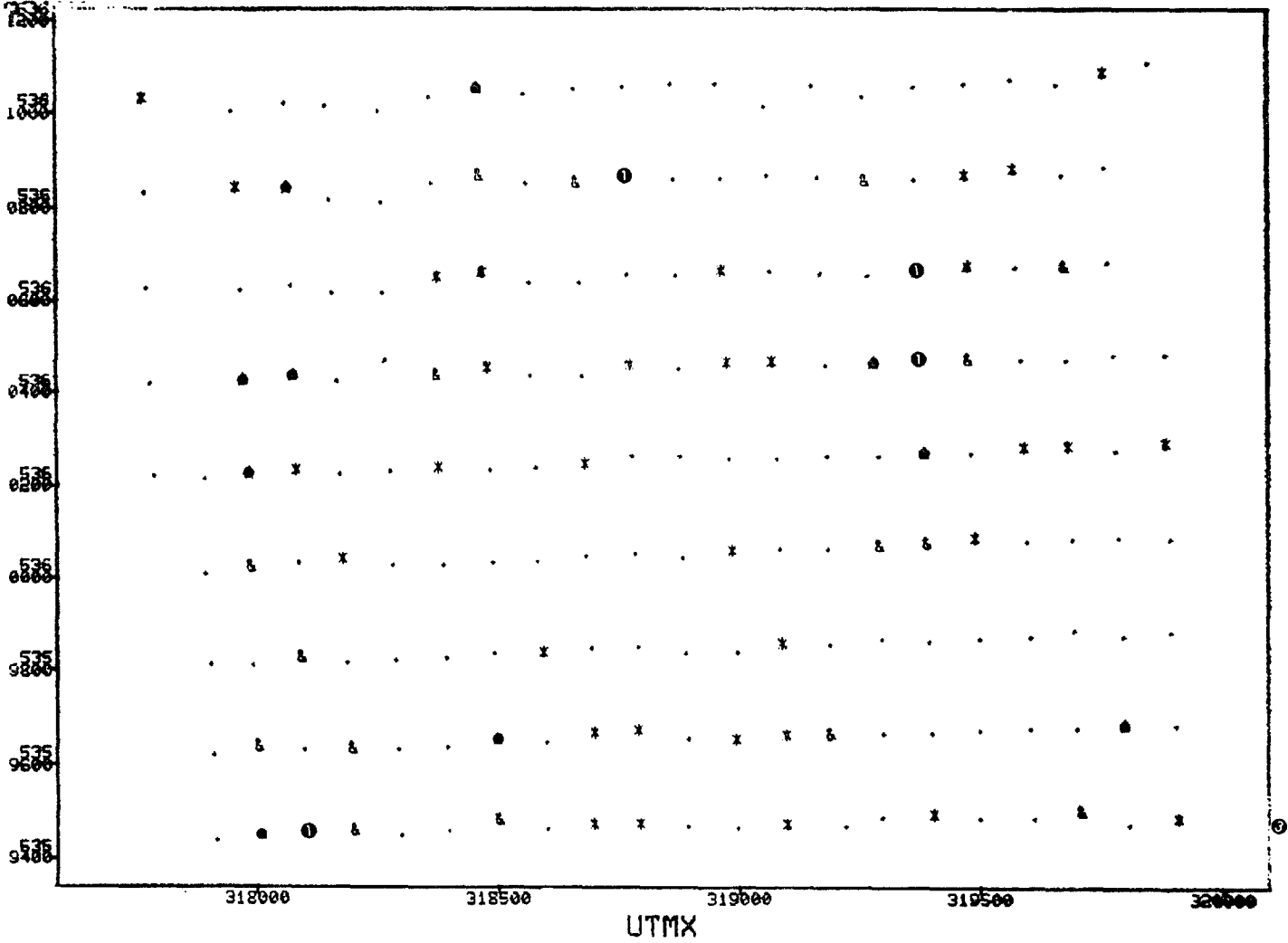
HISTOGRAMME PB PPM

MIN= 7.00
MAX= 520.00
MOY= 36.20
VAR= 3114.79
STD= 55.81
N= 621



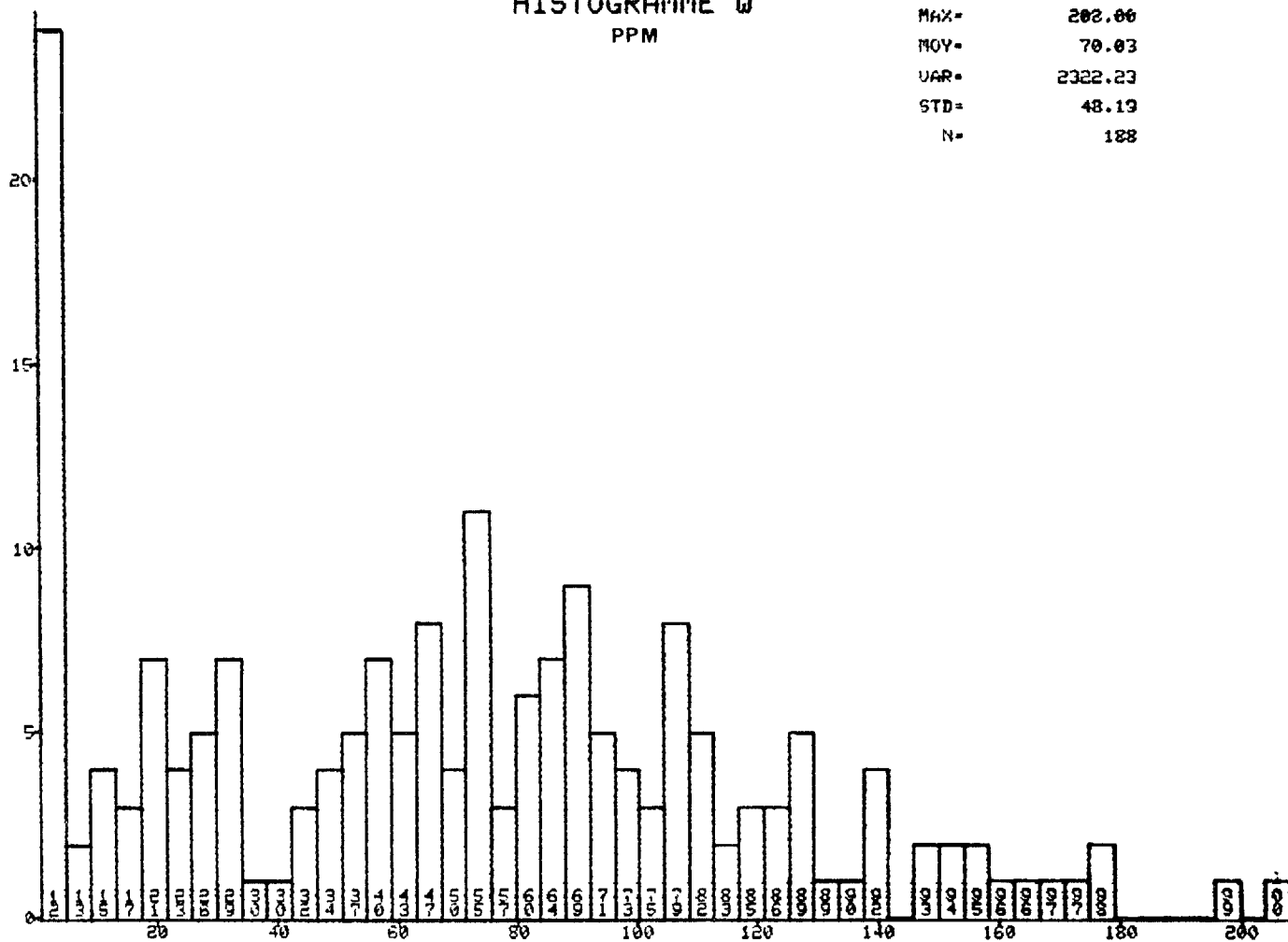
TUNGSTENE 1 - 88 •
(ppm) 89 - 118 ✖
119 - 140 &
141 - 174 ●
175 - 208 ⊙

REGION DE LA RIVIERE REBOUL



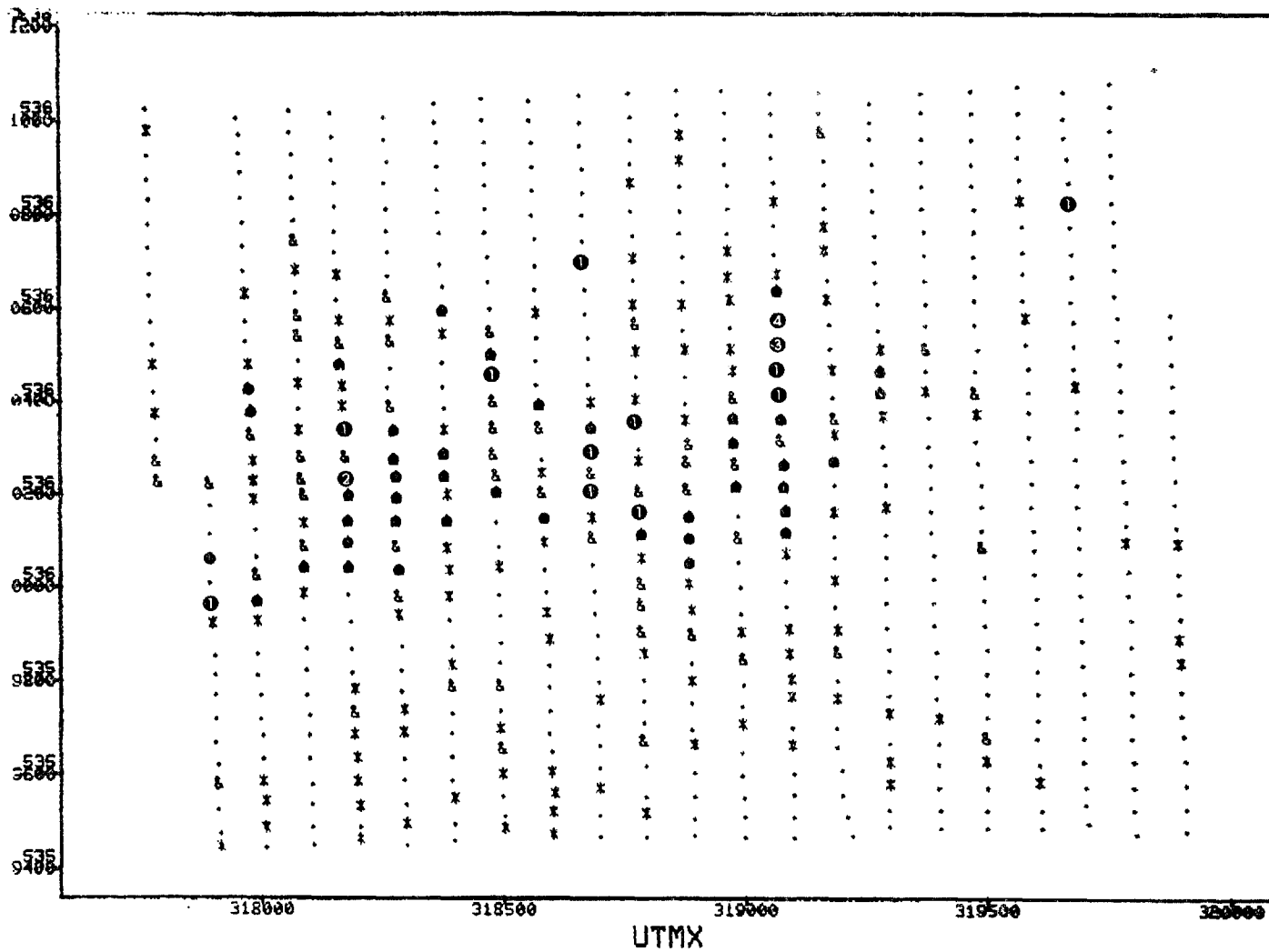
HISTOGRAMME W PPM

MIN= 1.00
MAX= 202.00
MOY= 70.03
VAR= 2322.23
STD= 48.19
N= 188



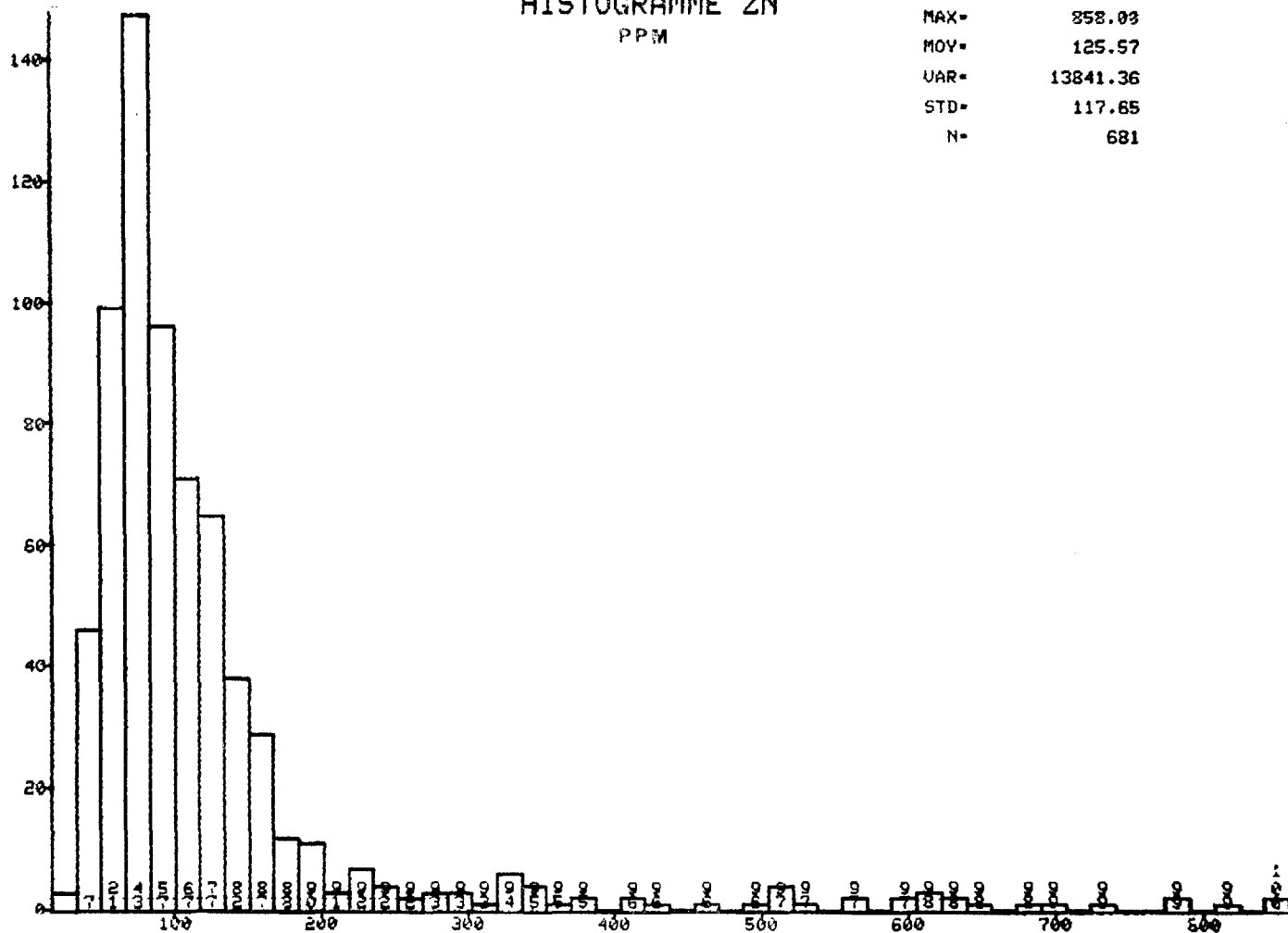
ZINC	1 - 115	•
(ppm)	116 - 155	*
	156 - 250	&
	251 - 625	●
	626 - 1250	①
	1251 - 2500	②
	2501 - 5000	③
	5001 - 6640	④

REGION DE LA RIVIERE REBOUL



HISTOGRAMME ZN PPM

MIN= 17.00
MAX= 858.03
MOY= 125.57
UAR= 13841.36
STD= 117.65
N= 681



ANNEXE 4

SYNTHÈSE MULTI-ÉLÉMENTS

- Site d'échantillonnage

AIRES D'INTÉRÊT

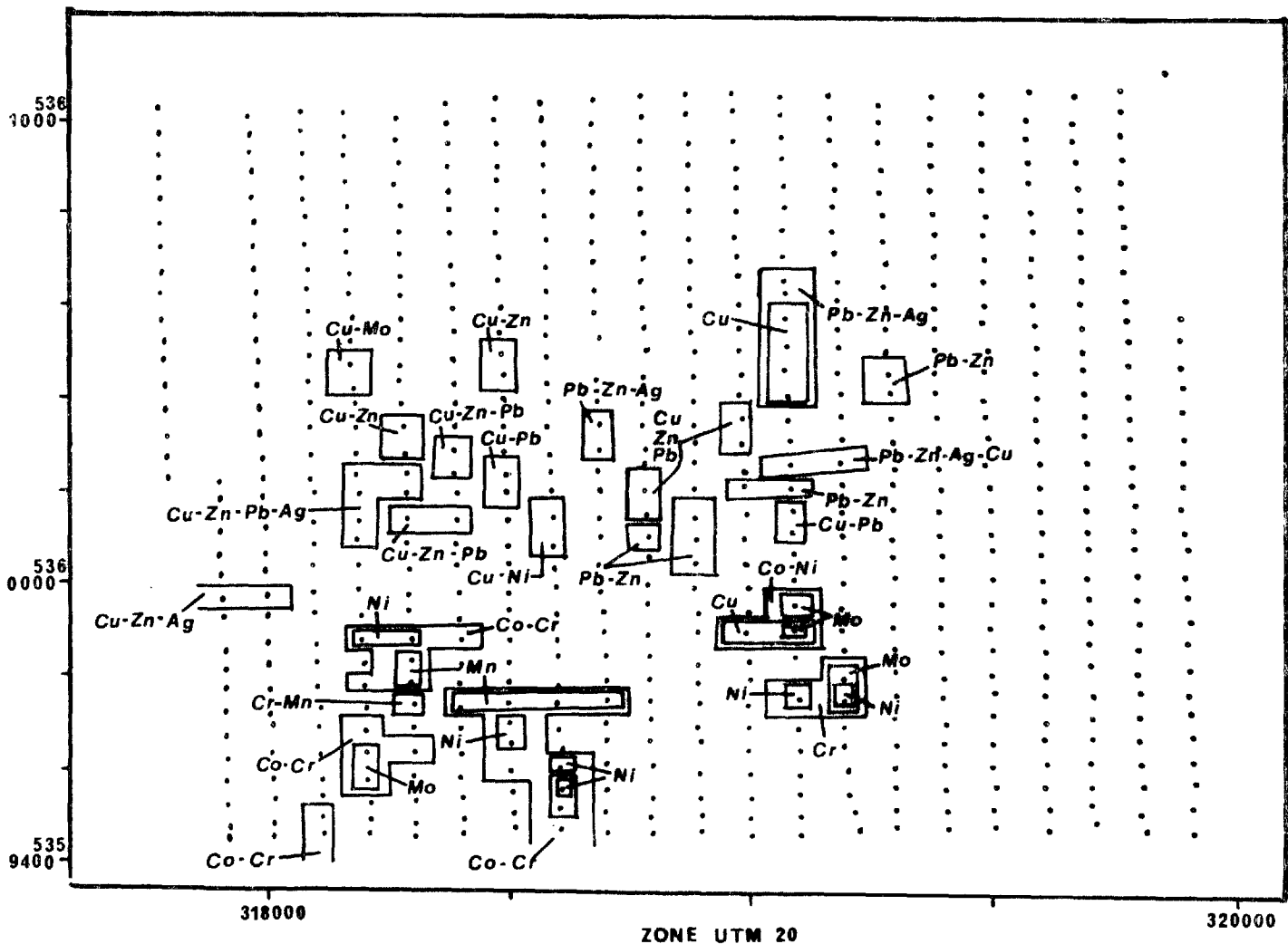
Celle-ci tiennent compte des critères suivants:



- Pour chacun des éléments, seules les teneurs supérieures au 92^e percentile de la distribution statistique sont prises en considération.

- Les teneurs supérieures au 92^e percentile doivent se rencontrer dans au moins deux sites adjacents.

- Les sites doivent eux-mêmes compter des teneurs anormales pour au moins deux éléments.



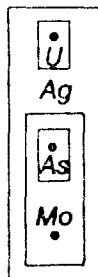
GÉOCHIMIE

084

- Site d'échantillonnage

AIRES D'INTÉRÊT

Celle-ci tiennent compte des critères suivants:



- Pour chacun des éléments, seules les teneurs supérieures au 92^e percentile de la distribution statistique sont prises en considération.

- Les teneurs supérieures au 92^e percentile doivent se rencontrer dans au moins deux sites adjacents.

