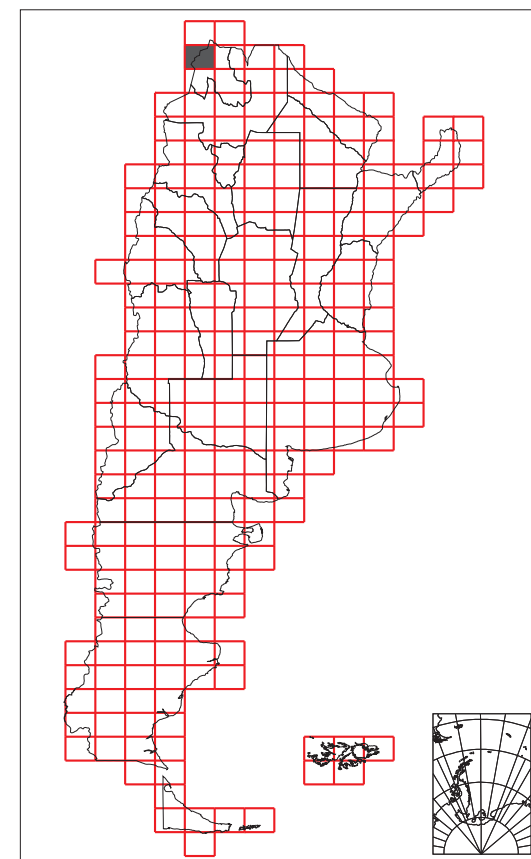
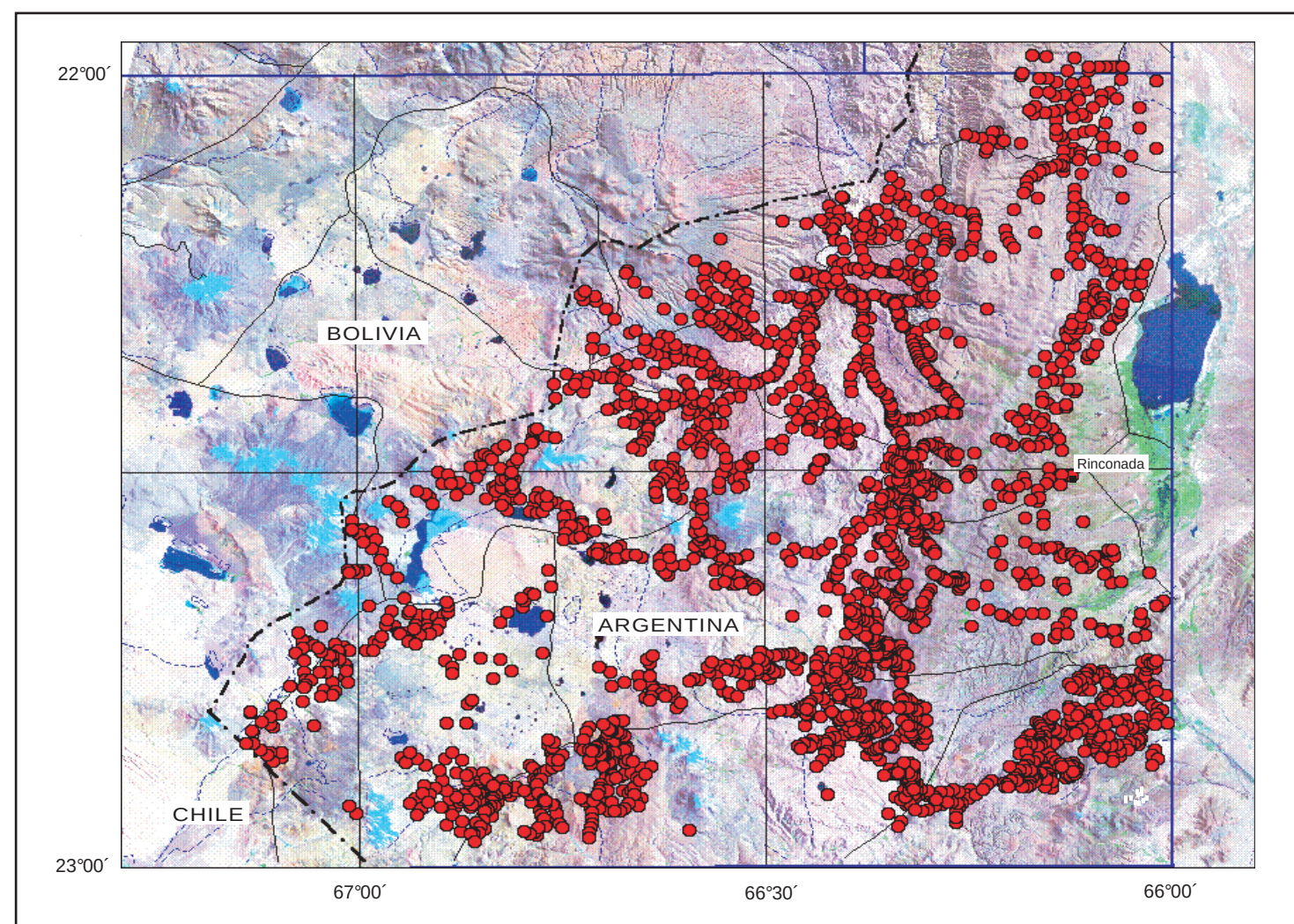




*Datos geoquímicos de Cu, Pb y Zn y
ubicación de sitios de muestreo de
sedimentos de corriente del
Plan NOA Geológico Minero.
Hoja 2366-I Mina Pirquitas, Jujuy.
República Argentina.*

Imagen satelitaria Hoja Mina Pirquitas y ubicación de puntos de muestreo.



Autores:
Ferpozzi L. y A. Turel



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DATOS GEOQUÍMICOS de Cu, Pb y Zn y UBICACIÓN DE SITIOS DE MUESTREO DE SEDIMENTO DE CORRIENTE.

HOJA 2366 - I MINA PIRQUITAS

RESUMEN

Se presenta en esta contribución técnica información geoquímica regional de la Hoja 2366 I Mina Pirquitas. Los puntos de muestreo de sedimento de corriente, designados durante la ejecución de los estudios regionales de reconocimiento desarrollados durante el Plan NOA I de Prospección Geológico Minero, han sido digitalizados sobre mosaicos de imágenes satelitarias. Correspondientemente, se han definido coordenadas Gauss Krüger para dichos puntos, las cuales presentan un error equivalente al de la precisión de georreferenciamiento de las imágenes satelitarias empleadas.

La digitalización punto a punto de la totalidad de los sitios de muestreo se realizó sobre el mosaico de imágenes satelitarias Landsat TM en pantalla. La ubicación original de los sitios fue obtenida a partir de las Hojas-fotomosaico Geoquímicas en escala 1:50.000 de los estudios regionales de reconocimiento desarrollados durante el Plan NOA I de Prospección Geológico Minero y correspondientes a la Hoja 2366 I Mina Pirquitas. La densidad promedio de la grilla del muestreo original varió aproximadamente entre una y tres muestras por km², dependiendo de las dificultades propias del terreno.

Las tablas geoquímicas muestran los datos del contenido de Cu, Pb, Zn, Ni y Sn, determinados en la fracción granométrica < malla 80 de la muestra del sedimento de corriente durante los estudios regionales de reconocimiento del Plan NOA I de Prospección Geológico Minero, y también las correspondientes coordenadas de ubicación del sitio de muestreo.

Las muestras de sedimento de corriente fueron analizadas por Cu, Pb, Zn, Ni y Sn en laboratorios de la Secretaría de Minería, aplicando técnicas de análisis por Colorimetría (in situ y en el laboratorio) inicialmente y luego por espectrometría de absorción atómica; la medición de muestras duplicadas y muestras de control estuvo incorporada a la rutina del laboratorio para el monitoreo de la calidad de los análisis .

Las tablas geoquímicas presentan los contenidos de Cu, Pb y Zn medidos en la fracción < malla 80 de 2.539 muestras de sedimento de corriente. Adicionalmente, muestran también los contenidos de Ni y Sn medidos en la misma fracción del sedimento de corriente pero sobre un numero menor de muestras.

Un mapa de la Hoja 2366 I Mina Pirquitas presenta la ubicación de los 2718 sitios en los que se tomaron muestras de sedimento de corriente durante los estudios regionales de reconocimiento desarrollados en el Plan NOA I de Prospección Geológico Minero. En otro mapa equivalente, se presenta la ubicación de las 2539 muestras, cuya fracción < malla 80 fue analizada por Cu, Pb y Zn, y adicionalmente por Ni y Sn.

Las etiquetas de los puntos de muestreo se presentan en siete mapas, en escalas que varían entre 1:145.000 y 1.180.000, y que corresponden a cada uno de los sectores en que ha sido dividida la Hoja 2366 I Mina Pirquitas para lograr una visualización adecuada de las etiquetas.

La distribución geográfica del valor absoluto de los contenidos de Cu, Pb, Zn, Ni y Sn se muestra en mapas temáticos de la Hoja 2366 I Mina Pirquitas en una escala aproximada 1 : 500.000.

INTRODUCCIÓN

Desde el año 1996, el SEGEMAR ha concretado junto con los Servicios Geológicos de Bolivia, Chile y Perú, y con el Servicio Geológico de Canadá, un acuerdo de cooperación científica denominado Proyecto Multinacional Andino (Multinational Andean Project).

Uno de los objetivos del Proyecto Multinacional Andino es el ordenamiento y la sistematización de la información de archivo existente, así como la generación de nueva información geoquímica regional de base para las Hojas Fiambalá, Paso San Francisco, Antofalla, Mina Pirquitas, Susques, San Antonio de los Cobres y Socompa.

Esta publicación constituye la cuarta entrega de la serie de contribuciones técnicas, relacionadas con temas de exploración geoquímica, mediante las cuales el SEGEMAR ha liberado datos geoquímicos regionales inéditos (crudos) de sedimento de corriente de las Hojas 2769 IV Fiambalá, 2769 II Paso San Francisco, 2569 IV Antofalla, y 2366 I Mina Pirquitas, incluidas en el proyecto MAP.

TAREAS Y PERSONAL PARTICIPANTE

El muestreo del sedimento de corriente fue ejecutado durante los estudios regionales de reconocimiento desarrollados durante el Plan NOA I de Prospección Geológico Minero, que llevaron a cabo la Secretaría de Minería y la Dirección General de Fabricaciones Militares durante la década del 70.

La coordinación y supervisión general de la componente geoquímica del Proyecto MAP estuvo a cargo de L. Ferpozzi.

Las bases de datos con los contenidos de Cu, Pb y Zn analizados durante la ejecución de los estudios regionales de reconocimiento desarrollados en el Plan NOA I de Prospección Geológico Minero fueron completadas por el Sres. A. Jara y C. Vidal.

La digitalización y ubicación de los sitios de muestreo de sedimento de corriente sobre las imágenes satelitarias fue realizada por D. Siehankiewicz con la colaboración del Sr. A. Jara.

El georreferenciamiento y mosaicado de las imágenes satelitarias Landsat TM fue ejecutado por el Lic. N. Alsina.

Los mapas temáticos y las tablas fueron confeccionados y editados por L. Ferpozzi y A. Turel.

MUESTREO.

El muestreo del sedimento de corriente fue ejecutado durante los estudios regionales de reconocimiento desarrollados en la década del 70 por la Secretaría de Minería y la Dirección General de Fabricaciones Militares (DGFM).

Las muestras de sedimento fueron recolectadas sobre lecho activo de los cauces fluviales. El muestreo se realizó sobre los ríos principales y en sus tributarios de orden inferior, desde sus cabeceras hasta las confluencias.

La selección y ubicación de los puntos de muestreo se realizó mediante el empleo de fotografías aéreas y sus mosaicos a escala 1:50.000

La densidad de muestreo promedio fue de 1 muestra cada 3-4 km², pero en algunas áreas fue de 1-4 muestras por km² y en otras de 1 muestra cada 5 km².

La masa de muestra recolectada en el campo variaba entre 200g y 500g.

PREPARACIÓN DE MUESTRAS

Los laboratorios del Plan NOA I de Prospección Geológico Minero destinaban una porción que variaba entre la mitad y dos tercios de la muestra de campo original del sedimento para el análisis y la restante para el archivo.

En el laboratorio las muestras fueron secadas al aire, tamizadas a la fracción < malla 80 y posteriormente cuarteadas. La fracción retenida en la malla 80 también fue archivada. La fracción < malla 80 fue envasada en frascos plásticos con cierre hermético, adecuadamente rotulados, y archivadas en los depósitos de la Dirección General de Fabricaciones Militares; posteriormente la DGFM cedió estas muestras de archivo a las Direcciones de Minería de las provincias de Salta y Jujuy.

Una parte de la fracción < malla 80 fue molida hasta polvo impalpable y posteriormente analizada por Cu, Pb, Zn, Ni y Sn.

METODOLOGÍA ANALÍTICA

Los análisis por Cu, Pb, Zn, Ni y Sn fueron efectuados sobre la fracción < malla 80 del sedimento de corriente.

La medición de las concentraciones analíticas de se efectuó mediante espectrometría de absorción atómica, luego de una disgregación multiácida.

El valore del límite de detección fue 1 ppm para Cobre, Plomo, Zinc, Niquel y Estaño.

Los contenidos inferiores al límite de detección están indicados en las tablas geoquímicas con números positivos iguales a la mitad del valor absoluto del límite de detección. Los elementos sin medición en una muestra dada están indicados con “msm” en la tabla.

A los fines de la construcción de los mapas temáticos, los valores que indican contenidos inferiores al límite de detección, que en las tablas originales del laboratorio están representados con los signos “ – “ o con “ < ”, fueron reemplazados por un valor positivo igual a la mitad del valor absoluto del límite de detección.

GEORREFERENCIACION Y DIGITALIZACIÓN DE LOS DATOS

Todos los puntos del muestreo geoquímico de sedimentos de corriente, que fueran representados en las Hojas-fotomosaicos geoquímicos de los estudios regionales de reconocimiento desarrollados durante el Plan NOA I de Prospección Geológico Minero, han sido digitalizados en pantalla sobre imágenes satelitarias Landsat TM empleando la escala 1 : 50.000.

Las coordenadas se obtuvieron a partir de la digitalización de los puntos de muestreo sobre el mosaico de imágenes satelitarias Landsat TM de la Hoja 2366 I Mina Pirquitas.

Las coordenadas en metros para cada punto se obtuvieron considerando el datum Campo Inchauspe 1969 y la proyección Gauss Krüger faja 2, y con una precisión equivalente a la del georrefenciamiento de las imágenes satelitarias empleadas.

La imagen digital del mosaico de la Hoja 2366 I Mina Pirquitas ha sido grabada con formato TIFF , sin comprimir, del tipo 800 x 600 – 24 bits (formato Er Mapper), cuyas coordenadas de pixeles extremos son las siguientes:

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**SERIE CONTRIBUCIONES TÉCNICAS
GEOQUÍMICA N° 7
1999**

Datos de Cu, Pb y Zn
Sedimentos de corriente fluvial
Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

**Sitios de muestreo ubicados en
imagenes satelitarias Landsat
Plan NOA Geológico Minero**

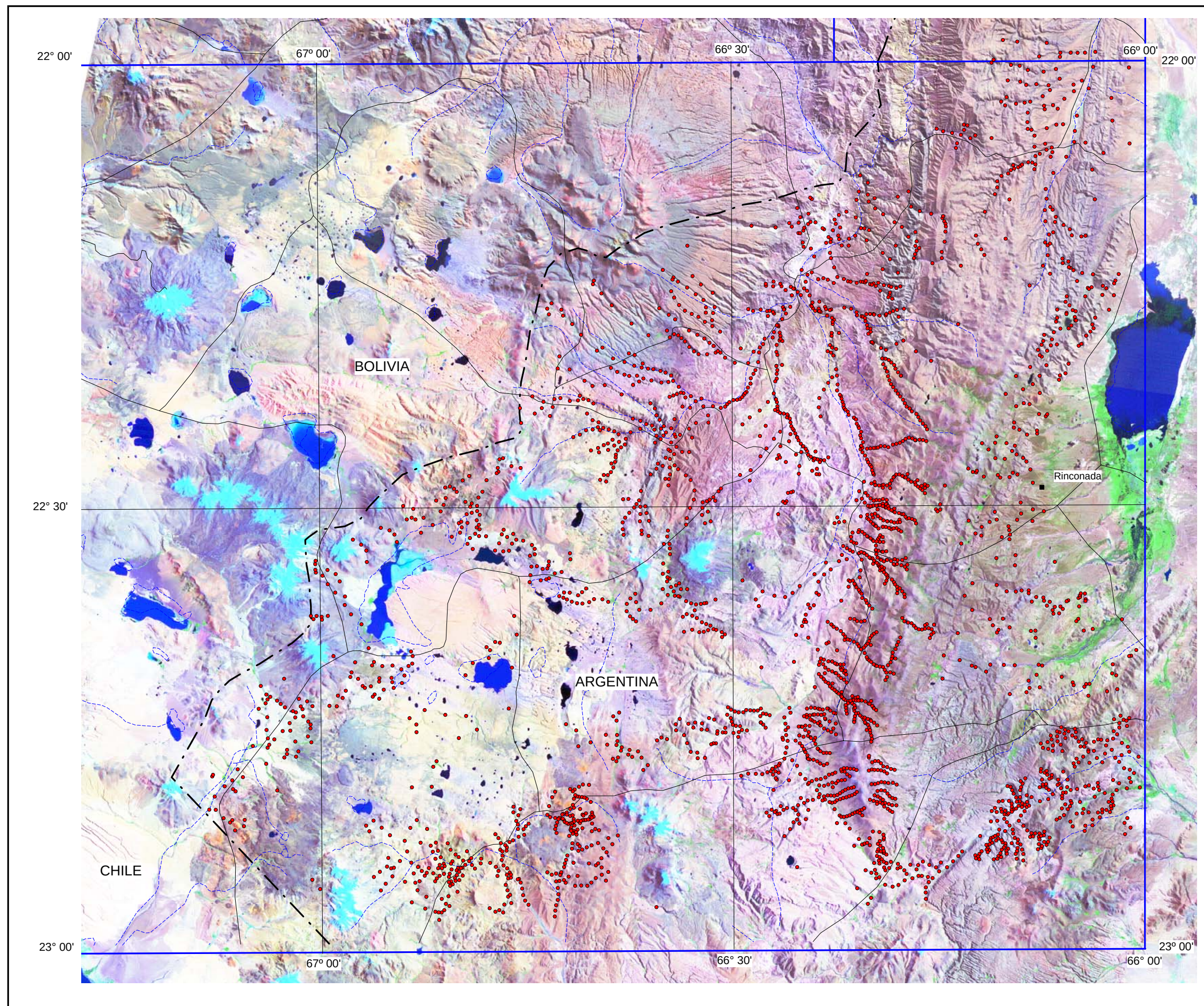
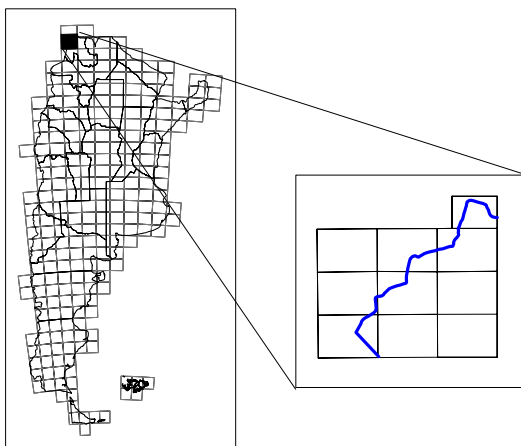


Escala 1: 500.000

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SERIE CONTRIBUCIONES TÉCNICAS
GEOQUÍMICA N° 7
1999

Datos de Cu, Pb y Zn
Sedimentos de corriente fluvial
Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

Sitios de muestreo
Plano general de ubicación
Plan NOA Geológico Minero

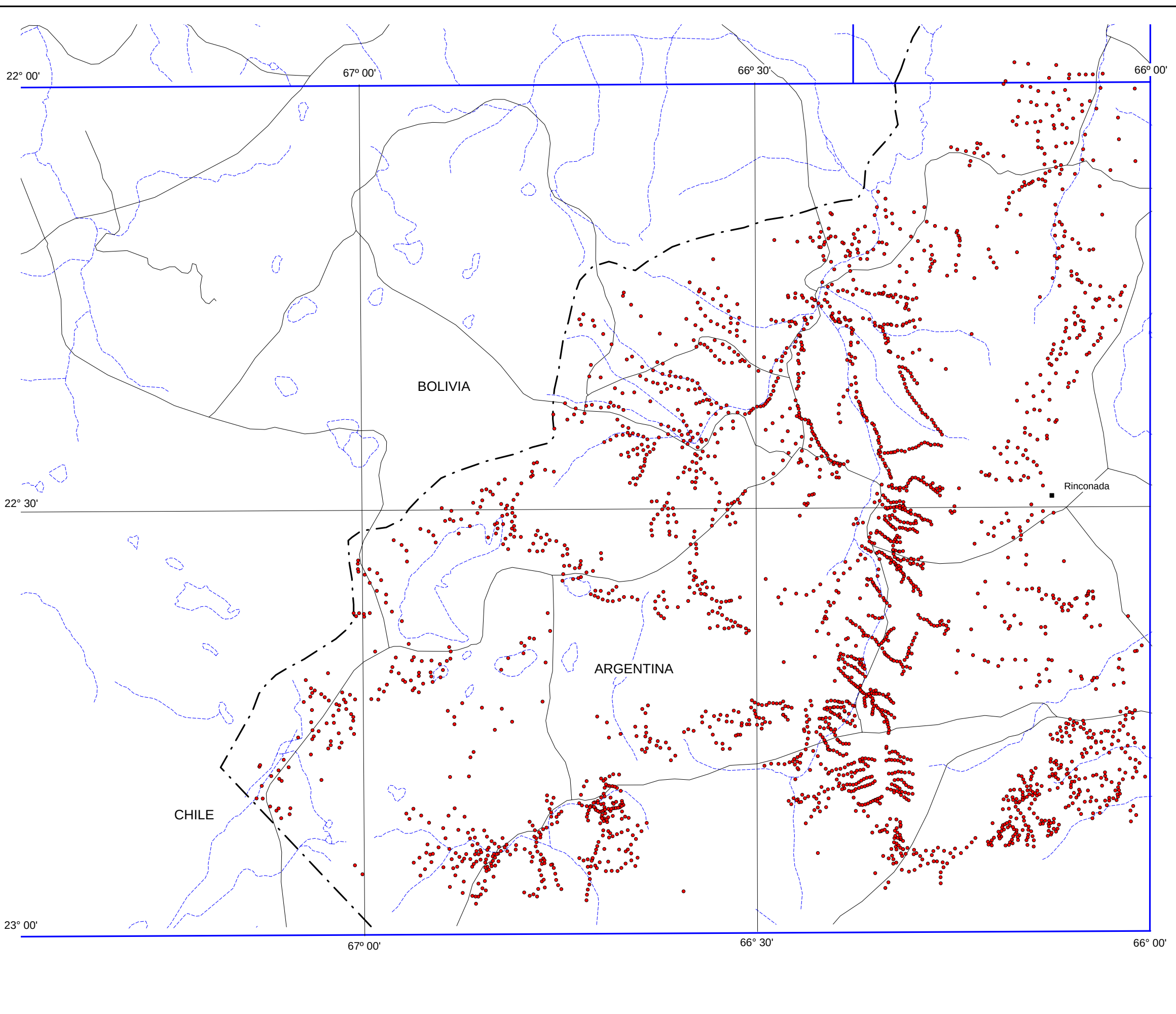
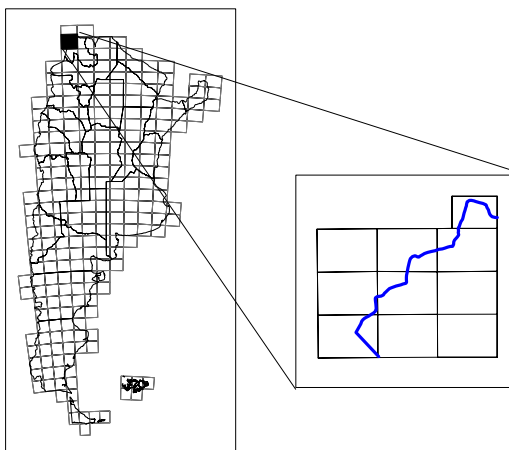


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Datos de Cu, Pb y Zn
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Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

Etiqueta del sitio de muestreo
Ubicación en el sector N 2
Plan NOA Geológico Minero

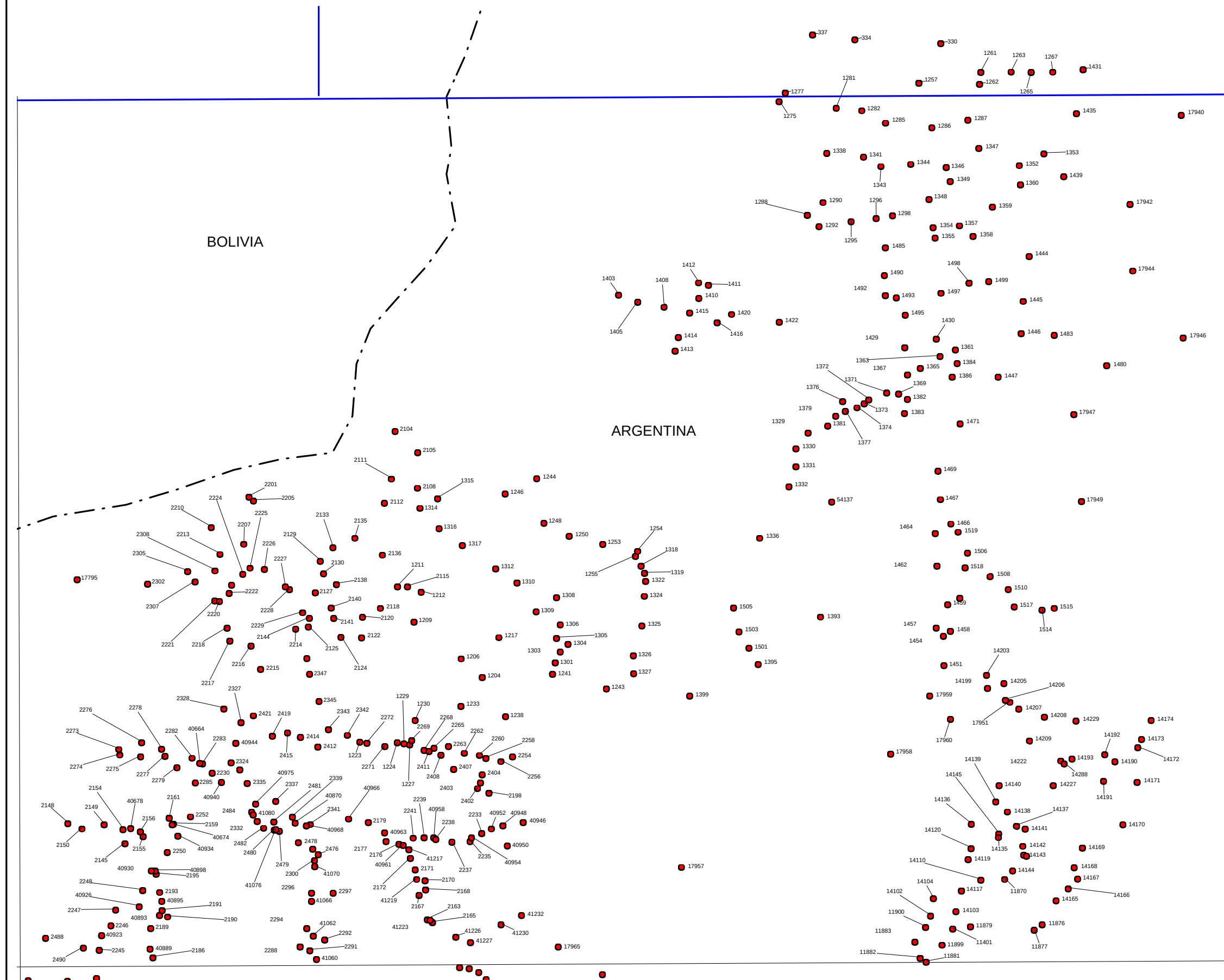
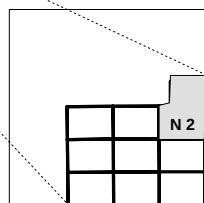
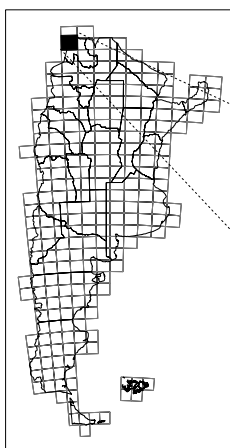


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GEOQUÍMICA N° 7
1999**

Datos de Cu, Pb y Zn
Sedimentos de corriente fluvial
Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

**Etiqueta del sitio de muestreo
Ubicación en el sector C 1
Plan NOA Geológico Minero**

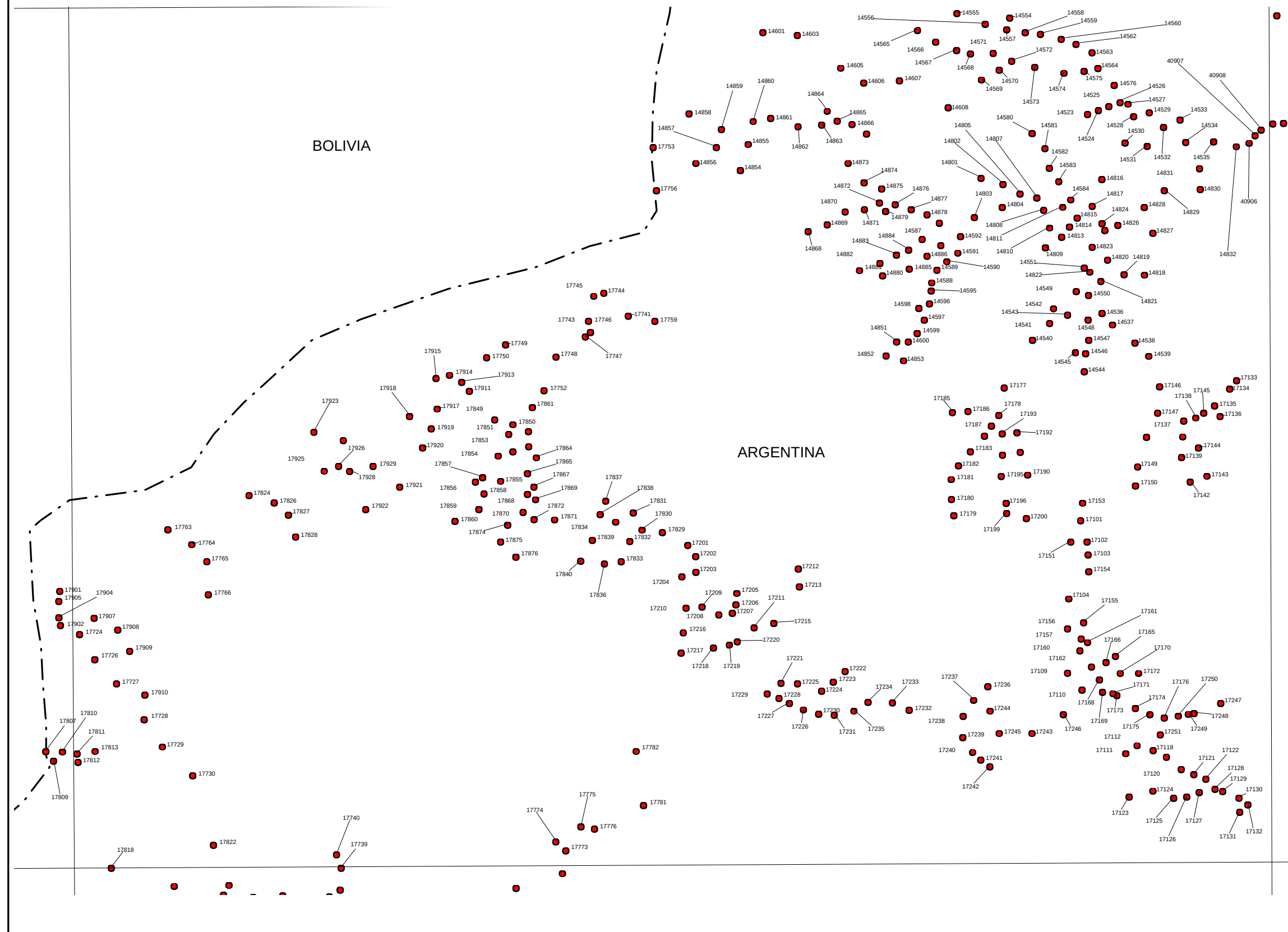
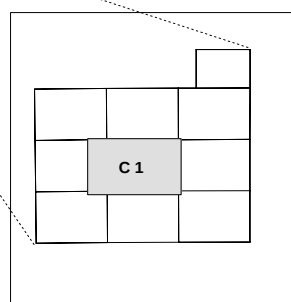
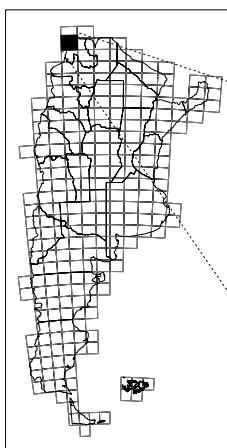


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Sedimentos de corriente fluvial
Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

Etiqueta del sitio de muestreo
Ubicación en el sector C 2
Plan NOA Geológico Minero

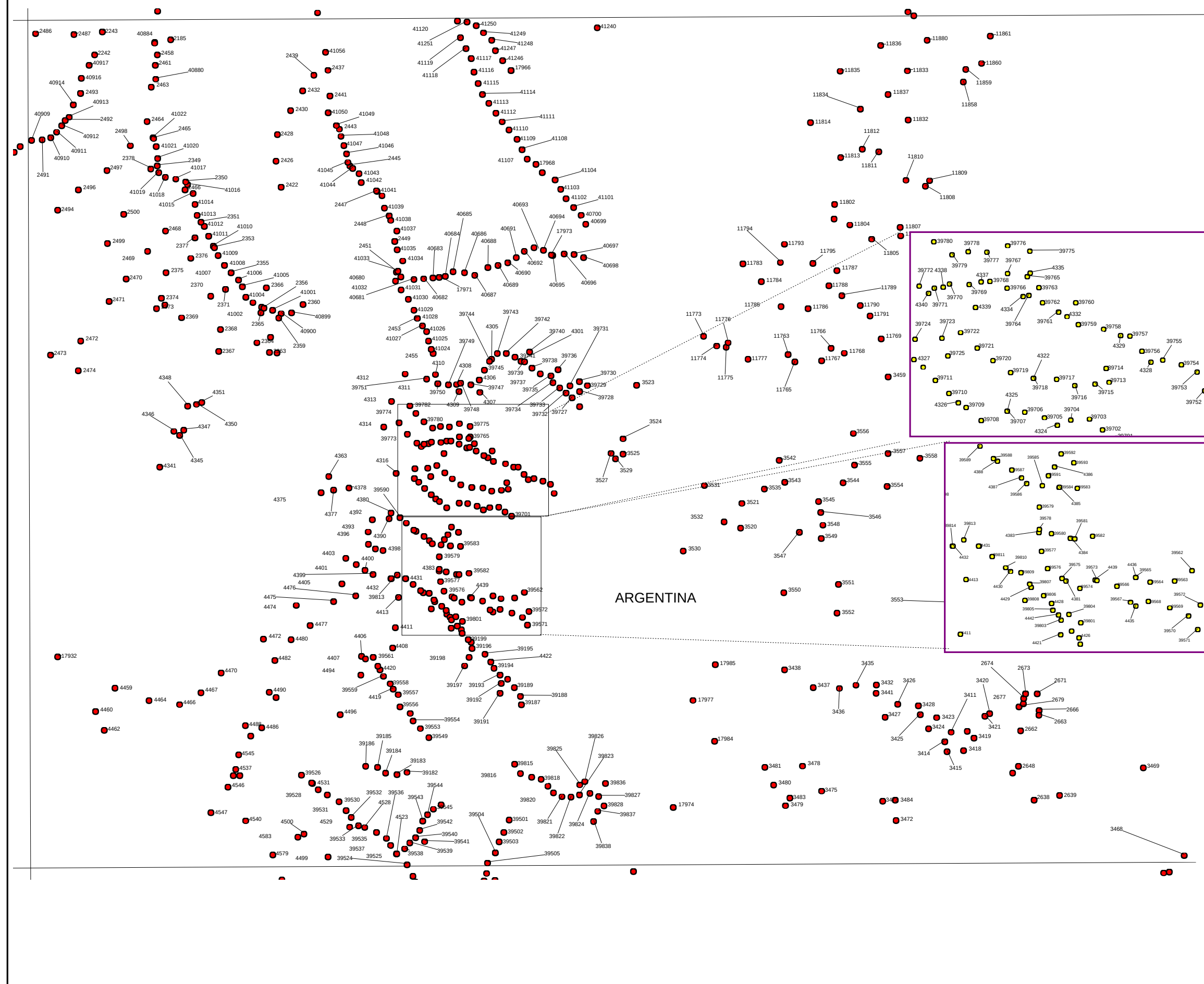
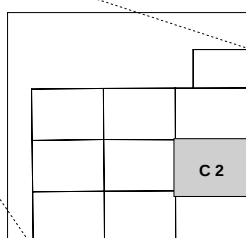
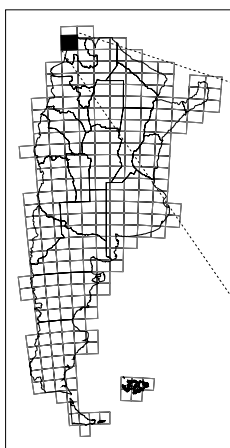


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GEOQUÍMICA N° 7
1999

Datos de Cu, Pb y Zn
Sedimentos de corriente fluvial
Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

Etiqueta del sitio de muestreo
Ubicación en el sector S 1
Plan NOA Geológico Minero

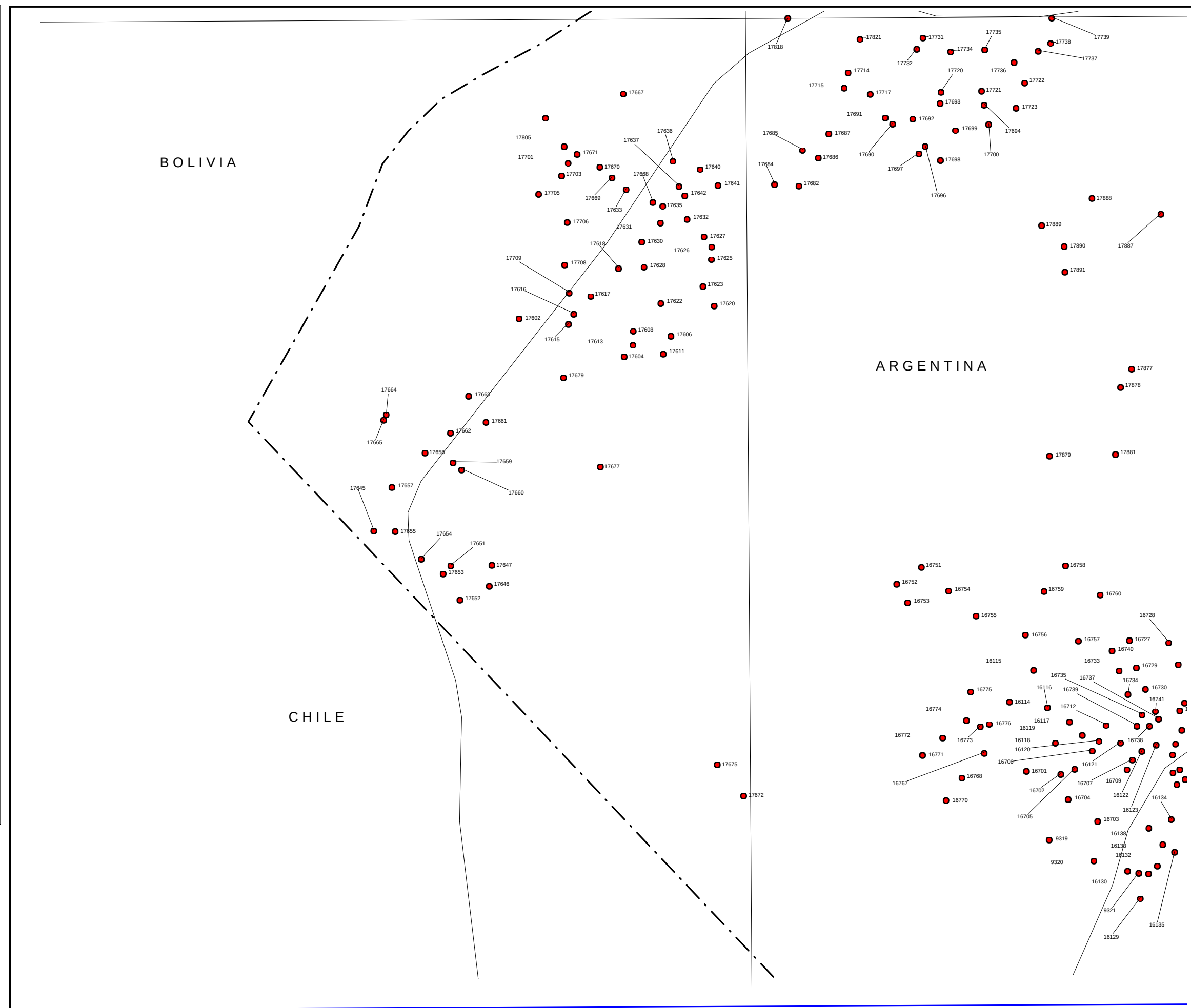
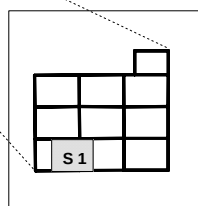
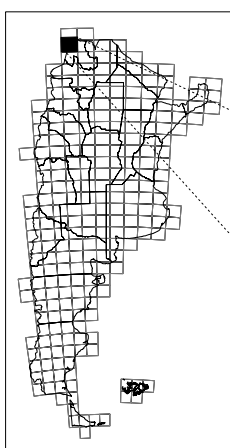


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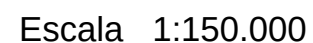
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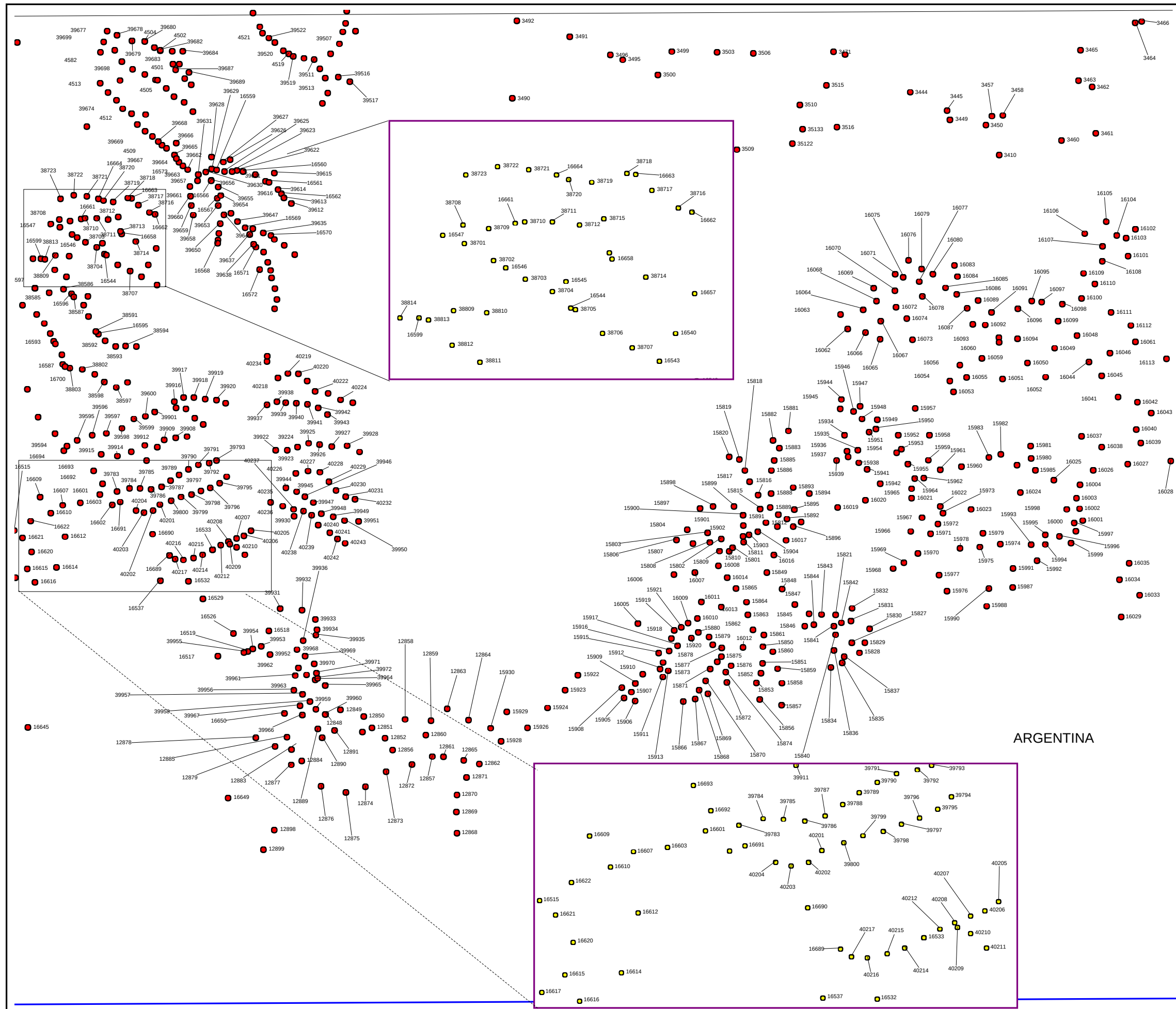
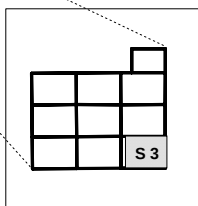
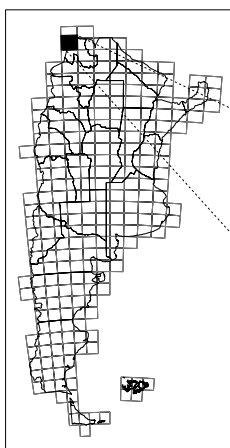
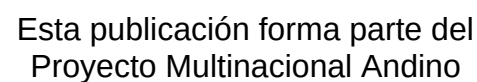


Jujuy
República Argentina

Etiqueta del sitio de muestreo
Ubicación en el sector S 3
Plan NOA Geológico Minero



Autores: Ferpozzi, L. y A. Turel



ARGENTINA

CONTRIBUCIÓN AL PROYECTO MULTINACIONAL ANDINO:

Agosto 1999



SERIE CONTRIBUCIONES TÉCNICAS
GEOQUÍMICA N° 7
1999

Datos de Cu, Pb y Zn
Sedimentos de corriente fluvial
Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

Muestras analizadas
Plano general de ubicación
Plan NOA Geológico Minero

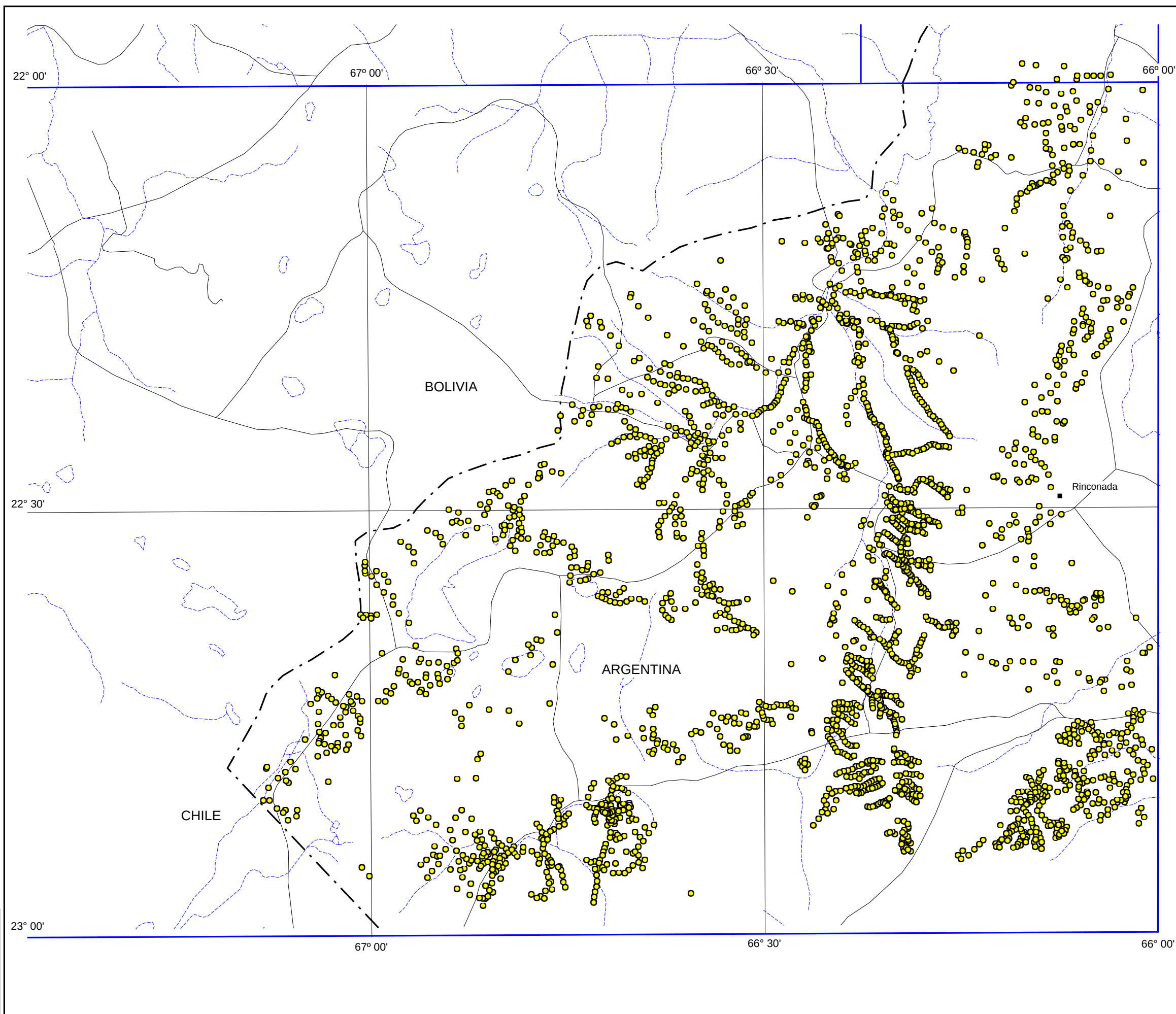
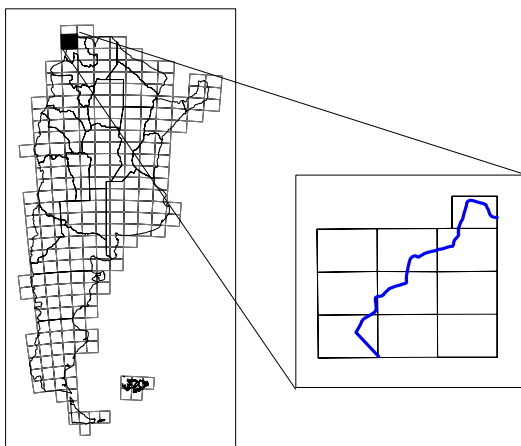


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GEOQUÍMICA N° 7
1999**

Datos de Cu, Pb y Zn
 Sedimentos de corriente fluvial
 Hoja 2366 - I "Mina Pirquitas"

Jujuy
 República Argentina

**Distribución Geográfica de Cu
Fracción < 80
Plan NOA Geológico Minero**

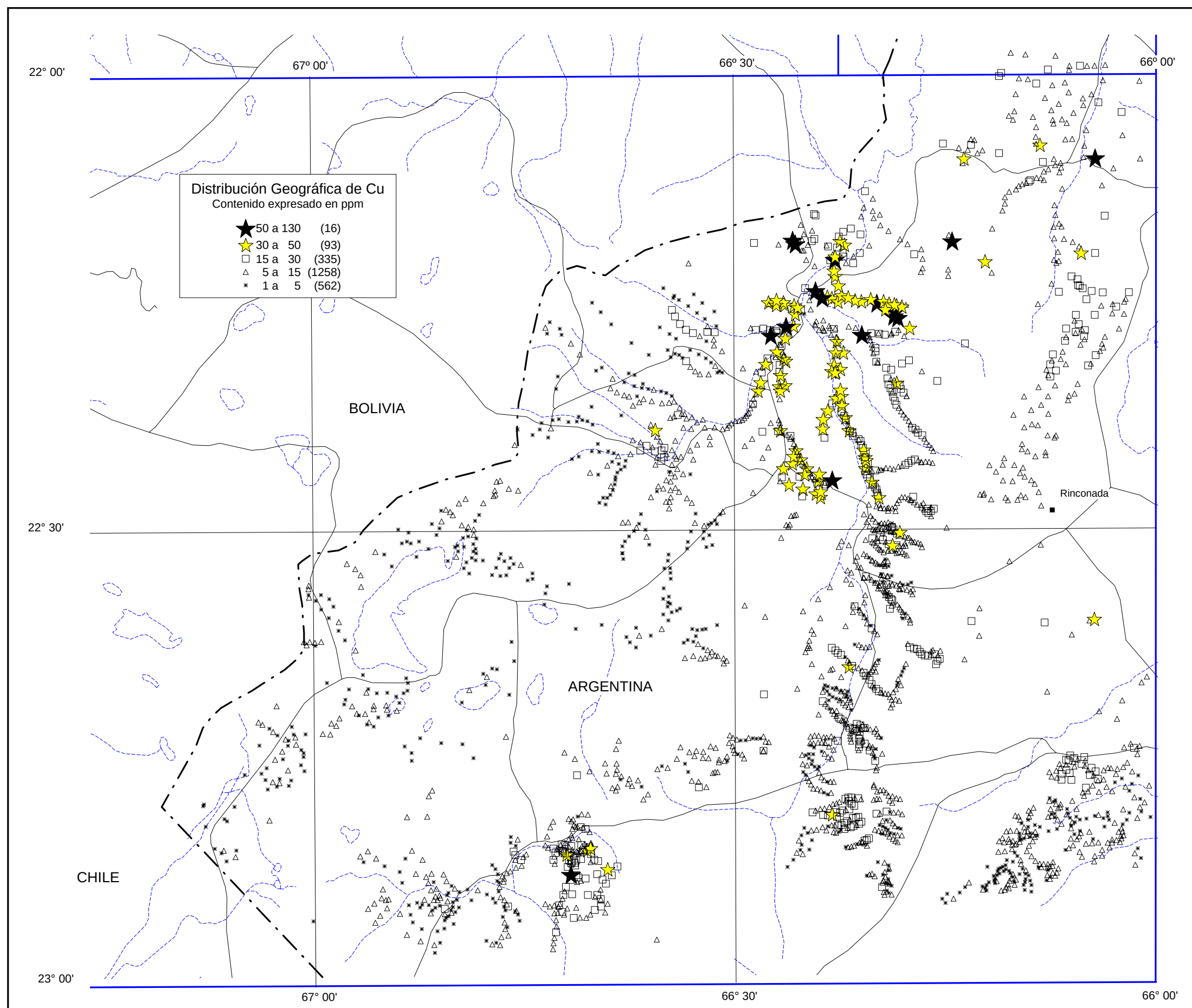
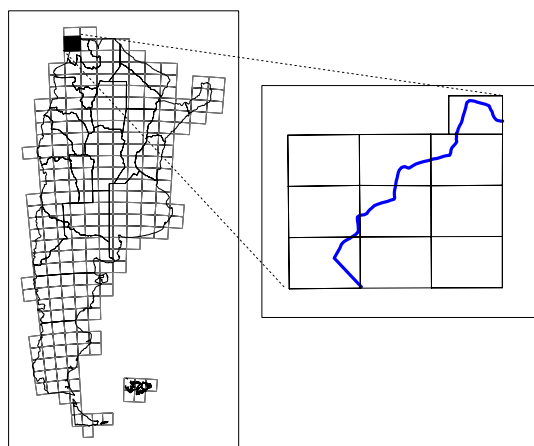


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Jujuy
República Argentina

**Distribución Geográfica de Pb
Fracción < 80
Plan NOA Geológico Minero**

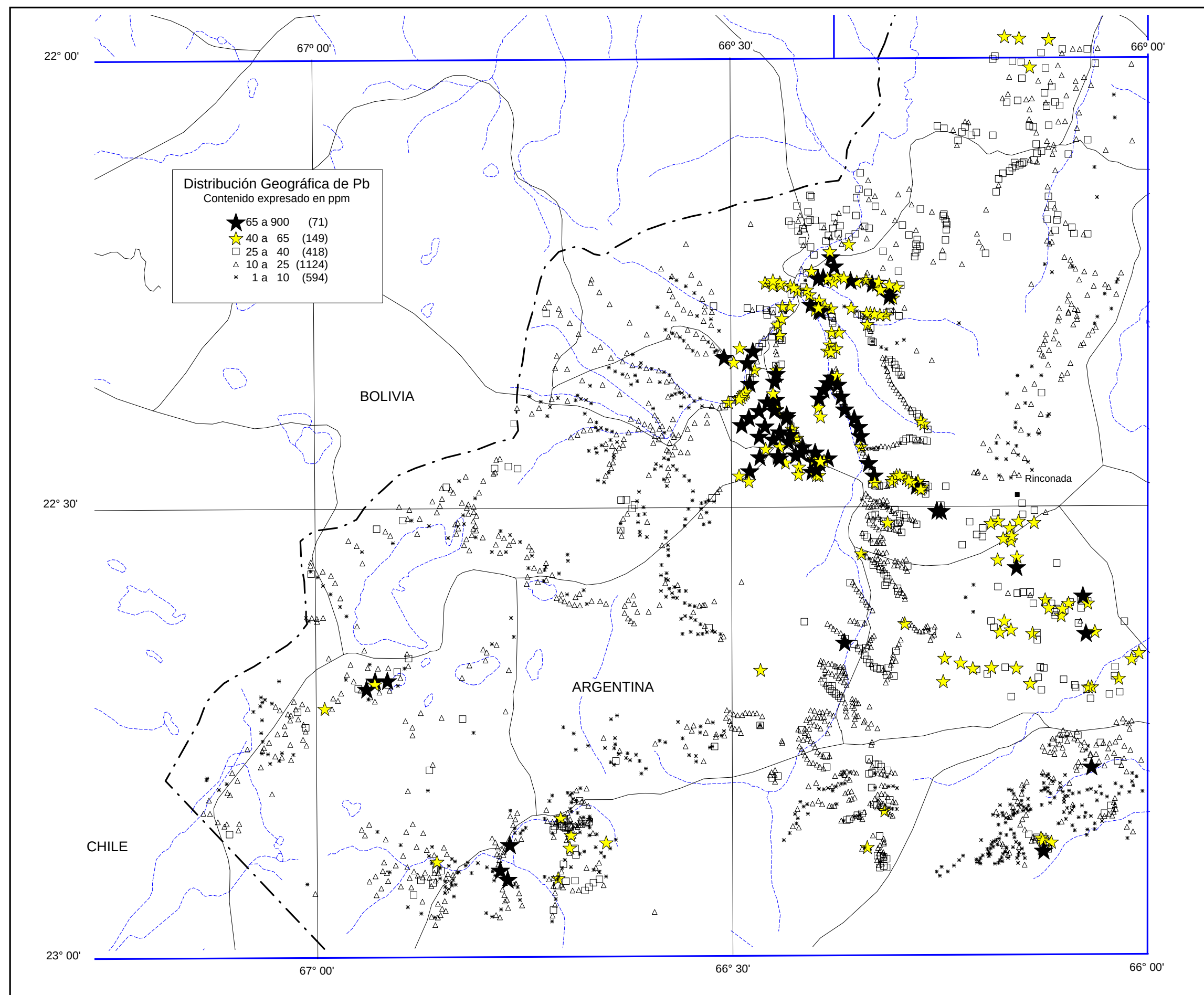
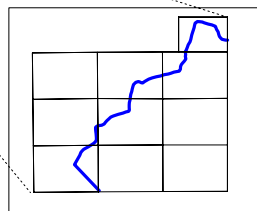
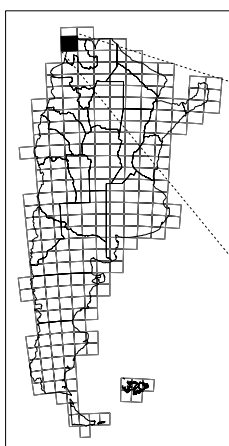


Escala 1: 500.000

Autores: Ferpozzi, L. y A. Turel



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Proyecto Multinacional Andino



**SERIE CONTRIBUCIONES TÉCNICAS
GEOQUÍMICA N° 7
1999**

Datos de Cu, Pb y Zn
 Sedimentos de corriente fluvial
 Hoja 2366 - I "Mina Pirquitas"

Jujuy
 República Argentina

**Distribución Geográfica de Zn
Fracción < 80
Plan NOA Geológico Minero**

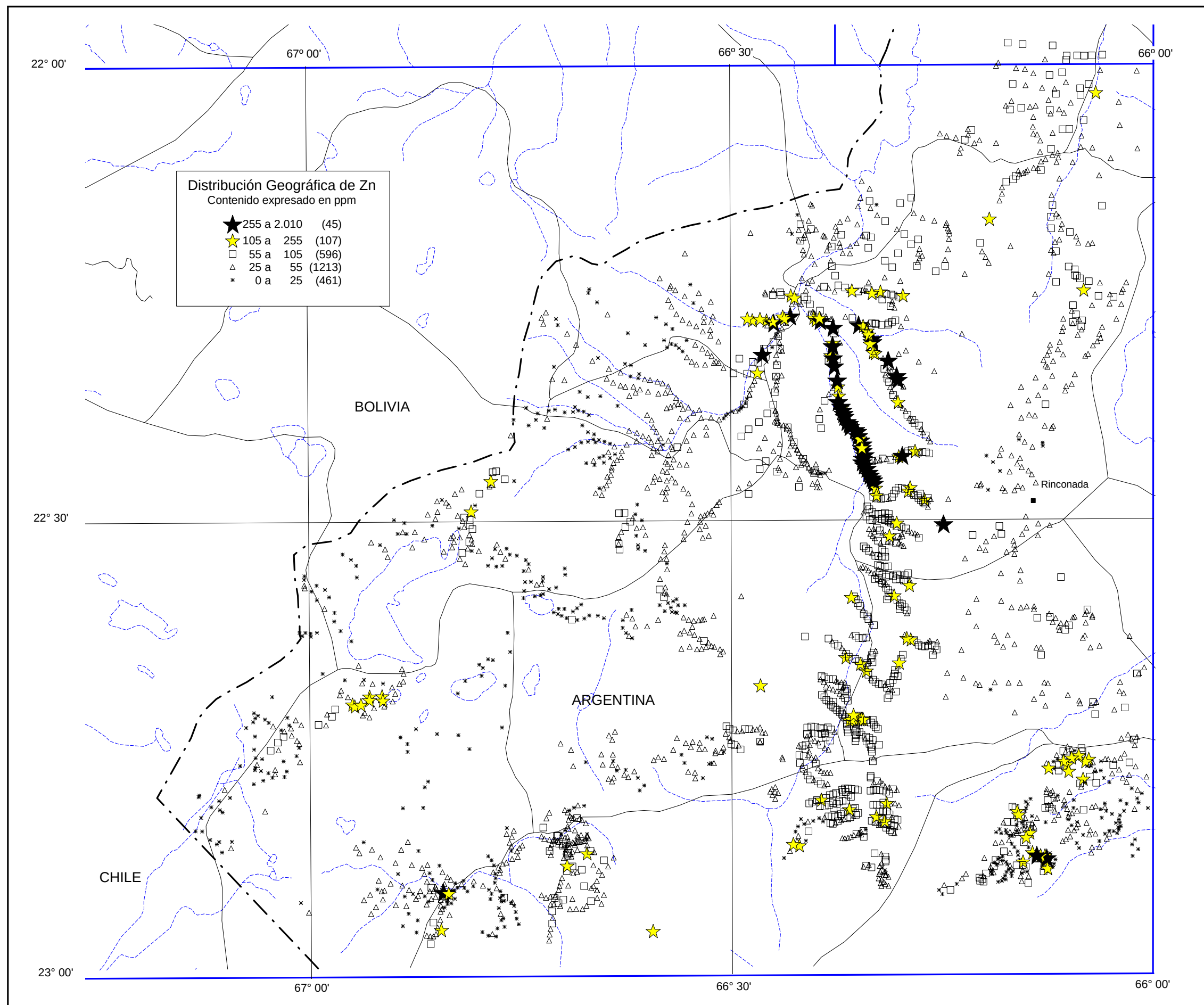
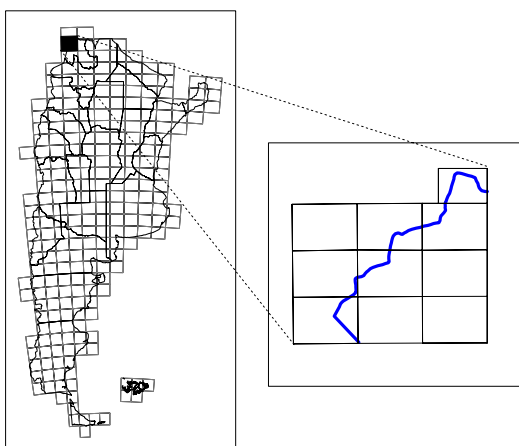


Escala 1: 500.000

Autores: Ferpozzi, L. y A. Turel



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**SERIE CONTRIBUCIONES TÉCNICAS
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Datos de Cu, Pb y Zn
Sedimentos de corriente fluvial
Hoja 2366 - I "Mina Pirquitas"

Jujuy
República Argentina

**Distribución Geográfica de Ni
Fracción < 80
Plan NOA Geológico Minero**

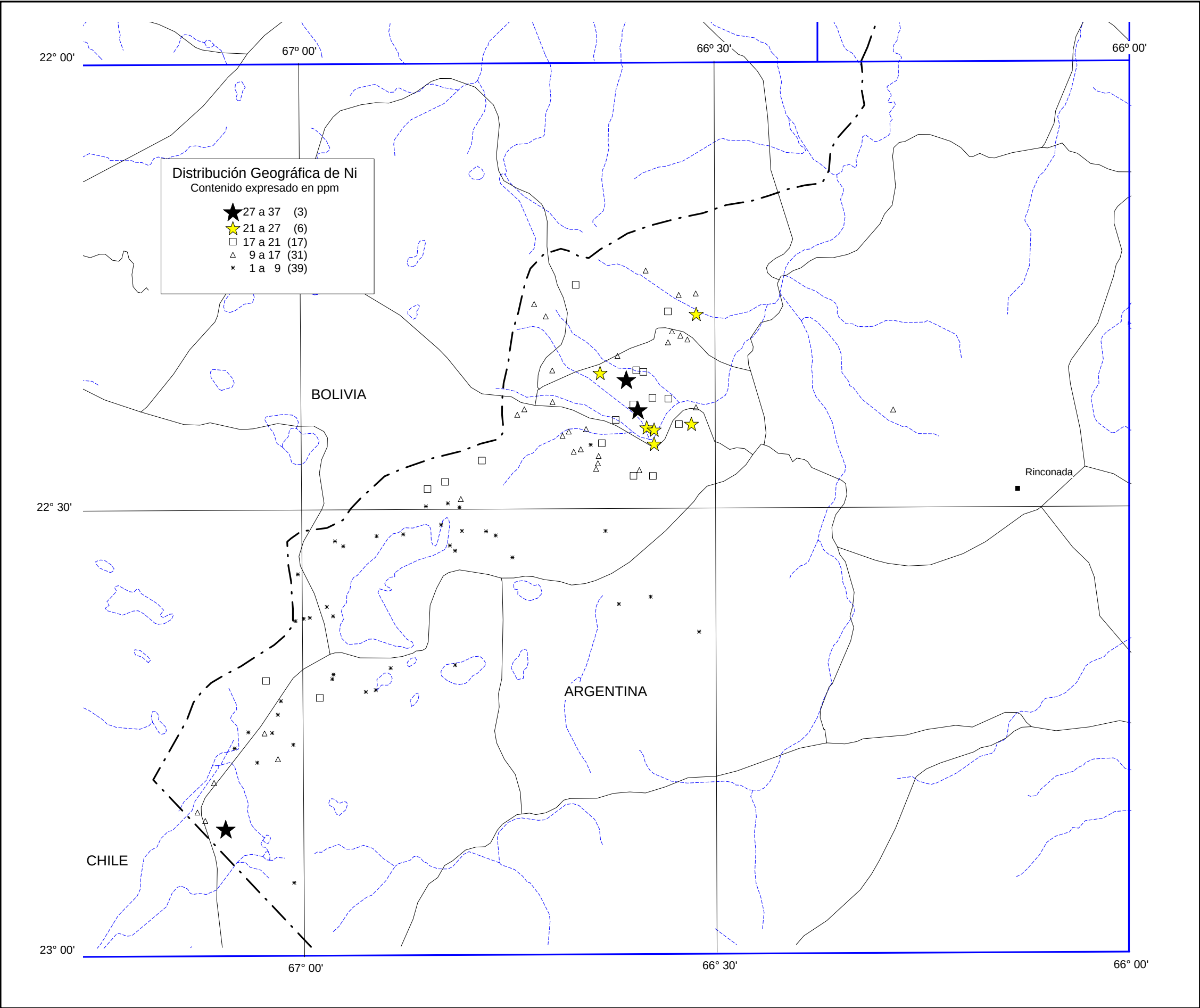
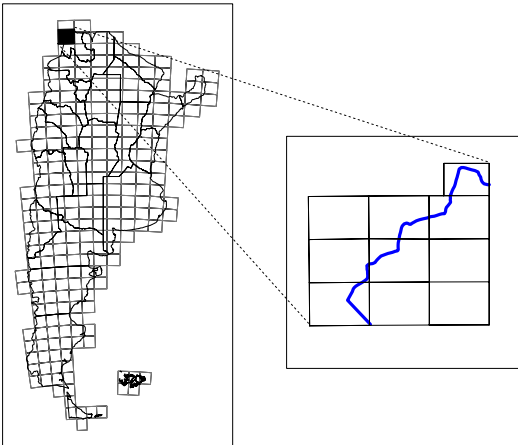


Escala 1: 500.000

Autores: Ferpozzi, L. y A. Turel



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SERIE CONTRIBUCIONES TÉCNICAS
GEOQUÍMICA N° 7
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Datos de Cu, Pb y Zn
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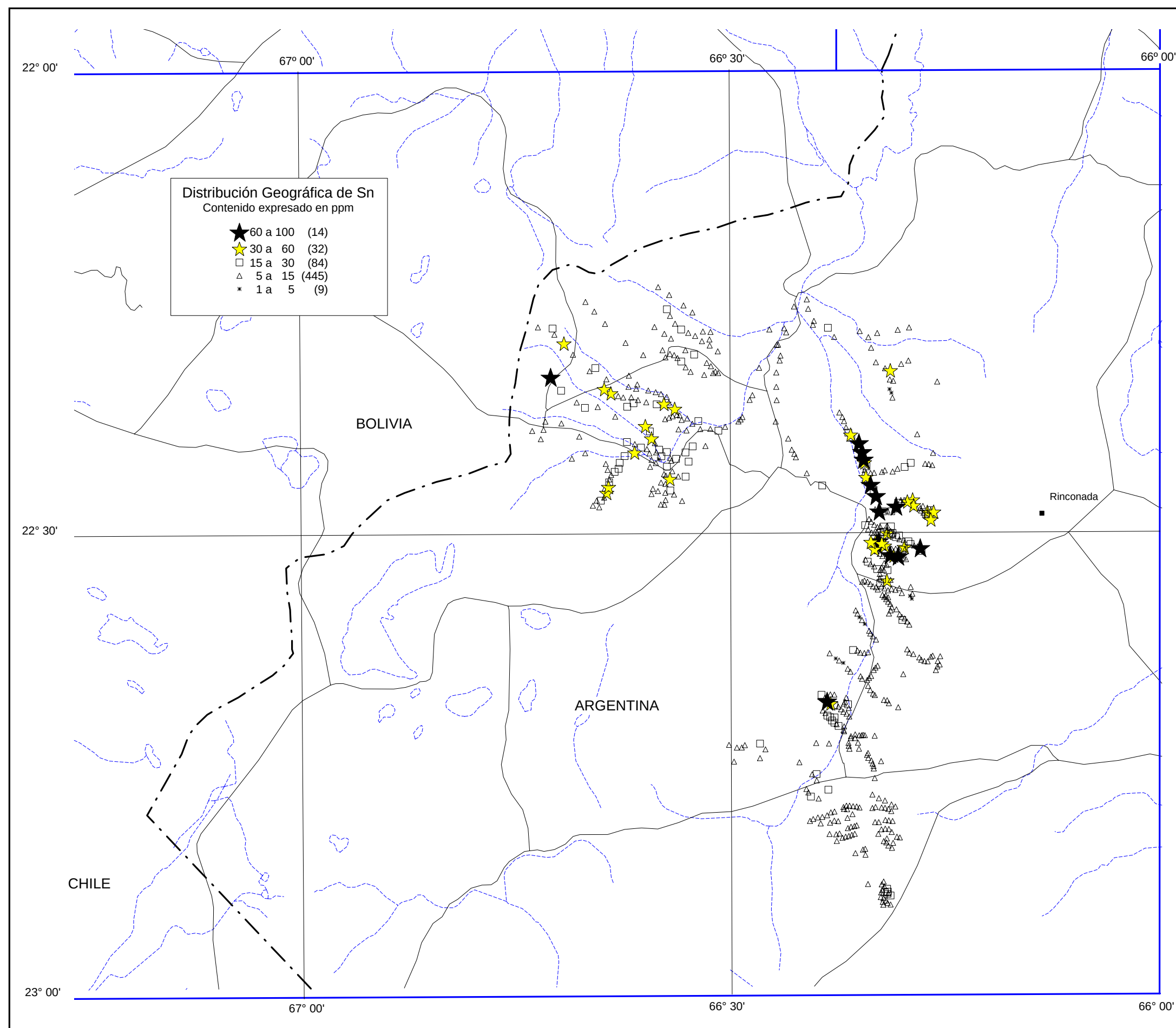
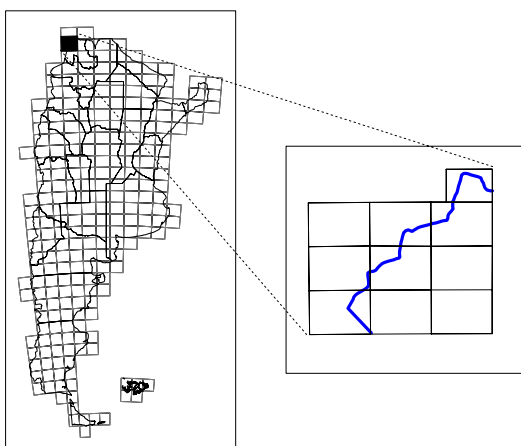
Distribución Geográfica de Sn
Fracción < 80
Plan NOA Geológico Minero



Escala 1: 500.000

Autores: Ferpozzi, L. y A. Turel

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MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
330	3.487.714	7.570.672	1-D4	10,0	40,0	70	msm	msm	1.298	3.485.660	7.563.341	4-A4	0,5	15,0	50	msm	msm
334	3.484.052	7.570.830	1-D4	10,0	60,0	60	msm	msm	1.301	3.471.289	7.544.298	4-A3	10,0	35,0	30	msm	msm
337	3.482.253	7.571.030	1-D4	10,0	45,0	80	msm	msm	1.303	3.471.501	7.544.753	4-A3	10,0	35,0	40	msm	msm
704	3.427.325	7.474.418	4-D2	10,0	25,0	80	msm	msm	1.304	3.471.829	7.545.082	4-A3	0,5	35,0	40	msm	msm
710	3.427.463	7.474.492	4-D2	20,0	50,0	70	msm	msm	1.305	3.471.342	7.545.336	4-A3	0,5	25,0	40	msm	msm
746	3.434.069	7.481.064	4-D2	7,0	4,0	40	msm	msm	1.306	3.471.501	7.545.908	4-A3	10,0	35,0	30	msm	msm
753	3.429.146	7.476.675	4-D2	8,0	16,0	41	msm	msm	1.308	3.471.343	7.547.073	4-A3	10,0	20,0	60	msm	msm
764	3.429.246	7.470.732	4-D2	20,0	25,0	60	msm	msm	1.309	3.470.475	7.546.469	4-A3	20,0	25,0	70	msm	msm
765	3.428.589	7.470.827	4-D2	50,0	45,0	130	msm	msm	1.310	3.469.660	7.547.697	4-A3	10,0	30,0	90	msm	msm
766	3.429.500	7.470.456	4-D2	20,0	msm	msm	msm	msm	1.312	3.468.750	7.548.290	4-A3	10,0	15,0	40	msm	msm
1.204	3.468.178	7.543.671	4-A3	<10	20,0	80	msm	msm	1.314	3.465.523	7.550.874	4-A3	10,0	20,0	30	msm	msm
1.206	3.467.278	7.544.465	4-A3	<10	25,0	90	msm	msm	1.315	3.466.274	7.551.287	4-A3	10,0	20,0	20	msm	msm
1.209	3.465.268	7.546.032	4-A3	<10	20,0	90	msm	msm	1.316	3.466.337	7.550.005	4-A3	10,0	30,0	30	msm	msm
1.211	3.464.569	7.547.536	4-A3	<10	20,0	40	msm	msm	1.317	3.467.332	7.549.285	4-A3	10,0	15,0	60	msm	msm
1.212	3.465.575	7.547.303	4-A3	<10	25,0	60	msm	msm	1.318	3.474.947	7.548.410	4-A4	0,5	30,0	50	msm	msm
1.217	3.468.887	7.545.366	4-A3	<10	20,0	80	msm	msm	1.319	3.475.095	7.548.102	4-A4	8,0	27,0	46	msm	msm
1.223	3.462.960	7.540.914	4-A3	<10	20,0	40	msm	msm	1.322	3.475.137	7.547.763	4-A4	0,5	25,0	50	msm	msm
1.224	3.464.558	7.540.883	4-A3	<10	15,0	40	msm	msm	1.324	3.475.084	7.547.128	4-A4	0,5	30,0	50	msm	msm
1.227	3.465.087	7.540.799	4-A3	<10	25,0	40	msm	msm	1.325	3.474.978	7.545.867	4-A4	0,5	35,0	50	msm	msm
1.229	3.464.843	7.540.841	4-A3	<10	20,0	30	msm	msm	1.326	3.474.618	7.544.596	4-A4	10,0	20,0	50	msm	msm
1.230	3.465.320	7.541.837	4-A3	<10	20,0	40	msm	msm	1.327	3.474.628	7.543.822	4-A4	10,0	25,0	70	msm	msm
1.233	3.467.267	7.542.431	4-A3	<10	15,0	50	msm	msm	1.329	3.482.061	7.554.084	4-A4	10,0	25,0	100	msm	msm
1.238	3.469.172	7.541.998	4-A3	<10	25,0	40	msm	msm	1.330	3.481.542	7.553.405	4-A4	10,0	30,0	50	msm	msm
1.241	3.471.173	7.543.810	4-A3	<10	30,0	70	msm	msm	1.331	3.481.542	7.552.643	4-A4	10,0	20,0	50	msm	msm
1.243	3.473.470	7.543.186	4-A3	<10	20,0	90	msm	msm	1.332	3.481.246	7.551.795	4-A4	10,0	30,0	50	msm	msm
1.244	3.470.497	7.552.136	4-A3	<10	20,0	60	msm	msm	1.336	3.479.996	7.549.602	4-A4	10,0	15,0	150	msm	msm
1.246	3.469.153	7.551.479	4-A3	<10	15,0	70	msm	msm	1.338	3.482.856	7.565.988	4-A4	10,0	15,0	70	msm	msm
1.248	3.470.804	7.550.240	4-A3	<10	15,0	40	msm	msm	1.341	3.484.422	7.565.830	4-A4	0,5	25,0	50	msm	msm
1.250	3.471.883	7.549.679	4-A3	<10	30,0	40	msm	msm	1.344	3.486.433	7.565.523	4-A4	10,0	20,0	50	msm	msm
1.253	3.473.312	7.549.341	4-A3	<10	20,0	30	msm	msm	1.346	3.487.946	7.565.386	4-A4	0,5	20,0	50	msm	msm
1.254	3.474.799	7.549.045	4-A3	<10	25,0	40	msm	msm	1.347	3.489.333	7.566.203	4-A4	10,0	20,0	50	msm	msm
1.255	3.474.703	7.548.823	4-A3	10,0	25,0	30	msm	msm	1.348	3.487.215	7.564.030	4-A4	10,0	25,0	40	msm	msm
1.257	3.486.782	7.568.988	4-A4	20,0	25,0	50	msm	msm	1.349	3.488.115	7.564.793	4-A4	10,0	35,0	70	msm	msm
1.261	3.489.418	7.569.444	4-A4	10,0	30,0	100	msm	msm	1.352	3.491.058	7.565.473	4-A4	10,0	20,0	100	msm	msm
1.262	3.489.365	7.568.936	4-A4	10,0	20,0	100	msm	msm	1.353	3.492.105	7.565.971	4-A4	10,0	20,0	100	msm	msm
1.263	3.490.709	7.569.456	4-A4	20,0	15,0	100	msm	msm	1.354	3.487.385	7.562.833	4-A4	10,0	20,0	100	msm	msm
1.265	3.491.566	7.569.435	4-A4	10,0	20,0	70	msm	msm	1.355	3.487.469	7.562.388	4-A4	10,0	25,0	50	msm	msm
1.267	3.492.487	7.569.456	4-A4	10,0	25,0	100	msm	msm	1.357	3.488.506	7.562.908	4-A4	10,0	30,0	50	msm	msm
1.275	3.480.824	7.568.190	4-A4	20,0	25,0	50	msm	msm	1.358	3.489.088	7.562.463	4-A4	10,0	30,0	50	msm	msm
1.277	3.481.089	7.568.572	4-A4	20,0	35,0	50	msm	msm	1.359	3.489.914	7.563.703	4-A4	10,0	20,0	50	msm	msm
1.281	3.483.258	7.567.916	4-A4	10,0	35,0	50	msm	msm	1.360	3.491.110	7.564.646	4-A4	10,0	20,0	100	msm	msm
1.282	3.484.348	7.567.811	4-A4	10,0	25,0	50	msm	msm	1.361	3.488.337	7.557.614	4-A4	10,0	20,0	50	msm	msm
1.284	3.485.364	7.567.281	4-A4	10,0	35,0	50	msm	msm	1.363	3.487.681	7.557.338	4-A4	10,0	15,0	50	msm	msm
1.286	3.487.332	7.567.081	4-A4	10,0	30,0	70	msm	msm	1.365	3.486.845	7.556.830	4-A4	10,0	35,0	50	msm	msm
1.287	3.488.867	7.567.410	4-A4	10,0	20,0	80	msm	msm	1.367	3.486.295	7.556.554	4-A4	10,0	30,0	50	msm	msm
1.288	3.482.030	7.563.350	4-A4	10,0	20,0	50	msm	msm	1.369	3.485.914	7.555.738	4-A4	10,0	25,0	50	msm	msm
1.290	3.482.696	7.563.901	4-A4	10,0	15,0	50	msm	msm	1.371	3.485.405	7.555.780	4-A4	10,0	20,0	50	msm	msm
1.292	3.482.527	7.562.873	4-A4	10,0	25,0	70	msm	msm	1.372	3.484.643	7.555.494	4-A4	10,0	30,0	50	msm	msm
1.295	3.483.892	7.563.086	4-A4	<10	25,0	100	msm	msm	1.373	3.484.453	7.555.324	4-A4	20,0	25,0	50	msm	msm
1.296	3.484.961	7.563.213	4-A4	10,0	20,0	50	msm	msm	1.374	3.484.146	7.555.155	4-A4	10,0	35,0	50	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
1.376	3.483.532	7.555.419	4-A4	<10	25,0	50	msm	msm	1.498	3.488.919	7.560.471	4-A4	10,0	20,0	100	msm	msm
1.377	3.483.649	7.554.995	4-A4	10,0	30,0	40	msm	msm	1.499	3.489.755	7.560.525	4-A4	10,0	20,0	100	msm	msm
1.379	3.483.236	7.554.794	4-A4	10,0	35,0	70	msm	msm	1.501	3.479.541	7.544.919	4-A4	0,5	10,0	50	msm	msm
1.381	3.482.897	7.554.370	4-A4	10,0	25,0	70	msm	msm	1.503	3.479.117	7.545.607	4-A4	30,0	15,0	50	msm	msm
1.382	3.486.294	7.555.516	4-A4	10,0	20,0	100	msm	msm	1.505	3.478.885	7.546.635	4-A4	0,5	15,0	100	msm	msm
1.384	3.488.411	7.557.042	4-A4	10,0	15,0	50	msm	msm	1.506	3.488.853	7.548.967	4-A4	0,5	30,0	50	msm	msm
1.386	3.488.200	7.556.459	4-A4	10,0	20,0	50	msm	msm	1.508	3.489.816	7.547.961	4-A4	10,0	20,0	100	msm	msm
1.393	3.482.589	7.546.245	4-A4	<10	30,0	50	msm	msm	1.510	3.490.589	7.547.421	4-A4	10,0	30,0	50	msm	msm
1.395	3.479.932	7.544.220	4-A4	10,0	25,0	50	msm	msm	1.514	3.492.028	7.546.532	4-A4	0,5	20,0	50	msm	msm
1.399	3.477.015	7.542.870	4-A4	<10	20,0	50	msm	msm	1.515	3.492.546	7.546.617	4-A4	20,0	30,0	50	msm	msm
1.403	3.473.986	7.559.956	4-A4	20,0	25,0	50	msm	msm	1.517	3.490.843	7.546.669	4-A4	30,0	30,0	50	msm	msm
1.405	3.474.800	7.559.649	4-A4	<10	30,0	50	msm	msm	1.518	3.488.747	7.548.331	4-A4	10,0	30,0	50	msm	msm
1.408	3.475.922	7.559.438	4-A4	10,0	20,0	50	msm	msm	1.519	3.488.451	7.549.857	4-A4	10,0	20,0	50	msm	msm
1.410	3.477.404	7.559.809	4-A4	20,0	30,0	40	msm	msm	2.104	3.464.465	7.554.146	4-A3	20,0	25,0	50	msm	msm
1.411	3.477.817	7.560.382	4-A4	10,0	15,0	70	msm	msm	2.105	3.465.428	7.553.236	4-A3	10,0	20,0	50	msm	msm
1.412	3.477.393	7.560.477	4-A4	10,0	20,0	50	msm	msm	2.108	3.465.417	7.551.732	4-A3	10,0	30,0	70	msm	msm
1.413	3.476.398	7.557.563	4-A4	10,0	15,0	50	msm	msm	2.111	3.464.306	7.552.123	4-A3	10,0	30,0	40	msm	msm
1.414	3.476.536	7.558.146	4-A4	40,0	30,0	50	msm	msm	2.112	3.464.009	7.551.085	4-A3	10,0	25,0	50	msm	msm
1.415	3.477.012	7.559.195	4-A4	10,0	30,0	100	msm	msm	2.115	3.464.993	7.547.526	4-A3	10,0	35,0	60	msm	msm
1.416	3.478.187	7.558.782	4-A4	10,0	35,0	50	msm	msm	2.118	3.463.839	7.546.614	4-A3	20,0	25,0	30	msm	msm
1.420	3.478.801	7.559.132	4-A4	10,0	30,0	40	msm	msm	2.120	3.463.077	7.546.232	4-A3	10,0	35,0	40	msm	msm
1.422	3.480.834	7.558.797	4-A4	20,0	30,0	50	msm	msm	2.122	3.463.034	7.545.364	4-A3	20,0	40,0	40	msm	msm
1.429	3.486.179	7.557.719	4-A4	20,0	25,0	50	msm	msm	2.124	3.462.156	7.545.384	4-A3	10,0	20,0	30	msm	msm
1.430	3.487.523	7.558.080	4-A4	10,0	20,0	70	msm	msm	2.125	3.460.770	7.545.818	4-A3	70,0	msm	msm	msm	msm
1.431	3.493.778	7.569.552	4-A4	10,0	15,0	100	msm	msm	2.127	3.461.066	7.547.280	4-A3	20,0	30,0	40	msm	msm
1.435	3.493.492	7.567.688	4-A4	10,0	35,0	30	msm	msm	2.129	3.461.278	7.548.615	4-A3	20,0	25,0	40	msm	msm
1.439	3.492.952	7.564.997	4-A4	20,0	20,0	130	msm	msm	2.130	3.461.416	7.548.085	4-A3	30,0	20,0	50	msm	msm
1.444	3.491.480	7.561.595	4-A4	10,0	15,0	100	msm	msm	2.133	3.461.818	7.549.198	4-A3	20,0	20,0	50	msm	msm
1.445	3.491.226	7.559.689	4-A4	10,0	20,0	50	msm	msm	2.135	3.462.749	7.549.601	4-A3	20,0	30,0	50	msm	msm
1.446	3.491.141	7.558.322	4-A4	10,0	20,0	50	msm	msm	2.136	3.463.924	7.548.881	4-A3	20,0	25,0	40	msm	msm
1.447	3.490.156	7.556.468	4-A4	<10	25,0	50	msm	msm	2.138	3.461.966	7.547.630	4-A3	30,0	35,0	60	msm	msm
1.454	3.487.826	7.545.418	4-A4	10,0	15,0	50	msm	msm	2.140	3.461.743	7.546.624	4-A3	20,0	35,0	50	msm	msm
1.457	3.487.519	7.545.778	4-A4	10,0	15,0	50	msm	msm	2.141	3.461.849	7.546.179	4-A3	20,0	20,0	40	msm	msm
1.458	3.488.122	7.545.640	4-A4	10,0	20,0	100	msm	msm	2.144	3.460.812	7.546.189	4-A3	40,0	20,0	90	msm	msm
1.459	3.488.006	7.546.763	4-A4	10,0	20,0	50	msm	msm	2.145	3.452.957	7.536.587	4-B3	50,0	25,0	50	msm	msm
1.461	3.488.525	7.547.039	4-A4	<10	25,0	50	msm	msm	2.148	3.450.523	7.537.444	4-B3	10,0	30,0	190	msm	msm
1.462	3.487.551	7.548.415	4-A4	10,0	30,0	100	msm	msm	2.150	3.452.068	7.537.392	4-B3	20,0	20,0	200	msm	msm
1.464	3.487.478	7.549.803	4-A4	10,0	20,0	100	msm	msm	2.151	3.451.127	7.537.222	4-B3	40,0	20,0	140	msm	msm
1.466	3.488.144	7.550.206	4-A4	10,0	25,0	50	msm	msm	2.154	3.452.873	7.537.191	4-B3	20,0	30,0	150	msm	msm
1.467	3.487.700	7.551.244	4-A4	10,0	30,0	100	msm	msm	2.155	3.453.730	7.536.895	4-B3	20,0	20,0	350	msm	msm
1.469	3.487.594	7.552.452	4-A4	10,0	20,0	50	msm	msm	2.156	3.453.614	7.537.085	4-B3	20,0	30,0	200	msm	msm
1.471	3.488.537	7.554.465	4-A4	10,0	20,0	50	msm	msm	2.159	3.455.021	7.537.425	4-B3	20,0	30,0	150	msm	msm
1.480	3.494.781	7.556.957	4-A4	10,0	15,0	50	msm	msm	2.161	3.454.841	7.537.679	4-B3	50,0	40,0	190	msm	msm
1.483	3.492.548	7.558.238	4-A4	50,0	35,0	40	msm	msm	2.163	3.465.837	7.533.352	4-B3	20,0	30,0	180	msm	msm
1.485	3.485.352	7.561.974	4-A4	10,0	20,0	50	msm	msm	2.165	3.466.059	7.533.224	4-B3	10,0	25,0	190	msm	msm
1.490	3.485.310	7.560.788	4-A4	10,0	20,0	40	msm	msm	2.167	3.465.488	7.534.379	4-B3	10,0	30,0	250	msm	msm
1.492	3.485.352	7.559.940	4-A4	10,0	25,0	30	msm	msm	2.168	3.465.763	7.534.623	4-B3	20,0	20,0	500	msm	msm
1.493	3.485.818	7.559.834	4-A4	30,0	35,0	30	msm	msm	2.170	3.465.742	7.535.004	4-B3	20,0	35,0	350	msm	msm
1.495	3.486.199	7.559.104	4-A4	<10	20,0	50	msm	msm	2.171	3.465.319	7.535.470	4-B3	10,0	40,0	200	msm	msm
1.497	3.487.723	7.560.036	4-A4	<10	30,0	50	msm	msm	2.172	3.465.118	7.535.957	4-B3	10,0	25,0	190	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
2.176	3.464.631	7.536.561	4-B3	10,0	30,0	180	msm	msm	2.260	3.468.061	7.540.344	4-B3	40,0	40,0	80	msm	msm
2.177	3.464.081	7.536.688	4-B3	130,0	35,0	300	msm	msm	2.262	3.467.415	7.540.440	4-B3	40,0	30,0	80	msm	msm
2.179	3.463.329	7.537.493	4-B3	10,0	40,0	60	msm	msm	2.263	3.466.738	7.540.736	4-B3	30,0	40,0	180	msm	msm
2.183	3.454.020	7.530.348	4-B3	40,0	30,0	70	msm	msm	2.265	3.466.124	7.540.651	4-B3	10,0	35,0	50	msm	msm
2.185	3.454.718	7.530.497	4-B3	30,0	30,0	50	msm	msm	2.268	3.465.701	7.540.555	4-B3	msm	25,0	180	msm	msm
2.186	3.454.147	7.531.736	4-B3	40,0	20,0	80	msm	msm	2.269	3.465.172	7.540.979	4-B3	40,0	50,0	80	msm	msm
2.189	3.454.052	7.532.975	4-B3	17,0	11,0	30	msm	msm	2.271	3.464.029	7.540.724	4-B3	30,0	50,0	90	msm	msm
2.190	3.454.772	7.533.474	4-B3	30,0	25,0	50	msm	msm	2.272	3.463.267	7.540.872	4-B3	30,0	65,0	250	msm	msm
2.191	3.454.539	7.533.738	4-B3	30,0	30,0	60	msm	msm	2.273	3.452.693	7.540.602	4-B3	30,0	50,0	50	msm	msm
2.193	3.454.433	7.534.512	4-B3	12,0	24,0	53	msm	msm	2.274	3.452.736	7.540.369	4-B3	10,0	21,0	44	msm	msm
2.195	3.454.285	7.535.295	4-B3	20,0	30,0	60	msm	msm	2.275	3.453.625	7.540.295	4-B3	40,0	45,0	60	msm	msm
2.198	3.468.463	7.538.745	4-B3	50,0	40,0	50	msm	msm	2.276	3.453.667	7.540.889	4-B3	30,0	50,0	50	msm	msm
2.201	3.458.241	7.551.357	4-A3	20,0	25,0	30	msm	msm	2.277	3.454.662	7.540.307	4-B3	30,0	40,0	60	msm	msm
2.205	3.458.432	7.551.188	4-A3	20,0	25,0	50	msm	msm	2.278	3.454.514	7.540.614	4-B3	30,0	50,0	60	msm	msm
2.207	3.458.019	7.549.345	4-A3	10,0	35,0	40	msm	msm	2.282	3.455.816	7.540.233	4-B3	40,0	50,0	250	msm	msm
2.210	3.456.632	7.550.054	4-A3	10,0	35,0	4	msm	msm	2.283	3.456.260	7.539.989	4-B3	40,0	45,0	140	msm	msm
2.213	3.457.003	7.548.910	4-A3	10,0	20,0	70	msm	msm	2.285	3.455.953	7.539.174	4-B3	30,0	30,0	50	msm	msm
2.214	3.460.230	7.545.723	4-A3	20,0	25,0	40	msm	msm	2.288	3.460.418	7.532.194	4-B3	40,0	60,0	80	msm	msm
2.215	3.458.737	7.544.016	4-A3	<10	25,0	40	msm	msm	2.290	3.460.831	7.532.036	4-B3	20,0	50,0	60	msm	msm
2.216	3.458.325	7.545.001	4-A3	10,0	25,0	50	msm	msm	2.292	3.461.466	7.532.481	4-B3	30,0	55,0	90	msm	msm
2.217	3.457.425	7.545.223	4-A3	<10	20,0	40	msm	msm	2.294	3.460.704	7.532.968	4-B3	30,0	60,0	140	msm	msm
2.218	3.457.309	7.545.764	4-A3	10,0	30,0	40	msm	msm	2.296	3.460.905	7.534.483	4-B3	30,0	60,0	250	msm	msm
2.220	3.456.981	7.546.908	4-A3	10,0	20,0	60	msm	msm	2.297	3.461.826	7.534.483	4-B3	30,0	60,0	40	msm	msm
2.221	3.456.780	7.546.929	4-A3	10,0	25,0	50	msm	msm	2.300	3.461.033	7.535.871	4-B3	30,0	30,0	50	msm	msm
2.222	3.457.394	7.547.247	4-A3	<10	30,0	40	msm	msm	2.302	3.453.923	7.547.637	4-A3	10,0	msm	msm	msm	msm
2.223	3.457.500	7.547.596	4-A3	10,0	15,0	50	msm	msm	2.305	3.455.627	7.548.178	4-A3	50,0	30,0	40	msm	msm
2.224	3.457.976	7.548.063	4-A3	20,0	35,0	50	msm	msm	2.307	3.455.944	7.547.733	4-A3	70,0	30,0	20	msm	msm
2.225	3.458.283	7.548.328	4-A3	20,0	25,0	60	msm	msm	2.308	3.456.791	7.548.210	4-A3	10,0	20,0	40	msm	msm
2.226	3.458.897	7.548.275	4-A3	<10	25,0	50	msm	msm	2.324	3.457.477	7.540.032	4-A3	0,5	30,0	60	msm	msm
2.227	3.459.786	7.547.534	4-A3	10,0	30,0	40	msm	msm	2.327	3.457.901	7.541.738	4-A3	10,0	35,0	50	msm	msm
2.228	3.459.966	7.547.407	4-A3	20,0	20,0	40	msm	msm	2.328	3.457.171	7.542.331	4-A3	20,0	15,0	50	msm	msm
2.229	3.460.526	7.546.432	4-A3	10,0	25,0	30	msm	msm	2.332	3.458.588	7.537.543	4-B3	0,5	30,0	142	msm	msm
2.230	3.456.673	7.539.587	4-B3	20,0	40,0	80	msm	msm	2.335	3.458.165	7.539.153	4-B3	0,5	55,0	60	msm	msm
2.233	3.468.156	7.537.018	4-B3	20,0	35,0	60	msm	msm	2.337	3.459.382	7.538.391	4-B3	10,0	60,0	60	msm	msm
2.235	3.467.658	7.536.679	4-B3	10,0	40,0	70	msm	msm	2.339	3.460.091	7.537.724	4-B3	10,0	50,0	50	msm	msm
2.237	3.466.885	7.536.647	4-B3	20,0	40,0	70	msm	msm	2.341	3.460.853	7.537.407	4-B3	10,0	50,0	40	msm	msm
2.238	3.466.197	7.536.763	4-B3	20,0	45,0	60	msm	msm	2.342	3.462.430	7.541.200	4-B3	40,0	60,0	70	msm	msm
2.239	3.465.700	7.536.847	4-B3	<10	45,0	60	msm	msm	2.343	3.461.626	7.541.454	4-B3	30,0	60,0	70	msm	msm
2.241	3.465.234	7.536.826	4-B3	20,0	45,0	50	msm	msm	2.345	3.461.224	7.542.651	4-B3	30,0	70,0	60	msm	msm
2.242	3.451.406	7.529.838	4-B3	30,0	40,0	50	msm	msm	2.347	3.460.822	7.543.805	4-B3	30,0	65,0	60	msm	msm
2.243	3.451.745	7.530.845	4-B3	30,0	20,0	250	msm	msm	2.348	3.460.706	7.544.473	4-B3	30,0	60,0	50	msm	msm
2.245	3.451.861	7.532.042	4-B3	20,0	25,0	70	msm	msm	2.349	3.454.135	7.524.998	4-B3	40,0	55,0	40	msm	msm
2.246	3.452.359	7.533.091	4-B3	40,0	30,0	300	msm	msm	2.350	3.455.374	7.524.310	4-B3	20,0	65,0	30	msm	msm
2.247	3.452.560	7.533.759	4-B3	16,0	19,0	61	msm	msm	2.351	3.456.040	7.522.552	4-B3	30,0	55,0	50	msm	msm
2.248	3.453.714	7.534.585	4-B3	40,0	35,0	60	msm	msm	2.353	3.456.627	7.521.440	4-B3	30,0	60,0	40	msm	msm
2.250	3.454.757	7.536.207	4-B3	30,0	40,0	50	msm	msm	2.355	3.457.352	7.520.349	4-B3	30,0	65,0	70	msm	msm
2.252	3.455.752	7.537.733	4-B3	40,0	40,0	300	msm	msm	2.356	3.458.780	7.518.814	4-B3	30,0	50,0	60	msm	msm
2.254	3.469.468	7.540.282	4-B3	10,0	35,0	140	msm	msm	2.357	3.459.066	7.517.543	4-B3	40,0	70,0	40	msm	msm
2.256	3.468.971	7.540.091	4-B3	40,0	40,0	80	msm	msm	2.359	3.459.426	7.518.380	4-B3	20,0	65,0	50	msm	msm
2.258	3.468.336	7.540.228	4-B3	40,0	35,0	60	msm	msm	2.360	3.460.484	7.518.963	4-B3	50,0	65,0	40	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
2.363	3.459.023	7.516.876	4-B3	40,0	60,0	40	msm	msm	2.468	3.454.495	7.522.170	4-B3	0,5	75,0	50	msm	msm
2.364	3.458.473	7.517.299	4-B3	30,0	65,0	50	msm	msm	2.469	3.453.711	7.521.280	4-B3	msm	65,0	50	msm	msm
2.365	3.458.653	7.518.602	4-B3	20,0	70,0	60	msm	msm	2.470	3.452.780	7.520.072	4-B3	0,5	60,0	60	msm	msm
2.366	3.458.886	7.519.693	4-B3	30,0	70,0	50	msm	msm	2.471	3.452.039	7.519.097	4-B3	msm	65,0	60	msm	msm
2.367	3.456.812	7.516.927	4-B3	20,0	60,0	70	msm	msm	2.472	3.450.800	7.517.370	4-B3	10,0	65,0	50	msm	msm
2.368	3.456.886	7.517.881	4-B3	30,0	50,0	40	msm	msm	2.473	3.449.488	7.516.765	4-B3	msm	60,0	50	msm	msm
2.369	3.455.193	7.518.389	4-B3	30,0	60,0	50	msm	msm	2.474	3.450.694	7.516.077	4-B3	0,5	60,0	60	msm	msm
2.370	3.456.463	7.519.321	4-B3	20,0	70,0	50	msm	msm	2.476	3.461.191	7.536.114	4-B3	13,0	12,0	74	msm	msm
2.371	3.457.108	7.519.629	4-B3	30,0	75,0	50	msm	msm	2.478	3.460.345	7.536.633	4-B3	13,0	12,0	74	msm	msm
2.372	3.454.462	7.518.950	4-B3	msm	65,0	40	msm	msm	2.479	3.459.530	7.537.109	4-B3	10,0	65,0	120	msm	msm
2.373	3.454.103	7.518.791	4-B3	5,0	35,0	70	msm	msm	2.480	3.459.318	7.537.173	4-B3	0,5	70,0	110	msm	msm
2.374	3.454.314	7.519.246	4-B3	20,0	65,0	40	msm	msm	2.481	3.459.297	7.537.512	4-B3	5,0	40,0	140	msm	msm
2.375	3.454.516	7.520.359	4-B3	30,0	55,0	40	msm	msm	2.482	3.458.863	7.537.247	4-B3	10,0	50,0	110	msm	msm
2.376	3.455.595	7.520.974	4-B3	30,0	65,0	50	msm	msm	2.484	3.458.355	7.537.935	4-B3	10,0	75,0	90	msm	msm
2.377	3.455.775	7.521.864	4-B3	30,0	70,0	40	msm	msm	2.485	3.447.628	7.531.394	4-B3	0,5	65,0	50	msm	msm
2.378	3.453.850	7.524.871	4-B3	20,0	65,0	50	msm	msm	2.486	3.448.834	7.530.759	4-B3	0,5	55,0	60	msm	msm
2.402	3.467.976	7.538.935	4-B3	50,0	75,0	70	msm	msm	2.487	3.450.506	7.530.728	4-B3	0,5	65,0	60	msm	msm
2.403	3.468.103	7.539.179	4-B3	19,0	21,0	49	msm	msm	2.488	3.449.575	7.532.550	4-B3	10,0	60,0	60	msm	msm
2.404	3.468.177	7.539.518	4-B3	50,0	65,0	50	msm	msm	2.490	3.451.184	7.532.148	4-B3	10,0	70,0	60	msm	msm
2.407	3.466.960	7.539.751	4-B3	40,0	55,0	70	msm	msm	2.491	3.449.119	7.526.140	4-B3	8,0	12,0	31	msm	msm
2.408	3.466.420	7.540.354	4-B3	20,0	60,0	60	msm	msm	2.492	3.450.125	7.526.978	4-B3	10,0	50,0	60	msm	msm
2.411	3.465.912	7.540.513	4-B3	50,0	70,0	80	msm	msm	2.493	3.450.792	7.528.164	4-B3	10,0	75,0	50	msm	msm
2.412	3.461.171	7.540.712	4-B3	30,0	55,0	40	msm	msm	2.494	3.449.796	7.523.079	4-B3	10,0	65,0	70	msm	msm
2.414	3.460.430	7.541.114	4-B3	30,0	50,0	50	msm	msm	2.496	3.450.696	7.523.948	4-B3	10,0	70,0	80	msm	msm
2.415	3.459.880	7.541.305	4-B3	30,0	65,0	60	msm	msm	2.497	3.451.945	7.524.807	4-B3	20,0	80,0	60	msm	msm
2.419	3.459.234	7.541.177	4-B3	70,0	70,0	40	msm	msm	2.498	3.452.961	7.525.877	4-B3	10,0	65,0	60	msm	msm
2.421	3.458.430	7.542.035	4-B3	50,0	55,0	50	msm	msm	2.499	3.451.965	7.521.629	4-B3	10,0	75,0	50	msm	msm
2.422	3.459.528	7.524.079	4-B3	20,0	45,0	60	msm	msm	2.500	3.452.675	7.522.900	4-B3	10,0	75,0	50	msm	msm
2.426	3.459.306	7.525.202	4-B3	30,0	60,0	60	msm	msm	2.638	3.492.326	7.497.388	4-C4	0,5	85,0	40	msm	msm
2.428	3.459.369	7.526.367	4-B3	30,0	70,0	50	msm	msm	2.639	3.493.437	7.497.590	4-C4	0,5	40,0	40	msm	msm
2.430	3.459.941	7.527.416	4-B3	40,0	65,0	70	msm	msm	2.648	3.491.649	7.498.850	4-C4	0,5	20,0	40	msm	msm
2.432	3.460.470	7.528.264	4-B3	20,0	70,0	50	msm	msm	2.649	3.491.395	7.498.564	4-C4	0,5	35,0	40	msm	msm
2.437	3.461.571	7.529.165	4-B3	40,0	60,0	160	msm	msm	2.662	3.491.745	7.500.407	4-C4	0,5	35,0	50	msm	msm
2.439	3.460.957	7.528.953	4-B3	30,0	70,0	50	msm	msm	2.663	3.492.538	7.501.086	4-C4	0,5	40,0	40	msm	msm
2.441	3.461.656	7.528.053	4-B3	30,0	75,0	130	msm	msm	2.666	3.492.549	7.501.287	4-C4	0,5	25,0	50	msm	msm
2.443	3.462.068	7.526.601	4-B3	40,0	65,0	170	msm	msm	2.671	3.492.465	7.502.007	4-C4	40,0	msm	msm	msm	msm
2.445	3.462.523	7.525.002	4-B3	40,0	65,0	60	msm	msm	2.673	3.491.957	7.502.017	4-C4	0,5	250,0	80	msm	msm
2.447	3.463.708	7.523.890	4-B3	10,0	65,0	150	msm	msm	2.674	3.491.872	7.501.806	4-C4	10,0	20,0	50	msm	msm
2.448	3.464.237	7.522.831	4-B3	20,0	70,0	140	msm	msm	2.679	3.491.671	7.501.445	4-C4	0,5	35,0	50	msm	msm
2.449	3.464.480	7.521.719	4-B3	20,0	80,0	140	msm	msm	3.410	3.492.896	7.489.264	4-C4	0,5	25,0	90	msm	msm
2.451	3.464.554	7.520.384	4-B3	30,0	60,0	120	msm	msm	3.411	3.488.718	7.500.342	4-C4	msm	35,0	50	msm	msm
2.453	3.465.464	7.518.361	4-B3	20,0	70,0	160	msm	msm	3.414	3.488.443	7.499.929	4-C4	0,5	35,0	40	msm	msm
2.455	3.466.152	7.516.836	4-B3	40,0	65,0	150	msm	msm	3.415	3.488.538	7.499.495	4-C4	0,5	30,0	40	msm	msm
2.456	3.459.352	7.516.854	4-B3	10,0	50,0	40	msm	msm	3.418	3.489.258	7.499.537	4-C4	0,5	40,0	80	msm	msm
2.458	3.454.136	7.529.840	4-B3	30,0	60,0	50	msm	msm	3.419	3.489.713	7.500.088	4-C4	10,0	35,0	60	msm	msm
2.461	3.454.052	7.529.384	4-B3	<10	65,0	50	msm	msm	3.420	3.490.390	7.501.148	4-C4	0,5	25,0	40	msm	msm
2.463	3.453.871	7.528.441	4-B3	<10	70,0	60	msm	msm	3.421	3.490.189	7.501.042	4-C4	0,5	45,0	50	msm	msm
2.464	3.453.691	7.526.937	4-B3	<10	60,0	60	msm	msm	3.422	3.489.416	7.500.385	4-C4	0,5	40,0	40	msm	msm
2.465	3.453.977	7.526.195	4-B3	msm	70,0	50	msm	msm	3.423	3.488.083	7.500.978	4-C4	0,5	30,0	40	msm	msm
2.466	3.455.342	7.523.950	4-B3	10,0	70,0	40	msm	msm	3.424	3.487.734	7.500.490	4-C4	0,5	50,0	50	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
3.425	3.487.374	7.501.104	4-C4	<10	35,0	60	msm	msm	3.521	3.479.597	7.510.306	4-C4	0,5	35,0	40	msm	msm
3.426	3.486.390	7.501.559	4-C4	20,0	msm	msm	msm	msm	3.523	3.475.016	7.515.452	4-C4	0,5	30,0	50	msm	msm
3.427	3.485.840	7.500.998	4-C4	msm	25,0	80	msm	msm	3.524	3.474.423	7.513.121	4-C4	10,0	35,0	50	msm	msm
3.428	3.487.289	7.501.496	4-C4	<10	40,0	40	msm	msm	3.525	3.474.423	7.512.454	4-C4	0,5	900,0	2.001	msm	msm
3.432	3.485.459	7.502.396	4-C4	<10	30,0	40	msm	msm	3.527	3.473.904	7.512.486	4-C4	0,5	150,0	50	msm	msm
3.435	3.484.570	7.502.385	4-C4	<10	30,0	40	msm	msm	3.530	3.477.047	7.508.229	4-C4	0,5	25,0	40	msm	msm
3.436	3.483.850	7.502.247	4-C4	<10	35,0	40	msm	msm	3.531	3.477.968	7.511.079	4-C4	msm	25,0	90	msm	msm
3.437	3.482.707	7.502.278	4-C4	<10	20,0	50	msm	msm	3.532	3.478.825	7.509.490	4-C4	msm	30,0	40	msm	msm
3.438	3.481.459	7.503.061	4-C4	<10	30,0	40	msm	msm	3.535	3.480.582	7.510.932	4-C4	msm	40,0	40	msm	msm
3.441	3.485.448	7.502.036	4-C4	<10	20,0	50	msm	msm	3.542	3.481.227	7.512.182	4-C4	0,5	35,0	70	msm	msm
3.443	3.487.140	7.493.022	4-C4	<10	35,0	30	msm	msm	3.543	3.481.471	7.511.218	4-C4	0,5	50,0	60	msm	msm
3.444	3.489.574	7.491.614	4-C4	<10	25,0	40	msm	msm	3.544	3.484.011	7.511.198	4-C4	0,5	40,0	40	msm	msm
3.445	3.490.949	7.490.926	4-C4	<10	35,0	50	msm	msm	3.545	3.482.942	7.510.382	4-C4	0,5	45,0	30	msm	msm
3.449	3.491.055	7.490.587	4-C4	<10	35,0	50	msm	msm	3.546	3.483.037	7.509.905	4-C4	0,5	35,0	30	msm	msm
3.450	3.492.399	7.490.386	4-C4	<10	35,0	40	msm	msm	3.547	3.482.105	7.509.036	4-C4	10,0	45,0	30	msm	msm
3.457	3.492.621	7.490.726	4-C4	<10	40,0	70	msm	msm	3.548	3.483.132	7.509.354	4-C4	0,5	40,0	40	msm	msm
3.458	3.493.034	7.490.747	4-C4	10,0	40,0	50	msm	msm	3.549	3.483.058	7.508.772	4-C4	0,5	40,0	50	msm	msm
3.459	3.485.969	7.515.817	4-C4	10,0	msm	msm	msm	msm	3.550	3.481.427	7.506.419	4-C4	0,5	45,0	40	msm	msm
3.460	3.495.225	7.489.816	4-C4	10,0	30,0	40	msm	msm	3.551	3.483.809	7.506.781	4-C4	0,5	45,0	30	msm	msm
3.461	3.496.505	7.490.081	4-C4	<10	35,0	60	msm	msm	3.552	3.483.745	7.505.520	4-C4	0,5	100,0	50	msm	msm
3.462	3.496.368	7.491.808	4-C4	<10	45,0	30	msm	msm	3.553	3.488.719	7.505.957	4-C4	0,5	30,0	60	msm	msm
3.463	3.495.860	7.492.051	4-C4	10,0	30,0	40	msm	msm	3.554	3.485.926	7.511.040	4-C4	10,0	40,0	50	msm	msm
3.464	3.497.977	7.494.213	4-C4	<10	40,0	60	msm	msm	3.555	3.484.508	7.511.971	4-C4	msm	25,0	40	msm	msm
3.465	3.495.934	7.493.185	4-C4	<10	30,0	30	msm	msm	3.556	3.484.455	7.513.349	4-C4	0,5	35,0	30	msm	msm
3.466	3.498.220	7.494.256	4-C4	10,0	25,0	40	msm	msm	3.557	3.485.969	7.512.481	4-C4	0,5	35,0	30	msm	msm
3.468	3.498.866	7.494.966	4-C4	10,0	40,0	40	msm	msm	3.558	3.487.355	7.512.269	4-C4	0,5	20,0	40	msm	msm
3.469	3.497.089	7.498.789	4-C4	<10	30,0	40	msm	msm	4.301	3.469.979	7.516.499	4-C3	10,0	msm	msm	msm	msm
3.471	3.486.706	7.493.127	4-C4	10,0	35,0	40	msm	msm	4.307	3.468.190	7.515.142	4-C3	10,0	msm	msm	msm	msm
3.472	3.486.315	7.496.485	4-C4	msm	35,0	60	msm	msm	4.308	3.467.174	7.515.480	4-C3	10,0	msm	msm	msm	msm
3.473	3.485.733	7.497.343	4-C4	<10	45,0	30	msm	msm	4.309	3.467.280	7.515.184	4-C3	10,0	msm	msm	msm	msm
3.475	3.483.077	7.497.776	4-C4	msm	40,0	30	msm	msm	4.310	3.466.253	7.515.914	4-C3	10,0	40,0	130	msm	msm
3.478	3.482.241	7.498.867	4-C4	<10	40,0	40	msm	msm	4.311	3.466.349	7.515.512	4-C3	10,0	msm	msm	msm	msm
3.480	3.480.982	7.498.040	4-C4	<10	35,0	40	msm	msm	4.312	3.464.931	7.515.935	4-C3	10,0	msm	msm	msm	msm
3.481	3.480.601	7.498.813	4-C4	<10	35,0	40	msm	msm	4.313	3.464.338	7.514.748	4-C3	10,0	msm	msm	msm	msm
3.483	3.481.690	7.497.479	4-C4	<10	40,0	40	msm	msm	4.316	3.464.538	7.511.613	4-C3	10,0	msm	msm	msm	msm
3.484	3.486.283	7.497.375	4-C4	<10	35,0	30	msm	msm	4.322	3.467.840	7.511.000	4-C3	30,0	40,0	130	msm	msm
3.490	3.474.705	7.491.385	4-C4	msm	45,0	50	msm	msm	4.324	3.468.337	7.510.015	4-C3	10,0	msm	msm	msm	msm
3.491	3.476.853	7.493.695	4-C4	msm	50,0	40	msm	msm	4.325	3.467.290	7.510.311	4-C3	10,0	msm	msm	msm	msm
3.492	3.474.875	7.494.277	4-C4	<10	45,0	40	msm	msm	4.326	3.466.263	7.510.491	4-C3	10,0	msm	msm	msm	msm
3.495	3.478.832	7.492.827	4-C4	<10	35,0	30	msm	msm	4.327	3.465.332	7.511.391	4-C3	10,0	msm	msm	msm	msm
3.496	3.478.367	7.493.007	4-C4	<10	40,0	40	msm	msm	4.328	3.470.295	7.511.340	4-C3	10,0	msm	msm	msm	msm
3.499	3.480.663	7.493.135	4-C4	msm	50,0	40	msm	msm	4.329	3.469.660	7.511.890	4-C3	10,0	msm	msm	msm	msm
3.500	3.480.144	7.492.266	4-C4	msm	35,0	20	msm	msm	4.332	3.468.539	7.512.292	4-C3	10,0	msm	msm	msm	msm
3.503	3.482.356	7.493.104	4-C4	msm	35,0	30	msm	msm	4.334	3.467.618	7.512.716	4-C3	10,0	msm	msm	msm	msm
3.506	3.483.711	7.493.062	4-C4	msm	45,0	30	msm	msm	4.335	3.467.766	7.513.203	4-C3	20,0	msm	msm	msm	msm
3.509	3.483.097	7.489.471	4-C4	<10	30,0	30	msm	msm	4.337	3.466.740	7.513.023	4-C3	20,0	msm	msm	msm	msm
3.510	3.485.446	7.491.135	4-C4	<10	40,0	30	msm	msm	4.338	3.465.946	7.512.906	4-C3	10,0	msm	msm	msm	msm
3.515	3.486.441	7.491.867	4-C4	<10	30,0	50	msm	msm	4.339	3.466.623	7.512.482	4-C3	10,0	msm	msm	msm	msm
3.516	3.486.832	7.490.310	4-C4	<10	35,0	40	msm	msm	4.340	3.465.639	7.512.778	4-C3	10,0	msm	msm	msm	msm
3.520	3.479.544	7.509.226	4-C4	<10	25,0	50	msm	msm	4.341	3.454.241	7.511.883	4-C3	10,0	msm	msm	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
4.345	3.455.109	7.513.261	4-C3	10,0	msm	msm	msm	msm	4.499	3.461.572	7.494.906	4-C3	10,0	msm	msm	msm	msm
4.346	3.454.855	7.513.441	4-C3	10,0	msm	msm	msm	msm	4.500	3.460.525	7.495.901	4-C3	10,0	msm	msm	msm	msm
4.347	3.455.289	7.513.494	4-C3	10,0	msm	msm	msm	msm	4.502	3.462.027	7.492.671	4-C3	10,0	msm	msm	msm	msm
4.348	3.455.459	7.514.543	4-C3	10,0	msm	msm	msm	msm	4.503	3.461.551	7.493.169	4-C3	0,5	msm	msm	msm	msm
4.350	3.455.840	7.514.617	4-C3	10,0	msm	msm	msm	msm	4.504	3.460.969	7.493.518	4-C3	10,0	msm	msm	msm	msm
4.351	3.456.073	7.514.702	4-C3	10,0	msm	msm	msm	msm	4.505	3.461.376	7.492.078	4-C3	10,0	msm	msm	msm	msm
4.363	3.461.607	7.511.474	4-C3	10,0	msm	msm	msm	msm	4.506	3.460.048	7.492.056	4-C3	0,5	9,0	22	msm	msm
4.375	3.461.268	7.510.764	4-C3	10,0	msm	msm	msm	msm	4.509	3.461.614	7.489.641	4-C3	10,0	msm	msm	msm	msm
4.378	3.462.485	7.510.976	4-C3	10,0	msm	msm	msm	msm	4.512	3.460.481	7.490.817	4-C3	10,0	msm	msm	msm	msm
4.380	3.464.316	7.509.896	4-C3	10,0	msm	msm	msm	msm	4.513	3.459.307	7.491.950	4-C3	20,0	msm	msm	msm	msm
4.381	3.467.067	7.506.180	4-C3	20,0	msm	msm	msm	msm	4.519	3.466.355	7.493.044	4-C3	10,0	msm	msm	msm	msm
4.383	3.466.411	7.507.355	4-C3	10,0	msm	msm	msm	msm	4.521	3.465.371	7.493.827	4-C3	10,0	msm	msm	msm	msm
4.384	3.467.173	7.507.218	4-C3	10,0	msm	msm	msm	msm	4.523	3.464.567	7.495.035	4-C3	10,0	msm	msm	msm	msm
4.385	3.466.898	7.508.446	4-C3	10,0	msm	msm	msm	msm	4.529	3.462.514	7.496.209	4-C3	40,0	95,0	150	msm	msm
4.386	3.466.792	7.508.944	4-C3	10,0	msm	msm	msm	msm	4.533	3.458.208	7.500.169	4-C3	10,0	msm	msm	msm	msm
4.387	3.465.988	7.508.679	4-C3	10,0	msm	msm	msm	msm	4.534	3.457.445	7.498.453	4-C3	10,0	msm	msm	msm	msm
4.388	3.465.405	7.509.084	4-C3	10,0	msm	msm	msm	msm	4.536	3.457.731	7.498.453	4-C3	10,0	msm	msm	msm	msm
4.392	3.463.501	7.509.589	4-C3	10,0	msm	msm	msm	msm	4.537	3.457.551	7.498.718	4-C3	9,0	35,0	60	msm	msm
4.393	3.463.321	7.509.059	4-C3	10,0	msm	msm	msm	msm	4.540	3.457.985	7.496.483	4-C3	10,0	msm	msm	msm	msm
4.397	3.463.638	7.508.328	4-C3	10,0	msm	msm	msm	msm	4.545	3.457.678	7.499.353	4-C3	10,0	msm	msm	msm	msm
4.398	3.463.966	7.508.254	4-C3	10,0	msm	msm	msm	msm	4.546	3.457.213	7.497.944	4-C3	10,0	msm	msm	msm	msm
4.401	3.462.802	7.507.639	4-C3	10,0	msm	msm	msm	msm	4.573	3.452.142	7.492.783	4-C3	20,0	60,0	160	msm	msm
4.403	3.462.347	7.507.915	4-C3	10,0	msm	msm	msm	msm	4.576	3.456.206	7.493.473	4-C3	10,0	msm	msm	msm	msm
4.405	3.462.177	7.506.802	4-C3	10,0	msm	msm	msm	msm	4.579	3.459.170	7.494.990	4-C3	10,0	msm	msm	msm	msm
4.406	3.463.034	7.503.635	4-C3	10,0	msm	msm	msm	msm	4.581	3.458.809	7.490.329	4-C3	10,0	msm	msm	msm	msm
4.407	3.463.203	7.503.530	4-C3	20,0	35,0	160	msm	msm	4.582	3.459.318	7.493.104	4-C3	10,0	msm	msm	msm	msm
4.408	3.464.389	7.504.007	4-C3	10,0	msm	msm	msm	msm	4.583	3.460.260	7.495.763	4-C3	10,0	msm	msm	msm	msm
4.411	3.464.505	7.504.886	4-C3	10,0	msm	msm	msm	msm	9.319	3.408.579	7.463.454	4-D1	6,0	2,0	22	msm	msm
4.419	3.464.410	7.502.217	4-C3	10,0	msm	msm	msm	msm	9.320	3.410.251	7.462.671	4-D1	5,0	1,0	22	msm	msm
4.420	3.463.837	7.503.056	4-C3	10,0	msm	msm	msm	msm	9.321	3.411.923	7.462.206	4-D1	8,0	4,0	33	msm	msm
4.421	3.466.939	7.504.877	4-C3	10,0	msm	msm	msm	msm	9.331	3.439.067	7.462.875	4-D2	9,0	20,0	118	msm	msm
4.422	3.468.664	7.503.405	4-C3	10,0	msm	msm	msm	msm	11.763	3.481.614	7.516.779	4-B4	12,0	9,0	51	msm	msm
4.425	3.467.807	7.504.252	4-C3	20,0	msm	msm	msm	msm	11.765	3.481.911	7.516.462	4-B4	9,0	11,0	48	msm	msm
4.426	3.467.384	7.504.803	4-C3	10,0	msm	msm	msm	msm	11.766	3.483.488	7.517.066	4-B4	9,0	11,0	47	msm	msm
4.429	3.466.220	7.506.020	4-C3	10,0	msm	msm	msm	msm	11.767	3.483.075	7.516.515	4-B4	11,0	7,0	47	msm	msm
4.430	3.465.723	7.506.412	4-C3	10,0	msm	msm	msm	msm	11.768	3.484.059	7.516.844	4-B4	13,0	10,0	40	msm	msm
4.432	3.464.326	7.507.026	4-C3	10,0	msm	msm	msm	msm	11.769	3.485.668	7.517.470	4-B4	9,0	8,0	39	msm	msm
4.435	3.468.760	7.505.577	4-C3	10,0	msm	msm	msm	msm	11.774	3.478.503	7.517.159	4-B4	8,0	12,0	36	msm	msm
4.436	3.468.760	7.506.265	4-C3	10,0	msm	msm	msm	msm	11.775	3.478.916	7.517.107	4-B4	10,0	11,0	39	msm	msm
4.439	3.467.776	7.506.201	4-C3	10,0	msm	msm	msm	msm	11.776	3.479.000	7.517.297	4-B4	9,0	13,0	39	msm	msm
4.442	3.466.887	7.505.353	4-C3	10,0	msm	msm	msm	msm	11.777	3.479.868	7.516.577	4-B4	11,0	11,0	13	msm	msm
4.459	3.452.292	7.502.253	4-C3	10,0	msm	msm	msm	msm	11.783	3.479.646	7.520.741	4-B4	8,0	13,0	20	msm	msm
4.470	3.456.917	7.502.923	4-C3	10,0	msm	msm	msm	msm	11.784	3.480.451	7.519.957	4-B4	7,0	10,0	20	msm	msm
4.472	3.458.759	7.504.396	4-C3	10,0	msm	msm	msm	msm	11.785	3.481.308	7.518.877	4-B4	7,0	7,0	23	msm	msm
4.474	3.460.188	7.505.859	4-C3	10,0	msm	msm	msm	msm	11.786	3.482.483	7.518.793	4-B4	8,0	9,0	26	msm	msm
4.476	3.462.781	7.506.273	4-C3	10,0	msm	msm	msm	msm	11.787	3.483.742	7.520.435	4-B4	8,0	8,0	32	msm	msm
4.488	3.457.975	7.500.625	4-C3	10,0	msm	msm	msm	msm	11.788	3.483.393	7.519.778	4-B4	12,0	17,0	50	msm	msm
4.490	3.459.012	7.502.076	4-C3	10,0	msm	msm	msm	msm	11.789	3.483.954	7.519.344	4-B4	10,0	9,0	34	msm	msm
4.494	3.463.002	7.502.830	4-C3	10,0	msm	msm	msm	msm	11.790	3.484.758	7.518.921	4-B4	10,0	11,0	38	msm	msm
4.496	3.462.102	7.501.103	4-C3	10,0	msm	msm	msm	msm									

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
11.793	3.481.456	7.521.589	4-B4	11,0	13,0	39	msm	msm	14.144	3.490.772	7.535.429	4-B4	13,0	14,0	49	msm	msm
11.794	3.481.276	7.520.794	4-B4	8,0	9,0	32	msm	msm	14.145	3.490.180	7.537.007	4-B4	14,0	17,0	50	msm	msm
11.795	3.482.695	7.520.753	4-B4	7,0	6,0	28	msm	msm	14.165	3.492.624	7.534.158	4-B4	16,0	15,0	51	msm	msm
11.802	3.483.637	7.523.327	4-B4	9,0	9,0	28	msm	msm	14.166	3.493.143	7.534.667	4-B4	13,0	11,0	45	msm	msm
11.803	3.483.616	7.522.692	4-B4	7,0	7,0	20	msm	msm	14.167	3.493.545	7.535.081	4-B4	14,0	10,0	50	msm	msm
11.804	3.484.304	7.522.427	4-B4	11,0	10,0	35	msm	msm	14.168	3.493.397	7.535.557	4-B4	13,0	7,0	44	msm	msm
11.805	3.485.256	7.521.813	4-B4	10,0	9,0	38	msm	msm	14.169	3.493.747	7.536.405	4-B4	9,0	6,0	34	msm	msm
11.806	3.486.515	7.521.951	4-B4	9,0	8,0	18	msm	msm	14.170	3.495.472	7.537.391	4-B4	14,0	6,0	40	msm	msm
11.807	3.486.494	7.522.322	4-B4	10,0	10,0	20	msm	msm	14.171	3.496.075	7.539.203	4-B4	13,0	11,0	53	msm	msm
11.808	3.487.595	7.524.113	4-B4	13,0	9,0	33	msm	msm	14.172	3.496.107	7.540.675	4-B4	13,0	9,0	50	msm	msm
11.809	3.487.775	7.524.357	4-B4	11,0	8,0	33	msm	msm	14.173	3.496.266	7.541.025	4-B4	13,0	7,0	39	msm	msm
11.810	3.486.749	7.524.378	4-B4	8,0	12,0	43	msm	msm	14.174	3.496.679	7.541.841	4-B4	16,0	11,0	49	msm	msm
11.811	3.485.564	7.525.617	4-B4	8,0	17,0	32	msm	msm	14.190	3.495.134	7.540.071	4-B4	16,0	12,0	57	msm	msm
11.812	3.484.844	7.525.733	4-B4	10,0	9,0	39	msm	msm	14.191	3.494.647	7.539.244	4-B4	10,0	8,0	35	msm	msm
11.813	3.483.902	7.525.361	4-B4	11,0	12,0	34	msm	msm	14.192	3.494.700	7.540.378	4-B4	12,0	12,0	51	msm	msm
11.814	3.482.590	7.526.886	4-B4	11,0	8,0	39	msm	msm	14.193	3.493.303	7.540.197	4-B4	13,0	16,0	62	msm	msm
11.832	3.486.844	7.527.005	4-B4	9,0	29,0	59	msm	msm	14.203	3.489.663	7.543.766	4-B4	26,0	19,0	60	msm	msm
11.833	3.486.813	7.529.145	4-B4	12,0	9,0	43	msm	msm	14.205	3.490.403	7.543.406	4-B4	24,0	18,0	57	msm	msm
11.834	3.484.759	7.527.470	4-B4	11,0	11,0	50	msm	msm	14.206	3.490.467	7.542.696	4-B4	21,0	24,0	77	msm	msm
11.835	3.483.881	7.529.122	4-B4	9,0	8,0	36	msm	msm	14.207	3.491.038	7.542.315	4-B4	25,0	20,0	72	msm	msm
11.836	3.485.649	7.530.246	4-B4	10,0	8,0	37	msm	msm	14.208	3.492.128	7.541.976	4-B4	22,0	22,0	87	msm	msm
11.837	3.485.966	7.528.106	4-B4	9,0	12,0	34	msm	msm	14.209	3.491.493	7.540.970	4-B4	21,0	19,0	106	msm	msm
11.858	3.489.247	7.528.659	4-B4	12,0	15,0	49	msm	msm	14.227	3.492.509	7.539.063	4-B4	17,0	13,0	46	msm	msm
11.859	3.489.353	7.529.199	4-B4	12,0	10,0	44	msm	msm	14.229	3.493.472	7.541.808	4-B4	16,0	12,0	56	msm	msm
11.860	3.490.041	7.529.464	4-B4	14,0	11,0	49	msm	msm	14.501	3.445.051	7.533.766	4-B2	4,0	13,0	28	12	msm
11.861	3.490.422	7.530.651	4-B4	14,0	16,0	50	msm	msm	14.503	3.445.686	7.533.247	4-B2	3,0	5,0	32	msm	5,0
11.876	3.492.031	7.533.131	4-B4	13,0	11,0	47	msm	msm	14.504	3.446.194	7.532.855	4-B2	5,0	22,0	36	msm	5,0
11.877	3.491.693	7.532.897	4-B4	15,0	12,0	51	msm	msm	14.505	3.446.723	7.532.209	4-B2	4,0	7,0	39	msm	5,0
11.879	3.488.983	7.533.055	4-B4	14,0	14,0	39	msm	msm	14.507	3.443.167	7.532.716	4-B2	6,0	12,0	42	msm	5,0
11.880	3.487.671	7.530.469	4-B4	12,0	17,0	44	msm	msm	14.508	3.443.760	7.532.176	4-B2	5,0	2,0	36	msm	5,0
11.881	3.487.089	7.531.539	4-B4	16,0	15,0	49	msm	msm	14.509	3.444.331	7.531.827	4-B2	10,0	10,0	45	msm	m.s.m.
11.882	3.486.835	7.531.709	4-B4	12,0	10,0	32	msm	msm	14.512	3.445.390	7.531.817	4-B2	5,0	17,0	36	msm	5,0
11.883	3.486.612	7.532.386	4-B4	13,0	13,0	39	msm	msm	14.513	3.446.458	7.532.029	4-B2	4,0	2,0	35	msm	5,0
11.899	3.487.766	7.532.270	4-B4	16,0	16,0	45	msm	msm	14.514	3.447.051	7.532.029	4-B2	4,0	15,0	39	msm	5,0
11.900	3.487.068	7.533.022	4-B4	15,0	13,0	47	msm	msm	14.516	3.445.253	7.537.664	4-B2	14,0	10,0	33	msm	msm
14.102	3.487.279	7.533.499	4-B4	10,0	10,0	33	msm	msm	14.517	3.446.142	7.536.955	4-B2	15,0	21,0	54	22	5,0
14.103	3.488.359	7.533.690	4-B4	13,0	13,0	43	msm	msm	14.518	3.445.232	7.537.008	4-B2	15,0	22,0	52	msm	5,0
14.104	3.487.396	7.534.251	4-B4	17,0	13,0	52	msm	msm	14.519	3.446.015	7.536.055	4-B2	14,0	9,0	44	msm	5,0
14.117	3.488.592	7.534.580	4-B4	12,0	14,0	37	msm	msm	14.520	3.445.115	7.535.853	4-B2	3,0	14,0	33	msm	5,0
14.119	3.488.878	7.535.905	4-B4	17,0	15,0	53	msm	msm	14.521	3.446.046	7.535.334	4-B2	6,0	15,0	48	msm	5,0
14.120	3.489.005	7.536.381	4-B4	11,0	11,0	49	msm	msm	14.522	3.447.020	7.534.635	4-B2	8,0	8,0	46	msm	5,0
14.135	3.490.169	7.536.848	4-B4	14,0	17,0	49	msm	msm	14.523	3.440.711	7.526.507	4-B2	6,0	15,0	41	17	5,0
14.136	3.489.016	7.537.409	4-B4	18,0	13,0	52	msm	msm	14.524	3.441.176	7.526.677	4-B2	10,0	8,0	43	msm	5,0
14.137	3.490.942	7.537.336	4-B4	12,0	16,0	48	msm	msm	14.525	3.441.621	7.526.857	4-B2	16,0	4,0	40	msm	5,0
14.138	3.490.551	7.537.940	4-B4	16,0	14,0	55	msm	msm	14.526	3.442.108	7.527.027	4-B2	9,0	3,0	35	msm	5,0
14.139	3.490.053	7.538.374	4-B4	14,0	12,0	46	msm	msm	14.527	3.442.446	7.526.963	4-B2	8,0	8,0	32	msm	5,0
14.140	3.490.201	7.539.062	4-B4	18,0	21,0	59	msm	msm	14.528	3.442.690	7.526.423	4-B2	6,0	7,0	32	19	5,0
14.141	3.491.312	7.537.209	4-B4	20,0	16,0	61	msm	msm	14.529	3.443.357	7.526.593	4-B2	8,0	11,0	34	msm	msm
14.142	3.491.206	7.536.478	4-B4	15,0	15,0	61	msm	msm	14.530	3.442.319	7.525.290	4-B2	9,0	6,0	31	msm	5,0
14.143	3.491.249	7.536.096	4-B4	12,0	11,0	49	msm	msm	14.531	3.443.272	7.525.152	4-B2	10,0	7,0	44	msm	5,0

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
14.532	3.443.970	7.525.958	4-B2	10,0	3,0	36	msm	5,0	14.587	3.433.608	7.521.154	4-B2	1,0	9,0	28	msm	10,0
14.533	3.444.679	7.526.287	4-B2	7,0	3,0	35	msm	20,0	14.588	3.434.021	7.519.290	4-B2	1,0	6,0	37	15	10,0
14.534	3.444.923	7.525.323	4-B2	8,0	4,0	41	msm	5,0	14.589	3.434.243	7.519.841	4-B2	1,0	16,0	34	msm	10,0
14.535	3.446.119	7.525.344	4-B2	10,0	12,0	44	10	5,0	14.590	3.434.667	7.520.201	4-B2	2,0	13,0	32	msm	20,0
14.536	3.441.334	7.517.969	4-B2	8,0	5,0	40	msm	20,0	14.591	3.435.143	7.520.562	4-B2	1,0	10,0	35	msm	20,0
14.537	3.441.778	7.517.482	4-B2	9,0	6,0	41	msm	10,0	14.592	3.435.259	7.521.271	4-B2	3,0	13,0	38	msm	16,0
14.538	3.442.741	7.516.709	4-B2	6,0	3,0	41	msm	5,0	14.595	3.434.000	7.518.940	4-B2	2,0	4,0	36	msm	20,0
14.539	3.443.334	7.516.137	4-B2	5,0	7,0	40	msm	ND	14.596	3.433.925	7.518.389	4-B2	1,0	15,0	27	16	40,0
14.540	3.438.349	7.516.834	4-B2	5,0	13,0	49	19	ND	14.597	3.433.703	7.517.690	4-B2	1,0	10,0	25	14	32,0
14.541	3.439.079	7.517.544	4-B2	4,0	5,0	42	15	5,0	14.598	3.433.470	7.518.188	4-B2	6,0	13,0	32	msm	5,0
14.542	3.439.249	7.518.180	4-B2	9,0	4,0	41	msm	5,0	14.599	3.433.396	7.517.118	4-B2	1,0	9,0	25	msm	10,0
14.543	3.439.852	7.517.894	4-B2	5,0	8,0	45	msm	5,0	14.600	3.433.015	7.516.747	4-B2	2,0	17,0	25	msm	20,0
14.544	3.440.571	7.515.468	4-B2	8,0	9,0	44	msm	ND	14.601	3.426.773	7.530.039	4-B2	2,0	13,0	27	msm	0,5
14.545	3.440.190	7.516.284	4-B2	8,0	2,0	41	msm	5,0	14.602	3.426.985	7.531.543	4-B2	2,0	13,0	23	msm	96,0
14.546	3.440.624	7.516.252	4-B2	7,0	18,0	36	msm	5,0	14.603	3.428.255	7.529.913	4-B2	msm	11,0	32	12	20,0
14.547	3.440.762	7.516.825	4-B2	7,0	14,0	42	18	5,0	14.605	3.430.117	7.528.504	4-B2	msm	17,0	22	msm	10,0
14.548	3.440.730	7.517.693	4-B2	9,0	13,0	49	msm	5,0	14.606	3.431.101	7.527.859	4-B2	1,0	7,0	22	msm	20,0
14.549	3.440.223	7.518.911	4-B2	6,0	5,0	36	msm	5,0	14.607	3.432.636	7.527.965	4-B2	msm	12,0	21	msm	10,0
14.550	3.440.752	7.518.753	4-B2	6,0	3,0	39	msm	5,0	14.608	3.434.731	7.526.801	4-B2	1,0	10,0	24	msm	5,0
14.551	3.440.572	7.519.928	4-B2	3,0	11,0	27	msm	5,0	14.611	3.431.273	7.540.984	4-B2	msm	11,0	20	msm	msm
14.552	3.435.642	7.531.918	4-B2	1,0	16,0	21	msm	msm	14.612	3.431.167	7.540.550	4-B2	1,0	11,0	21	17	10,0
14.553	3.436.362	7.531.717	4-B2	3,0	4,0	17	16	5,0	14.614	3.432.225	7.539.396	4-B2	3,0	15,0	19	msm	10,0
14.554	3.437.367	7.530.658	4-B2	1,0	6,0	17	msm	5,0	14.615	3.433.505	7.537.913	4-B2	3,0	19,0	26	msm	10,0
14.555	3.435.102	7.530.848	4-B2	4,0	10,0	26	msm	ND	14.617	3.435.971	7.535.637	4-B2	1,0	14,0	18	msm	10,0
14.556	3.436.319	7.530.382	4-B2	2,0	18,0	22	msm	5,0	14.618	3.438.087	7.534.186	4-B2	2,0	13,0	20	msm	10,0
14.557	3.437.240	7.530.150	4-B2	1,0	4,0	20	msm	5,0	14.619	3.425.473	7.537.496	4-B2	9,0	14,0	35	msm	10,0
14.558	3.438.034	7.530.023	4-B2	3,0	11,0	25	msm	ND	14.620	3.427.229	7.537.359	4-B2	2,0	15,0	22	msm	20,0
14.559	3.438.690	7.529.949	4-B2	5,0	8,0	27	17	5,0	14.621	3.427.441	7.536.629	4-B2	2,0	16,0	22	13	10,0
14.560	3.439.579	7.529.738	4-B2	4,0	11,0	25	18	5,0	14.622	3.428.584	7.535.580	4-B2	5,0	23,0	29	msm	40,0
14.562	3.440.214	7.529.526	4-B2	4,0	6,0	33	msm	10,0	14.623	3.429.674	7.534.235	4-B2	5,0	19,0	32	msm	10,0
14.563	3.440.902	7.529.166	4-B2	4,0	1,0	32	msm	5,0	14.624	3.431.663	7.532.255	4-B2	2,0	21,0	28	msm	5,0
14.564	3.441.156	7.528.499	4-B2	10,0	19,0	44	msm	10,0	14.625	3.432.351	7.532.637	4-B2	3,0	19,0	21	msm	20,0
14.565	3.433.409	7.530.116	4-B2	9,0	3,0	42	msm	30,0	14.626	3.433.674	7.531.282	4-B2	5,0	23,0	25	msm	5,0
14.566	3.434.192	7.529.619	4-B2	5,0	2,0	32	22	30,0	14.801	3.436.138	7.523.772	4-B2	9,0	14,0	40	20	16,0
14.567	3.435.091	7.529.270	4-B2	7,0	9,0	41	msm	10,0	14.802	3.437.080	7.523.518	4-B2	12,0	16,0	39	msm	10,0
14.568	3.435.684	7.529.111	4-B2	11,0	19,0	41	msm	10,0	14.803	3.435.852	7.522.087	4-B2	11,0	16,0	40	msm	20,0
14.569	3.436.160	7.527.999	4-B2	6,0	4,0	31	msm	20,0	14.804	3.437.048	7.522.522	4-B2	18,0	15,0	40	msm	30,0
14.570	3.436.922	7.528.412	4-B2	5,0	8,0	31	msm	24,0	14.805	3.437.810	7.523.105	4-B2	21,0	14,0	39	msm	18,0
14.571	3.436.658	7.529.133	4-B2	4,0	1,0	27	msm	10,0	14.807	3.438.530	7.522.925	4-B2	12,0	22,0	40	msm	5,0
14.572	3.437.451	7.528.794	4-B2	10,0	msm	46	27	5,0	14.808	3.438.826	7.522.407	4-B2	16,0	20,0	42	msm	5,0
14.573	3.438.446	7.528.540	4-B2	13,0	17,0	53	msm	5,0	14.809	3.438.900	7.520.796	4-B2	12,0	13,0	40	msm	5,0
14.574	3.439.695	7.528.286	4-B2	9,0	5,0	49	msm	20,0	14.810	3.439.080	7.521.644	4-B2	10,0	14,0	41	msm	5,0
14.575	3.440.563	7.528.361	4-B2	10,0	17,0	38	msm	30,0	14.811	3.439.641	7.522.534	4-B2	19,0	12,0	44	msm	10,0
14.576	3.441.854	7.527.758	4-B2	8,0	21,0	32	msm	44,0	14.813	3.439.599	7.521.242	4-B2	21,0	13,0	27	msm	10,0
14.580	3.438.329	7.525.690	4-B2	9,0	16,0	35	20	40,0	14.814	3.439.937	7.521.687	4-B2	27,0	11,0	27	msm	2,0
14.581	3.438.880	7.525.044	4-B2	34,0	9,0	31	27	24,0	14.815	3.440.265	7.522.068	4-B2	14,0	8,0	24	msm	20,0
14.582	3.439.070	7.524.208	4-B2	9,0	18,0	32	msm	30,0	14.816	3.441.324	7.523.721	4-B2	7,0	11,0	37	msm	msm
14.583	3.439.472	7.523.636	4-B2	8,0	17,0	30	msm	10,0	14.817	3.440.911	7.522.577	4-B2	9,0	16,0	40	21	20,0
14.584	3.439.990	7.522.852	4-B2	16,0	10,0	42	26	24,0	14.818	3.443.154	7.519.622	4-B2	2,0	21,0	33	msm	16,0
14.586	3.434.349	7.521.843	4-B2	12,0	20,0	28	msm	msm	14.819	3.442.276	7.519.643	4-B2	5,0	19,0	31	msm	5,0

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
14.820	3.441.567	7.520.268	4-B2	6,0	10,0	30	msm	10,0	14.871	3.431.132	7.522.424	4-B2	1,0	21,0	17	msm	5,0
14.821	3.441.281	7.519.357	4-B2	7,0	16,0	46	msm	40,0	14.872	3.431.778	7.522.710	4-B2	msm	7,0	17	msm	0,5
14.822	3.440.805	7.519.748	4-B2	5,0	15,0	32	msm	5,0	14.873	3.430.434	7.524.415	4-B2	msm	9,0	16	msm	5,0
14.823	3.440.911	7.520.818	4-B2	5,0	18,0	32	22	18,0	14.874	3.431.122	7.523.589	4-B2	msm	13,0	16	msm	0,5
14.824	3.441.334	7.521.836	4-B2	8,0	15,0	43	msm	10,0	14.875	3.431.873	7.523.325	4-B2	1,0	8,0	21	msm	0,5
14.825	3.441.451	7.521.528	4-B2	5,0	19,0	35	msm	14,0	14.876	3.432.455	7.522.637	4-B2	msm	9,0	18	14	msm
14.826	3.442.012	7.521.762	4-B2	7,0	16,0	56	msm	20,0	14.877	3.433.143	7.522.436	4-B2	1,0	4,0	18	msm	msm
14.827	3.443.514	7.521.423	4-B2	7,0	16,0	35	msm	16,0	14.878	3.433.820	7.522.203	4-B2	1,0	4,0	18	msm	msm
14.828	3.443.144	7.522.525	4-B2	5,0	11,0	33	msm	20,0	14.879	3.432.042	7.522.350	4-B2	3,0	3,0	16	msm	msm
14.829	3.444.002	7.523.246	4-B2	6,0	14,0	34	18	24,0	14.880	3.431.915	7.519.585	4-B2	1,0	2,0	15	msm	msm
14.830	3.445.547	7.523.300	4-B2	10,0	24,0	35	21	12,0	14.881	3.430.920	7.519.818	4-B2	11,0	1,0	14	11	msm
14.831	3.445.515	7.524.189	4-B2	7,0	18,0	32	msm	ND	14.882	3.431.798	7.520.126	4-B2	msm	4,0	28	15	0,5
14.832	3.447.092	7.525.133	4-B2	8,0	12,0	37	msm	16,0	14.883	3.432.508	7.520.486	4-B2	msm	2,0	18	msm	0,5
14.833	3.440.914	7.539.675	4-B2	17,0	12,0	38	msm	20,0	14.884	3.433.026	7.520.688	4-B2	8,0	14,0	19	5	msm
14.834	3.441.284	7.538.881	4-B2	23,0	18,0	47	msm	10,0	14.885	3.433.058	7.519.883	4-B2	msm	5,0	17	msm	0,5
14.835	3.441.898	7.537.949	4-B2	24,0	16,0	41	msm	12,0	14.886	3.433.820	7.520.434	4-B2	msm	12,0	22	msm	5,0
14.836	3.442.628	7.537.250	4-B2	15,0	17,0	44	20	20,0	14.887	3.434.413	7.520.890	4-B2	1,0	6,0	19	17	0,5
14.837	3.443.475	7.536.848	4-B2	26,0	17,0	42	msm	5,0	14.888	3.439.867	7.542.323	4-B2	2,0	14,0	41	15	5,0
14.838	3.444.311	7.536.477	4-B2	9,0	7,0	35	msm	5,0	14.889	3.441.200	7.541.392	4-B2	1,0	14,0	41	msm	5,0
14.839	3.439.432	7.537.545	4-B2	2,0	9,0	18	msm	10,0	14.890	3.441.084	7.541.127	4-B2	2,0	2,0	34	msm	0,5
14.840	3.440.617	7.536.730	4-B2	2,0	11,0	20	msm	11,0	14.891	3.441.761	7.540.873	4-B2	2,0	2,0	32	msm	0,5
14.841	3.441.411	7.536.158	4-B2	2,0	13,0	22	msm	12,0	14.892	3.442.904	7.540.132	4-B2	2,0	4,0	26	msm	5,0
14.843	3.443.136	7.534.771	4-B2	3,0	10,0	18	15	10,0	14.893	3.443.973	7.539.295	4-B2	1,0	3,0	17	16	5,0
14.844	3.444.183	7.534.242	4-B2	4,0	11,0	34	12	24,0	14.894	3.444.936	7.538.575	4-B2	1,0	20,0	28	msm	msm
14.845	3.440.754	7.533.912	4-B2	3,0	13,0	21	msm	10,0	14.895	3.446.332	7.537.697	4-B2	2,0	29,0	26	msm	msm
14.846	3.440.395	7.534.770	4-B2	1,0	9,0	13	msm	10,0	14.896	3.443.581	7.541.562	4-B2	3,0	18,0	23	msm	msm
14.847	3.441.284	7.534.326	4-B2	2,0	9,0	12	msm	14,0	14.897	3.444.618	7.540.514	4-B2	2,0	15,0	25	msm	msm
14.848	3.441.792	7.534.177	4-B2	1,0	11,0	13	msm	14,0	14.898	3.446.089	7.539.476	4-B2	3,0	19,0	29	13	msm
14.849	3.442.194	7.533.828	4-B2	2,0	7,0	15	msm	5,0	14.899	3.426.002	7.538.164	4-B2	1,0	12,0	29	15	msm
14.850	3.442.638	7.533.415	4-B2	21,0	6,0	18	14	28,0	14.900	3.425.684	7.536.787	4-B2	1,0	27,0	27	msm	msm
14.851	3.432.517	7.516.757	4-B2	4,0	msm	19	msm	10,0	15.801	3.482.935	7.474.598	4-D4	6,0	14,0	30	msm	msm
14.852	3.432.062	7.516.153	4-B2	2,0	1,0	52	msm	5,0	15.802	3.482.512	7.474.927	4-D4	6,0	12,0	35	msm	msm
14.853	3.432.814	7.515.942	4-B2	3,0	1,0	26	msm	10,0	15.803	3.482.004	7.475.149	4-D4	5,0	8,0	20	msm	msm
14.854	3.425.809	7.524.106	4-B2	1,0	2,0	18	msm	5,0	15.804	3.481.242	7.475.265	4-D4	7,0	12,0	15	msm	msm
14.855	3.426.148	7.525.229	4-B2	8,0	7,0	26	msm	5,0	15.806	3.480.840	7.474.883	4-D4	7,0	6,0	15	msm	msm
14.856	3.423.904	7.524.412	4-B2	2,0	11,0	24	12	ND	15.807	3.481.454	7.474.757	4-D4	6,0	5,0	15	msm	msm
14.857	3.424.782	7.525.091	4-B2	1,0	11,0	20	14	5,0	15.808	3.482.089	7.474.799	4-D4	5,0	8,0	20	msm	msm
14.858	3.423.608	7.526.552	4-B2	msm	8,0	13	msm	ND	15.809	3.482.444	7.474.471	4-D4	5,0	5,0	20	msm	msm
14.859	3.424.994	7.525.875	4-B2	1,0	9,0	15	msm	ND	15.810	3.482.808	7.474.461	4-D4	6,0	5,0	15	msm	msm
14.860	3.426.360	7.526.214	4-B2	2,0	11,0	13	msm	14,0	15.811	3.483.348	7.474.800	4-D4	5,0	8,0	30	msm	msm
14.861	3.427.111	7.526.342	4-B2	3,0	8,0	19	msm	ND	15.812	3.484.184	7.475.531	4-D4	5,0	12,0	20	msm	msm
14.862	3.428.286	7.525.993	4-B2	1,0	18,0	19	10	5,0	15.815	3.483.962	7.476.050	4-D4	6,0	3,0	20	msm	msm
14.863	3.429.302	7.526.057	4-B2	1,0	3,0	15	msm	ND	15.816	3.483.888	7.476.569	4-D4	6,0	10,0	55	msm	msm
14.864	3.429.535	7.526.650	4-B2	2,0	9,0	22	msm	ND	15.817	3.483.571	7.477.056	4-D4	4,0	15,0	125	msm	msm
14.865	3.429.969	7.526.227	4-B2	1,0	7,0	18	msm	ND	15.818	3.483.397	7.477.480	4-D4	5,0	9,0	125	msm	msm
14.866	3.430.603	7.526.089	4-B2	1,0	6,0	15	msm	ND	15.819	3.483.190	7.477.893	4-D4	5,0	7,0	75	msm	msm
14.867	3.431.228	7.525.676	4-B2	1,0	3,0	15	msm	ND	15.820	3.482.809	7.477.999	4-D4	5,0	1,0	70	msm	msm
14.868	3.428.719	7.521.480	4-B2	1,0	10,0	16	msm	ND	15.821	3.486.787	7.472.090	4-D4	6,0	43,0	125	msm	msm
14.869	3.429.534	7.521.788	4-B2	2,0	12,0	23	9	5,0	15.827	3.487.390	7.471.041	4-D4	5,0	8,0	20	msm	msm
14.870	3.430.307	7.522.328	4-B2	msm	10,0	13	11	ND	15.828	3.487.676	7.470.671	4-D4	7,0	39,0	20	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
15.829	3.487.877	7.471.052	4-D4	6,0	17,0	15	msm	msm	15.885	3.484.491	7.477.862	4-D4	6,0	9,0	20	msm	msm
15.830	3.488.057	7.471.571	4-D4	7,0	42,0	15	msm	msm	15.886	3.484.386	7.477.480	4-D4	4,0	14,0	20	msm	msm
15.831	3.487.358	7.471.867	4-D4	7,0	27,0	10	msm	msm	15.888	3.484.375	7.476.622	4-D4	3,0	6,0	30	msm	msm
15.832	3.487.401	7.472.334	4-D4	7,0	11,0	20	msm	msm	15.889	3.484.339	7.476.104	4-D4	5,0	8,0	40	msm	msm
15.834	3.486.607	7.470.119	4-D4	4,0	4,0	60	msm	msm	15.891	3.484.646	7.475.839	4-D4	4,0	1,0	55	msm	msm
15.835	3.487.030	7.470.289	4-D4	8,0	20,0	45	msm	msm	15.892	3.484.967	7.475.669	4-D4	5,0	2,0	75	msm	msm
15.836	3.486.723	7.470.765	4-D4	5,0	3,0	60	msm	msm	15.893	3.485.200	7.476.845	4-D4	3,0	3,0	20	msm	msm
15.837	3.487.104	7.470.522	4-D4	4,0	79,0	125	msm	msm	15.894	3.485.804	7.476.623	4-D4	4,0	msm	30	msm	msm
15.840	3.486.783	7.471.348	4-D4	4,0	13,0	140	msm	msm	15.895	3.485.243	7.476.019	4-D4	5,0	2,0	30	msm	msm
15.841	3.486.723	7.471.666	4-D4	5,0	36,0	200	msm	msm	15.896	3.485.200	7.475.383	4-D4	5,0	5,0	40	msm	msm
15.842	3.486.999	7.471.793	4-D4	10,0	48,0	260	msm	msm	15.897	3.481.719	7.476.070	4-D4	6,0	6,0	45	msm	msm
15.843	3.486.258	7.472.100	4-D4	5,0	25,0	175	msm	msm	15.898	3.482.205	7.476.145	4-D4	5,0	msm	65	msm	msm
15.844	3.485.972	7.471.718	4-D4	5,0	12,0	85	msm	msm	15.899	3.482.988	7.476.145	4-D4	6,0	5,0	75	msm	msm
15.845	3.485.792	7.472.132	4-D4	7,0	19,0	275	msm	msm	15.900	3.483.327	7.475.817	4-D4	4,0	10,0	20	msm	msm
15.846	3.485.633	7.471.665	4-D4	4,0	14,0	60	msm	msm	15.901	3.483.338	7.475.425	4-D4	3,0	3,0	45	msm	msm
15.847	3.485.263	7.472.470	4-D4	5,0	29,0	175	msm	msm	15.902	3.483.327	7.475.022	4-D4	3,0	9,0	30	msm	msm
15.848	3.484.787	7.473.053	4-D4	6,0	24,0	10	msm	msm	15.903	3.483.549	7.475.075	4-D4	3,0	6,0	30	msm	msm
15.849	3.484.216	7.473.667	4-D4	5,0	23,0	95	msm	msm	15.904	3.483.877	7.475.203	4-D4	3,0	8,0	25	msm	msm
15.850	3.484.067	7.470.902	4-D4	2,0	12,0	70	msm	msm	15.905	3.478.881	7.468.982	4-D4	6,0	7,0	55	msm	msm
15.851	3.484.056	7.470.277	4-D4	1,0	8,0	45	msm	msm	15.906	3.479.294	7.468.866	4-D4	4,0	3,0	65	msm	msm
15.852	3.483.993	7.469.906	4-D4	2,0	4,0	20	msm	msm	15.907	3.479.156	7.469.205	4-D4	4,0	9,0	75	msm	msm
15.853	3.483.823	7.469.546	4-D4	2,0	5,0	25	msm	msm	15.908	3.478.796	7.469.364	4-D4	4,0	7,0	55	msm	msm
15.856	3.483.950	7.468.932	4-D4	2,0	4,0	25	msm	msm	15.909	3.479.304	7.469.533	4-D4	4,0	9,0	40	msm	msm
15.857	3.484.765	7.468.720	4-D4	4,0	13,0	85	msm	msm	15.910	3.479.580	7.469.872	4-D4	4,0	7,0	65	msm	msm
15.858	3.484.782	7.469.536	4-D4	2,0	8,0	25	msm	msm	15.911	3.480.331	7.469.767	4-D4	3,0	7,0	20	msm	msm
15.859	3.484.617	7.470.076	4-D4	2,0	7,0	20	msm	msm	15.912	3.480.225	7.470.074	4-D4	4,0	6,0	20	msm	msm
15.860	3.484.437	7.470.711	4-D4	2,0	9,0	100	msm	msm	15.913	3.480.532	7.470.000	4-D4	5,0	3,0	40	msm	msm
15.861	3.484.105	7.471.336	4-D4	6,0	8,0	190	msm	msm	15.914	3.480.337	7.470.307	4-D4	4,0	7,0	20	msm	msm
15.862	3.483.697	7.471.527	4-D4	4,0	3,0	20	msm	msm	15.915	3.480.172	7.470.657	4-D4	2,0	2,0	30	msm	msm
15.863	3.483.506	7.472.088	4-D4	5,0	4,0	5	msm	msm	15.916	3.480.564	7.470.741	4-D4	4,0	5,0	60	msm	msm
15.864	3.483.453	7.472.565	4-D4	14,0	5,0	20	msm	msm	15.917	3.480.882	7.470.932	4-D4	4,0	2,0	20	msm	msm
15.865	3.483.062	7.473.073	4-D4	4,0	2,0	10	msm	msm	15.918	3.480.649	7.471.208	4-D4	4,0	1,0	20	msm	msm
15.866	3.481.093	7.468.856	4-D4	5,0	1,0	10	msm	msm	15.919	3.480.755	7.471.504	4-D4	4,0	4,0	75	msm	msm
15.867	3.481.537	7.468.941	4-D4	5,0	2,0	15	msm	msm	15.920	3.481.396	7.471.219	4-D4	4,0	5,0	30	msm	msm
15.868	3.481.686	7.469.280	4-D4	5,0	2,0	10	msm	msm	15.921	3.481.019	7.471.621	4-D4	3,0	3,0	20	msm	msm
15.869	3.482.014	7.469.143	4-D4	7,0	3,0	20	msm	msm	15.922	3.477.156	7.469.839	4-D4	5,0	1,0	30	msm	msm
15.870	3.481.929	7.469.619	4-D4	5,0	4,0	10	msm	msm	15.923	3.476.680	7.469.278	4-D4	3,0	2,0	40	msm	msm
15.871	3.482.098	7.470.064	4-D4	5,0	1,0	15	msm	msm	15.924	3.476.024	7.468.610	4-D4	3,0	4,0	15	msm	msm
15.872	3.482.723	7.469.567	4-D4	6,0	6,0	20	msm	msm	15.926	3.475.272	7.467.868	4-D4	5,0	2,0	60	msm	msm
15.873	3.482.363	7.470.340	4-D4	5,0	4,0	20	msm	msm	15.928	3.474.288	7.467.359	4-D4	3,0	3,0	10	msm	msm
15.874	3.482.680	7.469.948	4-D4	4,0	15,0	20	msm	msm	15.929	3.474.500	7.468.461	4-D4	4,0	1,0	30	msm	msm
15.875	3.482.517	7.470.531	4-D4	4,0	12,0	15	msm	msm	15.930	3.473.896	7.467.857	4-D4	2,0	4,0	20	msm	msm
15.876	3.482.882	7.470.192	4-D4	5,0	11,0	20	msm	msm	15.934	3.487.116	7.478.806	4-D4	5,0	5,0	60	msm	msm
15.877	3.482.532	7.470.848	4-D4	5,0	5,0	30	msm	msm	15.935	3.487.613	7.478.245	4-D4	4,0	2,0	35	msm	msm
15.878	3.482.194	7.470.975	4-D4	4,0	15,0	10	msm	msm	15.936	3.487.211	7.478.202	4-D4	4,0	2,0	30	msm	msm
15.879	3.482.056	7.471.261	4-D4	4,0	15,0	15	msm	msm	15.937	3.487.254	7.477.990	4-D4	5,0	4,0	65	msm	msm
15.880	3.481.654	7.471.441	4-D4	4,0	12,0	15	msm	msm	15.938	3.487.652	7.477.768	4-D4	4,0	4,0	70	msm	msm
15.881	3.485.021	7.478.964	4-D4	6,0	10,0	15	msm	msm	15.939	3.486.820	7.477.852	4-D4	5,0	4,0	60	msm	msm
15.882	3.484.445	7.478.604	4-D4	5,0	10,0	15	msm	msm	15.941	3.487.963	7.477.524	4-D4	5,0	8,0	36	msm	msm
15.883	3.484.682	7.478.317	4-D4	7,0	9,0	20	msm	msm	15.942	3.488.449	7.476.995	4-D4	5,0	7,0	29	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
15.944	3.487.000	7.480.140	4-D4	3,0	10,0	37	msm	msm	15.998	3.495.423	7.476.034	4-D4	6,0	25,0	22	msm	msm
15.945	3.486.958	7.479.791	4-D4	5,0	4,0	39	msm	msm	15.999	3.495.582	7.474.774	4-D4	5,0	14,0	20	msm	msm
15.946	3.487.455	7.479.685	4-D4	4,0	7,0	35	msm	msm	16.000	3.495.762	7.475.219	4-D4	6,0	19,0	20	msm	msm
15.947	3.487.698	7.479.887	4-D4	4,0	4,0	32	msm	msm	16.001	3.496.016	7.475.611	4-D4	5,0	20,0	23	msm	msm
15.948	3.487.772	7.479.410	4-D4	5,0	2,0	37	msm	msm	16.002	3.495.899	7.476.056	4-D4	5,0	12,0	21	msm	msm
15.949	3.488.344	7.479.378	4-D4	7,0	11,0	24	msm	msm	16.003	3.495.783	7.476.448	4-D4	5,0	22,0	18	msm	msm
15.950	3.488.291	7.479.039	4-D4	5,0	3,0	28	msm	msm	16.004	3.495.917	7.476.946	4-D4	4,0	21,0	17	msm	msm
15.951	3.488.037	7.478.912	4-D4	6,0	10,0	38	msm	msm	16.005	3.479.400	7.471.768	4-D4	4,0	8,0	53	msm	msm
15.952	3.489.127	7.478.807	4-D4	4,0	5,0	41	msm	msm	16.006	3.480.744	7.473.591	4-D4	5,0	msm	43	msm	msm
15.953	3.489.243	7.478.277	4-D4	4,0	9,0	27	msm	msm	16.007	3.481.528	7.473.666	4-D4	6,0	1,0	52	msm	msm
15.954	3.489.063	7.478.150	4-D4	5,0	14,0	39	msm	msm	16.008	3.482.406	7.473.920	4-D4	5,0	2,0	28	msm	msm
15.955	3.489.487	7.477.726	4-D4	4,0	7,0	32	msm	msm	16.009	3.481.273	7.471.780	4-D4	3,0	3,0	24	msm	msm
15.957	3.489.758	7.479.803	4-D4	5,0	5,0	29	msm	msm	16.010	3.481.623	7.471.950	4-D4	3,0	1,0	22	msm	msm
15.958	3.490.291	7.478.807	4-D4	5,0	10,0	21	msm	msm	16.011	3.481.771	7.472.575	4-D4	4,0	3,0	56	msm	msm
15.959	3.490.249	7.477.864	4-D4	4,0	6,0	22	msm	msm	16.012	3.483.326	7.470.870	4-D4	4,0	2,0	68	msm	msm
15.960	3.491.487	7.477.632	4-D4	4,0	9,0	62	msm	msm	16.013	3.482.512	7.472.384	4-D4	4,0	6,0	25	msm	msm
15.961	3.490.693	7.477.515	4-D4	4,0	8,0	40	msm	msm	16.014	3.482.734	7.473.486	4-D4	3,0	msm	22	msm	msm
15.962	3.490.079	7.477.197	4-D4	4,0	5,0	31	msm	msm	16.015	3.484.607	7.475.394	4-D4	4,0	8,0	31	msm	msm
15.964	3.489.740	7.477.186	4-D4	5,0	7,0	33	msm	msm	16.016	3.484.480	7.474.324	4-D4	8,0	17,0	110	msm	msm
15.965	3.489.624	7.476.805	4-D4	4,0	8,0	48	msm	msm	16.017	3.484.935	7.474.875	4-D4	6,0	18,0	120	msm	msm
15.966	3.489.592	7.475.205	4-D4	5,0	7,0	36	msm	msm	16.018	3.485.496	7.475.553	4-D4	3,0	7,0	40	msm	msm
15.967	3.490.015	7.475.725	4-D4	4,0	1,0	24	msm	msm	16.019	3.486.862	7.476.104	4-D4	4,0	1,0	10	msm	msm
15.968	3.488.936	7.473.817	4-D4	4,0	7,0	29	msm	msm	16.020	3.487.899	7.476.370	4-D4	4,0	6,0	40	msm	msm
15.969	3.489.338	7.474.040	4-D4	5,0	17,0	30	msm	msm	16.021	3.489.624	7.476.455	4-D4	5,0	5,0	20	msm	msm
15.970	3.489.856	7.474.379	4-D4	5,0	4,0	32	msm	msm	16.022	3.490.693	7.476.138	4-D4	3,0	10,0	22	msm	msm
15.971	3.490.333	7.475.121	4-D4	6,0	8,0	39	msm	msm	16.023	3.491.846	7.476.033	4-D4	6,0	5,0	40	msm	msm
15.972	3.490.608	7.475.481	4-D4	7,0	9,0	36	msm	msm	16.024	3.493.688	7.476.658	4-D4	4,0	4,0	10	msm	msm
15.973	3.490.799	7.475.894	4-D4	6,0	9,0	30	msm	msm	16.025	3.494.937	7.477.125	4-D4	5,0	1,0	20	msm	msm
15.974	3.492.936	7.474.730	4-D4	7,0	3,0	25	msm	msm	16.026	3.496.408	7.477.497	4-D4	4,0	2,0	10	msm	msm
15.975	3.492.174	7.474.624	4-D4	6,0	5,0	39	msm	msm	16.027	3.497.699	7.477.720	4-D4	5,0	3,0	30	msm	msm
15.976	3.490.946	7.472.971	4-D4	5,0	6,0	20	msm	msm	16.028	3.499.307	7.477.837	4-D4	3,0	6,0	10	msm	msm
15.977	3.490.650	7.473.574	4-D4	7,0	3,0	23	msm	msm	16.029	3.497.454	7.472.010	4-D4	5,0	5,0	10	msm	msm
15.978	3.491.433	7.474.571	4-D4	5,0	5,0	21	msm	msm	16.033	3.498.142	7.472.826	4-D4	4,0	10,0	10	msm	msm
15.979	3.492.291	7.475.143	4-D4	4,0	8,0	47	msm	msm	16.034	3.497.391	7.473.408	4-D4	5,0	10,0	10	msm	msm
15.980	3.494.090	7.477.930	4-D4	4,0	msm	25	msm	msm	16.035	3.497.751	7.474.012	4-D4	4,0	6,0	12	msm	msm
15.981	3.494.069	7.478.396	4-D4	3,0	8,0	19	msm	msm	16.037	3.495.974	7.478.757	4-D4	5,0	7,0	10	msm	msm
15.982	3.492.958	7.478.088	4-D4	5,0	2,0	25	msm	msm	16.038	3.496.725	7.478.355	4-D4	4,0	5,0	10	msm	msm
15.983	3.492.513	7.477.971	4-D4	4,0	1,0	25	msm	msm	16.039	3.498.186	7.478.504	4-D4	4,0	5,0	20	msm	msm
15.984	3.493.561	7.477.686	4-D4	4,0	2,0	21	msm	msm	16.040	3.498.017	7.479.012	4-D4	5,0	4,0	10	msm	msm
15.985	3.494.249	7.477.496	4-D4	4,0	5,0	23	msm	msm	16.041	3.497.339	7.480.230	4-D4	5,0	10,0	20	msm	msm
15.987	3.493.401	7.473.110	4-D4	6,0	7,0	26	msm	msm	16.042	3.498.059	7.480.040	4-D4	3,0	9,0	30	msm	msm
15.988	3.492.428	7.472.410	4-D4	6,0	3,0	27	msm	msm	16.043	3.498.578	7.479.627	4-D4	6,0	7,0	10	msm	msm
15.990	3.492.512	7.473.067	4-D4	5,0	4,0	35	msm	msm	16.044	3.496.250	7.481.532	4-D4	5,0	25,0	40	msm	msm
15.991	3.493.412	7.473.819	4-D4	6,0	6,0	24	msm	msm	16.045	3.496.726	7.481.024	4-D4	3,0	23,0	30	msm	msm
15.992	3.494.312	7.474.106	4-D4	7,0	8,0	37	msm	msm	16.046	3.497.033	7.481.872	4-D4	4,0	12,0	30	msm	msm
15.993	3.494.090	7.474.709	4-D4	7,0	23,0	22	msm	msm	16.048	3.495.805	7.482.528	4-D4	3,0	23,0	40	msm	msm
15.994	3.494.619	7.474.720	4-D4	7,0	15,0	25	msm	msm	16.049	3.494.969	7.482.051	4-D4	3,0	17,0	40	msm	msm
15.995	3.494.619	7.475.081	4-D4	5,0	26,0	22	msm	msm	16.050	3.493.953	7.481.500	4-D4	6,0	13,0	20	msm	msm
15.996	3.495.148	7.475.017	4-D4	6,0	14,0	21	msm	msm	16.051	3.493.022	7.480.906	4-D4	7,0	130,0	60	msm	msm
15.997	3.495.698	7.475.526	4-D4	7,0	10,0	23	msm	msm	16.052	3.494.630	7.480.970	4-D4	5,0	16,0	20	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
16.053	3.491.191	7.480.418	4-D4	6,0	19,0	50	msm	msm	16.112	3.497.816	7.482.900	4-D4	4,0	17,0	40	msm	msm
16.054	3.491.053	7.480.831	4-D4	8,0	14,0	80	msm	msm	16.113	3.499.146	7.481.662	4-D4	9,0	14,0	34	msm	msm
16.055	3.491.678	7.480.958	4-D4	6,0	13,0	20	msm	msm	16.114	3.407.098	7.468.613	4-D1	msm	14,0	25	msm	msm
16.056	3.491.424	7.481.414	4-D4	24,0	20,0	130	msm	msm	16.115	3.407.998	7.469.800	4-D1	1,0	16,0	20	msm	msm
16.059	3.492.249	7.481.668	4-D4	9,0	6,0	60	msm	msm	16.116	3.408.516	7.468.402	4-D1	msm	10,0	30	msm	msm
16.060	3.492.895	7.482.272	4-D4	8,0	20,0	20	msm	msm	16.117	3.409.342	7.467.862	4-D1	msm	11,0	25	msm	msm
16.062	3.487.233	7.482.768	4-D4	8,0	11,0	200	msm	msm	16.118	3.408.812	7.467.067	4-D1	2,0	11,0	16	msm	msm
16.063	3.486.969	7.483.308	4-D4	10,0	16,0	40	msm	msm	16.119	3.409.818	7.467.364	4-D1	2,0	14,0	19	msm	msm
16.064	3.487.816	7.483.488	4-D4	9,0	6,0	20	msm	msm	16.120	3.410.442	7.467.142	4-D1	2,0	15,0	41	msm	msm
16.065	3.488.446	7.482.388	4-D4	18,0	14,0	70	msm	msm	16.121	3.411.247	7.467.079	4-D1	1,0	18,0	23	msm	msm
16.066	3.487.900	7.482.630	4-D4	6,0	13,0	10	msm	msm	16.122	3.412.040	7.466.761	4-D1	2,0	13,0	25	msm	msm
16.067	3.488.472	7.483.065	4-D4	15,0	13,0	60	msm	msm	16.123	3.412.580	7.467.005	4-D1	2,0	8,0	27	msm	msm
16.068	3.488.313	7.483.806	4-D4	9,0	39,0	20	msm	msm	16.124	3.413.300	7.467.037	4-D1	msm	17,0	37	msm	msm
16.069	3.488.207	7.484.293	4-D4	5,0	15,0	30	msm	msm	16.125	3.413.194	7.466.635	4-D1	15,0	5,0	47	msm	msm
16.070	3.489.001	7.484.199	4-D4	8,0	26,0	20	msm	msm	16.127	3.413.533	7.467.556	4-D1	9,0	13,0	620	msm	msm
16.071	3.489.012	7.484.813	4-D4	22,0	15,0	90	msm	msm	16.128	3.414.168	7.467.440	4-D1	1,0	16,0	254	msm	msm
16.072	3.489.043	7.483.584	4-D4	23,0	14,0	110	msm	msm	16.129	3.411.987	7.461.263	4-D1	1,0	17,0	69	msm	msm
16.073	3.489.657	7.482.366	4-D4	28,0	24,0	120	msm	msm	16.130	3.411.510	7.462.290	4-D1	msm	15,0	50	msm	msm
16.074	3.489.445	7.483.161	4-D4	26,0	23,0	130	msm	msm	16.131	3.412.294	7.462.195	4-D1	msm	12,0	37	msm	msm
16.075	3.489.308	7.484.707	4-D4	15,0	11,0	30	msm	msm	16.132	3.412.622	7.462.481	4-D1	1,0	16,0	39	msm	msm
16.076	3.489.509	7.485.332	4-D4	15,0	20,0	30	msm	msm	16.133	3.412.823	7.463.276	4-D1	msm	16,0	40	msm	msm
16.077	3.489.911	7.484.538	4-D4	10,0	8,0	20	msm	msm	16.134	3.413.141	7.464.219	4-D1	1,0	15,0	29	msm	msm
16.078	3.490.027	7.483.987	4-D4	14,0	12,0	110	msm	msm	16.135	3.413.268	7.463.001	4-D1	msm	22,0	140	msm	msm
16.079	3.489.996	7.485.015	4-D4	16,0	23,0	30	msm	msm	16.136	3.414.273	7.464.781	4-D1	3,0	9,0	50	msm	msm
16.080	3.490.419	7.484.824	4-D4	10,0	12,0	20	msm	msm	16.137	3.413.178	7.465.215	4-D1	1,0	9,0	37	msm	msm
16.083	3.491.223	7.485.142	4-D4	21,0	12,0	60	msm	msm	16.138	3.412.305	7.463.890	4-D1	2,0	10,0	67	msm	msm
16.084	3.491.340	7.484.729	4-D4	12,0	33,0	70	msm	msm	16.139	3.413.353	7.465.522	4-D1	1,0	14,0	35	msm	msm
16.085	3.490.891	7.484.306	4-D4	21,0	13,0	120	msm	msm	16.140	3.413.660	7.465.713	4-D1	2,0	3,0	20	msm	msm
16.086	3.491.308	7.484.062	4-D4	10,0	17,0	60	msm	msm	16.141	3.413.205	7.465.967	4-D1	5,0	3,0	30	msm	msm
16.087	3.491.699	7.483.543	4-D4	14,0	15,0	130	msm	msm	16.142	3.414.020	7.466.148	4-D1	5,0	6,0	21	msm	msm
16.089	3.492.112	7.483.840	4-D4	26,0	20,0	110	msm	msm	16.143	3.413.956	7.466.476	4-D1	2,0	2,0	18	msm	msm
16.090	3.491.911	7.482.939	4-D4	15,0	10,0	20	msm	msm	16.144	3.414.485	7.466.233	4-D1	2,0	3,0	19	msm	msm
16.091	3.492.609	7.483.395	4-D4	15,0	7,0	40	msm	msm	16.145	3.414.189	7.466.847	4-D1	1,0	2,0	18	msm	msm
16.092	3.492.377	7.482.918	4-D4	12,0	8,0	20	msm	msm	16.146	3.414.919	7.466.794	4-D1	4,0	msm	21	msm	msm
16.093	3.492.884	7.482.452	4-D4	17,0	17,0	40	msm	msm	16.147	3.414.464	7.467.271	4-D1	msm	msm	16	msm	msm
16.094	3.493.583	7.482.400	4-D4	9,0	16,0	10	msm	msm	16.151	3.414.020	7.469.421	4-D1	1,0	1,0	27	msm	msm
16.095	3.494.112	7.483.820	4-D4	14,0	30,0	30	msm	msm	16.153	3.414.412	7.469.104	4-D1	6,0	4,0	35	msm	msm
16.096	3.493.594	7.483.533	4-D4	8,0	18,0	10	msm	msm	16.154	3.413.459	7.468.287	4-D1	4,0	m.s.m.	30	msm	msm
16.097	3.494.483	7.483.777	4-D4	11,0	10,0	40	msm	msm	16.155	3.413.639	7.468.574	4-D1	3,0	3,0	29	msm	msm
16.098	3.495.255	7.483.704	4-D4	10,0	24,0	49	msm	msm	16.156	3.414.348	7.467.748	4-D1	msm	msm	18	msm	msm
16.099	3.495.096	7.483.068	4-D4	12,0	21,0	72	msm	msm	16.159	3.414.687	7.467.716	4-D1	1,0	1,0	22	msm	msm
16.100	3.495.975	7.483.916	4-D4	14,0	17,0	50	msm	msm	16.160	3.414.877	7.467.790	4-D1	msm	2,0	15	msm	msm
16.101	3.497.711	7.485.495	4-D4	8,0	15,0	42	msm	msm	16.161	3.415.237	7.468.140	4-D1	msm	msm	16	msm	msm
16.102	3.497.986	7.486.501	4-D4	10,0	22,0	51	msm	msm	16.163	3.414.973	7.468.670	4-D1	1,0	msm	24	msm	msm
16.103	3.497.637	7.486.162	4-D4	13,0	11,0	63	msm	msm	16.164	3.415.978	7.468.967	4-D1	1,0	1,0	21	msm	msm
16.104	3.497.288	7.486.268	4-D4	15,0	14,0	47	msm	msm	16.165	3.415.729	7.468.596	4-D1	msm	1,0	25	msm	msm
16.105	3.496.896	7.486.776	4-D4	11,0	13,0	50	msm	msm	16.166	3.416.073	7.468.109	4-D1	msm	msm	21	msm	msm
16.106	3.496.092	7.486.331	4-D4	9,0	21,0	54	msm	msm	16.167	3.416.444	7.467.674	4-D1	1,0	1,0	24	msm	msm
16.110	3.496.472	7.484.456	4-D4	9,0	16,0	46	msm	msm	16.168	3.417.163	7.468.321	4-D1	msm	msm	22	msm	msm
16.111	3.497.075	7.483.387	4-D4	8,0	22,0	56	msm	msm	16.169	3.417.216	7.468.904	4-D1	6,0	4,0	46	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
16.170	3.418.338	7.468.385	4-D1	1,0	6,0	28	msm	msm	16.763	3.420.497	7.464.964	4-D1	7,0	15,0	29	msm	msm
16.171	3.419.058	7.467.887	4-D1	1,0	2,0	21	msm	msm	16.764	3.420.275	7.465.642	4-D1	2,0	11,0	16	msm	msm
16.172	3.419.375	7.467.379	4-D1	1,0	3,0	19	msm	msm	16.765	3.420.592	7.466.447	4-D1	3,0	13,0	17	msm	msm
16.173	3.419.248	7.466.754	4-D1	msm	4,0	12	msm	msm	16.767	3.406.156	7.466.695	4-D1	5,0	15,0	36	msm	msm
16.174	3.420.423	7.466.903	4-D1	1,0	3,0	19	msm	msm	16.768	3.405.319	7.465.773	4-D1	6,0	13,0	31	msm	msm
16.175	3.420.920	7.466.543	4-D1	msm	2,0	19	msm	msm	16.770	3.404.727	7.464.936	4-D1	7,0	19,0	39	msm	msm
16.176	3.421.778	7.466.331	4-D1	2,0	5,0	18	msm	msm	16.771	3.403.848	7.466.620	4-D1	7,0	18,0	38	msm	msm
16.177	3.422.137	7.465.929	4-D1	2,0	9,0	19	msm	msm	16.772	3.404.600	7.467.266	4-D1	8,0	21,0	35	msm	msm
16.178	3.422.328	7.465.177	4-D1	1,0	11,0	14	msm	msm	16.773	3.406.008	7.467.691	4-D1	8,0	12,0	34	msm	msm
16.179	3.422.444	7.464.361	4-D1	msm	9,0	12	msm	msm	16.774	3.405.489	7.467.913	4-D1	10,0	13,0	14	msm	msm
16.180	3.422.698	7.463.683	4-D1	msm	10,0	19	msm	msm	16.775	3.405.648	7.468.994	4-D1	8,0	14,0	27	msm	msm
16.701	3.407.733	7.466.018	4-D1	5,0	24,0	34	msm	msm	16.776	3.406.346	7.467.776	4-D1	12,0	1,0	44	msm	msm
16.702	3.409.013	7.465.902	4-D1	3,0	16,0	29	msm	msm	16.777	3.422.583	7.471.883	4-D1	14,0	17,0	47	msm	msm
16.703	3.410.389	7.464.154	4-D1	3,0	19,0	14	msm	msm	16.778	3.421.884	7.471.639	4-D1	13,0	20,0	46	msm	msm
16.704	3.409.288	7.464.970	4-D1	4,0	31,0	16	msm	msm	16.779	3.421.186	7.471.194	4-D1	14,0	94,0	48	msm	msm
16.706	3.410.188	7.466.782	4-D1	3,0	25,0	27	msm	msm	16.780	3.420.752	7.470.982	4-D1	13,0	20,0	37	msm	msm
16.707	3.411.691	7.466.443	4-D1	4,0	26,0	20	msm	msm	16.781	3.420.223	7.470.590	4-D1	13,0	10,0	40	msm	msm
16.709	3.411.490	7.466.083	4-D1	7,0	23,0	37	msm	msm	16.782	3.420.424	7.470.304	4-D1	12,0	16,0	34	msm	msm
16.712	3.410.707	7.467.735	4-D1	11,0	11,0	46	msm	msm	16.783	3.420.381	7.469.912	4-D1	11,0	14,0	40	msm	msm
16.727	3.411.582	7.470.911	4-D1	9,0	6,0	29	msm	msm	16.784	3.419.873	7.469.286	4-D1	7,0	22,0	14	msm	msm
16.728	3.413.047	7.470.819	4-D1	6,0	14,0	23	msm	msm	16.785	3.419.778	7.468.746	4-D1	3,0	10,0	5	msm	msm
16.729	3.411.840	7.469.886	4-D1	3,0	13,0	24	msm	msm	16.786	3.418.984	7.471.956	4-D1	4,0	11,0	14	msm	msm
16.730	3.412.178	7.469.081	4-D1	7,0	42,0	10	msm	msm	16.787	3.419.376	7.471.468	4-D1	3,0	13,0	19	msm	msm
16.732	3.413.406	7.470.014	4-D1	13,0	13,0	39	msm	msm	16.788	3.419.672	7.470.844	4-D1	4,0	19,0	19	msm	msm
16.733	3.411.194	7.469.770	4-D1	10,0	6,0	40	msm	msm	16.789	3.419.598	7.470.017	4-D1	2,0	19,0	37	msm	msm
16.734	3.411.522	7.468.890	4-D1	8,0	9,0	41	msm	msm	16.790	3.419.852	7.469.805	4-D1	4,0	22,0	16	msm	msm
16.735	3.412.051	7.468.128	4-D1	10,0	25,0	57	msm	msm	16.791	3.420.000	7.468.057	4-D1	8,0	114,0	26	msm	msm
16.737	3.412.665	7.467.969	4-D1	10,0	27,0	36	msm	msm	16.792	3.420.455	7.467.697	4-D1	6,0	34,0	21	msm	msm
16.738	3.412.326	7.467.704	4-D1	9,0	18,0	31	msm	msm	16.793	3.420.772	7.467.168	4-D1	6,0	22,0	24	msm	msm
16.739	3.411.861	7.467.704	4-D1	7,0	12,0	32	msm	msm	16.794	3.420.920	7.466.924	4-D1	16,0	535,0	80	msm	msm
16.740	3.410.930	7.470.522	4-D1	5,0	14,0	40	msm	msm	16.795	3.421.936	7.466.384	4-D1	9,0	23,0	37	msm	msm
16.741	3.412.549	7.468.255	4-D1	5,0	9,0	46	msm	msm	16.801	3.431.220	7.474.144	4-D2	5,0	8,0	25	msm	msm
16.744	3.418.274	7.462.728	4-D1	4,0	3,0	16	msm	msm	16.802	3.430.998	7.474.028	4-D2	37,0	37,0	24	msm	msm
16.745	3.418.993	7.462.294	4-D1	6,0	9,0	24	msm	msm	16.803	3.430.818	7.474.144	4-D2	25,0	21,0	27	msm	msm
16.746	3.419.480	7.462.485	4-D1	4,0	21,0	26	msm	msm	16.804	3.430.765	7.473.847	4-D2	16,0	14,0	33	msm	msm
16.747	3.419.956	7.462.199	4-D1	7,0	15,0	22	msm	msm	16.805	3.430.553	7.473.794	4-D2	40,0	35,0	25	msm	msm
16.748	3.420.105	7.463.184	4-D1	5,0	8,0	21	msm	msm	16.806	3.430.257	7.473.741	4-D2	9,0	7,0	26	msm	msm
16.750	3.420.581	7.464.170	4-D1	5,0	18,0	20	msm	msm	16.807	3.430.035	7.473.731	4-D2	27,0	25,0	32	msm	msm
16.751	3.403.807	7.473.644	4-D1	7,0	19,0	19	msm	msm	16.808	3.429.844	7.473.709	4-D2	8,0	6,0	29	msm	msm
16.752	3.402.886	7.473.018	4-D1	6,0	20,0	41	msm	msm	16.809	3.429.643	7.473.624	4-D2	9,0	14,0	29	msm	msm
16.753	3.403.288	7.472.319	4-D1	4,0	23,0	33	msm	msm	16.810	3.429.537	7.473.370	4-D2	13,0	17,0	41	msm	msm
16.754	3.404.823	7.472.765	4-D1	5,0	8,0	27	msm	msm	16.811	3.429.389	7.473.561	4-D2	13,0	23,0	33	msm	msm
16.755	3.405.850	7.471.822	4-D1	4,0	22,0	30	msm	msm	16.812	3.429.262	7.473.645	4-D2	11,0	16,0	44	msm	msm
16.756	3.407.691	7.471.124	4-D1	4,0	9,0	34	msm	msm	16.813	3.428.754	7.473.846	4-D2	9,0	9,0	40	msm	msm
16.757	3.409.670	7.470.892	4-D1	5,0	12,0	37	msm	msm	16.814	3.428.627	7.474.313	4-D2	24,0	18,0	46	msm	msm
16.758	3.409.195	7.473.710	4-D1	6,0	12,0	28	msm	msm	16.815	3.428.331	7.474.238	4-D2	11,0	19,0	34	msm	msm
16.759	3.408.390	7.472.745	4-D1	3,0	13,0	29	msm	msm	16.816	3.427.907	7.474.408	4-D2	16,0	29,0	47	msm	msm
16.760	3.410.486	7.472.609	4-D1	5,0	11,0	24	msm	msm	16.817	3.422.097	7.475.082	4-D1	12,0	15,0	32	msm	msm
16.761	3.420.962	7.463.375	4-D1	8,0	19,0	21	msm	msm	16.818	3.421.853	7.474.319	4-D1	4,0	15,0	26	msm	msm
16.762	3.420.825	7.464.392	4-D1	4,0	22,0	22	msm	msm	16.820	3.421.250	7.475.389	4-D1	4,0	2,0	19	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
16.821	3.421.229	7.474.690	4-D1	4,0	10,0	41	msm	msm	16.895	3.427.394	7.473.888	4-D2	9,0	26,0	37	msm	msm
16.823	3.421.588	7.473.610	4-D1	16,0	12,0	38	msm	msm	16.896	3.427.129	7.473.952	4-D2	14,0	19,0	45	msm	msm
16.824	3.421.789	7.473.175	4-D1	15,0	9,0	40	msm	msm	16.897	3.426.939	7.474.005	4-D2	14,0	18,0	40	msm	msm
16.825	3.421.800	7.472.614	4-D1	10,0	4,0	16	msm	msm	16.898	3.445.892	7.483.188	4-D2	12,0	4,0	7	msm	msm
16.827	3.422.498	7.472.582	4-D1	16,0	4,0	40	msm	msm	16.899	3.446.167	7.483.305	4-D2	8,0	7,0	17	msm	msm
16.828	3.422.784	7.472.953	4-D1	8,0	9,0	29	msm	msm	16.900	3.446.474	7.483.305	4-D2	10,0	33,0	49	msm	msm
16.829	3.423.134	7.473.271	4-D1	13,0	7,0	36	msm	msm	16.901	3.443.330	7.482.244	4-D2	13,0	4,0	37	msm	msm
16.830	3.425.812	7.474.089	4-D1	10,0	10,0	27	msm	msm	16.902	3.444.156	7.482.139	4-D2	12,0	3,0	36	msm	msm
16.831	3.426.447	7.473.983	4-D2	19,0	21,0	46	msm	msm	16.903	3.444.198	7.481.450	4-D2	15,0	2,0	41	msm	msm
16.832	3.427.965	7.469.312	4-D2	19,0	8,0	46	msm	msm	16.904	3.445.108	7.481.482	4-D2	6,0	10,0	21	msm	msm
16.833	3.427.806	7.468.771	4-D2	5,0	31,0	39	msm	msm	16.905	3.443.045	7.485.740	4-D2	11,0	17,0	28	msm	msm
16.835	3.427.562	7.467.870	4-D2	13,0	16,0	49	msm	msm	16.906	3.443.659	7.485.264	4-D2	14,0	15,0	35	msm	msm
16.836	3.427.202	7.467.224	4-D2	9,0	7,0	40	msm	msm	16.907	3.443.881	7.485.900	4-D2	14,0	10,0	36	msm	msm
16.837	3.427.149	7.467.054	4-D2	24,0	40,0	51	msm	msm	16.908	3.444.686	7.485.031	4-D2	14,0	8,0	36	msm	msm
16.838	3.425.466	7.467.213	4-D2	9,0	5,0	39	msm	msm	16.909	3.444.739	7.485.784	4-D2	10,0	5,0	29	msm	msm
16.839	3.426.017	7.466.906	4-D2	10,0	13,0	39	msm	msm	16.910	3.445.374	7.485.000	4-D2	8,0	12,0	27	msm	msm
16.840	3.426.556	7.467.054	4-D2	9,0	19,0	32	msm	msm	16.911	3.446.633	7.484.502	4-D2	11,0	10,0	37	msm	msm
16.841	3.427.075	7.466.864	4-D2	12,0	6,0	55	msm	msm	16.912	3.446.665	7.484.820	4-D2	11,0	11,0	43	msm	msm
16.842	3.426.567	7.466.079	4-D2	14,0	13,0	50	msm	msm	16.913	3.447.332	7.484.662	4-D2	11,0	5,0	40	msm	msm
16.843	3.426.768	7.465.253	4-D2	13,0	19,0	56	msm	msm	16.914	3.441.955	7.486.344	4-D2	8,0	3,0	37	msm	msm
16.844	3.426.842	7.464.480	4-D2	14,0	2,0	43	msm	msm	16.916	3.441.510	7.484.924	4-D2	9,0	msm	29	msm	msm
16.845	3.426.768	7.463.770	4-D2	16,0	16,0	60	msm	msm	16.917	3.430.088	7.476.538	4-D2	14,0	18,0	41	msm	msm
16.846	3.426.566	7.463.102	4-D2	12,0	26,0	50	msm	msm	16.918	3.429.792	7.476.602	4-D2	17,0	30,0	82	msm	msm
16.847	3.426.460	7.462.435	4-D2	9,0	15,0	53	msm	msm	16.921	3.439.139	7.483.662	4-D2	7,0	23,0	31	msm	msm
16.848	3.426.397	7.461.704	4-D2	10,0	9,0	34	msm	msm	16.922	3.439.679	7.484.022	4-D2	4,0	5,0	26	msm	msm
16.849	3.429.234	7.466.759	4-D2	14,0	39,0	50	msm	msm	16.923	3.440.377	7.483.822	4-D2	6,0	6,0	28	msm	msm
16.851	3.428.123	7.466.674	4-D2	12,0	31,0	60	msm	msm	16.924	3.430.660	7.478.117	4-D2	7,0	10,0	20	msm	msm
16.852	3.427.541	7.466.239	4-D2	18,0	21,0	64	msm	msm	16.925	3.429.898	7.478.159	4-D2	7,0	5,0	29	msm	msm
16.853	3.432.251	7.466.909	4-D2	15,0	25,0	50	msm	msm	16.926	3.429.411	7.477.883	4-D2	4,0	11,0	23	msm	msm
16.854	3.432.769	7.466.178	4-D2	14,0	15,0	44	msm	msm	16.927	3.442.505	7.484.320	4-D2	4,0	3,0	23	msm	msm
16.855	3.431.499	7.466.495	4-D2	18,0	26,0	56	msm	msm	16.928	3.442.886	7.483.325	4-D2	4,0	17,0	22	msm	msm
16.856	3.430.949	7.465.933	4-D2	10,0	25,0	34	msm	msm	16.929	3.428.860	7.477.533	4-D2	6,0	7,0	19	msm	msm
16.857	3.430.451	7.465.530	4-D2	11,0	27,0	40	msm	msm	16.930	3.430.871	7.475.988	4-D2	14,0	14,0	40	msm	msm
16.858	3.429.689	7.465.562	4-D2	13,0	24,0	46	msm	msm	16.931	3.430.384	7.476.369	4-D2	25,0	16,0	48	msm	msm
16.859	3.428.927	7.465.519	4-D2	16,0	16,0	52	msm	msm	16.932	3.429.390	7.476.633	4-D2	10,0	3,0	36	msm	msm
16.860	3.427.752	7.465.911	4-D2	14,0	18,0	50	msm	msm	16.933	3.428.945	7.476.834	4-D2	7,0	6,0	35	msm	msm
16.861	3.426.980	7.466.133	4-D2	14,0	26,0	52	msm	msm	16.934	3.428.638	7.477.300	4-D2	10,0	3,0	37	msm	msm
16.862	3.426.610	7.472.119	4-D2	8,0	11,0	25	msm	msm	16.935	3.425.462	7.474.375	4-D2	9,0	4,0	36	msm	msm
16.868	3.426.452	7.472.595	4-D2	27,0	6,0	74	msm	msm	16.936	3.425.685	7.475.466	4-D2	14,0	14,0	56	msm	msm
16.873	3.426.547	7.473.008	4-D2	9,0	29,0	47	msm	msm	16.937	3.426.066	7.476.568	4-D2	13,0	4,0	44	msm	msm
16.879	3.426.695	7.473.443	4-D2	20,0	32,0	47	msm	msm	16.938	3.426.426	7.477.257	4-D2	12,0	4,0	46	msm	msm
16.886	3.426.854	7.473.846	4-D2	13,0	23,0	36	msm	msm	16.939	3.428.310	7.477.597	4-D2	7,0	5,0	35	msm	msm
16.887	3.428.802	7.473.539	4-D2	10,0	20,0	40	msm	msm	17.001	3.428.844	7.473.052	4-D2	15,0	22,0	32	msm	msm
16.888	3.428.643	7.473.423	4-D2	8,0	26,0	35	msm	msm	17.002	3.428.442	7.472.819	4-D2	14,0	6,0	28	msm	msm
16.889	3.428.484	7.473.348	4-D2	10,0	32,0	32	msm	msm	17.003	3.428.367	7.472.522	4-D2	15,0	17,0	36	msm	msm
16.890	3.428.251	7.473.274	4-D2	14,0	16,0	34	msm	msm	17.004	3.428.441	7.472.384	4-D2	10,0	5,0	31	msm	msm
16.891	3.428.061	7.473.253	4-D2	39,0	28,0	60	msm	msm	17.005	3.428.727	7.472.384	4-D2	26,0	42,0	60	msm	msm
16.892	3.427.870	7.473.369	4-D2	21,0	26,0	44	msm	msm	17.006	3.428.611	7.472.194	4-D2	18,0	27,0	67	msm	msm
16.893	3.427.627	7.473.496	4-D2	27,0	30,0	57	msm	msm	17.007	3.428.643	7.472.035	4-D2	10,0	4,0	77	msm	msm
16.894	3.427.542	7.473.708	4-D2	19,0	28,0	52	msm	msm	17.008	3.428.193	7.471.748	4-D2	17,0	14,0	28	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
17.010	3.429.235	7.472.533	4-D2	15,0	7,0	26	msm	msm	17.071	3.435.709	7.482.474	4-D2	6,0	1,0	19	msm	msm
17.011	3.429.045	7.472.236	4-D2	22,0	22,0	51	msm	msm	17.072	3.434.736	7.482.791	4-D2	8,0	12,0	27	msm	msm
17.012	3.431.040	7.473.297	4-D2	17,0	6,0	37	msm	msm	17.074	3.436.037	7.481.605	4-D2	6,0	6,0	25	msm	msm
17.013	3.429.833	7.472.713	4-D2	24,0	6,0	39	msm	msm	17.075	3.435.551	7.481.891	4-D2	7,0	2,0	25	msm	msm
17.014	3.431.442	7.472.619	4-D2	19,0	16,0	83	msm	msm	17.076	3.434.640	7.482.389	4-D2	4,0	1,0	19	msm	msm
17.015	3.431.008	7.472.332	4-D2	8,0	7,0	132	msm	msm	17.077	3.434.196	7.483.575	4-D2	6,0	4,0	18	msm	msm
17.016	3.431.908	7.472.460	4-D2	18,0	5,0	41	msm	msm	17.078	3.430.851	7.483.414	4-D2	9,0	1,0	19	msm	msm
17.017	3.429.103	7.471.918	4-D2	16,0	msm	46	msm	msm	17.079	3.429.327	7.482.926	4-D2	20,0	9,0	54	msm	msm
17.018	3.433.575	7.470.723	4-D2	17,0	4,0	33	msm	msm	17.080	3.429.063	7.484.908	4-D2	12,0	1,0	32	msm	msm
17.019	3.432.855	7.469.706	4-D2	18,0	8,0	35	msm	msm	17.081	3.427.793	7.485.680	4-D2	8,0	3,0	25	msm	msm
17.020	3.432.442	7.470.193	4-D2	16,0	2,0	31	msm	msm	17.082	3.445.617	7.486.451	4-D2	5,0	12,0	17	msm	msm
17.021	3.434.263	7.471.804	4-D2	19,0	7,0	37	msm	msm	17.083	3.446.252	7.486.261	4-D2	6,0	5,0	14	msm	msm
17.022	3.433.077	7.471.475	4-D2	40,0	51,0	82	msm	msm	17.085	3.447.628	7.485.223	4-D2	7,0	7,0	29	msm	msm
17.023	3.431.786	7.470.860	4-D2	19,0	7,0	45	msm	msm	17.086	3.447.670	7.484.662	4-D2	4,0	10,0	21	msm	msm
17.025	3.430.378	7.470.330	4-D2	22,0	9,0	64	msm	msm	17.101	3.440.414	7.509.079	4-C2	3,0	9,0	43	msm	msm
17.026	3.429.806	7.470.054	4-D2	14,0	4,0	32	msm	msm	17.102	3.440.689	7.508.168	4-C2	4,0	5,0	44	msm	msm
17.027	3.429.341	7.469.895	4-D2	10,0	26,0	44	msm	msm	17.103	3.440.731	7.507.607	4-C2	1,0	2,0	14	msm	msm
17.028	3.428.536	7.470.159	4-D2	17,0	10,0	61	msm	msm	17.104	3.439.905	7.505.721	4-C2	2,0	5,0	38	msm	msm
17.031	3.432.209	7.468.964	4-D2	14,0	19,0	50	msm	msm	17.109	3.439.852	7.502.532	4-C2	1,0	1,0	16	msm	msm
17.032	3.431.796	7.468.328	4-D2	15,0	10,0	44	msm	msm	17.110	3.440.476	7.501.801	4-C2	2,0	1,0	16	1	msm
17.033	3.433.066	7.467.259	4-D2	11,0	9,0	40	msm	msm	17.111	3.442.349	7.499.079	4-C2	3,0	9,0	26	msm	msm
17.034	3.432.230	7.467.820	4-D2	10,0	8,0	39	msm	msm	17.112	3.442.836	7.499.418	4-C2	3,0	1,0	30	msm	msm
17.035	3.431.521	7.468.084	4-D2	10,0	7,0	32	msm	msm	17.118	3.443.524	7.499.207	4-C2	4,0	8,0	28	msm	msm
17.036	3.430.653	7.468.317	4-D2	22,0	11,0	76	msm	msm	17.119	3.444.095	7.498.921	4-C2	7,0	5,0	44	msm	msm
17.037	3.428.727	7.468.401	4-D2	16,0	2,0	44	msm	msm	17.120	3.444.730	7.498.402	4-C2	4,0	2,0	30	msm	msm
17.038	3.427.657	7.468.326	4-D2	15,0	8,0	47	msm	msm	17.121	3.445.270	7.498.180	4-C2	9,0	12,0	65	msm	msm
17.039	3.428.776	7.476.389	4-D2	9,0	7,0	34	msm	msm	17.122	3.445.789	7.497.979	4-C2	8,0	35,0	46	msm	msm
17.040	3.428.648	7.475.616	4-D2	8,0	8,0	34	msm	msm	17.123	3.442.497	7.497.214	4-C2	6,0	2,0	38	msm	msm
17.041	3.431.030	7.474.663	4-D2	11,0	8,0	19	msm	msm	17.124	3.443.513	7.497.469	4-C2	7,0	7,0	32	msm	msm
17.042	3.431.072	7.474.398	4-D2	12,0	9,0	31	msm	msm	17.125	3.444.402	7.497.162	4-C2	8,0	8,0	40	msm	msm
17.043	3.430.278	7.474.557	4-D2	11,0	3,0	32	msm	msm	17.126	3.444.963	7.497.215	4-C2	6,0	5,0	31	msm	msm
17.045	3.429.950	7.474.292	4-D2	14,0	13,0	47	msm	msm	17.127	3.445.503	7.497.417	4-C2	6,0	1,0	34	msm	msm
17.046	3.429.844	7.474.408	4-D2	17,0	19,0	42	msm	msm	17.128	3.446.180	7.497.544	4-C2	6,0	3,0	51	msm	msm
17.047	3.429.548	7.475.108	4-D2	10,0	8,0	26	msm	msm	17.129	3.446.508	7.497.449	4-C2	6,0	1,0	40	1	msm
17.048	3.428.775	7.475.266	4-D2	10,0	2,0	31	msm	msm	17.130	3.447.207	7.497.174	4-C2	7,0	7,0	44	msm	msm
17.050	3.428.320	7.475.107	4-D2	8,0	15,0	24	msm	msm	17.131	3.447.238	7.496.560	4-C2	6,0	17,0	46	msm	msm
17.051	3.427.886	7.474.662	4-D2	10,0	12,0	24	msm	msm	17.132	3.447.588	7.496.888	4-C2	6,0	19,0	39	msm	msm
17.058	3.433.635	7.481.360	4-D2	9,0	9,0	34	msm	msm	17.133	3.447.104	7.515.079	4-C2	7,0	18,0	45	msm	msm
17.059	3.434.270	7.481.530	4-D2	7,0	30,0	35	msm	msm	17.134	3.446.808	7.514.729	4-C2	4,0	23,0	38	msm	msm
17.060	3.432.926	7.483.129	4-D2	7,0	5,0	30	msm	msm	17.135	3.446.162	7.513.998	4-C2	4,0	25,0	33	msm	msm
17.061	3.434.080	7.483.088	4-D2	6,0	3,0	36	msm	msm	17.136	3.446.395	7.513.553	4-C2	3,0	3,0	29	msm	msm
17.062	3.434.154	7.484.338	4-D2	11,0	6,0	36	msm	msm	17.137	3.444.839	7.513.351	4-C2	5,0	5,0	32	msm	msm
17.063	3.432.757	7.484.358	4-D2	8,0	12,0	36	msm	msm	17.138	3.445.352	7.513.490	4-C2	4,0	2,0	31	msm	msm
17.064	3.434.091	7.486.128	4-D2	10,0	msm	46	msm	msm	17.139	3.444.743	7.511.783	4-C2	2,0	11,0	40	msm	msm
17.065	3.433.678	7.486.668	4-D2	msm	2,0	33	msm	msm	17.141	3.444.796	7.512.673	4-C2	4,0	6,0	43	msm	msm
17.066	3.434.419	7.487.135	4-D2	6,0	1,0	25	msm	msm	17.142	3.445.113	7.510.745	4-C2	4,0	8,0	29	msm	msm
17.067	3.437.985	7.480.578	4-D2	5,0	3,0	21	msm	msm	17.143	3.445.833	7.510.989	4-C2	2,0	5,0	28	msm	msm
17.068	3.437.424	7.479.974	4-D2	6,0	4,0	21	msm	msm	17.144	3.445.474	7.512.197	4-C2	2,0	6,0	26	msm	msm
17.069	3.437.202	7.481.521	4-D2	4,0	5,0	21	msm	msm	17.145	3.445.696	7.513.691	4-C2	2,0	2,0	29	msm	msm
17.070	3.436.768	7.482.294	4-D2	8,0	4,0	29	msm	msm	17.146	3.443.802	7.514.823	4-C2	4,0	3,0	35	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
17.147	3.443.717	7.513.690	4-C2	7,0	6,0	43	msm	msm	17.208	3.424.885	7.505.036	4-C2	msm	13,0	25	msm	msm
17.148	3.443.240	7.512.651	4-C2	4,0	5,0	36	msm	msm	17.209	3.424.166	7.505.374	4-C2	msm	14,0	23	msm	msm
17.149	3.442.859	7.511.380	4-C2	3,0	4,0	33	msm	msm	17.210	3.423.478	7.505.332	4-C2	msm	5,0	20	msm	msm
17.150	3.442.764	7.510.574	4-C2	4,0	3,0	36	msm	msm	17.211	3.426.399	7.504.485	4-C2	msm	11,0	17	msm	msm
17.151	3.439.990	7.508.157	4-C2	4,0	12,0	43	msm	msm	17.212	3.428.294	7.506.997	4-C2	msm	9,0	18	msm	msm
17.153	3.440.498	7.509.832	4-C2	4,0	7,0	50	msm	msm	17.213	3.428.347	7.506.245	4-C2	1,0	9,0	19	msm	msm
17.154	3.440.763	7.506.886	4-C2	2,0	2,0	45	msm	msm	17.215	3.427.246	7.504.666	4-C2	msm	9,0	24	msm	msm
17.155	3.440.540	7.504.704	4-C2	1,0	4,0	33	msm	msm	17.216	3.423.361	7.504.262	4-C2	msm	11,0	15	msm	msm
17.156	3.439.852	7.504.439	4-C2	3,0	8,0	70	msm	msm	17.217	3.423.266	7.503.393	4-C2	msm	11,0	21	msm	msm
17.157	3.440.434	7.504.005	4-C2	3,0	3,0	46	msm	msm	17.218	3.424.652	7.503.616	4-C2	msm	10,0	19	msm	msm
17.160	3.440.381	7.503.485	4-C2	4,0	12,0	76	msm	msm	17.219	3.425.340	7.503.743	4-C2	1,0	9,0	18	msm	msm
17.161	3.440.709	7.503.846	4-C2	2,0	9,0	26	msm	msm	17.220	3.425.679	7.503.881	4-C2	msm	14,0	17	msm	msm
17.162	3.440.878	7.502.797	4-C2	1,0	9,0	24	msm	msm	17.221	3.427.552	7.502.102	4-C2	msm	10,0	19	msm	msm
17.165	3.441.905	7.503.253	4-C2	1,0	12,0	22	msm	msm	17.222	3.430.304	7.502.601	4-C2	msm	9,0	12	msm	msm
17.166	3.441.503	7.502.999	4-C2	2,0	4,0	21	msm	msm	17.223	3.429.796	7.502.146	4-C2	msm	10,0	19	msm	msm
17.168	3.441.217	7.502.246	4-C2	msm	3,0	21	msm	msm	17.224	3.429.299	7.501.753	4-C2	msm	14,0	17	msm	msm
17.169	3.441.354	7.501.706	4-C2	msm	1,0	21	msm	msm	17.225	3.428.261	7.502.081	4-C2	msm	7,0	17	msm	msm
17.170	3.442.117	7.502.522	4-C2	msm	1,0	21	msm	msm	17.226	3.428.515	7.500.958	4-C2	msm	13,0	16	msm	msm
17.171	3.441.799	7.501.653	4-C2	msm	2,0	21	msm	msm	17.227	3.427.912	7.501.234	4-C2	msm	11,0	16	msm	msm
17.172	3.442.900	7.502.522	4-C2	msm	2,0	20	msm	msm	17.228	3.427.467	7.501.445	4-C2	msm	10,0	17	msm	msm
17.173	3.441.968	7.501.579	4-C2	msm	msm	20	msm	msm	17.229	3.426.959	7.501.646	4-C2	msm	12,0	16	msm	msm
17.174	3.442.762	7.501.028	4-C2	msm	2,0	31	msm	msm	17.230	3.429.171	7.500.768	4-C2	2,0	12,0	65	msm	msm
17.175	3.443.386	7.500.753	4-C2	1,0	3,0	34	msm	msm	17.231	3.429.838	7.500.726	4-C2	msm	13,0	17	msm	msm
17.176	3.444.000	7.500.616	4-C2	1,0	6,0	35	msm	msm	17.232	3.433.056	7.500.939	4-C2	msm	12,0	15	msm	msm
17.177	3.437.133	7.514.767	4-C2	1,0	5,0	23	msm	msm	17.233	3.432.336	7.501.257	4-C2	1,0	13,0	17	msm	msm
17.178	3.436.900	7.513.591	4-C2	2,0	2,0	20	msm	msm	17.234	3.431.288	7.501.277	4-C2	msm	11,0	16	msm	msm
17.179	3.434.973	7.509.299	4-C2	1,0	10,0	60	msm	msm	17.235	3.430.685	7.500.906	4-C2	msm	7,0	17	msm	msm
17.180	3.434.868	7.509.988	4-C2	2,0	30,0	56	1	msm	17.236	3.436.433	7.501.947	4-C2	msm	12,0	19	msm	msm
17.181	3.434.857	7.510.846	4-C2	1,0	4,0	49	msm	msm	17.237	3.435.819	7.501.364	4-C2	msm	17,0	25	msm	msm
17.182	3.435.175	7.511.440	4-C2	1,0	20,0	51	msm	msm	17.238	3.435.374	7.500.686	4-C2	msm	15,0	21	msm	msm
17.183	3.435.683	7.512.044	4-C2	1,0	17,0	56	msm	msm	17.239	3.435.353	7.499.775	4-C2	1,0	14,0	22	msm	msm
17.184	3.436.286	7.512.701	4-C2	4,0	36,0	56	msm	msm	17.240	3.435.776	7.499.129	4-C2	1,0	12,0	23	msm	msm
17.185	3.434.911	7.513.728	4-C2	7,0	32,0	56	msm	msm	17.241	3.436.125	7.498.801	4-C2	msm	12,0	25	msm	msm
17.186	3.435.577	7.513.771	4-C2	8,0	30,0	56	msm	msm	17.242	3.436.517	7.498.504	4-C2	2,0	14,0	23	msm	msm
17.187	3.436.583	7.513.135	4-C2	5,0	25,0	54	msm	msm	17.243	3.438.327	7.499.946	4-C2	1,0	13,0	29	msm	msm
17.190	3.438.138	7.511.038	4-C2	4,0	16,0	31	msm	msm	17.244	3.436.528	7.500.909	4-C2	1,0	17,0	25	2	msm
17.191	3.437.821	7.512.013	4-C2	6,0	3,0	26	msm	msm	17.245	3.436.919	7.499.945	4-C2	6,0	16,0	39	msm	msm
17.192	3.437.683	7.512.850	4-C2	1,0	4,0	23	msm	msm	17.246	3.439.671	7.500.752	4-C2	6,0	13,0	40	msm	msm
17.194	3.437.059	7.511.896	4-C2	msm	4,0	26	msm	msm	17.247	3.446.424	7.501.231	4-C2	3,0	15,0	37	msm	msm
17.195	3.437.006	7.510.985	4-C2	msm	3,0	20	msm	msm	17.248	3.445.281	7.500.807	4-C2	msm	12,0	27	msm	msm
17.196	3.437.217	7.509.830	4-C2	msm	7,0	20	msm	msm	17.249	3.445.038	7.500.765	4-C2	1,0	11,0	30	msm	msm
17.199	3.437.238	7.509.396	4-C2	msm	8,0	19	msm	msm	17.250	3.444.604	7.500.690	4-C2	1,0	11,0	35	msm	msm
17.200	3.438.085	7.509.163	4-C2	msm	8,0	23	msm	msm	17.251	3.443.831	7.499.885	4-C2	2,0	19,0	36	msm	msm
17.201	3.423.552	7.508.023	4-C2	msm	12,0	19	msm	msm	17.602	3.388.773	7.482.939	3-C4	2,0	15,0	17	2	msm
17.202	3.423.891	7.507.536	4-C2	1,0	12,0	24	msm	msm	17.604	3.392.700	7.481.511	3-C4	4,0	8,0	16	msm	msm
17.203	3.423.901	7.506.868	4-C2	3,0	9,0	27	msm	msm	17.606	3.394.446	7.482.274	3-C4	3,0	4,0	14	msm	msm
17.204	3.423.298	7.506.677	4-C2	1,0	11,0	24	1	msm	17.608	3.393.038	7.482.464	3-C4	3,0	7,0	29	msm	msm
17.205	3.425.658	7.505.958	4-C2	2,0	10,0	19	msm	msm	17.609	3.392.202	7.482.072	3-C4	8,0	15,0	22	msm	msm
17.206	3.425.616	7.505.470	4-C2	msm	7,0	19	msm	msm	17.610	3.391.313	7.482.326	3-C4	4,0	9,0	24	msm	msm
17.207	3.425.468	7.505.099	4-C2	1,0	5,0	31	msm	msm	17.611	3.394.160	7.481.617	3-C4	4,0	18,0	22	9	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
17.613	3.393.028	7.481.945	3-C4	7,0	22,0	29	msm	msm	17.682	3.399.227	7.487.891	4-C1	9,0	23,0	52	msm	msm
17.615	3.390.615	7.482.728	3-C4	msm	16,0	21	msm	msm	17.684	3.398.317	7.487.954	4-C1	9,0	43,0	76	msm	msm
17.616	3.390.816	7.483.099	3-C4	1,0	16,0	40	msm	msm	17.685	3.399.364	7.489.227	4-C1	9,0	19,0	48	17	msm
17.617	3.391.451	7.483.767	3-C4	4,0	14,0	20	msm	msm	17.686	3.399.956	7.488.941	4-C1	7,0	24,0	80	msm	msm
17.618	3.392.488	7.484.806	3-C4	7,0	21,0	68	10	msm	17.687	3.400.348	7.489.842	4-C1	6,0	15,0	63	msm	msm
17.620	3.396.066	7.483.409	3-C4	2,0	12,0	26	4	msm	17.690	3.402.730	7.490.203	4-C1	3,0	19,0	250	msm	msm
17.622	3.394.065	7.483.503	3-C4	5,0	20,0	18	msm	msm	17.691	3.402.454	7.490.436	4-C1	5,0	38,0	126	msm	msm
17.623	3.395.643	7.484.140	3-C4	4,0	21,0	19	msm	msm	17.692	3.403.481	7.490.394	4-C1	5,0	68,0	164	msm	msm
17.625	3.395.960	7.485.146	3-C4	1,0	23,0	18	msm	msm	17.693	3.404.508	7.490.978	4-C1	6,0	53,0	122	msm	msm
17.626	3.395.971	7.485.612	3-C4	1,0	27,0	39	msm	msm	17.694	3.406.148	7.490.915	4-C1	5,0	35,0	126	msm	msm
17.627	3.395.685	7.485.994	3-C4	3,0	22,0	43	msm	msm	17.696	3.403.947	7.489.377	4-C1	6,0	16,0	36	msm	msm
17.628	3.393.441	7.484.859	3-C4	2,0	21,0	34	7	msm	17.697	3.403.714	7.489.102	4-C1	2,0	6,0	36	msm	msm
17.630	3.393.357	7.485.802	3-C4	5,0	22,0	59	msm	msm	17.698	3.404.518	7.488.848	4-C1	2,0	16,0	41	msm	msm
17.631	3.394.055	7.486.512	3-C4	3,0	18,0	80	msm	msm	17.699	3.405.079	7.489.971	4-C1	3,0	10,0	38	3	msm
17.632	3.395.050	7.486.650	3-C4	5,0	18,0	49	msm	msm	17.700	3.406.318	7.490.194	4-C1	4,0	16,0	47	4	msm
17.633	3.392.775	7.487.762	3-C4	3,0	19,0	38	msm	msm	17.701	3.390.605	7.488.746	4-C1	msm	4,0	22	msm	msm
17.635	3.394.140	7.487.137	3-C4	4,0	16,0	41	4	msm	17.703	3.390.362	7.488.269	4-C1	msm	6,0	18	msm	msm
17.636	3.394.521	7.488.822	3-C4	1,0	24,0	22	6	msm	17.705	3.389.504	7.487.580	4-C1	msm	1,0	17	msm	msm
17.637	3.394.744	7.487.879	3-D4	1,0	15,0	19	msm	msm	17.706	3.390.573	7.486.532	4-C1	1,0	4,0	20	msm	msm
17.640	3.395.538	7.488.515	3-C4	msm	13,0	35	msm	msm	17.708	3.390.477	7.484.942	4-C1	msm	8,0	19	5	msm
17.641	3.396.204	7.487.912	3-D4	4,0	10,0	26	msm	msm	17.709	3.390.647	7.483.894	4-C1	msm	6,0	22	msm	msm
17.642	3.394.966	7.487.530	3-D4	7,0	27,0	54	msm	msm	17.714	3.401.068	7.492.131	4-C1	3,0	18,0	36	5	msm
17.645	3.383.342	7.475.001	3-D4	msm	16,0	20	msm	msm	17.715	3.400.920	7.491.559	4-C1	4,0	9,0	35	2	msm
17.646	3.387.660	7.472.937	3-D4	8,0	21,0	30	37	msm	17.717	3.401.894	7.491.326	4-C1	5,0	13,0	35	msm	msm
17.647	3.387.755	7.473.721	3-D4	1,0	10,0	21	msm	msm	17.720	3.404.540	7.491.401	4-C1	7,0	135,0	232	msm	msm
17.651	3.386.220	7.473.699	3-D4	7,0	21,0	22	msm	msm	17.721	3.406.053	7.491.444	4-C1	6,0	126,0	210	msm	msm
17.652	3.386.559	7.472.417	3-D4	2,0	25,0	21	msm	msm	17.722	3.407.662	7.491.742	4-C1	4,0	12,0	41	msm	msm
17.653	3.385.935	7.473.402	3-D4	1,0	14,0	22	msm	msm	17.723	3.407.344	7.490.799	4-C1	7,0	3,0	39	msm	msm
17.654	3.385.120	7.473.942	3-D4	4,0	24,0	20	12	msm	17.724	3.397.450	7.504.186	4-C1	2,0	9,0	18	msm	msm
17.655	3.384.146	7.474.980	3-D4	msm	10,0	20	13	msm	17.726	3.398.106	7.503.116	4-C1	4,0	7,0	15	msm	msm
17.657	3.384.019	7.476.633	3-D4	1,0	12,0	19	msm	msm	17.727	3.399.038	7.502.078	4-C1	4,0	7,0	28	msm	msm
17.658	3.385.258	7.477.916	3-D4	msm	5,0	21	msm	msm	17.728	3.400.223	7.500.532	4-C1	4,0	9,0	14	5	msm
17.659	3.386.306	7.477.556	3-D4	2,0	12,0	11	msm	msm	17.729	3.401.006	7.499.367	4-C1	4,0	9,0	24	4	msm
17.660	3.386.623	7.477.291	3-D4	1,0	12,0	16	msm	msm	17.730	3.402.308	7.498.128	4-C1	5,0	12,0	14	msm	msm
17.661	3.387.534	7.479.061	3-D4	1,0	18,0	16	msm	msm	17.731	3.403.863	7.493.425	4-C1	3,0	8,0	24	msm	msm
17.662	3.386.211	7.478.658	3-D4	msm	7,0	20	10	msm	17.732	3.403.630	7.493.001	4-C1	6,0	13,0	33	msm	msm
17.663	3.386.888	7.480.035	3-D4	msm	15,0	29	msm	msm	17.734	3.404.900	7.492.917	4-C1	3,0	13,0	31	msm	msm
17.664	3.383.808	7.479.345	3-D4	1,0	9,0	18	msm	msm	17.735	3.406.170	7.492.981	4-C1	1,0	15,0	24	msm	msm
17.665	3.383.713	7.479.144	3-D4	1,0	9,0	20	msm	msm	17.736	3.407.271	7.492.515	4-C1	1,0	25,0	42	msm	msm
17.667	3.392.670	7.491.332	3-C4	6,0	3,0	23	18	msm	17.737	3.408.170	7.492.929	4-C1	2,0	9,0	25	3	msm
17.668	3.393.770	7.487.285	3-C4	6,0	14,0	14	msm	msm	17.738	3.408.636	7.493.226	4-C1	3,0	22,0	44	msm	msm
17.669	3.392.246	7.488.196	3-C4	5,0	21,0	14	msm	msm	17.739	3.408.679	7.494.169	4-C1	1,0	25,0	30	msm	msm
17.670	3.391.791	7.488.598	3-C4	4,0	5,0	11	msm	msm	17.740	3.408.478	7.494.741	4-C1	2,0	18,0	27	msm	msm
17.671	3.390.944	7.489.075	3-C4	7,0	9,0	10	msm	msm	17.741	3.420.998	7.517.864	4-B1	9,0	28,0	82	msm	msm
17.672	3.397.163	7.465.101	3-D4	1,0	10,0	25	msm	msm	17.743	3.419.378	7.517.153	4-B1	5,0	20,0	25	msm	msm
17.675	3.396.179	7.466.266	3-D4	msm	9,0	20	5	msm	17.744	3.419.950	7.518.838	4-B1	9,0	18,0	80	msm	msm
17.677	3.391.810	7.477.399	3-D4	6,0	10,0	27	msm	msm	17.745	3.419.516	7.518.711	4-B1	6,0	24,0	80	20	msm
17.679	3.390.434	7.480.726	3-D4	msm	11,0	20	msm	msm	17.746	3.419.293	7.517.641	4-B1	9,0	36,0	130	msm	msm
17.680	3.391.588	7.481.171	3-D4	2,0	7,0	19	4	msm	17.747	3.419.156	7.516.973	4-B1	6,0	22,0	29	msm	msm
17.681	3.390.551	7.482.442	3-D4	msm	8,0	22	msm	msm	17.748	3.417.896	7.516.104	4-B1	9,0	21,0	86	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
17.749	3.415.737	7.516.622	4-B1	6,0	17,0	30	msm	msm	17.853	3.416.049	7.512.035	4-C1	4,0	10,0	35	msm	msm
17.750	3.414.922	7.516.071	4-B1	5,0	7,0	35	19	msm	17.854	3.415.414	7.511.854	4-C1	2,0	6,0	19	msm	msm
17.752	3.417.383	7.514.663	4-C1	4,0	13,0	17	msm	msm	17.855	3.415.519	7.510.774	4-C1	3,0	7,0	34	msm	msm
17.753	3.422.068	7.525.090	4-B1	4,0	19,0	19	msm	msm	17.856	3.414.440	7.510.741	4-C1	3,0	11,0	37	4	msm
17.756	3.421.718	7.523.193	4-B1	7,0	32,0	32	msm	msm	17.857	3.414.747	7.510.922	4-C1	4,0	16,0	31	msm	msm
17.759	3.422.141	7.517.631	4-B1	5,0	27,0	20	msm	msm	17.858	3.414.810	7.510.222	4-C1	1,0	13,0	31	msm	msm
17.763	3.401.240	7.508.680	4-C1	6,0	15,0	22	2	msm	17.859	3.414.588	7.509.565	4-C1	5,0	15,0	37	msm	msm
17.764	3.402.267	7.508.055	4-C1	5,0	10,0	19	4	msm	17.860	3.413.561	7.509.046	4-C1	2,0	7,0	33	msm	msm
17.765	3.402.912	7.507.314	4-C1	5,0	9,0	19	msm	msm	17.861	3.416.885	7.513.942	4-C1	3,0	9,0	132	11	msm
17.766	3.402.976	7.505.894	4-C1	5,0	17,0	17	msm	msm	17.862	3.416.716	7.512.904	4-C1	5,0	12,0	64	4	msm
17.769	3.415.272	7.491.777	4-C1	2,0	13,0	16	msm	msm	17.863	3.416.726	7.512.247	4-C1	5,0	18,0	84	msm	msm
17.771	3.416.183	7.493.303	4-C1	5,0	14,0	20	6	msm	17.864	3.417.054	7.511.781	4-C1	1,0	13,0	57	msm	msm
17.772	3.418.173	7.493.929	4-C1	2,0	10,0	21	msm	msm	17.865	3.416.673	7.511.103	4-C1	2,0	14,0	48	msm	msm
17.773	3.418.321	7.494.904	4-C1	6,0	11,0	24	msm	msm	17.867	3.416.948	7.510.531	4-C1	1,0	11,0	27	msm	msm
17.774	3.417.887	7.495.285	4-C1	2,0	10,0	17	msm	msm	17.868	3.416.673	7.510.202	4-C1	4,0	15,0	77	msm	msm
17.775	3.418.967	7.495.932	4-C1	3,0	5,0	22	msm	msm	17.869	3.417.022	7.509.980	4-C1	3,0	12,0	45	2	msm
17.776	3.419.549	7.495.837	4-C1	2,0	11,0	18	msm	msm	17.870	3.416.482	7.509.429	4-C1	3,0	11,0	53	msm	msm
17.778	3.421.062	7.492.733	4-C1	1,0	11,0	15	msm	msm	17.871	3.417.837	7.509.111	4-C1	1,0	16,0	27	msm	msm
17.781	3.421.656	7.496.844	4-C1	3,0	5,0	22	msm	msm	17.872	3.416.958	7.509.132	4-C1	1,0	3,0	15	msm	msm
17.782	3.421.339	7.499.175	4-C1	2,0	5,0	17	msm	msm	17.874	3.415.826	7.508.888	4-C1	2,0	12,0	57	msm	msm
17.788	3.442.937	7.545.344	4-A2	7,0	10,0	35	msm	msm	17.875	3.415.519	7.508.167	4-C1	2,0	10,0	45	3	msm
17.795	3.450.917	7.547.837	4-A3	17,0	13,0	45	msm	msm	17.876	3.416.175	7.507.521	4-C1	3,0	22,0	51	6	msm
17.805	3.390.457	7.489.360	3-C4	5,0	5,0	11	msm	msm	17.877	3.411.662	7.481.053	4-D1	6,0	13,0	15	msm	msm
17.807	3.396.005	7.499.163	4-C1	10,0	2,0	17	msm	msm	17.878	3.411.249	7.480.364	4-D1	5,0	27,0	14	msm	msm
17.809	3.396.333	7.498.761	4-C1	6,0	9,0	18	7	msm	17.879	3.408.592	7.477.799	4-D1	7,0	13,0	17	msm	msm
17.810	3.396.714	7.499.153	4-C1	9,0	17,0	24	msm	msm	17.881	3.411.058	7.477.864	4-D1	6,0	4,0	12	msm	msm
17.811	3.397.344	7.499.058	4-C1	10,0	21,0	20	5	msm	17.883	3.420.659	7.487.625	4-D1	7,0	12,0	17	msm	msm
17.812	3.397.386	7.498.698	4-C1	4,0	18,0	22	msm	msm	17.885	3.416.696	7.485.003	4-D1	4,0	4,0	16	msm	msm
17.813	3.398.116	7.499.175	4-C1	5,0	11,0	17	4	msm	17.886	3.415.346	7.486.701	4-D1	4,0	30,0	17	msm	msm
17.818	3.398.814	7.494.164	4-C1	2,0	19,0	16	msm	msm	17.887	3.412.753	7.486.838	4-D1	3,0	23,0	15	msm	msm
17.821	3.401.513	7.493.381	4-C1	1,0	10,0	12	msm	msm	17.888	3.410.181	7.487.430	4-D1	2,0	21,0	12	msm	msm
17.822	3.403.196	7.495.151	4-C1	4,0	11,0	27	msm	msm	17.889	3.408.297	7.486.423	4-D1	3,0	15,0	10	msm	msm
17.824	3.404.723	7.510.154	4-C1	8,0	27,0	36	msm	msm	17.890	3.409.144	7.485.628	4-D1	3,0	23,0	4	msm	msm
17.826	3.405.802	7.509.837	4-C1	3,0	15,0	17	msm	msm	17.891	3.409.165	7.484.675	4-D1	4,0	11,0	22	msm	msm
17.827	3.406.416	7.509.318	4-C1	msm	10,0	25	3	msm	17.901	3.396.599	7.506.040	4-C1	11,0	15,0	9	msm	msm
17.828	3.406.723	7.508.386	4-C1	2,0	2,0	29	msm	msm	17.902	3.396.631	7.504.578	4-C1	5,0	26,0	31	5	msm
17.829	3.422.462	7.508.563	4-C1	10,0	5,0	5	msm	msm	17.904	3.396.567	7.504.906	4-C1	4,0	6,0	28	msm	msm
17.830	3.421.594	7.508.679	4-C1	2,0	10,0	23	msm	msm	17.905	3.396.557	7.505.616	4-C1	6,0	11,0	22	msm	msm
17.831	3.421.213	7.509.410	4-C1	2,0	6,0	6	8	msm	17.907	3.398.075	7.504.896	4-C1	3,0	19,0	13	msm	msm
17.832	3.421.065	7.508.191	4-C1	2,0	12,0	25	msm	msm	17.908	3.399.091	7.504.388	4-C1	3,0	18,0	12	msm	msm
17.833	3.420.694	7.507.312	4-C1	2,0	5,0	5	msm	msm	17.909	3.399.599	7.503.477	4-C1	4,0	22,0	24	msm	msm
17.834	3.420.462	7.509.017	4-C1	2,0	18,0	26	msm	msm	17.910	3.400.255	7.501.592	4-C1	6,0	13,0	24	msm	msm
17.836	3.419.975	7.507.226	4-C1	2,0	13,0	14	msm	msm	17.911	3.414.176	7.514.640	4-B1	7,0	18,0	54	msm	msm
17.837	3.420.028	7.509.918	4-C1	3,0	8,0	25	2	msm	17.913	3.413.848	7.515.021	4-B1	6,0	15,0	45	msm	msm
17.838	3.419.795	7.509.345	4-C1	3,0	10,0	18	msm	msm	17.914	3.413.329	7.515.318	4-B1	6,0	30,0	24	msm	msm
17.839	3.419.456	7.508.233	4-C1	2,0	11,0	23	msm	msm	17.915	3.412.747	7.515.180	4-B1	4,0	13,0	35	19	msm
17.840	3.418.959	7.507.332	4-C1	3,0	9,0	20	msm	msm	17.917	3.412.800	7.513.877	4-C1	5,0	17,0	40	msm	msm
17.849	3.415.266	7.513.401	4-C1	5,0	11,0	52	5	msm	17.918	3.411.614	7.513.558	4-C1	3,0	17,0	44	msm	msm
17.850	3.416.049	7.513.200	4-C1	6,0	17,0	56	msm	msm	17.919	3.412.545	7.513.018	4-C1	2,0	19,0	32	5	msm
17.851	3.415.869	7.512.787	4-C1	4,0	12,0	27	msm	msm	17.920	3.412.175	7.512.213	4-C1	2,0	15,0	23	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
17.921	3.411.190	7.510.517	4-C1	3,0	9,0	33	msm	msm	38.587	3.458.321	7.483.973	4-D3	3,0	10,0	41	msm	13,0
17.922	3.409.729	7.509.553	4-C1	3,0	17,0	37	8	msm	38.588	3.458.850	7.483.995	4-D3	2,0	0,5	42	msm	25,0
17.923	3.407.507	7.512.878	4-C1	1,0	16,0	18	msm	msm	38.589	3.458.691	7.483.666	4-D3	4,0	10,0	36	msm	msm
17.925	3.407.951	7.511.205	4-C1	4,0	32,0	19	msm	msm	38.590	3.458.871	7.483.243	4-D3	10,0	20,0	70	msm	13,0
17.926	3.408.565	7.511.417	4-C1	4,0	22,0	32	msm	msm	38.591	3.459.146	7.482.671	4-D3	5,0	15,0	42	msm	msm
17.927	3.408.767	7.512.519	4-C1	2,0	18,0	14	msm	msm	38.592	3.459.495	7.482.332	4-D3	10,0	20,0	46	msm	msm
17.928	3.409.042	7.511.194	4-C1	2,0	9,0	23	msm	msm	38.593	3.459.887	7.482.120	4-D3	2,0	20,0	36	msm	msm
17.929	3.410.047	7.511.417	4-C1	4,0	15,0	38	msm	msm	38.594	3.460.257	7.482.131	4-D3	8,0	25,0	50	msm	25,0
17.932	3.449.795	7.503.619	4-C3	7,0	20,0	27	msm	msm	38.595	3.460.659	7.482.110	4-D3	10,0	15,0	40	msm	msm
17.940	3.497.958	7.567.605	4-A4	11,0	10,0	43	msm	msm	38.596	3.460.331	7.480.775	4-D3	7,0	25,0	43	msm	msm
17.942	3.495.777	7.563.812	4-A4	15,0	8,0	50	msm	msm	38.597	3.459.908	7.480.584	4-D3	1,0	20,0	35	msm	msm
17.944	3.495.893	7.560.983	4-A4	12,0	5,0	42	msm	msm	38.598	3.459.463	7.480.796	4-D3	3,0	15,0	82	msm	msm
17.946	3.498.041	7.558.135	4-A4	12,0	12,0	47	msm	msm	38.603	3.453.938	7.478.961	4-D3	msm	20,0	44	msm	0,5
17.947	3.493.384	7.554.870	4-A4	10,0	7,0	45	msm	msm	38.604	3.453.589	7.479.416	4-D3	msm	25,0	39	msm	0,5
17.949	3.493.711	7.551.162	4-A4	16,0	4,0	57	msm	msm	38.605	3.453.325	7.479.829	4-D3	msm	10,0	34	msm	msm
17.951	3.490.657	7.542.611	4-B4	20,0	5,0	57	msm	msm	38.606	3.453.515	7.480.136	4-D3	msm	15,0	33	msm	0,5
17.957	3.476.664	7.535.581	4-B4	17,0	6,0	45	msm	msm	38.607	3.453.896	7.479.819	4-D3	msm	20,0	41	msm	msm
17.958	3.485.577	7.540.406	4-B4	12,0	12,0	51	msm	msm	38.608	3.454.288	7.479.660	4-D3	msm	25,0	36	msm	msm
17.959	3.487.239	7.542.875	4-B4	11,0	6,0	46	msm	msm	38.609	3.453.938	7.480.391	4-D3	msm	15,0	29	msm	0,5
17.960	3.488.128	7.541.879	4-B4	15,0	8,0	64	msm	msm	38.611	3.454.839	7.483.771	4-D3	msm	15,0	35	msm	0,5
17.965	3.471.414	7.532.189	4-B3	11,0	10,0	42	msm	msm	38.612	3.454.775	7.484.004	4-D3	msm	15,0	28	msm	0,5
17.966	3.469.551	7.529.148	4-B3	9,0	10,0	31	msm	msm	38.622	3.452.087	7.485.909	4-D3	16,0	30,0	102	msm	msm
17.967	3.467.805	7.529.687	4-B3	11,0	12,0	66	msm	msm	38.623	3.452.077	7.485.909	4-D3	11,0	20,0	43	msm	13,0
17.968	3.470.630	7.525.069	4-B3	11,0	19,0	50	15	msm	38.624	3.452.077	7.485.909	4-D3	9,0	5,0	43	msm	msm
17.971	3.466.417	7.520.152	4-B3	9,0	24,0	80	msm	msm	38.701	3.457.803	7.486.569	4-D3	1,0	15,0	41	msm	msm
17.973	3.471.307	7.521.129	4-B3	12,0	18,0	42	msm	msm	38.702	3.458.258	7.486.304	4-D3	1,0	20,0	42	msm	msm
17.974	3.476.611	7.497.063	4-C4	14,0	14,0	52	msm	msm	38.703	3.458.755	7.486.008	4-D3	msm	15,0	29	msm	msm
17.977	3.477.469	7.501.725	4-C4	15,0	4,0	46	msm	msm	38.704	3.459.178	7.485.817	4-D3	1,0	20,0	34	msm	msm
17.984	3.478.410	7.499.946	4-C4	8,0	1,0	38	msm	msm	38.705	3.459.538	7.485.531	4-D3	10,0	10,0	60	msm	msm
17.985	3.478.443	7.503.282	4-C4	9,0	2,0	36	msm	msm	38.706	3.459.961	7.485.161	4-D3	9,0	0,5	41	msm	msm
38.478	3.447.886	7.486.871	4-D3	10,0	15,0	35	msm	msm	38.707	3.460.427	7.484.938	4-D3	12,0	10,0	49	msm	msm
38.479	3.448.330	7.486.458	4-D3	6,0	10,0	31	msm	msm	38.708	3.457.781	7.486.855	4-D3	13,0	0,5	65	msm	msm
38.480	3.448.447	7.486.024	4-D3	6,0	20,0	43	msm	msm	38.709	3.458.184	7.486.802	4-D3	10,0	15,0	49	msm	msm
38.481	3.448.584	7.485.632	4-D3	10,0	20,0	87	msm	msm	38.710	3.458.744	7.486.908	4-D3	12,0	10,0	62	msm	msm
38.482	3.448.965	7.485.495	4-D3	4,0	15,0	57	msm	13,0	38.711	3.459.178	7.486.908	4-D3	7,0	15,0	72	msm	msm
38.483	3.449.484	7.485.453	4-D3	9,0	20,0	49	msm	msm	38.712	3.459.602	7.486.856	4-D3	7,0	10,0	77	msm	msm
38.484	3.449.716	7.484.976	4-D3	6,0	15,0	70	msm	msm	38.713	3.460.067	7.486.421	4-D3	11,0	15,0	55	msm	msm
38.574	3.447.981	7.487.793	4-D3	10,0	10,0	102	msm	msm	38.714	3.460.639	7.486.040	4-D3	8,0	15,0	58	msm	msm
38.575	3.448.362	7.487.497	4-D3	5,0	15,0	59	msm	13,0	38.715	3.459.983	7.486.951	4-D3	15,0	15,0	83	msm	msm
38.576	3.448.828	7.487.285	4-D3	6,0	15,0	70	msm	msm	38.716	3.461.147	7.487.121	4-D3	17,0	20,0	26	msm	msm
38.577	3.449.304	7.487.169	4-D3	3,0	20,0	52	msm	13,0	38.717	3.460.734	7.487.396	4-D3	9,0	15,0	61	msm	msm
38.578	3.449.886	7.487.179	4-D3	4,0	15,0	49	msm	13,0	38.718	3.460.343	7.487.661	4-D3	8,0	10,0	66	msm	13,0
38.579	3.450.257	7.487.466	4-C3	12,0	10,0	66	msm	13,0	38.719	3.459.792	7.487.523	4-D3	12,0	15,0	56	msm	msm
38.580	3.450.765	7.487.424	4-D3	3,0	15,0	55	msm	msm	38.720	3.459.433	7.487.565	4-D3	11,0	10,0	72	msm	msm
38.581	3.451.220	7.487.381	4-D3	2,0	15,0	46	msm	msm	38.721	3.458.808	7.487.724	4-D3	12,0	20,0	77	msm	13,0
38.582	3.451.685	7.487.403	4-D3	3,0	10,0	39	msm	msm	38.722	3.458.321	7.487.766	4-D3	14,0	15,0	65	msm	msm
38.583	3.452.077	7.487.647	4-D3	5,0	<10	41	msm	25,0	38.723	3.457.824	7.487.639	4-D3	13,0	0,5	58	msm	msm
38.584	3.456.871	7.484.291	4-D3	5,0	10,0	70	msm	msm	38.745	3.452.352	7.487.032	4-D3	9,0	15,0	45	msm	msm
38.585	3.457.400	7.484.132	4-D3	7,0	15,0	62	msm	msm	38.746	3.452.733	7.486.958	4-D3	12,0	0,5	41	msm	13,0
38.586	3.457.940	7.484.259	4-D3	4,0	15,0	32	msm	msm	38.801	3.459.103	7.481.071	4-D3	14,0	20,0	86	msm	13,0

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
38.802	3.458.638	7.481.262	4-D3	11,0	10,0	47	msm	msm	39.519	3.466.520	7.492.959	4-C3	12,0	30,0	65	msm	0,5
38.803	3.458.172	7.481.304	4-D3	11,0	15,0	73	msm	25,0	39.520	3.466.149	7.493.161	4-C3	27,0	35,0	88	msm	0,5
38.804	3.457.876	7.481.802	4-D3	13,0	15,0	87	msm	13,0	39.521	3.465.832	7.493.468	4-C3	19,0	20,0	79	msm	13,0
38.805	3.457.632	7.482.215	4-D3	14,0	10,0	51	msm	13,0	39.522	3.465.610	7.493.637	4-C3	12,0	25,0	50	msm	13,0
38.806	3.457.442	7.482.596	4-D3	5,0	20,0	66	msm	msm	39.523	3.465.271	7.494.061	4-C3	15,0	30,0	78	msm	13,0
38.807	3.457.220	7.482.977	4-D3	2,0	15,0	53	msm	msm	39.524	3.465.017	7.494.569	4-C3	16,0	25,0	118	msm	13,0
38.808	3.456.934	7.483.316	4-D3	4,0	15,0	76	msm	msm	39.525	3.464.551	7.495.035	4-C3	21,0	20,0	97	msm	0,5
38.809	3.457.633	7.485.520	4-D3	2,0	15,0	56	msm	msm	39.526	3.460.414	7.498.465	4-C3	20,0	15,0	79	msm	13,0
38.810	3.458.152	7.485.488	4-D3	1,0	20,0	43	msm	msm	39.527	3.460.858	7.498.137	4-C3	29,0	20,0	52	msm	0,5
38.811	3.458.046	7.484.715	4-D3	2,0	15,0	38	msm	msm	39.528	3.461.144	7.497.841	4-C3	16,0	20,0	68	msm	3,0
38.812	3.457.612	7.484.980	4-D3	3,0	10,0	57	msm	msm	39.529	3.461.546	7.497.608	4-C3	20,0	15,0	65	msm	6,0
38.813	3.457.241	7.485.371	4-D3	4,0	25,0	63	msm	msm	39.530	3.462.054	7.497.311	4-C3	1,0	15,0	30	msm	1,0
38.814	3.456.797	7.485.403	4-D3	5,0	20,0	49	msm	13,0	39.531	3.462.361	7.496.920	4-C3	8,0	10,0	46	msm	0,5
39.182	3.465.012	7.498.595	4-C3	7,0	20,0	70	msm	13,0	39.532	3.462.583	7.496.623	4-C3	8,0	25,0	82	msm	13,0
39.183	3.464.579	7.498.499	4-C3	8,0	25,0	67	msm	13,0	39.533	3.462.901	7.496.263	4-C3	20,0	20,0	65	msm	13,0
39.184	3.464.081	7.498.552	4-C3	5,0	20,0	56	msm	10,0	39.535	3.463.684	7.495.977	4-C3	6,0	25,0	67	msm	0,5
39.185	3.463.732	7.498.806	4-C3	5,0	20,0	73	msm	13,0	39.536	3.464.118	7.495.713	4-C3	9,0	20,0	68	msm	13,0
39.186	3.463.213	7.498.859	4-C3	1,0	15,0	54	msm	25,0	39.537	3.464.297	7.495.416	4-C3	8,0	15,0	70	msm	13,0
39.187	3.469.997	7.501.544	4-C3	12,0	15,0	49	msm	ND	39.538	3.464.911	7.495.258	4-C3	13,0	20,0	89	msm	13,0
39.188	3.469.954	7.501.904	4-C3	7,0	10,0	66	msm	13,0	39.539	3.465.134	7.495.512	4-C3	12,0	25,0	56	msm	13,0
39.189	3.469.690	7.502.274	4-C3	5,0	15,0	67	msm	10,0	39.540	3.465.388	7.495.745	4-C3	7,0	15,0	52	msm	13,0
39.190	3.469.393	7.502.645	4-C3	2,0	20,0	76	msm	10,0	39.541	3.465.779	7.495.576	4-C3	7,0	10,0	67	msm	msm
39.191	3.469.065	7.502.041	4-C3	3,0	15,0	68	msm	ND	39.542	3.465.568	7.496.063	4-C3	7,0	15,0	57	msm	0,5
39.192	3.469.118	7.502.465	4-C3	7,0	25,0	74	msm	25,0	39.543	3.465.695	7.496.466	4-C3	9,0	20,0	62	msm	13,0
39.193	3.469.065	7.502.836	4-C3	11,0	25,0	64	msm	10,0	39.544	3.465.906	7.496.752	4-C3	7,0	20,0	58	msm	13,0
39.194	3.468.801	7.503.132	4-C3	10,0	20,0	96	msm	10,0	39.545	3.466.160	7.496.985	4-C3	4,0	15,0	52	msm	13,0
39.195	3.468.409	7.503.736	4-C3	14,0	20,0	122	msm	10,0	39.549	3.465.965	7.500.110	4-C3	8,0	15,0	67	msm	13,0
39.196	3.467.849	7.503.990	4-C3	12,0	30,0	84	msm	13,0	39.553	3.465.595	7.500.502	4-C3	6,0	20,0	53	msm	13,0
39.197	3.467.520	7.503.227	4-C3	17,0	25,0	84	msm	13,0	39.554	3.465.277	7.500.830	4-C3	18,0	15,0	89	msm	13,0
39.198	3.467.721	7.503.598	4-C3	12,0	25,0	57	msm	13,0	39.555	3.465.150	7.501.158	4-C3	1,0	15,0	76	msm	13,0
39.199	3.467.679	7.504.382	4-C3	17,0	30,0	77	msm	13,0	39.556	3.464.706	7.501.444	4-C3	8,0	15,0	71	msm	0,5
39.200	3.467.415	7.504.646	4-C3	24,0	25,0	61	msm	13,0	39.557	3.464.632	7.501.974	4-C3	2,0	20,0	50	msm	3,0
39.501	3.469.462	7.496.510	4-C3	6,0	15,0	60	msm	ND	39.558	3.464.282	7.502.452	4-C3	4,0	15,0	61	msm	13,0
39.502	3.469.230	7.495.969	4-C3	4,0	10,0	59	msm	13,0	39.559	3.463.985	7.502.770	4-C3	6,0	10,0	64	msm	2,0
39.503	3.469.028	7.495.567	4-C3	2,0	15,0	106	msm	ND	39.560	3.463.742	7.503.214	4-C3	3,0	15,0	67	msm	13,0
39.504	3.468.859	7.495.079	4-C3	3,0	25,0	37	msm	ND	39.561	3.463.541	7.503.606	4-C3	msm	15,0	87	msm	13,0
39.505	3.468.520	7.494.645	4-C3	5,0	20,0	73	msm	ND	39.562	3.470.124	7.506.427	4-C3	2,0	10,0	95	msm	13,0
39.506	3.468.478	7.494.189	4-C3	2,0	15,0	61	msm	ND	39.563	3.469.701	7.506.183	4-C3	3,0	20,0	64	msm	0,5
39.507	3.468.372	7.493.871	4-C3	4,0	15,0	66	msm	ND	39.564	3.469.108	7.506.151	4-C3	2,0	15,0	82	msm	0,5
39.508	3.468.848	7.493.893	4-C3	7,0	20,0	62	msm	ND	39.565	3.468.759	7.506.268	4-C3	5,0	10,0	63	msm	13,0
39.509	3.468.245	7.493.426	4-C3	10,0	15,0	55	msm	ND	39.566	3.468.304	7.506.056	4-C3	12,0	0,5	84	msm	13,0
39.510	3.467.917	7.493.055	4-C3	10,0	25,0	81	msm	ND	39.567	3.468.632	7.505.664	4-C3	9,0	10,0	66	msm	0,5
39.511	3.467.303	7.492.833	4-C3	5,0	20,0	50	msm	13,0	39.568	3.469.066	7.505.685	4-C3	13,0	10,0	62	msm	13,0
39.512	3.467.514	7.492.483	4-C3	9,0	15,0	73	msm	13,0	39.569	3.469.585	7.505.527	4-C3	8,0	10,0	59	msm	0,5
39.513	3.467.715	7.492.144	4-C3	13,0	25,0	48	msm	ND	39.570	3.470.040	7.505.336	4-C3	5,0	10,0	78	msm	1,0
39.514	3.467.811	7.491.583	4-C3	9,0	20,0	61	msm	ND	39.571	3.470.262	7.504.997	4-C3	6,0	20,0	106	msm	3,0
39.515	3.467.609	7.491.201	4-C3	8,0	15,0	79	msm	ND	39.572	3.470.325	7.505.601	4-C3	7,0	25,0	53	msm	13,0
39.516	3.468.202	7.492.176	4-C3	6,0	20,0	37	msm	ND	39.573	3.467.817	7.506.193	4-C3	9,0	15,0	63	msm	13,0
39.517	3.468.636	7.492.007	4-C3	6,0	25,0	83	msm	13,0	39.574	3.467.404	7.506.002	4-C3	7,0	20,0	85	msm	13,0
39.518	3.466.922	7.492.885	4-C3	13,0	30,0	64	msm	13,0	39.575	3.466.971	7.506.246	4-C3	10,0	20,0	78	msm	13,0

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
39.576	3.466.621	7.506.479	4-C3	3,0	10,0	79	msm	13,0	39.642	3.465.708	7.484.676	4-D3	16,0	0,5	64	msm	13,0
39.577	3.466.473	7.506.902	4-C3	9,0	15,0	52	msm	20,0	39.644	3.465.909	7.483.871	4-D3	12,0	10,0	46	msm	msm
39.578	3.466.420	7.507.432	4-C3	4,0	15,0	55	msm	13,0	39.645	3.465.824	7.483.521	4-D3	10,0	15,0	89	msm	13,0
39.579	3.466.420	7.507.972	4-C3	msm	msm	msm	msm	11,0	39.647	3.464.438	7.486.784	4-D3	17,0	0,5	62	msm	msm
39.580	3.466.717	7.507.326	4-C3	11,0	20,0	66	msm	25,0	39.648	3.464.195	7.487.091	4-D3	14,0	10,0	69	msm	msm
39.581	3.467.278	7.507.199	4-C3	13,0	20,0	86	msm	30,0	39.649	3.463.930	7.487.038	4-D3	16,0	14,0	88	msm	13,0
39.582	3.467.712	7.507.263	4-C3	1,0	15,0	77	msm	13,0	39.650	3.463.793	7.486.699	4-D3	19,0	15,0	84	msm	msm
39.583	3.467.341	7.508.428	4-C3	3,0	20,0	64	msm	25,0	39.651	3.463.740	7.486.338	4-D3	18,0	0,5	73	msm	msm
39.584	3.466.907	7.508.449	4-C3	3,0	15,0	92	msm	13,0	39.652	3.463.697	7.485.978	4-D3	14,0	10,0	68	msm	msm
39.585	3.466.495	7.508.491	4-C3	2,0	20,0	90	msm	13,0	39.653	3.463.719	7.487.377	4-D3	17,0	10,0	89	msm	msm
39.586	3.466.114	7.508.544	4-C3	3,0	25,0	74	msm	25,0	39.654	3.463.814	7.487.758	4-D3	15,0	0,5	96	msm	13,0
39.587	3.465.754	7.508.872	4-C3	5,0	20,0	51	msm	13,0	39.655	3.463.719	7.488.076	4-D3	12,0	10,0	64	msm	msm
39.588	3.465.309	7.509.148	4-C3	8,0	30,0	57	msm	13,0	39.656	3.463.454	7.488.309	4-D3	16,0	10,0	73	msm	13,0
39.589	3.464.981	7.509.444	4-C3	3,0	25,0	55	msm	25,0	39.657	3.462.946	7.488.308	4-D3	5,0	0,5	52	msm	13,0
39.590	3.464.706	7.509.688	4-C3	6,0	15,0	82	msm	13,0	39.658	3.462.787	7.487.027	4-D3	8,0	10,0	69	msm	13,0
39.591	3.466.643	7.508.735	4-C3	6,0	15,0	51	msm	13,0	39.659	3.462.713	7.487.387	4-D3	8,0	0,5	61	msm	13,0
39.592	3.466.950	7.509.265	4-C3	4,0	15,0	60	msm	13,0	39.660	3.462.682	7.487.736	4-D3	9,0	20,0	93	msm	13,0
39.593	3.467.257	7.509.043	4-C3	9,0	20,0	55	msm	13,0	39.661	3.462.661	7.488.086	4-D3	10,0	10,0	74	msm	msm
39.594	3.458.066	7.478.390	4-D3	15,0	10,0	93	msm	13,0	39.662	3.462.576	7.488.721	4-D3	20,0	10,0	90	msm	msm
39.595	3.458.447	7.478.613	4-D3	11,0	<10	58	msm	13,0	39.663	3.462.396	7.488.859	4-D3	12,0	0,5	88	msm	msm
39.596	3.459.008	7.478.804	4-D3	12,0	15,0	95	msm	13,0	39.664	3.462.153	7.489.134	4-D3	11,0	0,5	80	msm	13,0
39.597	3.459.537	7.478.868	4-D3	13,0	<10	112	msm	13,0	39.665	3.462.084	7.489.271	4-C3	10,0	25,0	69	msm	13,0
39.598	3.460.119	7.479.059	4-D3	9,0	<10	95	msm	13,0	39.666	3.462.148	7.489.716	4-C3	11,0	20,0	71	msm	13,0
39.599	3.460.564	7.479.409	4-D3	14,0	<10	85	msm	13,0	39.667	3.461.788	7.489.514	4-C3	10,0	30,0	58	msm	0,5
39.600	3.460.997	7.479.504	4-D3	9,0	<10	82	msm	13,0	39.668	3.461.481	7.489.768	4-C3	15,0	35,0	64	msm	20,0
39.612	3.466.449	7.487.463	4-D3	4,0	<10	67	msm	msm	39.669	3.461.259	7.489.959	4-C3	16,0	30,0	79	msm	13,0
39.613	3.466.174	7.487.664	4-D3	6,0	<10	79	msm	msm	39.670	3.460.984	7.490.160	4-C3	11,0	25,0	56	msm	15,0
39.614	3.465.952	7.487.981	4-D3	5,0	<10	79	msm	msm	39.671	3.460.698	7.490.414	4-C3	14,0	25,0	65	msm	20,0
39.615	3.465.815	7.488.596	4-D3	12,0	<10	76	msm	13,0	39.672	3.461.005	7.490.785	4-C3	9,0	30,0	58	msm	20,0
39.616	3.465.613	7.488.246	4-D3	12,0	10,0	70	msm	msm	39.673	3.460.481	7.490.817	4-C3	12,0	25,0	75	msm	16,0
39.617	3.465.105	7.488.532	4-D3	12,0	<10	82	msm	msm	39.674	3.460.148	7.490.997	4-C3	3,0	20,0	60	msm	15,0
39.621	3.464.640	7.488.659	4-D3	13,0	<10	119	msm	13,0	39.675	3.459.915	7.491.314	4-C3	9,0	30,0	56	msm	13,0
39.622	3.464.418	7.488.691	4-D3	20,0	<10	115	msm	13,0	39.676	3.459.598	7.491.611	4-C3	6,0	20,0	88	msm	13,0
39.623	3.464.238	7.488.648	4-D3	25,0	10,0	150	msm	13,0	39.677	3.459.566	7.493.899	4-C3	1,0	15,0	65	msm	0,5
39.625	3.463.952	7.488.648	4-D3	13,0	10,0	129	msm	msm	39.678	3.459.937	7.493.751	4-C3	3,0	20,0	65	msm	0,5
39.626	3.464.164	7.489.093	4-D3	13,0	<10	74	msm	msm	39.679	3.460.498	7.493.539	4-C3	2,0	20,0	59	msm	10,0
39.627	3.463.910	7.489.008	4-D3	18,0	15,0	86	msm	msm	39.680	3.460.974	7.493.518	4-C3	2,0	15,0	58	msm	6,0
39.628	3.463.465	7.489.199	4-D3	20,0	10,0	108	msm	msm	39.681	3.461.334	7.493.285	4-C3	msm	20,0	50	msm	0,5
39.629	3.463.476	7.488.743	4-D3	14,0	10,0	110	msm	13,0	39.682	3.461.556	7.493.180	4-C3	2,0	20,0	51	msm	0,5
39.630	3.463.253	7.488.637	4-D3	16,0	<10	112	msm	msm	39.683	3.462.000	7.493.148	4-C3	8,0	15,0	53	msm	0,5
39.631	3.462.968	7.488.542	4-D3	17,0	<10	122	msm	13,0	39.684	3.462.392	7.493.148	4-C3	4,0	10,0	40	msm	13,0
39.632	3.466.576	7.485.545	4-D3	7,0	10,0	69	msm	13,0	39.686	3.462.265	7.492.661	4-C3	4,0	15,0	54	msm	13,0
39.634	3.465.814	7.486.117	4-D3	4,0	10,0	83	msm	msm	39.687	3.462.127	7.492.449	4-C3	4,0	15,0	44	msm	13,0
39.635	3.465.401	7.486.360	4-D3	8,0	<10	77	msm	msm	39.688	3.462.466	7.492.121	4-C3	6,0	10,0	57	msm	0,5
39.636	3.465.010	7.486.519	4-D3	13,0	10,0	76	msm	13,0	39.689	3.462.625	7.492.354	4-C3	13,0	20,0	61	msm	20,0
39.637	3.464.893	7.486.297	4-D3	8,0	10,0	45	msm	13,0	39.690	3.462.709	7.491.898	4-C3	5,0	10,0	59	msm	13,0
39.638	3.465.042	7.485.936	4-D3	20,0	<10	68	msm	13,0	39.691	3.462.773	7.490.892	4-C3	2,0	15,0	61	msm	13,0
39.639	3.465.412	7.485.640	4-D3	11,0	10,0	68	msm	13,0	39.692	3.462.445	7.491.241	4-C3	6,0	15,0	63	msm	13,0
39.640	3.465.571	7.485.259	4-D3	2,0	<10	58	msm	13,0	39.693	3.462.064	7.491.453	4-C3	8,0	20,0	53	msm	13,0
39.641	3.465.676	7.484.962	4-D3	4,0	<10	73	msm	13,0	39.694	3.461.778	7.491.760	4-C3	10,0	20,0	47	msm	13,0

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
39.695	3.461.450	7.492.067	4-C3	1,0	15,0	42	msm	13,0	39.745	3.468.385	7.516.109	4-C3	10,0	45,0	102	msm	80,0
39.696	3.460.974	7.492.279	4-C3	3,0	15,0	38	msm	25,0	39.746	3.468.163	7.515.685	4-C3	13,0	35,0	89	msm	13,0
39.697	3.460.519	7.492.469	4-C3	4,0	20,0	35	msm	40,0	39.747	3.467.792	7.515.473	4-C3	13,0	20,0	51	msm	20,0
39.698	3.460.117	7.492.755	4-C3	2,0	20,0	33	msm	80,0	39.748	3.467.348	7.515.547	4-C3	10,0	35,0	83	msm	13,0
39.699	3.459.852	7.493.179	4-C3	3,0	20,0	41	msm	13,0	39.749	3.466.819	7.515.462	4-C3	9,0	25,0	65	msm	20,0
39.700	3.459.439	7.493.496	4-C3	4,0	10,0	39	msm	25,0	39.750	3.466.353	7.515.515	4-C3	10,0	30,0	85	msm	70,0
39.701	3.469.569	7.509.743	4-C3	10,0	25,0	52	msm	13,0	39.751	3.465.866	7.515.716	4-C3	7,0	25,0	66	msm	13,0
39.702	3.469.284	7.509.923	4-C3	9,0	15,0	47	msm	13,0	39.752	3.471.422	7.510.740	4-C3	12,0	25,0	56	msm	20,0
39.703	3.469.009	7.510.145	4-C3	13,0	25,0	52	msm	13,0	39.753	3.471.263	7.511.131	4-C3	10,0	20,0	54	msm	60,0
39.704	3.468.617	7.510.124	4-C3	6,0	20,0	71	msm	80,0	39.754	3.470.935	7.511.280	4-C3	5,0	15,0	37	msm	13,0
39.705	3.468.067	7.510.177	4-C3	3,0	15,0	42	msm	36,0	39.755	3.470.543	7.511.385	4-C3	9,0	20,0	54	msm	13,0
39.706	3.467.654	7.510.293	4-C3	6,0	20,0	50	msm	100,0	39.756	3.470.109	7.511.565	4-C3	11,0	25,0	47	msm	20,0
39.707	3.467.283	7.510.314	4-C3	7,0	20,0	56	msm	13,0	39.757	3.469.855	7.511.883	4-C3	14,0	25,0	87	msm	20,0
39.708	3.466.744	7.510.112	4-C3	7,0	15,0	50	msm	13,0	39.758	3.469.305	7.512.031	4-C3	10,0	30,0	61	msm	13,0
39.709	3.466.426	7.510.388	4-C3	9,0	20,0	66	msm	13,0	39.759	3.468.776	7.512.126	4-C3	10,0	15,0	58	msm	13,0
39.710	3.466.066	7.510.684	4-C3	5,0	20,0	39	msm	13,0	39.760	3.468.723	7.512.582	4-C3	31,0	30,0	138	msm	20,0
39.711	3.465.781	7.510.959	4-C3	7,0	25,0	42	msm	36,0	39.761	3.468.363	7.512.391	4-C3	15,0	21,0	89	msm	20,0
39.712	3.465.527	7.511.235	4-C3	6,0	20,0	39	msm	13,0	39.762	3.468.025	7.512.581	4-C3	10,0	15,0	68	msm	13,0
39.713	3.469.421	7.510.919	4-C3	6,0	15,0	43	msm	13,0	39.763	3.467.951	7.512.899	4-C3	16,0	9,0	66	msm	20,0
39.714	3.469.358	7.511.205	4-C3	10,0	25,0	47	msm	30,0	39.764	3.467.739	7.512.740	4-C3	16,0	9,0	86	msm	20,0
39.715	3.469.125	7.510.876	4-C3	9,0	25,0	51	msm	20,0	39.765	3.467.707	7.513.132	4-C3	20,0	3,0	77	msm	13,0
39.716	3.468.702	7.510.844	4-C3	12,0	25,0	62	msm	13,0	39.766	3.467.284	7.512.888	4-C3	18,0	21,0	66	msm	50,0
39.717	3.468.321	7.510.982	4-C3	15,0	20,0	54	msm	13,0	39.767	3.467.295	7.513.195	4-C3	11,0	6,0	75	msm	13,0
39.718	3.467.834	7.511.003	4-C3	11,0	30,0	50	msm	13,0	39.768	3.466.924	7.513.026	4-C3	10,0	6,0	60	msm	20,0
39.719	3.467.358	7.511.119	4-C3	19,0	25,0	37	msm	10,0	39.769	3.466.490	7.512.962	4-C3	11,0	15,0	61	msm	20,0
39.720	3.466.987	7.511.373	4-C3	14,0	15,0	53	msm	30,0	39.770	3.466.077	7.512.972	4-C3	11,0	18,0	48	msm	13,0
39.721	3.466.659	7.511.638	4-C3	15,0	20,0	56	msm	30,0	39.771	3.465.760	7.512.887	4-C3	10,0	15,0	60	msm	13,0
39.722	3.466.310	7.511.955	4-C3	15,0	30,0	60	msm	80,0	39.772	3.465.442	7.512.930	4-C3	8,0	10,0	77	msm	13,0
39.723	3.465.918	7.511.839	4-C3	11,0	30,0	46	msm	30,0	39.773	3.465.030	7.513.321	4-C3	9,0	11,0	60	msm	13,0
39.724	3.465.358	7.511.817	4-C3	15,0	20,0	48	msm	40,0	39.774	3.464.670	7.513.819	4-C3	8,0	9,0	54	msm	20,0
39.725	3.466.045	7.511.468	4-C3	11,0	20,0	44	msm	60,0	39.775	3.467.760	7.513.662	4-C3	4,0	11,0	58	msm	20,0
39.726	3.472.534	7.514.511	4-C3	13,0	25,0	33	msm	50,0	39.776	3.467.295	7.513.778	4-C3	10,0	14,0	71	msm	13,0
39.727	3.472.206	7.514.903	4-C3	15,0	25,0	57	msm	20,0	39.777	3.466.861	7.513.640	4-C3	5,0	14,0	60	msm	25,0
39.728	3.472.534	7.515.168	4-C3	15,0	30,0	50	msm	30,0	39.778	3.466.469	7.513.650	4-C3	5,0	8,0	57	msm	13,0
39.729	3.472.872	7.515.433	4-C3	15,0	30,0	54	msm	30,0	39.779	3.466.130	7.513.587	4-C3	4,0	16,0	60	msm	13,0
39.730	3.472.523	7.515.613	4-C3	13,0	30,0	58	msm	20,0	39.780	3.465.749	7.513.862	4-C3	7,0	23,0	77	msm	13,0
39.731	3.472.110	7.515.422	4-C3	20,0	60,0	110	msm	34,0	39.781	3.465.400	7.514.222	4-C3	5,0	20,0	69	msm	13,0
39.732	3.471.941	7.515.115	4-C3	15,0	55,0	57	msm	20,0	39.782	3.465.136	7.514.550	4-C3	5,0	17,0	58	msm	13,0
39.733	3.471.666	7.515.327	4-C3	9,0	50,0	66	msm	13,0	39.783	3.459.939	7.476.696	4-D3	4,0	0,5	40	msm	msm
39.734	3.471.370	7.515.570	4-C3	12,0	90,0	76	msm	13,0	39.784	3.460.404	7.476.824	4-D3	10,0	0,5	63	msm	13,0
39.735	3.471.285	7.515.856	4-C3	10,0	45,0	83	msm	13,0	39.785	3.460.796	7.476.813	4-D3	10,0	0,5	93	msm	msm
39.736	3.471.592	7.516.121	4-C3	10,0	40,0	63	msm	13,0	39.786	3.461.209	7.476.782	4-D3	22,0	0,5	86	msm	13,0
39.737	3.470.819	7.515.941	4-C3	9,0	45,0	57	msm	13,0	39.787	3.461.600	7.476.877	4-D3	21,0	0,5	70	msm	13,0
39.738	3.470.460	7.516.205	4-C3	11,0	50,0	66	msm	36,0	39.788	3.461.939	7.477.100	4-D3	16,0	0,5	66	msm	msm
39.739	3.470.131	7.516.470	4-C3	10,0	50,0	130	msm	14,0	39.789	3.462.257	7.477.322	4-D3	19,0	0,5	93	msm	msm
39.740	3.470.354	7.516.894	4-C3	24,0	30,0	118	msm	30,0	39.790	3.462.606	7.477.524	4-D3	13,0	10,0	36	msm	13,0
39.741	3.469.719	7.516.671	4-C3	10,0	25,0	74	msm	40,0	39.791	3.462.976	7.477.694	4-D3	15,0	10,0	115	msm	13,0
39.742	3.469.338	7.516.841	4-C3	14,0	40,0	97	msm	13,0	39.792	3.463.378	7.477.768	4-D3	25,0	10,0	90	msm	13,0
39.743	3.468.946	7.516.830	4-C3	12,0	40,0	90	msm	13,0	39.793	3.463.654	7.477.853	4-D3	26,0	0,5	62	msm	13,0
39.744	3.468.607	7.516.491	4-C3	12,0	45,0	100	msm	20,0	39.794	3.464.035	7.477.249	4-D3	20,0	0,5	66	msm	msm

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
39.795	3.463.770	7.477.005	4-D3	18,0	10,0	102	msm	msm	39.915	3.459.346	7.478.084	4-D3	27,0	5,0	71	msm	13,0
39.796	3.463.421	7.476.836	4-D3	14,0	10,0	46	msm	13,0	39.916	3.462.077	7.480.056	4-D3	22,0	15,0	101	msm	13,0
39.797	3.463.071	7.476.719	4-D3	21,0	10,0	70	msm	13,0	39.917	3.462.426	7.480.215	4-D3	20,0	3,0	59	msm	13,0
39.798	3.462.722	7.476.581	4-D3	19,0	<10	68	msm	13,0	39.918	3.462.807	7.480.215	4-D3	29,0	11,0	98	msm	13,0
39.799	3.462.330	7.476.496	4-D3	14,0	<10	47	msm	13,0	39.919	3.463.231	7.480.151	4-D3	10,0	8,0	68	msm	13,0
39.800	3.461.960	7.476.358	4-D3	16,0	<10	53	msm	13,0	39.920	3.463.654	7.480.120	4-D3	20,0	12,0	90	msm	13,0
39.801	3.467.425	7.505.165	4-C3	12,0	11,0	46	msm	13,0	39.921	3.463.993	7.479.993	4-D3	10,0	19,0	75	msm	13,0
39.802	3.467.203	7.504.964	4-C3	8,0	12,0	39	msm	13,0	39.922	3.465.866	7.478.235	4-D3	15,0	28,0	81	msm	13,0
39.803	3.466.949	7.505.229	4-C3	11,0	29,0	62	msm	13,0	39.923	3.466.300	7.478.235	4-D3	7,0	9,0	69	msm	13,0
39.804	3.467.140	7.505.367	4-C3	7,0	16,0	34	msm	13,0	39.925	3.467.093	7.478.501	4-D3	22,0	12,0	82	msm	13,0
39.805	3.466.748	7.505.472	4-C3	14,0	24,0	43	msm	13,0	39.926	3.467.506	7.478.448	4-D3	4,0	17,0	114	msm	13,0
39.806	3.466.526	7.505.822	4-C3	20,0	24,0	64	msm	msm	39.927	3.467.961	7.478.374	4-D3	7,0	5,0	51	msm	13,0
39.807	3.466.187	7.506.108	4-C3	10,0	15,0	47	msm	13,0	39.928	3.468.533	7.478.406	4-D3	7,0	9,0	39	msm	msm
39.808	3.466.071	7.505.705	4-C3	12,0	26,0	59	msm	msm	39.929	3.468.998	7.478.173	4-D3	5,0	8,0	52	msm	msm
39.809	3.465.976	7.506.383	4-C3	9,0	22,0	45	msm	13,0	39.930	3.466.553	7.475.778	4-D3	4,0	16,0	51	msm	msm
39.810	3.465.605	7.506.499	4-C3	1,0	7,0	50	msm	13,0	39.931	3.466.034	7.472.324	4-D3	4,0	11,0	63	msm	msm
39.811	3.465.277	7.506.775	4-C3	12,0	18,0	47	msm	13,0	39.932	3.466.849	7.472.261	4-D3	7,0	33,0	52	msm	msm
39.812	3.464.949	7.507.029	4-C3	14,0	9,0	52	msm	13,0	39.933	3.467.346	7.471.922	4-D3	4,0	10,0	84	msm	msm
39.813	3.464.589	7.507.177	4-C3	15,0	40,0	50	msm	13,0	39.934	3.467.410	7.471.541	4-D3	5,0	21,0	71	msm	msm
39.814	3.464.314	7.507.028	4-C3	9,0	20,0	50	msm	13,0	39.935	3.467.367	7.471.329	4-D3	2,0	16,0	74	msm	msm
39.815	3.469.701	7.498.946	4-C3	6,0	19,0	40	msm	13,0	39.936	3.466.891	7.471.127	4-D3	5,0	11,0	48	msm	13,0
39.816	3.469.955	7.498.544	4-C3	26,0	43,0	119	msm	13,0	39.937	3.465.538	7.479.930	4-D3	13,0	27,0	80	msm	13,0
39.817	3.470.442	7.498.375	4-C3	24,0	21,0	108	msm	13,0	39.938	3.465.908	7.480.057	4-D3	8,0	30,0	104	msm	13,0
39.818	3.470.854	7.498.290	4-C3	18,0	21,0	70	msm	ND	39.939	3.466.236	7.480.015	4-D3	5,0	6,0	67	msm	msm
39.819	3.471.151	7.497.983	4-C3	26,0	21,0	99	msm	13,0	39.940	3.466.639	7.479.994	4-D3	msm	11,0	76	msm	13,0
39.820	3.471.394	7.497.697	4-C3	19,0	15,0	70	msm	13,0	39.941	3.467.051	7.479.952	4-D3	msm	24,0	56	msm	13,0
39.821	3.471.765	7.497.528	4-C3	18,0	13,0	64	msm	13,0	39.942	3.467.453	7.479.825	4-D3	7,0	18,0	83	msm	13,0
39.822	3.472.156	7.497.507	4-C3	20,0	22,0	67	msm	13,0	39.943	3.467.803	7.479.571	4-D3	8,0	8,0	78	msm	13,0
39.823	3.472.527	7.497.613	4-C3	14,0	18,0	66	msm	ND	39.944	3.466.246	7.476.837	4-D3	4,0	11,0	105	msm	13,0
39.824	3.472.982	7.497.677	4-C3	22,0	8,0	67	msm	ND	39.945	3.466.649	7.476.689	4-D3	3,0	8,0	63	msm	msm
39.825	3.472.537	7.498.047	4-C3	11,0	15,0	33	msm	13,0	39.946	3.466.955	7.476.498	4-D3	2,0	10,0	99	msm	msm
39.826	3.472.759	7.498.185	4-C3	13,0	12,0	50	msm	13,0	39.947	3.467.273	7.476.287	4-D3	3,0	11,0	113	msm	13,0
39.827	3.473.363	7.497.539	4-C3	14,0	25,0	65	msm	13,0	39.948	3.467.569	7.475.874	4-D3	1,0	20,0	55	msm	msm
39.828	3.473.595	7.497.126	4-C3	20,0	24,0	87	msm	13,0	39.949	3.468.014	7.475.757	4-D3	4,0	8,0	66	msm	13,0
39.836	3.473.659	7.498.111	4-C3	14,0	19,0	50	msm	13,0	39.950	3.468.437	7.475.609	4-D3	5,0	4,0	58	msm	msm
39.837	3.473.320	7.496.893	4-C3	20,0	19,0	52	msm	13,0	39.951	3.468.966	7.475.588	4-D3	5,0	5,0	50	msm	msm
39.838	3.473.140	7.496.458	4-C3	19,0	18,0	71	msm	13,0	39.952	3.465.653	7.470.608	4-D3	8,0	6,0	65	msm	msm
39.901	3.461.347	7.479.674	4-D3	14,0	15,0	92	msm	msm	39.953	3.465.325	7.470.915	4-D3	7,0	42,0	30	msm	msm
39.903	3.462.141	7.479.822	4-D3	13,0	5,0	78	msm	13,0	39.954	3.465.007	7.470.819	4-D3	8,0	5,0	88	msm	13,0
39.904	3.462.511	7.479.791	4-D3	18,0	12,0	82	msm	13,0	39.955	3.464.679	7.470.692	4-D3	1,0	11,0	39	msm	msm
39.905	3.462.839	7.479.441	4-D3	15,0	10,0	61	msm	msm	39.956	3.466.541	7.469.273	4-D3	19,0	24,0	43	msm	13,0
39.906	3.463.156	7.479.198	4-D3	20,0	14,0	64	msm	13,0	39.957	3.466.870	7.469.125	4-D3	msm	7,0	29	msm	13,0
39.907	3.462.553	7.478.753	4-D3	16,0	6,0	62	msm	13,0	39.958	3.467.145	7.468.850	4-D3	3,0	12,0	27	msm	13,0
39.908	3.462.130	7.478.710	4-D3	14,0	7,0	67	msm	msm	39.959	3.467.367	7.468.564	4-D3	1,0	27,0	32	msm	13,0
39.909	3.461.696	7.478.625	4-D3	15,0	12,0	56	msm	msm	39.960	3.467.716	7.468.373	4-D3	10,0	32,0	35	msm	13,0
39.910	3.461.442	7.478.350	4-D3	15,0	8,0	57	msm	13,0	39.961	3.466.594	7.469.824	4-D3	8,0	25,0	27	msm	13,0
39.911	3.461.040	7.477.852	4-D3	18,0	7,0	86	msm	msm	39.962	3.466.711	7.470.110	4-D3	10,0	19,0	29	msm	13,0
39.912	3.460.976	7.478.424	4-D3	22,0	20,0	73	msm	13,0	39.963	3.467.018	7.469.845	4-D3	3,0	33,0	18	msm	25,0
39.913	3.460.468	7.478.180	4-D3	31,0	6,0	86	msm	13,0	39.964	3.467.346	7.469.665	4-D3	2,0	26,0	25	msm	25,0
39.914	3.459.949	7.478.021	4-D3	18,0	2,0	66	msm	msm	39.965	3.467.716	7.469.454	4-D3	1,0	27,0	27	msm	25,0

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
39.966	3.466.859	7.468.341	4-D3	6,0	27,0	29	msm	10,0	40.664	3.456.144	7.540.011	4-B3	12,0	17,0	38	msm	5,0
39.967	3.466.774	7.468.691	4-D3	8,0	22,0	25	msm	13,0	40.674	3.454.968	7.537.394	4-B3	9,0	6,0	44	msm	13,0
39.968	3.466.658	7.470.788	4-D3	4,0	18,0	25	msm	13,0	40.678	3.453.201	7.537.244	4-B3	13,0	4,0	42	msm	13,0
39.969	3.466.965	7.470.555	4-D3	6,0	20,0	22	msm	13,0	40.680	3.464.745	7.520.162	4-B3	10,0	14,0	52	msm	0,5
39.970	3.467.304	7.470.259	4-D3	2,0	23,0	23	msm	25,0	40.681	3.465.316	7.520.056	4-B3	13,0	6,0	55	msm	5,0
39.971	3.467.388	7.469.909	4-D3	7,0	24,0	20	msm	25,0	40.682	3.465.740	7.520.088	4-B3	15,0	7,0	78	msm	13,0
39.972	3.467.431	7.469.718	4-D3	5,0	16,0	27	msm	13,0	40.683	3.466.142	7.520.131	4-B3	5,0	8,0	48	msm	0,5
40.201	3.461.537	7.476.210	4-D3	4,0	6,0	76	msm	msm	40.684	3.466.682	7.520.194	4-B3	4,0	6,0	49	msm	13,0
40.202	3.461.283	7.475.987	4-D3	3,0	22,0	32	msm	13,0	40.685	3.467.020	7.520.385	4-B3	7,0	21,0	70	msm	13,0
40.203	3.460.944	7.475.913	4-D3	5,0	22,0	59	msm	msm	40.686	3.467.518	7.520.354	4-B3	6,0	10,0	52	msm	0,5
40.204	3.460.648	7.475.987	4-D3	8,0	19,0	60	msm	msm	40.687	3.467.962	7.520.237	4-B3	6,0	22,0	61	msm	13,0
40.205	3.464.944	7.475.226	4-D3	15,0	14,0	24	msm	msm	40.688	3.468.534	7.520.566	4-B3	9,0	10,0	54	msm	13,0
40.206	3.464.680	7.475.046	4-D3	21,0	26,0	77	msm	13,0	40.689	3.468.978	7.520.662	4-B3	12,0	15,0	120	msm	0,5
40.207	3.464.405	7.474.950	4-D3	15,0	7,0	38	msm	13,0	40.690	3.469.402	7.520.789	4-B3	23,0	8,0	292	msm	28,0
40.208	3.464.098	7.474.823	4-D3	10,0	28,0	46	msm	msm	40.691	3.469.772	7.521.012	4-B3	16,0	25,0	93	msm	0,5
40.209	3.464.151	7.474.728	4-D3	11,0	6,0	36	msm	msm	40.692	3.470.121	7.521.277	4-B3	23,0	35,0	78	msm	25,0
40.210	3.464.405	7.474.611	4-D3	14,0	13,0	38	msm	msm	40.693	3.470.545	7.521.436	4-B3	21,0	28,0	77	msm	0,5
40.211	3.464.711	7.474.336	4-D3	6,0	15,0	58	msm	13,0	40.694	3.470.958	7.521.330	4-B3	14,0	25,0	182	msm	0,5
40.212	3.463.812	7.474.696	4-D3	9,0	8,0	56	msm	msm	40.695	3.471.360	7.521.097	4-B3	14,0	30,0	63	msm	0,5
40.213	3.463.505	7.474.526	4-D3	4,0	13,0	54	msm	13,0	40.696	3.471.857	7.521.171	4-B3	12,0	20,0	78	msm	5,0
40.214	3.463.134	7.474.335	4-D3	6,0	26,0	28	msm	msm	40.697	3.472.291	7.521.140	4-B3	6,0	27,0	61	msm	13,0
40.215	3.462.796	7.474.219	4-D3	5,0	34,0	42	msm	msm	40.698	3.472.704	7.521.002	4-B3	7,0	25,0	57	msm	10,0
40.216	3.462.415	7.474.144	4-D3	5,0	9,0	45	msm	msm	40.699	3.472.799	7.522.464	4-B3	11,0	30,0	53	msm	13,0
40.217	3.462.108	7.474.165	4-D3	2,0	12,0	45	msm	msm	40.700	3.472.598	7.522.856	4-B3	12,0	14,0	54	msm	0,5
40.218	3.465.951	7.480.947	4-D3	11,0	18,0	51	msm	msm	40.870	3.460.207	7.537.460	4-B3	8,0	17,0	32	msm	25,0
40.219	3.466.321	7.481.106	4-D3	12,0	30,0	59	msm	13,0	40.880	3.454.067	7.528.780	4-B3	11,0	21,0	40	msm	5,0
40.220	3.466.713	7.481.096	4-D3	13,0	29,0	47	msm	msm	40.884	3.454.025	7.530.380	4-B3	8,0	21,0	42	msm	13,0
40.221	3.467.041	7.480.831	4-D3	10,0	28,0	42	msm	13,0	40.889	3.454.026	7.532.107	4-B3	17,0	21,0	44	msm	5,0
40.222	3.467.337	7.480.439	4-D3	8,0	19,0	44	msm	msm	40.893	3.454.428	7.533.537	4-B3	8,0	34,0	39	msm	5,0
40.223	3.467.824	7.480.365	4-D3	8,0	26,0	34	msm	13,0	40.895	3.454.523	7.534.130	4-B3	13,0	46,0	15	msm	10,0
40.224	3.468.290	7.480.122	4-D3	5,0	13,0	72	msm	13,0	40.898	3.454.248	7.535.423	4-B3	14,0	41,0	41	msm	5,0
40.225	3.468.745	7.480.016	4-D3	5,0	10,0	32	msm	msm	40.899	3.459.982	7.518.602	4-B3	10,0	47,0	5	msm	0,5
40.226	3.466.617	7.477.377	4-D3	11,0	12,0	100	msm	13,0	40.900	3.459.527	7.518.570	4-B3	10,0	47,0	4	msm	20,0
40.227	3.467.072	7.477.462	4-D3	4,0	15,0	76	msm	13,0	40.906	3.447.642	7.525.281	4-B3	11,0	35,0	6	msm	0,5
40.228	3.467.517	7.477.420	4-D3	7,0	17,0	86	msm	13,0	40.907	3.447.896	7.525.599	4-B3	11,0	39,0	4	msm	5,0
40.229	3.467.855	7.477.060	4-D3	6,0	19,0	79	msm	13,0	40.908	3.448.161	7.525.843	4-B3	10,0	40,0	2	msm	0,5
40.230	3.468.120	7.476.732	4-D3	8,0	29,0	40	msm	msm	40.909	3.448.658	7.526.108	4-B3	12,0	35,0	10	msm	0,5
40.231	3.468.479	7.476.499	4-D3	3,0	20,0	56	msm	13,0	40.910	3.449.495	7.526.236	4-B3	14,0	44,0	21	msm	5,0
40.232	3.468.829	7.476.404	4-D3	2,0	23,0	75	msm	13,0	40.911	3.449.749	7.526.469	4-B3	13,0	40,0	6	msm	13,0
40.233	3.465.549	7.481.752	4-D3	10,0	26,0	85	msm	msm	40.912	3.449.971	7.526.755	4-B3	11,0	42,0	15	msm	5,0
40.234	3.465.538	7.481.551	4-D3	11,0	18,0	66	msm	13,0	40.913	3.450.299	7.527.126	4-B3	13,0	43,0	17	msm	0,5
40.235	3.465.675	7.476.286	4-D3	6,0	20,0	82	msm	msm	40.914	3.450.479	7.527.666	4-B3	13,0	37,0	12	msm	0,5
40.236	3.466.130	7.476.148	4-D3	5,0	25,0	101	msm	msm	40.915	3.450.797	7.528.164	4-B3	15,0	46,0	29	msm	0,5
40.237	3.466.532	7.476.032	4-D3	7,0	29,0	50	msm	msm	40.916	3.450.829	7.528.821	4-B3	13,0	36,0	30	msm	5,0
40.238	3.466.902	7.475.969	4-D3	6,0	24,0	75	msm	13,0	40.917	3.451.167	7.529.383	4-B3	12,0	39,0	29	msm	13,0
40.239	3.467.209	7.475.810	4-D3	6,0	36,0	37	msm	13,0	40.923	3.451.962	7.532.667	4-B3	10,0	35,0	27	msm	5,0
40.240	3.467.453	7.475.439	4-D3	6,0	42,0	97	msm	13,0	40.926	3.453.560	7.533.907	4-B3	12,0	33,0	16	msm	0,5
40.241	3.467.887	7.475.164	4-D3	8,0	22,0	59	msm	13,0	40.930	3.454.079	7.535.423	4-B3	10,0	36,0	10	msm	5,0
40.242	3.468.172	7.474.931	4-D3	5,0	19,0	95	msm	msm	40.934	3.455.212	7.536.906	4-B3	8,0	9,0	38	msm	5,0
40.243	3.468.458	7.474.762	4-D3	5,0	18,0	48	msm	msm	40.940	3.457.064	7.539.195	4-B3	4,0	9,0	30	msm	0,5

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm	MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
40.944	3.457.678	7.540.859	4-B3	8,0	8,0	42	msm	13,0	41.041	3.463.682	7.523.922	4-B3	24,0	24,0	642	msm	13,0
40.946	3.469.923	7.537.496	4-B3	30,0	13,0	51	msm	5,0	41.042	3.463.020	7.524.271	4-B3	19,0	22,0	503	msm	25,0
40.950	3.469.246	7.536.489	4-B3	12,0	35,0	54	msm	ND	41.043	3.462.925	7.524.663	4-B3	26,0	18,0	784	msm	50,0
40.952	3.468.568	7.537.220	4-B3	14,0	15,0	57	msm	13,0	41.044	3.462.650	7.524.896	4-B3	19,0	22,0	447	msm	25,0
40.954	3.467.722	7.536.838	4-B3	11,0	32,0	90	msm	ND	41.045	3.462.438	7.525.150	4-B3	13,0	30,0	99	msm	0,5
40.958	3.466.113	7.536.837	4-B3	14,0	14,0	56	msm	13,0	41.046	3.462.380	7.525.532	4-B3	14,0	23,0	421	msm	13,0
40.961	3.464.811	7.536.519	4-B3	13,0	12,0	59	msm	ND	41.047	3.462.264	7.525.881	4-B3	1,0	26,0	474	msm	0,5
40.963	3.464.017	7.537.059	4-B3	12,0	4,0	51	msm	13,0	41.048	3.462.137	7.526.284	4-B3	16,0	22,0	440	msm	13,0
40.966	3.462.483	7.537.641	4-B3	13,0	7,0	45	msm	ND	41.049	3.461.936	7.526.760	4-B3	18,0	35,0	435	msm	13,0
40.968	3.460.684	7.537.343	4-B3	15,0	3,0	48	msm	ND	41.050	3.461.581	7.527.311	4-B3	15,0	26,0	476	msm	13,0
40.975	3.458.525	7.538.274	4-B3	9,0	28,0	38	msm	13,0	41.056	3.461.466	7.529.949	4-B3	33,0	23,0	652	msm	0,5
41.001	3.459.156	7.518.708	4-B3	6,0	30,0	49	msm	ND	41.060	3.461.117	7.531.665	4-B3	13,0	36,0	281	msm	0,5
41.002	3.458.680	7.518.845	4-B3	4,0	23,0	44	msm	ND	41.062	3.460.979	7.532.650	4-B3	8,0	35,0	356	msm	0,5
41.003	3.458.299	7.519.046	4-B3	5,0	21,0	38	msm	ND	41.066	3.460.905	7.534.123	4-B3	12,0	28,0	312	msm	0,5
41.004	3.457.992	7.519.279	4-B3	10,0	25,0	38	msm	ND	41.070	3.461.043	7.535.606	4-B3	7,0	25,0	90	msm	0,5
41.005	3.457.844	7.519.745	4-B3	9,0	23,0	44	msm	ND	41.073	3.460.959	7.536.358	4-B3	9,0	31,0	310	msm	13,0
41.006	3.457.675	7.520.031	4-B3	9,0	29,0	48	msm	13,0	41.076	3.459.382	7.537.194	4-B3	8,0	36,0	270	msm	0,5
41.007	3.457.347	7.520.338	4-B3	7,0	26,0	38	msm	ND	41.080	3.458.419	7.537.808	4-B3	10,0	7,0	84	msm	10,0
41.008	3.457.061	7.520.677	4-B3	6,0	24,0	38	msm	ND	41.083	3.457.848	7.539.736	4-B3	12,0	40,0	98	msm	10,0
41.009	3.456.786	7.521.090	4-B3	5,0	33,0	43	msm	ND	41.101	3.472.270	7.523.195	4-B3	11,0	41,0	60	msm	0,5
41.010	3.456.580	7.521.503	4-B3	5,0	25,0	42	msm	ND	41.102	3.471.942	7.523.576	4-B3	7,0	40,0	52	msm	0,5
41.011	3.456.373	7.521.948	4-B3	6,0	31,0	49	msm	13,0	41.103	3.471.709	7.523.989	4-B3	11,0	34,0	48	msm	0,5
41.012	3.456.183	7.522.361	4-B3	9,0	29,0	72	msm	13,0	41.104	3.471.466	7.524.392	4-B3	17,0	28,0	61	msm	0,5
41.013	3.455.871	7.522.848	4-B3	4,0	32,0	33	msm	13,0	41.105	3.470.905	7.524.709	4-B3	18,0	26,0	76	msm	13,0
41.014	3.455.781	7.523.325	4-B3	6,0	23,0	32	msm	ND	41.106	3.470.630	7.525.069	4-B3	19,0	17,0	65	msm	0,5
41.015	3.455.696	7.523.802	4-B3	4,0	25,0	33	msm	ND	41.107	3.470.249	7.525.302	4-B3	16,0	12,0	48	msm	0,5
41.016	3.455.453	7.524.194	4-B3	6,0	26,0	57	msm	13,0	41.108	3.470.027	7.525.715	4-B3	14,0	13,0	55	msm	0,5
41.017	3.454.940	7.524.426	4-B3	5,0	24,0	31	msm	ND	41.109	3.469.805	7.526.160	4-B3	7,0	16,0	39	msm	0,5
41.018	3.454.485	7.524.511	4-B3	4,0	22,0	35	msm	ND	41.110	3.469.456	7.526.563	4-B3	8,0	16,0	34	msm	0,5
41.019	3.454.199	7.524.712	4-B3	6,0	22,0	35	msm	ND	41.111	3.469.159	7.526.923	4-B3	10,0	17,0	39	msm	0,5
41.020	3.454.151	7.525.327	4-B3	5,0	30,0	30	msm	ND	41.112	3.468.884	7.527.304	4-B3	11,0	12,0	166	msm	0,5
41.021	3.454.088	7.525.846	4-B3	10,0	39,0	34	msm	ND	41.113	3.468.577	7.527.728	4-B3	10,0	19,0	37	msm	0,5
41.022	3.453.950	7.526.227	4-B3	13,0	48,0	41	msm	13,0	41.114	3.468.302	7.528.109	4-B3	15,0	12,0	99	msm	0,5
41.024	3.466.067	7.517.016	4-B3	16,0	24,0	24	msm	ND	41.115	3.468.112	7.528.585	4-B3	18,0	16,0	50	msm	0,5
41.025	3.465.951	7.517.366	4-B3	28,0	26,0	960	msm	75,0	41.116	3.467.932	7.529.083	4-B3	15,0	17,0	53	msm	13,0
41.026	3.465.866	7.517.789	4-B3	19,0	24,0	519	msm	ND	41.117	3.467.816	7.529.666	4-B3	20,0	11,0	79	msm	3,0
41.027	3.465.686	7.518.033	4-B3	29,0	23,0	703	msm	25,0	41.118	3.467.583	7.530.111	4-B3	18,0	8,0	55	msm	3,0
41.028	3.465.464	7.518.361	4-B3	21,0	18,0	752	msm	13,0	41.119	3.467.340	7.530.587	4-B3	15,0	12,0	38	msm	0,5
41.029	3.465.316	7.518.711	4-B3	38,0	23,0	1.158	msm	90,0	41.120	3.467.213	7.531.308	4-B3	26,0	10,0	66	msm	0,5
41.030	3.465.073	7.519.198	4-B3	22,0	13,0	692	msm	13,0	41.217	3.465.054	7.536.339	4-B3	9,0	21,0	34	msm	5,0
41.031	3.464.755	7.519.600	4-B3	20,0	16,0	681	msm	50,0	41.219	3.465.382	7.535.068	4-B3	13,0	12,0	34	msm	5,0
41.032	3.464.512	7.519.982	4-B3	20,0	19,0	665	msm	13,0	41.223	3.465.954	7.533.331	4-B3	13,0	4,0	37	msm	5,0
41.033	3.464.618	7.520.416	4-B3	21,0	24,0	592	msm	13,0	41.226	3.467.054	7.532.611	4-B3	17,0	6,0	48	msm	5,0
41.034	3.464.830	7.520.861	4-B3	21,0	20,0	675	msm	25,0	41.227	3.467.679	7.532.378	4-B3	19,0	7,0	391	msm	30,0
41.035	3.464.586	7.521.348	4-B3	31,0	17,0	957	msm	50,0	41.230	3.468.980	7.533.131	4-B3	17,0	7,0	48	msm	5,0
41.036	3.464.480	7.521.719	4-B3	35,0	16,0	1.090	msm	100,0	41.232	3.469.848	7.533.534	4-B3	18,0	2,0	50	msm	5,0
41.037	3.464.570	7.522.164	4-B3	24,0	13,0	834	msm	13,0	41.240	3.473.298	7.531.014	4-B3	16,0	14,0	34	msm	13,0
41.038	3.464.306	7.522.630	4-B3	33,0	18,0	1.180	msm	75,0	41.245	3.469.541	7.529.158	4-B3	14,0	27,0	44	msm	0,5
41.039	3.464.031	7.523.170	4-B3	16,0	15,0	653	msm	13,0	41.246	3.469.181	7.529.582	4-B3	18,0	32,0	44	msm	0,5
41.040	3.463.925	7.523.700	4-B3	29,0	12,0	984	msm	75,0	41.247	3.468.864	7.530.027	4-B3	18,0	27,0	352	msm	0,5

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
41.248	3.468.705	7.530.482	4-B3	18,0	27,0	352	msm	ND
41.249	3.468.345	7.530.800	4-B3	35,0	26,0	75	msm	ND
41.250	3.468.028	7.531.107	4-B3	12,0	29,0	35	msm	13,0
41.251	3.467.625	7.531.265	4-B3	10,0	20,0	24	msm	13,0

MUESTRA Nº	GAUSS-KRÜGER Y	GAUSS-KRÜGER X	MOSAICO	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Sn ppm
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