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MICROFILMED

STREAM SEDIMENT GEOCHEMISTRY

OF EL6/68 NORTHEAST TASMANIA

TO JULY 31ST, 1969.

BY

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INTRODUCTION

PURPOSE

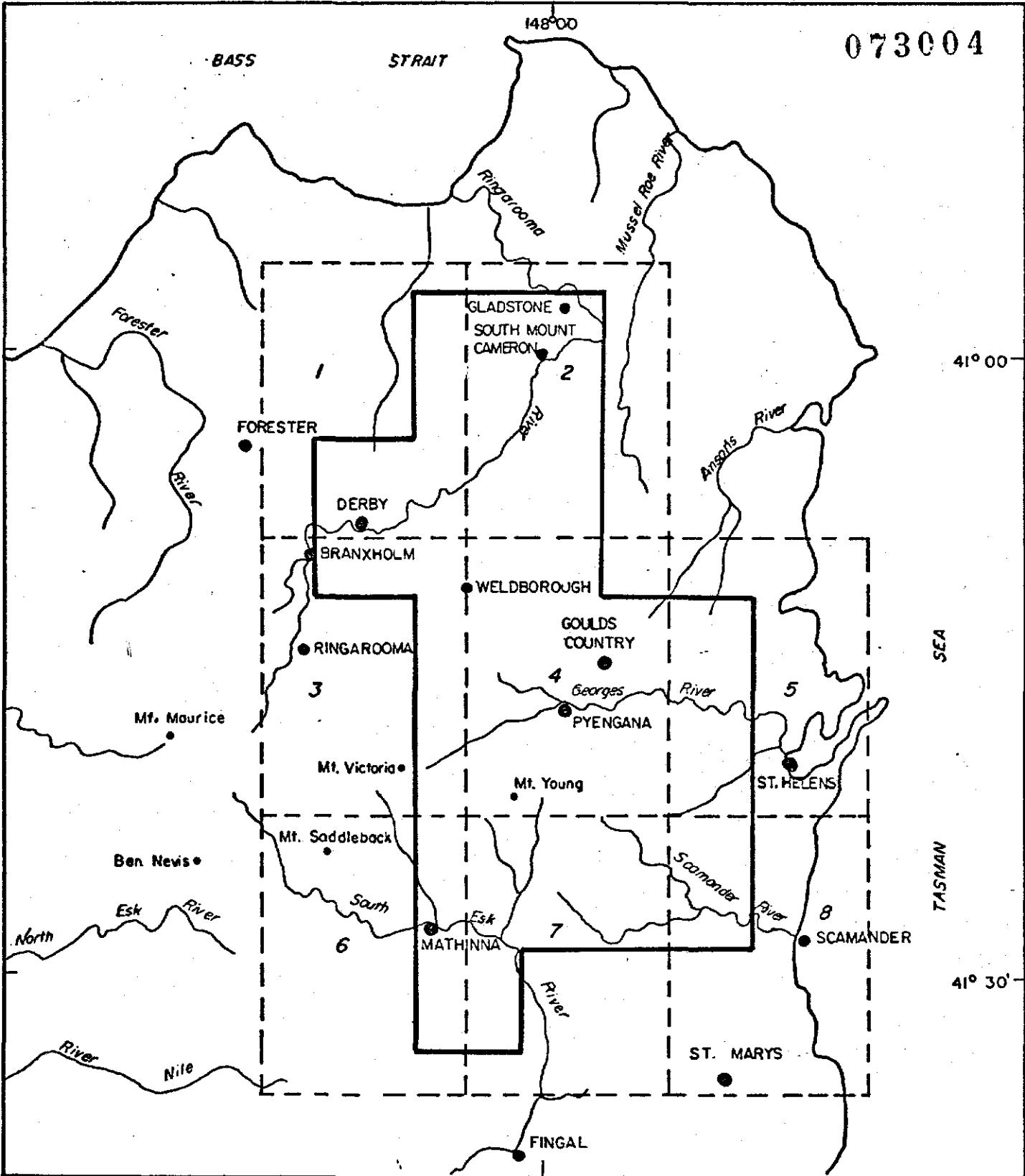
The survey was undertaken as a systematic reconnaissance prospecting programme for base metals within approximately 650 square miles held under Exploration Licence 6/68, Tasmania (Plate 1) in the name of R.W. Leftwich. The method employed was a drainage survey of wet active stream sediments where these existed. For more complete coverage and for interpretive purposes the wet samples were supplemented by dry stream sediments and some limited soil and rock geochemical testing. The metals that were analysed in the stream sediment and other samples were Pb, Zn, Cu, Ag, Mo and Bi.

THE PERMIT AREA - SITUATION AND ACCESS

The permit is situated in north east Tasmania (Plate 1). The townships of St. Helens and Scamander lie east of the eastern boundary of the permit area and have sealed highway access via the Tasman Highway through Weldborough, Derby and Branxholm to the ports of Launceston and through St. Marys and Fingal to Launceston and Hobart. These towns provide normal services for field operations. On the northwest of the permit an excellent road connects this highway to Gladstone via Pioneer and South Mount Cameron. Farmed and pastoral areas in the Central Ringarooma Valley are well served with roads. A railway permanent way runs from Herrick to Launceston via Scottsdale.

Mathinna is the main settlement in southern areas of the permit, though the larger townships of Fingal and St. Marys lie without the permit and have highway and rail access to main Tasmanian ports. Access to south-central areas of the permit

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LOCATION MAP AND 1:25,000 SHEET INDEX OF EL 6/68 NE TASMANIA

TEXINS DEVELOPMENT LTD

SCALE : 1 : 500,000

PERMIT BOUNDARY —

SHEET OUTLINE - - - - 1 to 8 inclusive

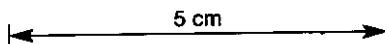


FIG. 1

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is poor, but a number of secondary roads and forestry tracks give limited access to the Constables Creek, Scamander Tier and Avenue River areas. The slopes and ridges are timbered and access by vehicle is restricted. Access between the extremities of the permit involves considerable travelling because of the absence of through routes.

The area comprises central highland and dissected country ranging to 3,964' on the western edge of the permit at Mt. Victoria, dropping to near sea level in coastal areas on the northern and eastern portions of the permit.

In the South Central area a divide near Mt. Young, 2964', separates the drainage of the South Esk, Scamander and George River Systems. In the North Central area divides about the Blue Tier, a high dissected plateau, separate the higher catchments of the George River, Ringarooma River, Mussel Roe and Ansons River Systems.

Lower areas of coastal heath and sand plain lie east of the permit area. To the north a low dissecting plateau about an old valley fill of the Ringarooma River centres about Winnaleah and north from this, dissecting low hilly country and sand plains and swamps formed on a Cainozoic sequence, extend to and around Mount Cameron, a granitic massif developed in the northeast section of the area.

Rainfall is moderate and is seasonally distributed with incidence least in January and February, and greatest in July and August.

PRESENTATION

The data presented in reports on geochemical work comprise tabulated geochemical results (Table I) and a series of eight base planimetric, topographic sheets, marked with sampling points, at 1:25,000 scale. To be overlaid on these, and also at the same scale, are plans with metal values. In addition to these are sheets at equivalent scale embracing regional geology, prepared from regional scouting and mapping by Geophoto geologists, and compilations of existing published and unpublished data. These past contributions relate mainly to work of geologists of the Tasmanian Department of Mines, the Rio Tinto Mining Company, Utah Development and the E.Z. Company of Australasia Ltd.

These geologic sheets form a geologic base for examination of geochemical data.

Because of the bulk of these sheets, this report is presented in five parts -

GEOPHOTO MINERALS REPORT 1969/6 covering introduction, purpose, methods, tabulated metal values and interpretative data for background for different lithologies compiled from routine data,

GEOPHOTO MINERALS REPORT 1969/6(a) covering drainage scouting on Geophoto Sheets I and II (see Plate I), in the Ringarooma Valley and part of the Mussel Roe System,

GEOPHOTO MINERALS REPORT 1969/6(b) covering drainage geochemistry of Geophoto Sheets III and IV - the Blue Tier area, and adjoining areas.

GEOPHOTO MINERALS REPORT 1969/6(c) covering geochemistry of Geophoto Sheets V and VIII, Scamander-St. Helens area,

GEOPHOTO MINERALS REPORT 1969/6(d) covering drainage chemistry of Geophoto Sheets VI and VII, the Mathinna-Avenue River area.

GENERAL GEOLOGY

An outline of the geology of the area may be obtained from papers and reports listed in the bibliography. In summary, the region surveyed lies in the Launceston 1:250,000 map sheet area for which no geologic map or explanatory notes yet have been made. There are many unpublished and published geological records relating to the area but many are repetitive and include little new contributions, or are detailed on specialised aspects.

The oldest rocks of the area are the Mathinna Beds, a thick Palaeozoic unit containing folded and fractured, inter-layered sandstones, siltstones and claystone. This unit has been subdivided into a lutite association and an arenite-lutite association in North East Tasmania.

High-level, Devonian granitic intrusives comprise the Blue Tier Batholith, a huge complex body exposed over more than 700 square miles and comprising non-foliated, transgressive acid adamellites and granites - some with monzonitic, mangeritic or dioritic marginal phase which may be contaminated. The roof and walls of the plutons are irregular and roof pendants and breached cupolas occur (refer Geologic Sheets V and VIII).

Jurassic dolerite sheets crop out to the west of the area considered. Tertiary terrestrial sediments and Quaternary superficial deposits are prominent along old and present river channels, notably the Ringarooma Valley, George River and Scamander River areas. Some high-level superficial deposits, subject to some minor placer mining, have been found on the Blue Tier and elsewhere. Cainozoic basalt covered areas of the Ringarooma Valley

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and occur at high levels near Weldborough and elsewhere. Cainozoic faulting may have altered the levels of these basalt sheets and had a marked effect on the present morphological aspect of the district.

GEOCHEMISTRY

ORIENTATION

Some preliminary orientation surveys on soils and stream sediments were made in North East Tasmania. This orientation was designed

1. to determine a practical and economic sampling technique,
2. to derive a field preparation technique,
3. to decide the most suitable size fraction for analysis,
4. to determine the extent of anomalous dispersion trains about a known mineralised outcrop,
5. to determine the trace metal content of fresh rocks, weathered rocks, mineralised rocks and soils as the basis for interpretation of drainage data.

ROUTINE SURVEY

Wet and dry stream sediments weighing approximately 2lbs. were collected with plastic utensils. Where streams had ceased to flow, dry samples were collected from the most recently active sediment. All samples were dried at 110°C. They were sieved to give several of the fractions at the following approximate mesh sizings in plastic or stainless steel sieving materials.

1. + 20 mesh - rejected,
2. - 20 mesh - sent for analysis for Mo and Bi where draining granitic or contact areas,
3. - 80 mesh - sent for analysis for Cu, Pb, Zn and Ag.

The analyses were carried out by routine methods of Atomic Absorption spectrometry after acid extraction for Pb, Zn, Cu, Ag, Mo and Bi as set out in Sampey Exploration Services information circulars. The methods were those that could also be used in the rapid, systematic routine processing of large batches of samples and no extremes of sensitivity or special methods of analysis were sought that could not be applied in a rapid exploration survey. The aim in sampling and analysis was to obtain consistent and reproducible results that could indicate target areas of anomalous mineralisation in routine exploration. Extreme sensitivity in analysis is not necessary for this purpose and can in fact be confusing as sampling practice and treatment does not justify this.

Included in samples sent for analysis during the preliminary orientation were replicate samples, and when the problems of operational routine are considered, the results were reasonably comparable.

Duplicate sediments are stored for other determinations such as Sn, W and As that may be considered necessary in later programmes.

RESULTS

Analytical Data at sampling points is tabulated in Table 3. It must be realised that the methods for molybdenum and bismuth are not of great sensitivity and most results are near the limit of sensitivity. However, soils showing 10 p.p.m. mo. have been used elsewhere for a mo. mineralisation indicator.

On Table 2, average metal values for stream sediments of different provenance are tabulated.

There is little difference in average background for Cu, Pb, Zn and Ag for basement rocks (Mathinna Beds and Devonian granitic rocks). The sediments draining acid ("Tin") granites display an unexpected higher level in Cu and an expected increase in Bi and perhaps Mo over the Mathinna Beds and less acid granitic types.

Streams draining basalt show the normal increase in Cu and Zn shown by basic rocks.

Tertiary sediments are effectively leached in most metals but higher Mo and Bi possibly relates to detrital minerals.

J.H. Rattigan.

SELECTED REFERENCES

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2. Unpublished reports by J.H. Rattigan to Rio Tinto
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3. Unpublished reports by J.H. Rattigan to Rio Tinto
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4. Threader, V. MSc. Thesis, University of Tasmania.
5. Thomas, D., The Blue Tier Tinfield, 8th Empire
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6. Unpublished Reports to Utah Development Ltd. by
D. Warin and R. Appleby. Open file reports of Department
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7. Walker, K.R., The Geology of the St. Helens
Scamander Area, Tasmania. Roy. Soc. Tasmania, v. 91.

TABLE 2.

Average values for metals in rocks of different provenance.

Rock Unit	No. in Sample	Average Values (ppm)					
		Cu	Pb	Zn	Ag	Mo	Bi
Mathinna Beds	25	15	20	40	0	0	0
Adamellite	25	15	20	40	0	<5	0
Acid Granite	25	25	20	40	0	<5	5
Permian Sediments	5	30	15+	40	1	0	0
Tertiary Basalt	5	45	20	80	1	1	0
Tertiary Sediments	5	5	15	30	0	5	10

TABLE 3.

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Lab. Sheet No. 1524/2 Field Sheet No. 6568

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SAMPLE		CU	PB	ZN	AG	BI	MO
P 1	9501	BLD	25	35	BLD	BLD	BLD
P 2		5	25	30	BLD	BLD	BLD
P 3		5	20	25	BLD	BLD	BLD
P 4		BLD	45	50	BLD	BLD	BLD
P 5		BLD	40	45	BLD	BLD	BLD
P 6		BLD	35	30	BLD	BLD	10
P 7		5	20	25	BLD	BLD	BLD
P 8	9508	5	20	20	BLD	BLD	10
P 10	9510	5	30	20	BLD	BLD	10
P 12	9512	10	35	45	BLD	BLD	BLD
P 13	13	10	45	65	BLD	BLD	BLD
P 16	9516	5	45	25	BLD	BLD	10
P 17		5	40	35	BLD	BLD	10
P 18		5	30	35	BLD	BLD	10
P 19	9519	5	25	25	BLD	BLD	10
P 21	9521	5	45	20	BLD	BLD	10
P 22	9522	5	30	15	BLD	BLD	10
P 24	9524	5	30	15	BLD	BLD	10
P 31	9531	35	35	50	BLD	BLD	10
P 33	9533	10	30	25	BLD	BLD	10
P 34	9534	5	25	20	BLD	BLD	BLD
P 36	9536	5	20	15	BLD	BLD	10
P 37		5	15	20	BLD	BLD	10
P 38		5	20	15	BLD	BLD	10
P 39		5	15	15	BLD	4	10
P 40		5	10	15	BLD	4	BLD
P 41	9541	BLD	15	15	BLD	BLD	BLD
P 43	9543	BLD	20	15	BLD	BLD	BLD
P 44	9544	BLD	20	10	BLD	BLD	BLD
P 45	9545	5	15	15	BLD	4	BLD
P 50	9550	BLD	25	10	BLD	BLD	BLD
P 51		5	25	15	BLD	BLD	BLD
P 52		BLD	20	15	BLD	BLD	BLD
P 53		5	15	45	BLD	BLD	BLD
P 54	9554	5	40	30	BLD	BLD	BLD
P 57	9557	5	20	20	BLD	BLD	BLD
P 58		5	25	20	BLD	4	BLD
P 59		5	30	30	BLD	BLD	BLD
P 60		5	45	30	BLD	BLD	BLD
P 61	9561	5	55	30	BLD	BLD	BLD
METHOD		101B	101B	101B	101B	102	102

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METHODS.

(Any queries please quote Lab. Sheet Number)

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Lab. Sheet No. 1524/3 Field Sheet No. 6569

073016

SAMPLE	CU	PB	ZN	AG	BI	MO
P 62 9562	5	55	50	BLD	BLD	BLD
P 63 ↓	5	50	35	BLD	BLD	BLD
P 64 ↓	5	50	35	BLD	BLD	BLD
P 65 9565	5	35	35	BLD	BLD	BLD
P 68 NOT ON MAP	10	35	35	BLD	BLD	10
P 80 9580	10	65	35	BLD	BLD	BLD
P 85 9585	5	45	25	BLD	BLD	BLD
P 88 9588	BLD	20	15	BLD	BLD	BLD
P 89 ↓	BLD	20	15	BLD	BLD	10
P 90 ↓	25	85	50	BLD	4	10
P 91 9592	10	35	40	BLD	BLD	10
P 92 ↓	10	35	90	BLD	BLD	10
P 94 9594	5	30	30	BLD	BLD	15
P 95 ↓	5	25	15	BLD	BLD	15
P 96 ↓	5	30	20	BLD	BLD	15
P 97 ↓	BLD	15	15	BLD	4	10
P 98 9598	BLD	25	15	BLD	BLD	10
P 116 9616	5	30	40	BLD	BLD	10
METHOD	101B	101B	101B	101B	102	102

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Lab. Sheet No. 558/7 Field Sheet No. 6551 **-80**

SAMPLE	CU	PB	ZN	AG	BI	MO
P 9 9509	10	25	25	2	6	BLD
P 11 9511	10	15	10	2	4	BLD
P 14 9514	BLD	30	15	3	4	BLD
P 15 9515	5	20	20	1	8	BLD
P 20 9520	10	25	15	1	8	BLD
P 23 9523	5	35	10	1	8	BLD
P 25 9525	10	15	15	1	4	BLD
P 26	10	60	10	1	6	BLD
P 28	5	15	25	1	BLD	BLD
P 29	10	35	15	2	BLD	BLD
P 30 9530	10	35	25	1	BLD	BLD
P 32 9532	10	15	20	2	BLD	BLD
P 35 9535	10	15	15	1	BLD	BLD
P 42 9542	5	20	15	1	BLD	BLD
P 46 9546	5	20	15	1	BLD	BLD
P 47	5	15	25	2	BLD	BLD
P 48	5	15	20	2	8	BLD
P 49 9549	10	15	15	2	4	BLD
P 55 9555	10	35	15	2	4	BLD
P 56 9556	5	15	25	1	BLD	BLD
P 66	15	45	60	1	BLD	BLD
P 67	35	25	70	3	BLD	BLD
P 69	25	20	50	3	BLD	BLD
4 METHOD	101B	101B	101B	101B		

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METHODS.

(Any queries please quote Lab. Sheet Number)

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Lab. Sheet No. 1554/5 Field Sheet No. 6582

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SAMPLE	CU	PB	ZN	AG	BI	MO
P 70	30	30	130	3	4	BLD
P 71	10	25	15	4	BLD	BLD
P 72	10	15	15	4	BLD	BLD
P 73	10	15	20	1	4	BLD
P 74	5	10	25	1	2	BLD
P 75	15	20	20	2	8	BLD
P 76	15	15	20	1	2	BLD
P 77	10	10	15	1	BLD	BLD
P 78 9578	10	15	20	3	BLD	BLD
P 79	10	15	10	3	BLD	BLD
P 81 9581	10	40	10	4	4	BLD
P 82	10	55	30	3	4	BLD
P 83	10	50	40	3	BLD	BLD
P 84 9584	15	55	40	2	4	BLD
P 86 9586	10	20	35	2	4	BLD
P 87 9587	10	15	20	2	BLD	BLD
P 93 9593	5	25	45	2	BLD	BLD
P 99 9599	5	10	10	1	BLD	BLD
P 100 9600	5	10	10	2	BLD	BLD
P 101	5	15	15	3	BLD	BLD
P 102	5	15	20	3	BLD	BLD
P 103	5	15	5	1	BLD	BLD
P 104 9604	5	15	10	1	BLD	BLD
P 105	10	15	10	2	BLD	BLD
P 106 9606	5	15	10	3	4	BLD
P 107	5	15	5	1	4	BLD
P 108	10	25	5	2	4	BLD
P 109	10	35	10	3	BLD	BLD
P 110 9610	5	10	25	3	4	BLD
P 111	5	15	15	2	8	BLD
P 112	5	15	15	2	4	BLD
P 113	5	15	15	2	4	BLD
P 114	15	10	15	2	4	BLD
P 115 9615	10	15	10	2	BLD	BLD
P 117 9617	10	10	25	3	4	BLD
P 118	5	20	10	3	8	BLD
P 119	5	20	15	3	8	BLD
P 120 9620	5	15	20	4	4	BLD
P 121	5	25	25	4	4	BLD
P 122	5	15	20	3	4	BLD
P 123	5	20	10	3	8	BLD
P 124	5	30	10	3	4	BLD
P 125	5	75	10	3	4	BLD
P 126	5	20	15	3	4	BLD
P 127	5	40	15	3	4	BLD
P 128	15	45	30	4	4	BLD
P 129 9629	10	15	20	4	4	BLD
METHOD	101B	10:8	101B	101B		

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Lab. Sheet No. 1558/6 Field Sheet No. 6583

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SAMPLE	CU	PB	ZN	AG	BI	MO
P 130 9650	10	20	10	3	BLD	BLD
P 131 9631	10	15	15	3	4	BLD
P 132 9632	10	30	10	3	8	BLD
P 134 9634	15	35	15	4	BLD	BLD
P 135	15	40	20	3	BLD	BLD
P 136	20	55	15	3	4	BLD
P 137	15	15	30	3	4	BLD
P 138	10	20	30	3	4	BLD
P 139	15	50	30	3	8	BLD
P 140 9640	10	30	35	5	4	BLD
P 141	5	15	20	5	8	BLD
P 142	5	15	15	5	4	BLD
P 143	5	20	20	5	8	BLD
P 144	5	35	20	4	4	BLD
P 145	5	25	20	4	8	BLD
P 146 9646	5	15	15	4	4	BLD
P 147	5	10	20	4	BLD	BLD
P 148	5	20	10	3	BLD	BLD
P 149	10	45	5	4	BLD	BLD
P 150 9650	10	25	10	5	BLD	BLD
P 151	10	20	10	5	4	BLD
P 152	10	50	10	3	4	BLD
P 153	10	15	15	3	8	BLD
P 154	10	35	10	3	4	BLD
P 155	10	20	10	2	BLD	BLD
P 156	10	55	10	3	BLD	BLD
P 157	20	70	10	1	BLD	BLD
P 158	45	30	75	2	8	BLD
P 159 9659	20	20	55	2	8	BLD
METHOD	101B	101B	101B	101B		

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METHODS.

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Lab. Sheet No. 1524/7 Field Sheet No. _____

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SAMPLE	CU	PB	ZN	AG	MO	BI
P 21 9527 METHOD 00	10 101B	20 101B	40 101B	3 101B	BLD	BLD

METHODS:

(Any changes in method should be specified)

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Lab. Sheet No. 1626/6 Field Sheet No. 6572

SAMPLE	CU	PL	Z	48	BI	MO
P 171	10	20	35	BLD	BLD	BLD
P 172	10	20	35	BLD	2	BLD
P 173	10	20	30	BLD	BLD	15
P 174	10	40	20	BLD	BLD	15
P 175	10	35	35	BLD	BLD	15
P 176	15	35	45	BLD	BLD	15
P 177	10	35	30	BLD	BLD	20
P 178	10	20	30	BLD	BLD	15
P 179	5	15	30	BLD	BLD	15
P 180	5	10	20	BLD	BLD	15
P 181	5	15	20	BLD	BLD	15
P 182	10	30	35	BLD	BLD	25
P 183	5	15	40	BLD	2	20
P 184	15	20	35	BLD	2	20
P 185	10	15	30	BLD	2	20
P 186	15	20	40	BLD	2	20
P 187	15	15	30	BLD	4	20
P 188	15	20	35	BLD	4	20
P 189	5	20	30	BLD	2	25
P 190	BLD	10	30	BLD	BLD	25
P 191	10	20	30	BLD	2	BLD
P 192	15	35	30	BLD	4	10
P 193	15	30	35	BLD	BLD	15
P 194	10	15	40	BLD	BLD	10
P 195	35	10	30	BLD	2	15
P 196	40	20	30	BLD	BLD	BLD
P 197	10	10	35	BLD	2	BLD
P 198	15	15	25	BLD	2	BLD
P 199	15	20	35	BLD	2	BLD
P 200	15	20	35	BLD	BLD	15
P 201	35	15	70	BLD	4	15
P 202	50	15	30	BLD	4	15
P 203	30	20	30	BLD	BLD	15
P 204	70	20	100	BLD	4	20
P 205	10	10	45	BLD	2	20
P 206	15	35	45	BLD	BLD	25
P 207	25	20	70	BLD	2	10
P 208	75	20	110	BLD	2	BLD
P 209	15	15	35	BLD	2	BLD
P 210	15	20	75	BLD	4	BLD
P 211	10	30	35	BLD	2	10
P 212	15	35	30	BLD	BLD	15
P 213	10	20	45	BLD	2	BLD
P 214	10	15	30	BLD	2	10
P 215	5	15	40	BLD	BLD	BLD
P 227	15	10	45	BLD	2	10
P 228	10	10	30	BLD	4	10
P 229	10	10	45	BLD	BLD	BLD
METHOD	1013	1015	1013	1013		

METHODS

(Any queries please quote Lab Sheet Number)

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Lab. Sheet No. 1626/7 Field Sheet No. 6573

SAMPLE	CU	PB	Z :	AG	BI	
P 230 9730	10	15	55	BLD	4	BLD
P 231	10	10	30	BLD	6	BLD
P 232	5	15	20	BLD	BLD	BLD
P 233 9733	15	15	20	BLD	4	10
P 236 9736	25	25	25	BLD	2	15
P 237	5	20	25	BLD	2	10
P 238	10	15	20	BLD	2	15
P 239	10	15	20	BLD	BLD	15
P 240 9740	15	10	25	BLD	4	20
P 241	5	15	20	BLD	BLD	20
P 242	10	20	25	BLD	4	20
P 243	10	15	30	BLD	2	15
P 244	10	15	30	BLD	BLD	15
P 245	5	15	25	BLD	4	20
P 246	5	15	10	BLD	4	15
P 247	5	15	15	BLD	2	20
P 248	5	15	15	BLD	BLD	20
P 249 9749	5	15	15	BLD	BLD	20
P 252 9752	15	15	20	BLD	BLD	25
P 275 9775	5	15	25	BLD	4	20
P 280 9780	25	20	100	BLD	2	15
P 281	15	20	55	BLD	4	20
P 282	5	15	30	BLD	2	25
P 283	5	20	20	BLD	BLD	15
P 284	5	20	140	BLD	BLD	15
P 285	5	15	45	BLD	2	25
P 286	10	15	30	BLD	BLD	20
P 287	20	45	40	BLD	2	15
P 288	5	15	40	BLD	2	25
P 289	5	10	15	BLD	BLD	20
P 290 9790	5	15	15	BLD	4	10
P 291	5	15	15	BLD	4	BLD
P 292	10	15	25	BLD	4	BLD
P 293	5	20	35	BLD	2	10
P 294	5	10	40	BLD	4	10
P 295	20	20	50	BLD	BLD	15
P 296	20	25	45	BLD	2	15
P 297	50	35	50	BLD	BLD	15
P 298 9798	35	35	150	BLD	4	15
P 300 9800	15	25	70	BLD	BLD	10
P 302 9802	10	25	25	BLD	2	20
P 303	20	10	40	BLD	BLD	15
P 304	30	10	70	BLD	2	20
P 305	20	20	55	BLD	2	20
P 306 9806	30	10	55	BLD	4	15
METHOD	101B	101B	101B	101B	102	02

METHODS:

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026

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073023

Lab. Sheet No. 1626 8 Field Sheet No. 6574

SAMPLE	CU	PS	Z.	AG	DI	CO
P 307	5	25	30	BLD	2	15
P 308	5	10	30	BLD	4	15
P 309	5	25	25	BLD	BLD	25
P 310	BLD	15	15	BLD	BLD	15
P 311	BLD	30	20	BLD	2	25
P 312	BLD	30	25	BLD	4	25
P 313	BLD	55	35	BLD	2	20
P 314	BLD	45	25	BLD	2	25
P 315	BLD	35	25	BLD	2	25
P 316	BLD	25	30	BLD	2	20
P 317	BLD	50	40	BLD	6	25
P 318	5	15	30	BLD	4	30
P 319	BLD	35	40	BLD	4	35
P 320	BLD	25	30	BLD	2	10
P 321	BLD	30	30	BLD	4	BLD
P 322	BLD	35	15	BLD	2	BLD
P 323	BLD	30	20	BLD	4	15
P 324	BLD	25	15	BLD	4	15
P 325	BLD	20	15	BLD	2	25
P 326	BLD	15	20	BLD	2	25
P 327	BLD	15	15	BLD	4	25
P 328	BLD	15	15	BLD	BLD	30
P 329	5	15	20	BLD	2	25
P 330	20	20	35	BLD	4	15
P 331	15	20	35	BLD	BLD	10
P 332	15	20	40	BLD	BLD	15
P 333	15	20	35	BLD	2	20
P 334	10	15	55	BLD	2	25
P 335	10	15	55	BLD	2	25
P 336	15	15	55	BLD	2	20
P 337	25	20	45	BLD	2	20
P 338	15	15	40	BLD	BLD	
P 339	20	20	40	BLD	4	25
P 340	5	20	15	BLD	BLD	25
P 341	5	20	15	BLD	BLD	20
P 342	5	20	20	BLD	BLD	20
P 343	5	35	15	BLD	2	15
P 344	5	35	20	BLD	2	25
P 345	10	25	25	BLD	BLD	35
P 346	5	20	20	BLD	BLD	30
P 347	5	20	20	BLD	2	25
P 348	5	20	20	BLD	2	25
P 349	5	25	13	BLD	2	20
P 351	10	20	20	BLD	2	15
P 352	5	15	15	BLD	2	15
METHOD	101B	101B	101B	101B	102	102

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073024

Lab. Sheet No. 2065/12 Field Sheet No. 6597 -80

SAMPLE	DATA BASE NO	CU	PB	ZN	AG	BI	MO
P 1	9501	BLD	15	10	BLD	BLD	10
P 2	9502	BLD	10	10	BLD	BLD	BLD
P 3	9503	BLD	5	10	BLD	5	BLD
P 4	4	BLD	25	35	BLD	BLD	BLD
P 5	5	BLD	20	10	BLD	BLD	BLD
P 6	6	BLD	20	10	BLD	BLD	BLD
P 7	7	BLD	15	20	BLD	BLD	BLD
P 8	8	BLD	10	10	BLD	BLD	BLD
P 9	9	BLD	10	5	BLD	5	10
P 10	9510	BLD	5	5	BLD	BLD	10
P 11		BLD	5	15	BLD	5	BLD
P 12		BLD	5	10	BLD	BLD	BLD
P 13		BLD	BLD	10	BLD	5	BLD
P 14		5	BLD	10	BLD	5	BLD
P 15		5	10	40	BLD	BLD	BLD
P 16		BLD	5	35	BLD	5	BLD
P 17		BLD	10	10	BLD	5	BLD
P 18		BLD	5	10	BLD	5	BLD
P 19		BLD	5	10	BLD	BLD	10
P 20	9520	BLD	5	15	BLD	BLD	10
P 21		BLD	5	20	BLD	10	BLD
P 22		5	5	20	BLD	BLD	BLD
P 23		BLD	5	20	BLD	5	BLD
P 24		BLD	5	25	BLD	5	BLD
P 25		5	5	15	BLD	BLD	BLD
P 26		5	10	35	BLD	5	BLD
P 27		5	5	20	BLD	5	BLD
P 28		BLD	10	25	BLD	5	BLD
P 29		BLD	10	25	BLD	BLD	BLD
P 30	9530	BLD	10	25	BLD	5	BLD
P 31		BLD	20	10	BLD	10	10
P 32		BLD	20	15	BLD	5	BLD
P 33		BLD	25	15	2	10	BLD
P 34		BLD	20	10	2	5	BLD
P 35		BLD	25	15	BLD	10	BLD
P 36		BLD	25	10	BLD	10	BLD
P 37		BLD	20	20	BLD	5	BLD
P 38		BLD	10	20	BLD	5	BLD
P 39		BLD	10	20	BLD	5	BLD
P 40	9540	BLD	5	10	BLD	BLD	BLD
P 41		BLD	5	10	BLD	BLD	BLD
P 42		BLD	5	10	BLD	10	BLD
P 43		BLD	10	30	BLD	10	BLD
P 44		BLD	5	15	BLD	10	BLD
P 45		BLD	5	10	BLD	10	BLD
P 46		BLD	10	15	BLD	15	BLD
P 47		BLD	10	15	BLD	5	BLD
P 48		5	10	30	BLD	10	BLD
P 49		5	10	15	BLD	5	BLD
P 50	9550	5	10	15	BLD	BLD	BLD
P 51	1	5	10	15	BLD	5	BLD
P 52	2	5	5	15	BLD	BLD	BLD
METHOD		101B	101B	101B	101B	102	M02

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016
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073025

Lab. Sheet No. 2065/13 Field Sheet No. 13 111

-80-

SAMPLE	CU	PB	ZN	AG	BI	MO
P 53 9555	5	5	25	BLD	BLD	BLD
P 54 9554	5	5	20	BLD	5	BLD
P 56 9556	5	10	15	BLD	BLD	BLD
P 57	5	5	25	BLD	BLD	BLD
P 58	5	5	35	BLD	BLD	10
P 59	5	5	30	BLD	BLD	BLD
P 60 9560	5	10	40	BLD	BLD	BLD
P 66 95	BLD	5	35	BLD	BLD	BLD
METHOD	101B	101B	101B	101B	102	MO2
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METHODS.

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014

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073026

Lab. Sheet No. 2065/22 Field Sheet No. 13107

-80-

SAMPLE	DATA PAGE NO	CU	PB	ZN	AG	BI	MO
BM 1	5051	10	10	25	BLD	BLD	BLD
BM 2	2	5	30	20	BLD	BLD	BLD
BM 3	3	5	40	20	BLD	BLD	BLD
BM 4	4	5	30	20	BLD	BLD	BLD
BM 5	5	5	30	15	BLD	BLD	BLD
BM 6	6	5	25	15	BLD	BLD	BLD
BM 7	7	5	20	15	BLD	BLD	BLD
BM 8	3958	5	25	15	BLD	BLD	BLD
METHOD		101B	101B	101B	101B	102	MO2

020
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073027

Lab. Sheet No. 2065/24 Field Sheet No. — -80.

SAMPLE	CU	PS	ZN	AG	BI		
P 25A	5	10	15	BLD			
METHOD	101B	101B	101B	101B	102		

METHODS.

(Any queries please quote Lab Sheet Number)

073028

Lab. Sheet No. 2065/14 Field Sheet No. 6594 -80

SAMPLE		CU	PB	ZN	AG	BI	MO
R	1	BLD	5	15	BLD	BLD	BLD
R	2	BLD	5	10	BLD	BLD	BLD
R	3	BLD	5	10	BLD	BLD	BLD
R	4	BLD	5	10	BLD	BLD	BLD
R	5	BLD	5	35	BLD	BLD	BLD
R	6	BLD	5	210	BLD	BLD	BLD
R	7	BLD	10	15	BLD	BLD	BLD
R	8	15	10	10	BLD	BLD	10
R	9	5	5	20	BLD	BLD	20
R	10	BLD	5	20	BLD	BLD	BLD
R	11	BLD	5	25	BLD	BLD	BLD
R	12	BLD	5	20	BLD	BLD	BLD
R	13	BLD	5	15	BLD	BLD	BLD
R	14	BLD	5	25	BLD	BLD	BLD
R	15	BLD	5	20	BLD	BLD	BLD
R	20	BLD	5	10	BLD	BLD	10
R	21	BLD	10	10	BLD	BLD	10
R	22	5	10	15	BLD	BLD	BLD
R	23	BLD	10	15	BLD	BLD	BLD
R	24	5	10	15	BLD	BLD	BLD
R	25	BLD	10	10	BLD	BLD	BLD
R	26	BLD	5	10	BLD	BLD	BLD
R	27	BLD	5	10	BLD	BLD	BLD
R	28	BLD	5	30	BLD	BLD	BLD
R	29	5	50	35	BLD	BLD	BLD
R	30	5	30	40	BLD	BLD	BLD
R	31	BLD	30	25	BLD	BLD	BLD
R	32	BLD	20	15	BLD	BLD	10
R	33	BLD	5	10	BLD	5	BLD
R	34	5	20	25	BLD	BLD	10
R	35	BLD	15	15	BLD	BLD	BLD
R	36	5	20	15	BLD	BLD	BLD
R	37	BLD	10	15	BLD	BLD	BLD
R	38	BLD	15	65	BLD	BLD	BLD
R	39	BLD	15	30	BLD	BLD	BLD
R	40	BLD	15	30	BLD	BLD	BLD
R	41	5	20	30	BLD	BLD	BLD
R	42	10	15	40	BLD	BLD	BLD
R	43	5	10	35	BLD	BLD	BLD
R	44	5	10	35	BLD		
R	45	10	15	35	BLD	5	BLD
R	46	10	20	35	BLD	5	BLD
R	47	15	15	40	BLD	BLD	BLD
R	48	15	15	40	BLD	BLD	BLD
R	49	10	15	35	BLD	BLD	BLD
R	50	5	30	40	BLD	BLD	BLD
R	51	5	10	25	BLD	5	BLD
R	52	20	10	15	BLD	BLD	10
METHOD		101B	101B	101B	101B	102	MO2

028
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073029

Lab. Sheet No. 2665/15 Field Sheet No. 6594-80

SAMPLE	CU	PB	ZN	AG	BI	MO
R 53 8735	15	10	15	BLD	BLD	BLD
R 54 4	15	15	10	BLD	10	BLD
R 55 5	15	15	10	BLD	5	BLD
R 56 6	10	10	15	BLD	10	BLD
R 57 7	10	10	10	BLD	BLD	10
R 58 8	10	10	10	BLD	5	BLD
R 59 9	10	10	25	BLD	BLD	BLD
R 60 8760	20	15	45	BLD	5	BLD
R 61 8761	10	15	45	BLD	5	BLD
METHOD	CU	PB	RN	AG	BI	MO

METHODS

(Any queries please refer to the Spec. No. sheet)

029

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073030

Lab. Sheet No. 1626/9 Field Sheet No. 6745

SAMPLE	CU	PS	ZK	AG	SI	...
SH 1	5	10	10	BLD	BLD	25
SH 2	5	15	10	BLD	2	30
SH 3	5	65	20	BLD	BLD	25
SH 4	5	20	15	BLD	2	25
SH 5	10	35	25	BLD	BLD	25
SH 6	5	15	30	BLD	BLD	35
SH 7	5	25	45	BLD	4	10
SH 8	5	25	45	BLD	2	15
SH 9	5	20	20	BLD	2	BLD
SH 10	BLD	25	20	BLD	4	BLD
SH 11	5	20	15	BLD	BLD	BLD
SH 12	5	20	15	BLD	BLD	15
SH 13	5	35	20	BLD	4	10
SH 14	5	30	20	BLD	4	15
SH 15	10	25	20	BLD	4	BLD
SH 16	5	20	20	BLD	2	15
SH 17	5	20	20	BLD	2	BLD
SH 18	5	30	20	BLD	6	15
SH 19	5	25	15	BLD	4	15
SH 20	10	30	35	BLD	6	15
SH 21	5	15	30	BLD		20
SH 22	10	25	25	BLD	6	15
SH 23	5	20	15	BLD	4	15
SH 24	5	10	15	BLD	4	15
SH 25	5	10	35	BLD	8	15
SH 26	5	20	20	BLD	6	15
SH 27	5	15	15	BLD	6	BLD
SH 28	5	20	15	BLD	BLD	15
SH 29	5	20	20	BLD	BLD	20
SH 30	5	30	20	BLD	BLD	15
SH 31	5	25	30	BLD	BLD	15
SH 32	5	20	30	BLD	BLD	15
SH 33	5	25	40	BLD	2	20
SH 34	10	20	35	BLD	2	25
SH 35	5	20	45	BLD	BLD	25
SH 36	BLD	15	35	BLD	BLD	30
SH 37	10	20	20	BLD	BLD	25
SH 38	25	20	50	BLD	4	20
SH 39	5	30	30	BLD	4	20
SH 40	10	20	35	BLD	4	20
SH 41	10	5	35	BLD	BLD	15
SH 42	300	25	40	BLD	4	20
SH 43	15	35	25	BLD	4	20
SH 44	45	25	25	BLD	2	25
SH 45	5	30	15	BLD	2	20
SH 46	BLD	25	30	BLD	BLD	20
SH 47	5	30	20	BLD	2	10
SH 48	5	25	20	BLD	6	10
SH 49	10	20	35	BLD	6	10
SH 50	15	15	35	BLD	6	20
SH 51	5	30	35	BLD	BLD	15
SH 52	15	50	40	BLD	4	15
METHOD	1018	1018	1018	1018	102	32

030

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073031

Lab. Sheet No. 1626/10 Field Sheet No. 6744

SAMPLE	CU	PS	Z	AG	BI	MO
SH 52 8853	5	20	30	BLD	2	15
SH 54	5	20	30	BLD	2	10
SH 55	10	40	25	BLD	2	15
SH 56	5	25	20	BLD	BLD	20
SH 57 8857	5	20	15	BLD	4	20
METHOD						

METHODS.

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031

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073032

Lab. Sheet No. 1644/1 Field Sheet No. 6747

SAMPLE	CU	PS	ZN	AG	BI	MO
SH 58 8858	15	15	40	BLD	6.	20
SH 59 8859	65	30	30	BLD	18	15
SH 60 8860	15	20	20	BLD	12	15
SH 61 1	10	10	15	BLD	6	10
SH 62 2	10	10	15	BLD	2	10
SH 63 3	5	10	10	BLD	6	10
SH 64 4	10	10	25	BLD	4	10
SH 65 5	10	10	15	BLD	4	10
SH 66 6	10	15	15	BLD	4	15
SH 67 7	5	20	20	BLD	4	15
SH 68 8	5	20	15	BLD	6	20
SH 69 9	10	45	25	BLD	4	10
SH 70 8870	5	25	30	BLD	6	10
SH 71 1	25	15	50	BLD	12	10
SH 72 2	10	20	20	BLD	8	BLD
SH 73 3	10	25	50	BLD	12	10
SH 74 4	10	25	25	BLD	2	BLD
SH 75 5	5	25	20	BLD	12	10
SH 76 6	15	15	30	BLD	4	15
SH 77 7	20	10	50	BLD	6	15
SH 78 8	15	30	45	BLD	8	10
SH 79 9	10	25	25	BLD	12	15
SH 80 8880	10	15	15	BLD	8	15
SH 81 1	5	10	10	BLD	10	10
SH 82 2	10	15	10	BLD	2	10
SH 83 3	10	10	20	BLD	8	10
SH 84 4	10	15	30	BLD	10	15
SH 85 5	10	20	15	BLD	BLD	15
SH 86 6	10	10	25	BLD	BLD	10
SH 87 7	20	10	100	BLD	6	15
SH 88 8	15	15	50	BLD	2	15
SH 89 9	10	20	10	BLD	12	10
SH 90 8890	10	30	10	BLD	6	15
SH 91 1	5	25	15	BLD	6	15
SH 92 2	10	75	20	BLD	6	15
SH 93 3	5	30	25	BLD	BLD	BLD
SH 94 4	15	15	35	BLD	BLD	15
SH 95 8895	15	15	10	BLD	4	15
SH 96	10	10	30	BLD	BLD	15
SH 97	10	15	35	BLD	4	15
SH 98	15	15	55	BLD	4	20
METHOD	1018	1013	1013	1012		

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METHODS

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073033

Lab. Sheet No. 1751/1 Field Sheet No. 6587

SAMPLE	CU	PB	ZN	AG	BI	MO
SH 99	5	20	30	BLD	2	10
SH 100	5	25	95	BLD	16	10
SH 101	20	25	45	BLD	BLD	10
SH 102	5	20	20	BLD	2	10
SH 103	5	20	15	BLD	BLD	10
SH 104	10	30	70	BLD	2	10
SH 105	5	20	40	BLD	2	10
SH 106	5	20	25	BLD	BLD	10
SH 107	5	20	40	BLD	2	10
SH 108	5	30	60	BLD	2	10
SH 109	10	15	45	BLD	4	10
SH 110	10	15	40	BLD	8	10
SH 111	5	15	25	BLD		
SH 112	5	15	25	BLD		
SH 113	5	10	30	BLD		
SH 114	5	20	35	BLD		
SH 115	5	20	45	BLD		
SH 116	BLD	15	30	BLD		
SH 117	5	10	15	BLD		
SH 118	5	20	25	BLD		
SH 119	5	15	10	BLD		
SH 120	5	15	15	BLD		
SH 121	5	10	20	BLD	2	10
SH 122	5	5	10	BLD	2	10
SH 123	10	10	135	BLD	6	10
SH 124	5	10	40	BLD	8	10
SH 125	25	10	20	BLD	4	10
SH 126	20	10	75	BLD		
SH 127	10	10	45	BLD	8	10
SH 128	10	5	20	BLD	4	20
SH 129	10	5	45	BLD	4	20
SH 130	5	5	10	BLD	2	10
SH 131	5	10	60	BLD	4	20
SH 132	5	10	10	BLD	2	20
SH 133	5	20	10	BLD	2	20
SH 134	5	20	10	BLD	6	20
SH 135	5	10	20	BLD	8	20
SH 136	10	10	45	BLD	10	20
SH 137	10	10	15	BLD	4	20
SH 138	5	15	10	BLD	4	20
SH 139	15	15	25	BLD	2	10
SH 140	10	15	55	BLD	10	10
SH 141	15	15	45	BLD	8	10
SH 142	10	15	45	BLD	6	20
SH 143	15	30	50	BLD	10	30
SH 144	10	25	60	BLD	8	30
SH 145	5	30	45	BLD	6	20
SH 146	15	30	25	BLD		
SH 147	5	10	35	BLD		
SH 148	5	10	40	BLD		
SH 149	5	10	35	BLD		
SH 150	5	10	35	BLD	6	10
METHOD	101B	101B	101B	101B	102	M02

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[Handwritten box around SH 125 and SH 126 data]

METHODS.

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073034

Lab. Sheet No. 175/12 Field Sheet No. 658

SAMPLE	CU	PB	ZN	AG	BI	MO
SH 151 8951	10	10	45	BLD	6	20
SH 152	10	10	25	BLD		
SH 153	10	10	25	BLD		
SH 154	10	10	40	BLD		
SH 155	10	10	45	BLD		
SH 156	5	10	25	BLD		
SH 157	5	5	20	BLD		
SH 158	10	10	120	BLD		
SH 159	50	10	25	BLD		
SH 160 8960	30	10	25	BLD		
SH 161 8961	5	10	10	BLD	2	10
SH 163 8963	5	10	20	BLD	2	20
SH 164 8964	BLD	10	15	BLD	4	20
SH 165 8965	5	10	10	BLD	2	20
SH 167	5	5	10	BLD	BLD	20
SH 168 8968	BLD	5	10	BLD	14	20
SH 169 8969	5	5	5	BLD	2	40
SH 170 8970	5	5	10	BLD	BLD	20
SH 171	5	5	15	BLD	2	20
SH 172	5	5	15	BLD	2	10
SH 173	5	5	50	BLD	2	20
SH 174	10	10	30	BLD	2	20
SH 175	15	5	25	BLD	2	20
SH 176	10	5	15	BLD	2	20
SH 177	5	5	10	BLD	2	BLD
SH 178	5	10	10	BLD	2	10
SH 179	5	5	10	BLD	2	10
SH 180 8980	5	5	5	BLD		
SH 181	10	5	35	BLD		
SH 182	10	10	40	BLD		
SH 183	5	10	10	BLD		
SH 184	5	5	20	BLD		
SH 185	5	5	20	BLD		
SH 186	5	10	35	BLD		
SH 187	10	10	40	BLD		
SH 188	10	10	35	BLD		
SH 189	10	10	20	BLD		
SH 190 8990	5	5	15	BLD	BLD	10
SH 191	5	5	35	BLD	2	10
SH 192	5	10	10	BLD	2	10
SH 193	5	5	10	BLD	2	10
SH 194	5	5	10	BLD	2	10
SH 195	5	5	25	BLD		
SH 196	5	10	20	BLD		
SH 197	BLD	20	50	BLD		
SH 198 8998	BLD	20	65	BLD		
SH 199 8999	5	20	50	BLD		
SH 200	5	10	15	BLD		
SH 201 9001	5	10	25	BLD		
SH 202	5	20	50	BLD		
METHOD	101B	101B	101B	101B	102	M02

NOT ON MAP

Not on MAP

METHODS.

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073035

Lab. Sheet No. 1751/3 Field Sheet No. 6589

SAMPLE	CU	PB	ZN	AG	BI	MO
SH 203 9003	5	20	10	BLD		
SH 204 9004	5	20	25	BLD		
SH 205 9005	BLD	20	25	BLD		
SH 206 9006	5	30	55	BLD		
SH 207 9007	BLD	20	25	BLD		
SH 208 9008	BLD	70	25	BLD		
METHWD	101B	101B	101B	101B	102	M02

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073036

Lab. Sheet No. 2065/18 Field Sheet No. 12745 -80

SAMPLE	DATA BASE NOS	CU	PB	ZN	AG	BI		
WB 1	3401	30	35	65	BLD	BLD	BLD	
WB 2	3402	50	35	60	BLD	BLD	BLD	
WB 3		50	35	45	BLD	BLD	BLD	
WB 4		50	35	65	BLD	BLD	BLD	
WB 5		40	40	50	2	BLD	BLD	
WB 6		40	30	60	4	BLD	BLD	
WB 7		40	35	55	3	BLD	BLD	
WB 8		40	30	60	2	BLD	BLD	
WB 9		40	30	65	BLD	BLD	BLD	
WB 10	3410	40	30	65	BLD	BLD	BLD	
WB 11		40	30	60	BLD	BLD	BLD	
WB 12		40	30	60	BLD	BLD	BLD	
WB 13		30	30	65	BLD	BLD	BLD	
WB 14		30	35	70	BLD	BLD	BLD	
WB 15		30	40	80	BLD	BLD	BLD	
WB 16		30	40	60	BLD	BLD	BLD	
WB 17		20	35	40	BLD	BLD	BLD	
WB 18		20	20	50	BLD	BLD	BLD	
WB 19		20	15	55	BLD	BLD	BLD	
WB 20	3420	20	15	45	BLD	5	BLD	
WB 21		50	20	80	BLD	5	BLD	
WB 22		50	20	75	2	BLD	BLD	
WB 23		50	20	85	BLD	BLD	BLD	
WB 24		50	20	85	2	BLD	BLD	
WB 25		50	20	105	BLD	BLD	BLD	
WB 26		40	20	70	BLD	BLD	BLD	
WB 27		30	20	75	BLD	BLD	BLD	
WB 28		20	20	35	BLD	BLD	BLD	
WB 29		30	15	80	3	BLD	BLD	
WB 30	3430	30	30	75	2	5	BLD	
WB 31		35	25	75	2	BLD	BLD	
WB 32		40	20	75	2	BLD	BLD	
WB 33		35	20	90	2	10	BLD	
WB 34		30	20	75	BLD	5	BLD	
WB 35		30	25	70	BLD	5	BLD	
WB 36		30	20	70	BLD	BLD	BLD	
WB 37		30	20	95	BLD	5	BLD	
WB 38		30	20	85	BLD	BLD	BLD	
WB 39		35	20	70	BLD	BLD	BLD	
WB 40	3440	25	20	65	BLD	BLD	BLD	
WB 41		25	20	80	BLD	BLD	BLD	
WB 42		25	30	65	BLD	BLD	BLD	
WB 43		25	25	60	BLD	BLD	BLD	
WB 44		20	20	60	BLD	BLD	10	
WB 45		25	20	65	BLD	BLD	BLD	
WB 46		25	20	55	BLD	BLD	10	
WB 47		15	20	35	BLD	BLD	BLD	
WB 48		5	20	25	BLD	BLD	BLD	
WB 49		15	15	40	BLD	BLD	BLD	
WB 50	3450	15	15	45	BLD	BLD	BLD	
WB 51		15	20	40	BLD	BLD	BLD	
WB 52	3452	10	20	30	BLD	BLD	BLD	
METHOD		101B	101B	101B	101B	102	MO2	

METHODS:

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036

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073037

Lab. Sheet No. 2065/19 Field Sheet No. 1592

-80-

SAMPLE	CU	PB	ZN	AG	BI		
WB 53 3453	10	20	25	BLD	BLD	BLD	
WB 54	10	15	30	BLD	BLD	BLD	
WB 55	15	15	60	BLD	BLD	BLD	
WB 56	10	15	35	BLD	BLD	BLD	
WB 57	20	15	50	BLD	BLD	BLD	
WB 58	20	15	45	BLD	BLD	BLD	
WB 59	20	15	40	2LD	BLD	BLD	
WB 60	20	15	40	BLD	BLD	BLD	
WB 61	20	15	35	BLD	BLD	BLD	
WB 62	20	20	45	3LD	BLD	BLD	
WB 63	25	20	70	BLD	BLD	BLD	
WB 64	30	20	65	BLD	BLD	BLD	
WB 65	35	20	60	BLD	BLD	BLD	
WB 66 3466	30	20	65	BLD	BLD	BLD	
METHOD	101B	101B	101B	101B	102	MO2	

METHODS:

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073038

Lab. Sheet No. 2065/20 Field Sheet No. 6595 -80-

SAMPLE	CU	PB	ZN	AG	BI		
WB 67 3467	30	30	55	3	BLD	BLD	BLD
WB 68	25	35	40	BLD	BLD	BLD	BLD
WB 69	50	40	45	BLD	BLD	10	BLD
WB 70	15	40	15	BLD	BLD	BLD	BLD
WB 71	10	20	15	BLD	BLD	BLD	BLD
WB 72	10	25	10	BLD	BLD	BLD	BLD
WB 73	10	25	10	BLD	BLD	10	BLD
WB 74	10	15	10	BLD	BLD	BLD	BLD
WB 75	10	15	15	BLD	BLD	BLD	BLD
WB 76	5	15	10	BLD	BLD	BLD	BLD
WB 77	10	15	20	BLD	BLD	BLD	BLD
WB 78 3478	10	75	15	BLD	BLD	BLD	BLD
WB101 3501	15	20	55	BLD	BLD	BLD	BLD
WB102	15	15	35	BLD	BLD	BLD	BLD
WB103	5	20	20	BLD	BLD	BLD	BLD
WB104	5	10	20	BLD	BLD	BLD	BLD
WB105	5	10	30	BLD	5	BLD	BLD
WB106	10	10	45	BLD	5	BLD	BLD
WB107	10	10	50	BLD	5	BLD	BLD
WB108	10	10	25	BLD	BLD	BLD	BLD
WB109	10	10	30	BLD	BLD	BLD	BLD
WB110	10	10	55	BLD	BLD	BLD	BLD
WB111	15	15	40	BLD	BLD	BLD	BLD
WB112	15	10	60	BLD	BLD	BLD	BLD
WB113	10	15	35	BLD	BLD	BLD	BLD
WB114	10	10	35	BLD	BLD	BLD	BLD
WB115 3515	10	10	40	BLD	BLD	BLD	BLD
METHOD	101B	101B	101B	101B	102		MO2

METHODS.

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Lab. Sheet No. 1841/1 Field Sheet No. 11244

-80-

SAMPLE	DATA BASE NO	CU	PB	ZN	AG	BI	MO
A	1	25	30	120	BLD	BLD	40
A	2	30	40	90	BLD	BLD	20
A	3	25	35	65	BLD	BLD	BLD
A	3	25	30	60	BLD	5	20
A	5	25	25	60	BLD	5	20
A	6	20	20	110	BLD	BLD	50
A	7	15	20	50	BLD	BLD	BLD
A	8	10	20	95	BLD	BLD	40
A	9	15	20	35	BLD	BLD	40
A	10	15	20	150	BLD	BLD	60
A	11	30	30	180	BLD	BLD	BLD
A	12	30	35	180	BLD	BLD	BLD
A	13	30	35	10	BLD	BLD	BLD
A	14	15	15	10	BLD	BLD	BLD
A	15	10	15	10	BLD	BLD	BLD
A	16	5	15	10	BLD	BLD	BLD
A	17	5	20	10	BLD	BLD	BLD
A	18	10	20	15	BLD	BLD	BLD
A	19	15	20	15	BLD	5	BLD
A	20	10	15	20	BLD	BLD	BLD
A	21	15	15	15	BLD	BLD	20
A	22	20	20	100	BLD	BLD	40
A	23	25	25	95	BLD	BLD	20
A	24	25	30	180	BLD	BLD	BLD
A	25	30	45	145	BLD	BLD	20
A	26	30	40	125	BLD	BLD	BLD
A	27	30	40	70	BLD	BLD	20
A	28	15	30	55	BLD	BLD	20
A	29	20	25	20	BLD	BLD	20
A	30	5	20	10	BLD	BLD	20
A	31	5	10	10	BLD	10	BLD
A	32	5	20	10	BLD	10	40
A	33	5	15	10	BLD	10	BLD
A	34	5	20	10	BLD	BLD	40
A	35	10	20	40	BLD	5	40
A	36	10	30	45	BLD	10	20
A	37	10	25	30	BLD	15	20
A	38	10	30	65	BLD	10	50
A	39	10	25	80	BLD	5	40
A	40	15	30	50	BLD	15	40
A	41	10	20	60	BLD	5	BLD
A	42	15	20	60	BLD	10	40
A	43	10	20	55	BLD	10	30
A	44	15	20	60	BLD	10	40
A	45	10	20	70	BLD	5	60
A	46	20	30	45	BLD	5	50
A	47	25	40	25	BLD	BLD	20
A	48	20	30	30	BLD	BLD	20
A	49	20	35	40	BLD	15	20
A	50	15	30	40	BLD	5	40
A	51	10	25	30	BLD	5	40
A	52	10	40	30	BLD	10	30
METHOD		101B	101B	101B	101B	102	M 02

METHODS.

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073040

Lab. Sheet No. 1841/2 Field Sheet No. 17245

-80

SAMPLE	CU	PB	ZIN	AG	BI	VO
A 53	15	25	90	BLD	10	BLD
A 54	25	40	175	BLD	10	BLD
A 55	20	30	150	BLD	10	BLD
A 56	20	30	120	BLD	10	BLD
A 59	25	25	120	BLD	15	BLD
A 61	15	25	30	BLD	10	BLD
A 63	20	15	110	BLD	15	20
A 68	25	25	35	BLD	10	20
A 70	10	20	25	BLD	10	20
A 74	10	20	85	BLD	15	20
A 75	15	30	35	BLD	10	BLD
A 77	10	20	75	BLD	10	10
A 78	20	25	55	BLD	5	BLD
A 79	15	30	75	BLD	10	30
A 80	20	25	65	BLD	10	30
A 81	20	20	75	BLD	5	30
A 34A	25	20	50	BLD	15	20
METHOD	101B	101B	1013	101B	102	102

METHODS.

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042

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073041

Lab. Sheet No. 1867/1 Field Sheet No. 17247

-80

SAMPLE	DATA BASE No.	CU	AKK BI	CA MO	PB	ZN	AG
A	57	20	BLD	BLD	30	130	BLD
A	58	30	5	BLD	30	120	BLD
A	60	25	BLD	BLD	20	110	BLD
A	62	20	5	BLD	20	80	BLD
A	64	25	10	BLD	30	70	BLD
A	67	20	10	BLD	40	70	BLD
A	69	20	5	BLD	20	30	BLD
A	71	30	10	BLD	50	140	BLD
A	72	20	5	BLD	30	65	BLD
A	73	20	5	BLD	30	75	BLD
A	76	15	10	BLD	30	80	BLD
A	83/3783	10	5	BLD	15	40	BLD
A	84/3784	10	BLD	BLD	15	10	BLD
A	85	5	10	BLD	30	65	BLD
A	86	70	10	BLD	40	185	BLD
A	87	10	5	BLD	15	15	BLD
A	88	5	5	BLD	20	15	BLD
A	89 3789	15	15	BLD	20	90	BLD
A	90 3790	20	10	BLD	30	125	BLD
A	91 1	15	5	BLD	30	95	BLD
A	92 2	20	5	BLD	30	90	BLD
A	93 3	25	5	BLD	30	90	BLD
A	94 4	20	5	BLD	30	75	BLD
A	95 5	20	10	BLD	30	60	BLD
A	96 3796	15	10	BLD	20	90	BLD
A	109 3809	10	10	BLD	15	20	BLD
A	112 3812	10	5	BLD	15	10	BLD
A	114 3814	20	5	BLD	40	90	BLD
A	115 3815	25	5	BLD	30	140	BLD
A	116 3816	20	5	BLD	30	BLD	BLD
A	118 3818	15	5	BLD	30	80	BLD
METHOD		101B	101B	101B	101B	101B	101B

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073042

Lab. Sheet No. 1867/3 Field Sheet No. _____

-80

SAMPLE	CU	HXX BI	X&X MO	PB	ZN	AG
A 65	25	10	BLD	30	80	BLD
A 66	20	10	BLD	40	80	BLD
METHOD	101B	101B	101B	101B	101B	101B

040

047

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073043

Lab. Sheet No. 1948/1

Field Sheet No. 12733

EL-6/68 *Scanned*

SAMPLE		CU	PB	ZN	AG	BI -20%	MO -20%
AB 1	5201	10	10	50	BLD	BLD	BLD
AB 2	5202	10	20	80	BLD	BLD	BLD
AB 3	3	15	25	75	BLD	BLD	BLD
AB 4	4	15	25	75	BLD	BLD	Insuf. smple
AB 5	5	20	25	75	BLD	INSUF.	sample
AB 6	6	25	30	80	BLD	BLD	BLD
AB 7	7	25	30	65	BLD	BLD	BLD
AB 8	8	30	30	80	BLD	5	BLD
AB 9	9	30	30	30	BLD	10	10
AB 10	5210	30	30	70	BLD	BLD	BLD
AB 11	1	25	30	20	BLD	BLD	BLD
AB 12	2	20	25	20	BLD	BLD	BLD
AB 13	3	30	30	85	BLD	BLD	BLD
AB 14	4	35	30	70	BLD	BLD	BLD
AB 15	5	35	25	80	BLD	BLD	BLD
AB 16	6	40	25	80	BLD	BLD	BLD
AB 17	7	45	25	100	BLD	BLD	BLD
AB 18	8	40	30	20	BLD	BLD	BLD
AB 19	9	30	25	20	BLD	BLD	BLD
AB 20	5220	25	25	20	BLD	15	BLD
AB 21	1	45	20	40	BLD	10	10
AB 22	2	60	35	40	BLD	5	10
AB 23	3	85	40	50	BLD	10	10
AB 24	4	80	45	40	BLD	5	10
AB 25	5	75	40	50	BLD	BLD	10
AB 26	6	60	40	55	BLD	BLD	BLD
AB 27	7	55	40	50	BLD	5	BLD
AB 28	8	60	35	45	BLD	10	BLD
AB 29	9	60	30	45	BLD	10	10
AB 30	5230	80	30	55	BLD	20	10
AB 31	1	120	30	45	BLD	10	10
AB 32	2	100	35	50	BLD	10	10
AB 33	3	80	50	60	BLD	15	10
AB 34	4	65	65	55	BLD	15	10
AB 35	5	30	30	20	BLD	20	10
METHOD		101B	101B	101B	101B	102	M02

044

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073044 Lab. Sheet No. 1978/2 Field Sheet No. 12734

Alberston

SAMPLE	CU	PB	ZN	AG	BI	MO
A 130	20	20	35	BLD	25	BLD
A 131	15	20	50	BLD	15	BLD
A 132	15	25	50	BLD	20	BLD
A 133	10	30	50	BLD	5	BLD
A 134	10	30	55	BLD	5	10
A 135	10	25	45	BLD	10	BLD
A 136	5	25	45	BLD	BLD	BLD
A 137	10	25	45	BLD	10	20
A 138	10	30	40	BLD	10	20
A 139	10	20	40	BLD	BLD	20
A 140	10	20	45	BLD	BLD	20
A 141	15	15	45	BLD	BLD	20
A 142	15	10	30	BLD	BLD	20
A 143	15	10	35	BLD	10	20
A 144	15	15	50	BLD	10	20
A 145	15	20	70	BLD		20
METHOD	101B	101B	101B	101B	102	M02

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073045

Lab. Sheet No. 2011/7

Field Sheet No. 127/6

-80

SAMPLE	CU	PB	ZN	AG	B1	MO
A 97 3797	30	10	40	3	BLD	BLD
A 98 3798	20	10	35	3	5	BLD
A 99 3799	20	15	30	3	5	BLD
A 100 3800	40	35	40	3	5	BLD
A 101 3801	40	30	30	4	BLD	BLD
A 102 3802	35	20	85	3	BLD	BLD
A 104 3804	30	35	110	3	BLD	BLD
A 107	35	30	85	4	BLD	BLD
					BLD	BLD
A 110 3816	30	15	10	4	5	BLD
A 111 3811	5	15	15	3	10	BLD
A 113 3813	5	10	10	3	10	BLD
A 117 3817	25	25	80	3	5	BLD
A 119 3819	15	10	40	3	BLD	BLD
A 120 3820	15	10	45	3	10	BLD
A 121 3821	25	20	85	3	BLD+	BLD
A 122 3822	25	15		4	BLD	BLD
					5	BLD
A 124	5	10	25	3	10	BLD
A 125	5	15	20	3	30	BLD
					25	BLD
A 127	5	15	45	3	20	BLD
A 128	5	20	20	3	20	BLD
A 129	5	10	15	3	30	BLD
METHOD	101B	101B	101B	101B	102	MO2

045

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073046

Lab. Sheet No. 2011/8 Field Sheet No. 13759

-80

SAMPLE	DATA BASE No.	CU	PB	ZN	AG		
A 138		10	15	25	3	5	BLD
A 139		15	15	30	3	BLD	BLD
A 140		5	10	30	3	BLD	BLD
A 141		5	10	25	3	BLD	BLD
A 142		5	10	20	2	BLD	BLD
A 143		5	15	25	3	BLD	BLD
A 144		5	15	20	3	BLD	BLD
A 145		10	15	20	3	BLD	BLD
A 146		5	10	20	3	BLD	BLD
A 147		5	10	30	3	BLD	BLD
A 148		10	10	25	3	BLD	BLD
A 149		10	10	20	3	BLD	BLD
A 150		10	15	35	3	BLD	BLD
A 151		15	10	30	3	BLD	BLD
A 152		10	15	25	3	BLD	BLD
A 153		10	10	55	4	BLD	BLD
A 154		20	20	50	4	BLD	BLD
A 155		5	20	45	4	BLD	BLD
A 156		5	10	40	4	BLD	BLD
A 157		5	10	35	3	BLD	BLD
A 158		5	15	35	4	5	BLD
A 159		5	15	35	4	BLD	BLD
A 160		5	15	25	4	BLD	BLD
A 161	3861	5	10	20	4	BLD	BLD
A 162		10	15	35	4	BLD	BLD
A 163	3863	5	10	25	4	BLD	BLD
A 164	4	15	10	40	4	BLD	BLD
A 165	5	20	15	35	4	BLD	BLD
A 166	6	35	15	40	4	BLD	BLD
A 167	7	40	15	50	4	5	BLD
A 168	8	40	20	35	4	BLD	BLD
A 169	3869	10	10	25	4	BLD	BLD
A 180	3880	10	10	25	4	5	BLD
A 181	1	5	10	170	4	BLD	BLD
A 182	3882	5	10	10	3	5	BLD
						BLD	BLD
A 184	3884	10	10	25	4		
A 185	3885	15	15	40	4	5	BLD
A 188	3888	20	20	45	5	5	BLD
A 191	3891	30	20	40	5	5	BLD
A 192	2	30	20	50	5	5	BLD
A 193	3	5	10	35	5	5	BLD
A 194	4	10	10	25	4	BLD	BLD
A 195	5	5	10	25	4	BLD	BLD
A 196	3896	5	10	25	3	BLD	BLD
METHOD		101B	101B	101B	101B	102	M02

METHODS.

(Any other information on Sample No. 196)

046

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073048

Lab. Sheet No. 2065/21 Field Sheet No. 13108 -80-

SAMPLE	DATA BASE NO	CU	PB	ZN	AG	BI	MO
A 301		15	15	35	BLD	BLD	BLD
A 302		15	10	35	BLD	BLD	BLD
A 303		15	10	40	BLD	BLD	BLD
A 304		15	30	45	BLD	BLD	BLD
A 305		10	20	35	BLD	BLD	BLD
A 306		10	15	65	BLD	BLD	BLD
A 307		10	10	45	BLD	BLD	BLD
A 308		5	10	35	BLD	BLD	BLD
A 309		5	10	25	BLD	BLD	BLD
A 310		5	10	25	BLD	BLD	BLD
A 311		5	10	25	BLD	BLD	BLD
A 312		5	10	25	BLD	BLD	BLD
A 313		5	10	75	BLD	BLD	BLD
A 314		5	10	45	BLD	BLD	BLD
A 315		5	10	25	BLD	BLD	10
A 316		10	10	20	BLD	BLD	BLD
A 317		10	10	40	BLD	BLD	BLD
A 318	3918	10	10	30	BLD	BLD	BLD
A 319	3919	10	10	55	BLD	BLD	BLD
A 320	3920	20	15	35	BLD	BLD	BLD
A 321	1	15	10	50	BLD	BLD	BLD
A 322	2	15	20	60	BLD	BLD	BLD
A 323	3	70	20	80	4	BLD	BLD
A 324	4	20	15	80	5	BLD	BLD
A 325	5	25	20	80	3	BLD	BLD
A 326	6	70	20	85	3	BLD	BLD
A 327	7	65	20	70	2	BLD	BLD
A 328	8	60	15	75	BLD	.	
A 329	9	65	10	80	BLD	BLD	BLD
A 330	3930	55	15	70	2	BLD	BLD
A 331	1	60	10	85	2	BLD	BLD
A 332	2	20	20	65	BLD	BLD	BLD
A 333	3	10	15	75	BLD	BLD	BLD
A 334	4	55	20	80	3	BLD	BLD
A 335	5	15	15	65	BLD	BLD	BLD
A 336	6	55	15	85	BLD	BLD	10
A 337	7	55	10	75	BLD	BLD	BLD
A 338	8	15	20	50	BLD	BLD	BLD
A 339	9	15	20	85	BLD	BLD	BLD
A 340	3940	10	20	35	BLD	BLD	BLD
A 341	1	10	10	25	BLD	BLD	BLD
A 342	2	10	10	30	BLD	BLD	BLD
A 343	3	10	10	30	BLD	BLD	BLD
A 344	4	10	10	30	BLD	BLD	BLD
A 345	5	10	5	25	BLD	BLD	BLD
A 346	6	20	5	45	BLD	BLD	BLD
A 347	7	20	20	100	BLD	BLD	BLD
A 348	3948	15	10	40	BLD	BLD	10
METHOD		101B	101B	101B	101B	102	MO2

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Lab. Sheet No. 2011/H Field Sheet No. 12755

80
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SAMPLE	CU	PB	ZN	AG	BI -20#	MO -20#
AB 36 5236	30	55	30	4	5	10
AB 37 7	50	45	35	4	20	10
AB 38 8	100	45	35	5	35	20
AB 39 9	95	50	50	5	20	20
AB 40 5240	85	50	50	6	20	20
AB 41 1	85	60	50	5	15	20
AB 42 2	85	45	50	6	20	10
AB 43 3	85	40	50	5	25	20
AB 44 4	90	45	35	5	25	10
AB 45 5	85	30	35	5	15	10
AB 46 6	85	30	40	4	30	20
AB 47 7	55	30	15	3	25	20
AB 48 8	45	45	20	3	20	10
AB 49 9	45	20	30	3	10	BLD
AB 50 5250	45	30	55	4	10	BLD
AB 51 1	40	20	20	4	10	BLD
AB 52 2	45	15	25	3	15	BLD
AB 53 3	75	45	35	3	20	BLD
AB 54 4	55	45	30	3	5	BLD
AB 55 5	55	30	40	3	10	BLD
AB 56 6	35	10	20	3	10	BLD
AB 57 7	50	15	25	3	5	BLD
AB 58 8	170	100	45	3	BLD	BLD
AB 59 9	140	45	50	3	10	BLD
AB 60 5260	130	45	45	3	5	BLD
AB 61 1	120	40	45	3	5	BLD
AB 62 2	10	10	20	3	5	BLD
AB 63 3	60	30	30	3	15	BLD
AB 64 4	65	30	30	3	10	BLD
AB 65 5	65	30	40	3	15	BLD
AB 66 5266	65	40	40	4	15	BLD
METHOD	101B	101B	101B	101B	102	MO2

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Lab. Sheet No. 2011/5 Field Sheet No. 12731

-80

SAMPLE	CU	PB	ZN	AG	BI	MO
AB 67	40	30	45	3	BLD	20
AB 68	35	20	50	4	BLD	20
AB 69	35	20	40	5	BLD	10
AB 70	30	20	40	4	BLD	BLD
AB 71	30	25	40	4	BLD	BLD
AB 72	60	15	65	3	BLD	BLD
AB 73	60	40	70	5	BLD	BLD
AB 74	50	25	70	5	BLD	BLD
AB 75	30	30	60	5	5	BLD
AB 76	20	20	40	4	BLD	BLD
AB 77	20	30	45	4	BLD	BLD
AB 78	25	20	50	4	BLD	BLD
AB 79	20	20	55	4	BLD	BLD
AB 80	20	25	45	4	BLD	BLD
AB 81	15	20	40	4	BLD	BLD
AB 82	10	15	40	4	BLD	BLD
AB 83	15	20	40	4	BLD	BLD
AB 84	15	20	55	4	BLD	BLD
AB 85	20	30	70	5	BLD	BLD
AB 86	15	30	55	5	BLD	BLD
AB 87	20	35	85	5	5	BLD
AB 88	20	35	70	5	5	BLD
AB 89	25	35	70	5	5	BLD
AB 90	30	30	45	5	BLD	BLD
AB 91	30	30	45	5	BLD	BLD
AB 92	25	40	30	4	BLD	BLD
AB 93	20	30	30	4	BLD	BLD
AB 94	20	20	30	4	BLD	BLD
AB 95	15	20	25	4	BLD	BLD
AB 96	20	20	30	4	BLD	BLD
AB 97	25	20	30	4	10	BLD
AB 98	25	15	25	4	10	BLD
AB 99	20	15	25	3	BLD	BLD
AB 100	20	15	25	3	BLD	BLD
AB 101	20	10	25	3	5	BLD
AB 102	10	20	25	3	5	BLD
AB 103	5	25	30	3	BLD	BLD
AB 104	5	20	25	3	BLD	BLD
AB 105	10	25	25	4	BLD	BLD
AB 106	10	30	20	4	BLD	BLD
AB 107	10	25	30	4	5	BLD
AB 108	10	20	15	3	BLD	BLD
AB 109	10	20	25	3	BLD	BLD
AB 110	10	20	30	3	BLD	BLD
AB 111	10	15	35	3	BLD	BLD
AB 112	15	20	25	4	BLD	BLD
AB 113	15	20	30	3	BLD	BLD
AB 114	15	20	35	3	BLD	BLD
AB 115	15	20	20	4	5	BLD
AB 116	25	20	25	4	5	BLD
AB 117	25	15	25	4	5	BLD
AB 118	35	20	25	4	5	BLD
METHOD	101B	101B	101B	101B	102	MO2

METHODS.

(Any queries please quote Lab Sheet Number)

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073051

Lab. Sheet No. 2011/8 Field Sheet No. 12749

80

SAMPLE	CU	PB	ZN	AG	BI	MO
AB 119 5319	40	25	25	4	5	BLD
AB 120 5320	40	20	35	4	5	BLD
AB 121 ↑	45	20	30	4	BLD	BLD
AB 122 2	45	20	30	4	5	BLD
AB 123 3	50	30	25	4	5	BLD
AB 124 4	50	25	25	4	5	BLD
AB 125 5	50	75	15	4	5	BLD
AB 126 6	5	50	10	4	BLD	BLD
AB 127 7	30	40	65	4	BLD +	BLD
AB 128 8	45	45	85	5	BLD	BLD
AB 129 9	40	35	65	6	5	BLD
AB 130 5330	40	25	60	3	5	BLD
AB 131 1	25	15	40	5	10	BLD
AB 132 2	15	25	10	3	BLD	BLD
AB 133 3	10	10	10	3	BLD	BLD
AB 134 4	5	10	10	3	5	BLD
AB 135 5	5	20	10	3	5	BLD
AB 136 6	10	15	15	3	5	BLD
AB 137 7	10	15	15	3	5	BLD
AB 138 8	10	30	15	3	5	BLD
AB 139 9	10	30	20	3	5	BLD
AB 140 5340	15	25	15	3	5	BLD
AB 141 1	30	40	100	3	5	BLD
AB 142 2	35	40	80	3	5	BLD
AB 143 3	30	30	80	4	5	BLD
AB 144 4	30	40	85	4	5	BLD
AB 145 5	30	40	80	4	5	BLD
AB 146 6	30	40	80	4	5	BLD
AB 147 7	25	40	95	4	5	BLD
AB 148 8	35	30	65	3	5	BLD
AB 149 9	30	20	55	3	10	BLD
AB 150 5350	20	20	15	2	5	BLD
AB 151 1	10	15	15	2	10	BLD
AB 152 2	15	30	55	4	5	BLD
AB 153 3	30	30	90	6	5	BLD
AB 154 4	15	25	25	5	5	BLD
AB 155 5	15	25	50	5	5	BLD
AB 156 6	20	35	55	4	5	BLD
AB 157 7	20	20	55	4	5	BLD
AB 158 8	280	20	45	4	5	BLD
AB 159 9	100	20	30	4	5	BLD
AB 160 5360	15	20	30	4	5	BLD
AB 161 5361	220	20	35	4	5	BLD
METHOD	101	101B	101B	101B	102	MO2

METHODS

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073052

Lab. Sheet No. 2065/16 Field Sheet No. 6592 - 80 -

SAMPLE	CU	PB	RN	AG	BI	MO
Q 1	10	20	25	BLD	BLD	BLD
Q 2	5	20	10	BLD	BLD	BLD
Q 3	BLD	15	15	BLD	5	BLD
Q 4	5	10	15	BLD	BLD	BLD
Q 5	BLD	5	15	BLD	5	BLD
Q 6	5	10	10	BLD	BLD	BLD
Q 7	5	10	20	BLD	BLD	BLD
Q 8	BLD	5	5	BLD	BLD	BLD
Q 9	5	5	10	BLD	BLD	BLD
Q 10	5	10	25	BLD	BLD	BLD
Q 11	5	10	25	BLD	BLD	BLD
Q 12	5	5	15	BLD	BLD	BLD
Q 13	BLD	5	15	BLD	BLD	BLD
Q 14	BLD	5	10	BLD	BLD	BLD
Q 15	BLD	10	15	BLD	BLD	BLD
Q 16	BLD	10	10	BLD	BLD	BLD
Q 17	BLD	10	10	BLD	5	BLD
Q 18	BLD	10	5	BLD	5	BLD
Q 19	BLD	10	5	BLD	BLD	BLD
Q 20	BLD	10	10	BLD	BLD	BLD
Q 21	BLD	10	10	BLD	BLD	BLD
Q 22	BLD	10	10	BLD	BLD	BLD
Q 23	BLD	15	15	BLD	BLD	BLD
Q 24	BLD	20	15	BLD	BLD	BLD
Q 25	BLD	35	10	BLD	5	BLD
Q 26	BLD	10	10	BLD	BLD	BLD
Q 27	BLD	10	10	BLD	BLD	BLD
Q 28	10	10	30	BLD	BLD	10
Q 29	5	15	25	BLD	BLD	BLD
Q 30	30	10	25	BLD	BLD	BLD
Q 31	5	10	30	BLD	BLD	BLD
Q 32	5	10	25	BLD	BLD	10
Q 33	10	20	25	BLD	5	20
Q 34	10	20	30	BLD	BLD	BLD
Q 35	10	30	25	BLD	BLD	BLD
Q 36	5	30	30	BLD	BLD	BLD
Q 37	5	30	20	BLD	BLD	BLD
Q 38	5	15	15	BLD	5	BLD
Q 39	5	30	15	BLD	5	BLD
Q 40	5	35	15	BLD	BLD	BLD
Q 41	5	30	30	BLD	5	BLD
METHOD	101B	101B	101B	101B	102	MO2

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073053

Lab. Sheet No. 2065/17 Field Sheet No. 13164-80

SAMPLE	CU	PB	RN	AG	BI	MO
Q 43 8683	30	40	90	BLD	BLD	BLD
Q 44 4	15	30	75	BLD	5	BLD
Q 45 5	20	30	75	BLD	5	BLD
Q 46 6	30	35	95	3	BLD	BLD
Q 47 7	30	40	90	2	5	BLD
Q 48 8	30	30	105	3	5	BLD
Q 49 9	35	30	100	3	BLD	BLD
Q 50 8690	35	30	110	3	BLD	BLD
Q 51 1	30	35	85	3	BLD	BLD
Q 52 2	35	30	70	BLD	5	BLD
Q 53 3	40	35	105	BLD	BLD	BLD
Q 54 4	30	30	95	2	BLD	BLD
Q 55 5	25	35	70	2	BLD	BLD
Q 56 6	25	35	65	3	BLD	BLD
Q 57 8697	25	30	65	3	BLD	BLD
METHOD	101B	101B	101B	101B	102	MO2

METHODS

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DATA BASE
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Lab. Sheet No. 1524/1 Field Sheet No. 6566-

073054

SAMPLE	CU	PB	ZN	AG	BT	MO
M 1 3601	15	55	75	BLD		
M 2 3602	20	45	85	BLD		
M 3	10	35	50	BLD		
M 4	10	25	45	BLD		
M 5	15	30	45	BLD		
M 6	10	25	45	BLD		
* M 7	10	20	30	BLD		
M 8	10	20	35	BLD		
M 9	15	40	55	BLD		
M 10	15	40	55	BLD		
M 11	10	35	40	BLD		
M 12	10	25	45	BLD		
M 13 3613	15	20	45	BLD		
M 14 3614	30	45	100	BLD		
M 15 3615	15	30	40	BLD		
M 16 3616	10	25	110	BLD		
M 17 3617	20	25	70	BLD		
M 18 3618	15	40	35	BLD		
M 19 3619	25	30	90	BLD		
M 20 3620	10	30	70	BLD		
M 22 3622	15	30	65	BLD		
M 23 3623	15	20	65	BLD		
M 24 3624	25	45	110	BLD		
* M 25	10	30	55	BLD		
M 26 3626	5	25	60	BLD		
M 27 3627	20	20	80	BLD		
* M 28	40	30	220	BLD		
* M 29	10	30	20	BLD		
M 30 3630	20	35	100	BLD		
M 31 3631	15	35	30	BLD		
M 32 3632	10	25	45	BLD		
M 33 3633	10	35	35	BLD		
M 34 3634	10	25	60	BLD		
M 35 3635	10	25	55	BLD		
M 36 3636	15	50	40	BLD		
M 37 3637	5	20	30	BLD		
* M 38 3638	15	30	90	BLD		
M 39 3639	10	25	30	BLD		
* M 40 3640	10	45	20	BLD		
* M 41 3641	5	30	20	BLD		
* M 42 3642	5	20	35	BLD		
METHOD	101B	101B	101B	101B	102	102

* can't find points on map

METHODS:

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Lab. Sheet No. 1759 / Field Sheet No. 17226

073055

SAMPLE	CU	PB	ZN	AG	BI	MO
US 1	30	45	125	BLD	10	BLD
US 2	40	60	140	BLD	5	10
US 3	40	65	160	BLD	10	10
US 4	45	40	20	BLD	5	10
US 5	90	220	600	BLD	10	10
US 6	80	170	500	BLD	15	10
US 7	30	80	100	BLD	5	10
US 8	35	55	130	BLD	10	10
US 10	50	110	110	BLD	15	10
US 11	50	70	160	BLD	5	10
US 12	60	65	160	BLD	5	BLD
US 13	70	50	90	BLD	10	10
US 14	60	40	70	BLD	BLD	10
US 15	50	30	35	BLD	BLD	10
US 16	25	30	50	BLD	5	10
US 17	25	35	95	BLD	5	BLD
US 18	30	30	55	BLD	5	BLD
US 19	30	30	60	BLD	5	BLD
US 20	30	25	20	BLD	BLD	BLD
US 21	30	25	15	BLD	BLD	BLD
US 22	35	35	35	BLD	BLD	BLD
US 23	20	30	45	BLD	BLD	BLD
US 25	20	30	30	BLD	5	BLD
US 26	25	25	40	BLD	10	BLD
US 29	35	30	45	BLD	5	BLD
US 30	30	30	45	BLD	5	BLD
US 31	35	30	30	BLD	BLD	10
US 32	35	50	30	BLD	5	10
US 33	35	40	35	BLD	10	10
US 37	30	30	45	BLD	10	BLD
US 39	30	25	40	BLD	5	BLD
US 40	30	30	40	BLD	5	BLD
US 43	30	60	125	BLD	5	BLD
US 44	40	55	55	BLD	10	BLD
US 45	30	35	40	BLD	10	BLD
US 46	30	65	85	BLD	BLD	BLD
US 48	40	80	30	BLD	BLD	10
US 49	50	70	160	BLD	5	BLD
US 53	55	55	105	BLD	5	BLD
US 54	60	45	70	BLD	BLD	10
US 55	50	35	50	BLD	BLD	BLD
US 56	35	35	90	BLD	5	BLD
US 57	60	35	90	BLD	20	BLD
US 58	65	35	85	BLD	5	10
METHOD	101B	101B	101B	101B	102	M02

056

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073057

Lab. Sheet No. 1795/5 Field Sheet No. 11231

-80

SAMPLE	CU	PB	ZN	AG	BI	MO
US 97 8409	5	25	35	BLD	BLD	BLD
US 24 8424	5	25	30	BLD	BLD	BLD
US 27 8427	10	25	30	BLD	BLD	BLD
US 28 8428	5	40	75	BLD	BLD	BLD
US 34 8434	10	25	15	BLD	BLD	BLD
US 35 8435	5	30	40	BLD	BLD	BLD
US 36 8436	10	35	45	BLD	BLD	BLD
US 38 8438	10	20	35	BLD	BLD	BLD
US 41 8441	10	30	20	2LD	BLD	BLD
US 41A	5	40	20	BLD	BLD	BLD
US 42 8442	5	40	20	BLD	BLD	BLD
US 50 8450	5	30	15	BLD	BLD	BLD
US 51 8451	BLD	50	10	BLD	BLD	BLD
US 52 8452	BLD	25	10	BLD	BLD	BLD
US 61 8461	5	20	15	BLD	BLD	BLD
US 62 8462	40	30	15	BLD	BLD	BLD
US 63 8463	30	20	20	BLD	BLD	BLD
US 65 8465	30	25	35	BLD	BLD	BLD
US 66 6	5		30	BLD	BLD	BLD
US 67 7	25	25	35	BLD	BLD	BLD
US 68 8	10	30	30	BLD	BLD	BLD
US 69 9	25	30	30	BLD	BLD	BLD
US 70 870	15	20	55	BLD	BLD	BLD
US 72 8472	20	35	25	BLD	BLD	BLD
US 73 3	25	40	35	BLD	BLD	BLD
US 74 4	25	20	15	BLD	BLD	BLD
US 75 5	30	25	45	BLD	BLD	BLD
US 76 6	30	20	45	BLD	BLD	BLD
US 77 8477	40	30	65	BLD	BLD	BLD
US 79 8479	25	30	70	BLD	BLD	BLD
US 80 8480	25	30	20	BLD	BLD	BLD
US 81 1	20	20	35	BLD	BLD	BLD
x US 82 2	25	20	40	BLD	BLD	BLD
US 83 3	20	25	35	BLD	BLD	BLD
US 84 4	10	20	25	BLD	BLD	BLD
US 85 5	10	25	25	BLD	BLD	BLD
US 86 6	25	20	50	BLD	BLD	BLD
US 87 7	20	30	45	BLD	BLD	BLD
US 88 8	25	25	10	BLD	BLD	BLD
US 89 9	30	30	10	BLD	BLD	BLD
US 90 8490	30	150	115	BLD	BLD	BLD
US 91 1	50	70	80	BLD	BLD	BLD
US 92 2	90	45	70	BLD	BLD	BLD
US 93 3	40	30	55	BLD	BLD	BLD
US 94 4	50		60	BLD	BLD	BLD
US 95 5	70	50	40	BLD	5	BLD
US 96 6	75	40	70	BLD	BLD	BLD
US 97 7	120	70	240	BLD	BLD	BLD
US 98 8498	120	60	125	BLD	BLD	BLD
METHOD	101B	101B	101B	101B	102	MO2

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Lab. Sheet No. 1795/6 Field Sheet No. 17234

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SAMPLE	CU	PB	ZN	AG	BI	MO
US 99 8499	90	45	70	BLD		BLD
US 100 8500	50	30	20	BLD	BLD	BLD
US 101 8501	50	25	20	BLD	BLD	BLD
US 102 2	40	40	60	BLD	BLD	BLD
US 103 3	45	30	55	BLD	BLD	BLD
US 104 4	20	25	40	BLD	BLD	BLD
US 105 5	INSUFFICIENT SAMPLE			BLD	BLD	BLD
US 106 6	60	40	20	BLD	BLD	BLD
US 107 7	35	30	20	BLD	BLD	BLD
US 108 8	55	30	55	BLD		
US 109 9	45	30	45	BLD	BLD	BLD
US 110 8510	35	30	65	BLD		
US 111 1	30	25	15	BLD	BLD	BLD
US 112 2	40	30	45	BLD	BLD	BLD
US 113 3	45	30	50	BLD	BLD	BLD
US 114 4	70	30	50	BLD	BLD	BLD
US 115 5	100	30	50	BLD	BLD	BLD
US 116 6	70	30	55	BLD	BLD	BLD
US 117 7	40	40	20	BLD	BLD	BLD
US 118 8	40	30	20	BLD	BLD	BLD
US 119 9	35	30	20	BLD	5	BLD
US 120/8520 1	10	25	35	BLD	5	BLD
US 121 2	15	20	35	BLD	BLD	BLD
US 122 3	15		45	BLD	5	BLD
US 123 4	15	30	55	BLD	5	BLD
US 124 5	INSUFFICIENT SAMPLE				5	BLD
US 125 6	15	30	55	BLD	5	BLD
US 126 7	10	25	50	BLD	5	BLD
US 127/8527 8	10	15	15	BLD	BLD	BLD
US 127A 9	10	20	25	BLD	BLD	BLD
US 128/8528 10	10	40	15	BLD	BLD	BLD
US 129 8529 11	10	20	50	BLD	BLD	BLD
US 130/8530 12	10	30	60	BLD	BLD	BLD
US 131 13	15	30	65	BLD	BLD	BLD
US 132 2	15	25	65	BLD	BLD	BLD
US 133 3	15	80	20	BLD	BLD	BLD
US 134 4	15	100	15	BLD	BLD	BLD
US 135 5	10	150	15	BLD	BLD	BLD
US 136 8536 6	10	20	15	BLD	5	BLD
US 138 8538 7	10	20	10	BLD	5	BLD
US 139 8 9	10	25	40	BLD	BLD	BLD
US 140 8540 10	10	20	30	BLD	5	BLD
US 141 11 1	10	20	35	BLD	5	BLD
US 142 2 2	10	20	40	BLD	BLD	BLD
US 143 3 3	10	20	50	BLD	5	BLD
US 144 4 4	10	30	55	BLD	BLD	BLD
US 145 5 5	10	35	55	BLD	BLD	BLD
US 146 6 6	10	25	70	BLD	5	BLD
US 148 8548 7	10	40	140	BLD	BLD	BLD
US 149 8 9	20	25	55	BLD	5	BLD
METHOD	1018	1018	1018	1018	102	MO2

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Lab. Sheet No. 1795/7 Field Sheet No. 1735

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SAMPLE	CU	PB	ZN	AG	BI	MO
US 150 8550	25	25	40	BLD	BLD	BLD
US 151 1	15	20	40	BLD	5	BLD
US 152 2	10	20	35	BLD	5	BLD
US 153 3	10	15	30	BLD	5	BLD
US 154 4	10	15	30	BLD	BLD	BLD
US 155 5	5	20	30	BLD	BLD	BLD
US 156 6	5	20	25	BLD	5	BLD
US 157 7	10	20	15	BLD	5	BLD
US 158 8558	50	20	30	BLD	BLD	BLD
US 201 8601	25	30	40	BLD	5	BLD
US 203 8603	20	25	65	BLD	5	BLD
US 204 8604	20	15	65	BLD	5	BLD
US 205 8605	20	40	50	BLD	BLD	BLD
US 205A 206 8606	25	30	45	BLD	BLD	BLD
US 214 8614	15	20	35	BLD	BLD	BLD
US 215 5	10	40	130	BLD	BLD	BLD
US 216 6	20	35	100	BLD	BLD	BLD
US 217 7	20	40	105	BLD	5	BLD
US 218 8618	25	45	80	BLD	BLD	BLD
US 220 8620	5	15	10	BLD	BLD	BLD
US 221 1	5	20	5	BLD	BLD	BLD
US 222 2	30	45	130	BLD	BLD	BLD
US 223 3	30	40	300	BLD	BLD	BLD
US 224 8624	25	50	50	BLD	BLD	BLD
US 226 8626	15	20	20	BLD	BLD	BLD
US 227 8627	20	30	35	BLD	BLD	BLD
US 250 10	10	30	30	BLD	5	BLD
METHOD	101B	101B	101B	101B		

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Lab. Sheet No. 1841/3

Field Sheet No. 17240

-80-

SAMPLE	CU	PB	ZN	AG	BI	VO
U S 159 8559	20	25	35	BLD	10	BLD
U S 160 8560	15	40	70	BLD	15	20
U S 161	10	35	60	BLD	15	20
U S 162	15	30	25	BLD	15	BLD
U S 163	15	30	30	BLD	10	10
U S 164	20	45	60	BLD	20	30
U S 165	35	50	95	BLD	15	40
U S 166	40	35	40	BLD	15	20
U S 167	15	30	25	BLD	5	20
U S 168	10	25	20	BLD	5	40
U S 169	10	50	25	BLD	15	30
U S 170 8570	5	20	15	BLD	5	40
U S 171	5	10	15	BLD	10	40
U S 172	5	15	35	BLD	10	30
U S 173	15	40	60	BLD	10	20
U S 174	15	35	40	BLD	10	20
U S 175	15	25	35	BLD	10	30
U S 176	15	20	55	BLD	10	20
U S 177	20	35	55	BLD	10	BLD
U S 178	20	25	55	BLD	10	20
U S 179	20	15	35	BLD	10	BLD
U S 180 8580	20	20	110	BLD	5	BLD
U S 181	25	20	60	BLD	10	BLD
U S 182	20	25	35	BLD	5	BLD
U S 183	15	30	55	BLD	10	BLD
U S 184	15	30	35	BLD	15	BLD
U S 185	10	15	40	BLD	15	BLD
U S 186	10	30	35	BLD	10	BLD
U S 187	10	25	30	BLD	5	BLD
U S 188	10	20	25	BLD	5	10
U S 189	5	20	30	BLD	BLD	BLD
U S 190 8590	10	15	20	BLD	5	20
U S 191	10	50	20	BLD	BLD	BLD
U S 192	15	25	20	BLD	5	BLD
U S 193	10	25	25	BLD	15	BLD
U S 194	5	30	25	BLD	10	BLD
U S 195	5	35	35	BLD	BLD	BLD
U S 196	20	45	55	BLD	BLD	20
U S 197	20	30	50	BLD	BLD	20
U S 198	25	40	50	BLD	BLD	40
U S 199 8599	20	40	50	BLD	BLD	BLD
U S 200 8600	15	40	50	BLD	BLD	20
U S 207 8607	15	30	45	BLD	BLD	20
U S 208 8	10	25	60	BLD	BLD	20
U S 209 9	15	25	70	BLD	BLD	20
U S 210 8610	20	20	60	BLD	BLD	20
U S 211 11	15	20	55	BLD	BLD	20
U S 212 12	5	20	60	BLD	BLD	20
U S 213 8613	10	20	65	BLD	BLD	20
METHOD	101B	101B	101B	101B	102	102

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Lab. Sheet No. 1841/4

Field Sheet No. 17241

-20

SAMPLE	CU	PB	ZN	AG	BI	MO
U S 228 8628	5	50	50	BLD	BLD	20
U S 229 29	20	40	40	BLD	BLD	20
U S 230 8630	20	25	25	BLD	BLD	BLD
U S 231 1	10	30	35	BLD	25	BLD
U S 232 2	15	30	35	BLD	15	BLD
U S 233 8633	10	25	25	BLD	15	20
METHOD	101B	101B	101B	101B	102	102

METHODS:

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