REPORT ON
PREPARATION OF DRILL-HOLE DATA BASE
FOR THE MEL LEAD-ZINC-BARITE DEPOSIT
AND THE JERI NORTH DEPOSIT
WATSON LAKE MINING DISTRICT

Claim Names	Grant Numbers
Jean 1 – 4	Y72731 – Y72734
Sam 5	YB46145
Sam 7	YB46147
Sam 44	YB46184
Sam 46	YB46186
Sam 48	YB46188

NTS 95 D6
Latitude = 60º 21´ West
Longitude = 127º 24´ West
Owner - Kobex Minerals Inc.

Report by H.L. King, P. Geo

Dates work Performed: April 4, 2011 to February 24, 2012

Table of Contents

Page

1.0 Summary 3
2.0 Introduction 3
3.0 Location and Access 3
4.0 History 3
5.0 Property and Ownership 5
6.0 Regional and Local Geology 8
7.0 Mineralization 8
7.1 Mel Main Zone 8
7.2 Jeri Zone and Jeri North Zone 8
7.3 Mel East Zone 9
8.0 Description of Data Collected 9
9.0 Interpretation and Conclusions 10
9.1 Mel Main Zone 10
9.2 Jeri and Jeri North Zone 10
10.0 Statement of Qualifications 11
11.0 Statement of Expenditures 12
12.0 References 13

List of Tables

5.1 Mel Property Claim Status

List of Figures

Figure 1 Property Location Map

Figure 2 Claim Location Map

Figure 3 Mel Property, Geology and Mineralization

Appendices

Appendix A – Data Compilation Files

1. Mel Main Zone Drill Hole Plan
2. Mel Main Zone Drill Hole Collar Data
3. Mel Main Zone Drill Hole Survey Data
4. Mel Main Zone Assay Data
5. Mel Main Zone Lithology
6. Mel Main Zone Drill Sections 9400N to 10350N
7. Drill Sections (scanned)
8. Mel Jeri Zone Drill Plan
9. Mel Jeri Zone Drill Collar Data
10. Mel Jeri Zone Jeri Drill Hole Survey Data
11. Mel Jeri Zone Assay Data
12. Mel Jeri Zone Lithology
13. Mel Jeri Zone Drill Sections 9947N to 15200N

Appendix B – Drill plans and Drill hole sections for Mel Main Zone, Jeri and Jeri North Zones (hard copy)

Appendix C – Views of the wire frame model of Mel Main Zone

1.0 Summary

The preparation of a digital data base, compiled from original drill hole logs on the Mel Property was undertaken to enable a more accurate plotting of drill hole sections. The drill hole sections enabled an updated interpretation of the Mel Main Zone deposit model.

The digital data was then used in the construction of a wire-frame model which can now be used to provide the basis for a resource estimate for the Mel Main Zone by an independent engineering firm.

2.0 Introduction

This report summarizes the preparation of a digital data base compiled from original drill hole logs on the Mel Property. The objective of this work is to enable a geological re-interpretation from computer generated sections of drill-hole information and allow the construction of a wire frame model for the Mel Main Zone.

This digital data base will provide the information required to allow an independent estimate of a mineral resource for the Mel Main Zone deposit.

A CD containing this report and digital data collected is attached to this report (in pocket).

3.0 Location and Access

The Mel property is located in Southeast Yukon, 80 km east-northeast of Watson Lake (Figure 1). The property is located on NTS95 D/6 map sheet (Coal River) centered at 60º 23'N and 127º 20'E. UTM co-ordinates for the centre of the property are 6,694,000N and 591,000E.

Access to the property is provided by a winter road approximately 50 km long, leading north from a point on the Alaska Highway 77 km east of Watson Lake.

Alternate access is provided by a 640m-long airstrip located 1.5 km south of the Mel Main Deposit.

4.0 History

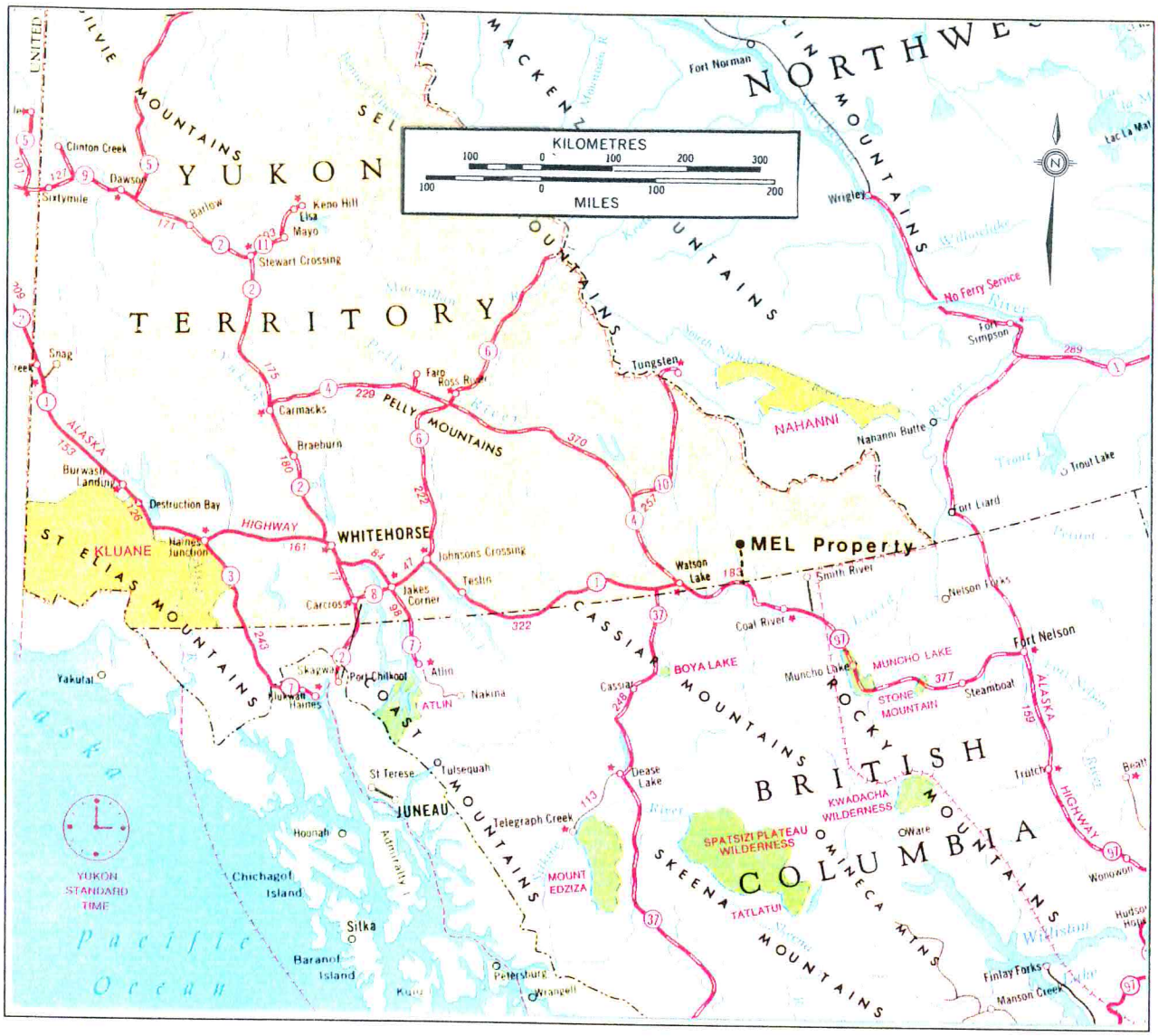
Extensive exploration work has been carried out on the Mel Property.

The results of previous exploration work, including location and extent of known mineralization, is illustrated in Figure 3 Geology and Mineralization.

The property was first staked by prospectors in 1967 and was subsequently acquired by Empire Metals Corporation Ltd. ("Empire"). Newmont Mining Corporation ("Newmont") optioned the property and conducted a program of trenching and geochemical surveys. Five trenches exposed low-grade, Mel Main Zone zinc-lead-barite mineralization over a strike length of 488 meters. The zone averaged 5.3% combined lead-zinc over widths from 2.3 to 9 meters.

Newmont subsequently dropped their option and the Mel property reverted to Empire in September, 1973. Empire then optioned the property to Granby Mining Corp. ("Granby"). Between 1974 and 1975, Granby conducted an 18 hole diamond drill program (1,952 meters). The drilling intersected two parallel, north-striking, barite-sphalerite-galena zones. The Mel Main Zone averaged 6.1 meters true width. Based on the drilling, a mineral resource of 2.6 million tonnes averaging 5.35% zinc, 1.93% lead, and 54.6% barite to a depth of 152 meters below surface was estimated.

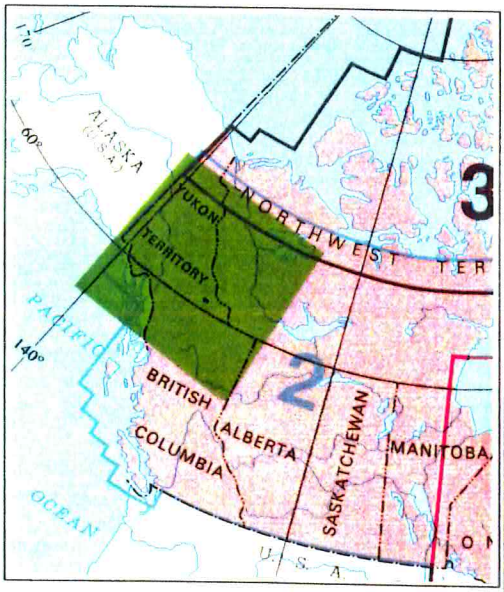
In 1976, St. Joseph Explorations Ltd. ("St. Joseph") optioned the Mel property from Sovereign Metals Corporation Ltd. ("Sovereign") and conducted geological mapping, geochemical and geophysical surveys on the property. Empire changed its name to Sovereign in January 1976. During 1978 and 1979, St.



LOCATION MAP

Watson Lake Mining District, Yukon

INDEX MAP



Area Covered

Yukon and Northern B.C.

Distances from Mel Property

Watson Lake	80 km (Air)
Alaska Hwy	50 km (Winter Rd.)
Fort Nelson	507 km - Railhead
Skagway	666 km - Tidewater

KOBEX MINERALS INC.

MEL PROPERTY
LOCATION & ACCESS

DRAWN BY	NTS	FIGURE
DCM/HSA	95D/6	1
REPORT DATE	PROJECT NO.	
March 15, 2012	8955	

Joseph completed a 19 hole drill program totalling 4,054 meters. Based on the drill program, a mineral resource of 4,782,380 tonnes grading 5.61% zinc, 2.05% lead, and 52.1% barite was estimated by St. Joseph for the Mel Main Zone. Preliminary metallurgical testing conducted on the Mel Main Zone by Lakefield Research in 1978 yielded concentrates ranging from 60.9% to 84.7% zinc, 78.0% to 79.6% lead and 90.3% to 94.4% barite.

In 1981, St. Joseph sold its 51% interest in the Mel property to Sulpetro Ltd. Following the sale, Sulpetro Minerals Ltd. ("Sulpetro") was established to hold the property. Regional exploration conducted by Sulpetro in 1981 led to the discovery of the "Mel East Zone", a zinc showing, located 7.3 kilometers northeast of the Mel deposit. Limited geochemical surveys conducted by Sulpetro over the next two years defined a large zinc soil anomaly in the area of the Mel East Zone.

Geological mapping and geochemical sampling conducted in 1984 between the Mel Main Zone and the Mel East Zone led to the discovery of the Jeri zinc showing, located 4 kilometers north-northeast of the Mel Main Zone. During 1985, Sulpetro drilled 10 holes totaling 1,009 meters to test the Jeri Zone. Nine (9) of the 10 holes intersected zinc mineralization over a strike length of 550 meters. Zinc values ranged up to 13.11% zinc over 3.37 meters within a large zone of silicified and dolomitized limestone. Later that year, Sulpetro sold its interest to Novamin Resources Ltd. ("Novamin"), who drilled-tested the Mel Main Zone at depth with a 7 hole drill program totalling 2,012 meters. Drill results indicated that the zinc-lead-barite mineralization continued to a depth of at least 450 meters below surface. As a result of the Novamin drilling, the mineral resource estimate was increased to 5,581,030 tonnes grading 6.63% zinc, 1.92% lead, and 49.64% barite. Breakwater purchased Novamin in 1988, giving them joint ownership of the Mel property with Barytex Resources Corp. ("Barytex") formerly Sovereign.

In 1989, Barytex conducted a soil geochemical survey near the Jeri Zone and completed four diamond drill holes (663 meters) on the Mel Main Zone. The drill program consisted of in-fill drilling at the north end of the Mel Main Zone and confirmed the continuity of the Mel Main Zone. Based on a 29 hole drill program, Barytex subsequently estimated a mineral resource for the Mel Main Zone of 5,687,492 tonnes grading 6.77% zinc, 1.92% lead and 51.1% barite.

A 1989 pre-feasibility study by Sandwell Swan Wooster Inc. concluded that the property was potentially viable and provided recommendations for further exploration and development.

Barytex conducted an in-fill drill program consisting of 11 diamond drill holes totalling 1,552 meters and surface trenching in 1990. Drilling between previously drilled, widely spaced holes aided in the design of an open-pit.

A resource estimate, based on 48 intersections from 42 diamond drill holes, was provided by consultants Nevin Sadlier-Brown Goodbrand Ltd. in a report dated October 9, 1990. The report stated that the Mel Main Zone contained a drill-indicated mineral inventory of 5,238,000 tonnes grading 7.86% zinc, 2.09% lead, and 48.98% barite for the Mel Main Zone.

In November 1992, Barytex was reorganized and the Company's name changed to International Barytex Resources Ltd. ("IBX"). Since August 1993, IBX and Cominco have spent a total of $1.33 million on exploration of the Mel property that has included the drilling of 25 diamond drill holes totalling 6,173 meters. Of the four sediment-hosted, zinc-rich zones discovered to date, three have been drilled; the Mel Main Zone, Jeri Zone and Jeri North Zone. The majority of the drilling has been conducted on the Mel Main Zone. No drilling has been conducted on the Mel East Zone.

During 1993, eighty-six (86) claims were staked to cover the northerly strike extension of the Jeri Zone and 66 line-kilometers of grid was established. Geological mapping traced the favorable contact hosting the Jeri Zone zinc mineralization for a strike length of over 9 kilometers. Eleven (11) trenches, excavated in 1993, exposed mineralization along a 2.5 kilometer section of the Jeri Zone. The most significant assay results from trench sampling were obtained from trench 5, where a 5 meter-wide zone averaged 16.5% zinc and in trench 4, where a 5 meter-wide zone averaged 10.7% zinc.

In 1994, six (6) additional drill holes totaling 3,122 meters were drilled on the Mel Main Zone. This led to an increase in the mineral resource, estimated by IBX, to 6,778,000 tonnes grading 7.1% zinc, 2.03% lead and 54.69% barite. Higher grade intersections have been defined within the Mel Main Zone in excess of 12% combined lead-zinc. The highest grade intersection assayed 19.72% zinc over an estimated true thickness of 5.16 meters. The Mel Main Zone is open down dip with potential to increase the resource tonnage.

Geochemical and geophysical surveys conducted in 1995 along strike and to the north of the Jeri Zone revealed significant zinc anomalies and geophysical induced polarization ("IP") and resistivity anomalies. During 1995, this new area, identified as Jeri North Zone, was tested with 8 widely-spaced drill holes totaling 847.6 meters over a strike length of two kilometers. Two of these holes intersected significant zinc mineralization; 15.6% zinc over a core length of 5.1 meters in hole J-95-5 and 9.9% zinc over a core length of 5 meters in hole J-95-4.

In the area 1.5 kilometers south of the Mel Main Zone, two drill holes tested a geophysical conductor on strike with the Mel Main Zone. The targeted mineralized horizon was not reached.

In 1996, Cominco, under an option agreement with IBX and Breakwater, began exploration work on the Mel Property. Exploration work included the drilling of 6 diamond drill holes totaling 1,189 meters on the Jeri North Zone. This program was aimed at further testing the 1995 discovery of zinc mineralization in holes J-95-4 and J-95-5. Drill hole J-96-10 drilled 200 meters to the south and along strike of holes J-95-4 and J-95-5, encountered 12.38% zinc over a 3 meter core length. The other 5 holes drilled within this area intersected lower grade zinc mineralization.

In the area to the south of the Mel Main Zone, one drill hole was drilled to test an IP anomaly believed to represent the southern extension of the favorable mineralized horizon hosting the Mel Main Zone. This drill hole did not intersect the favorable contact zone.

Cominco conducted a soil sampling program on the Mel East Zone to confirm the presence of the large zinc anomaly originally outlined by Sulpetro during their 1983 exploration program. Results indicated a strong zinc soil anomaly over an area 1,400 meters long by 150 meters wide, open to the north, south, and east. This anomaly is coincident with the favorable contact hosting a zinc showing. Cominco conducted additional soil sampling in 1996 in the Jeri North Zone area. Several anomalous samples correspond with the projected trace of the mineralized horizon.

During 1997, Cominco conducted IP and resistivity surveys in three areas: south of the Mel Main Zone; the Mel East Zone area; and an area on the southern part of the Jeri Zone. In addition, a magnetic survey and a limited gravity survey were conducted south of the Mel Main Zone. The geophysical program resulted in the identification of anomalies in all three areas surveyed. Two drill holes tested the geophysical conductors located 1.5 kilometers south of the Mel Main Zone. The holes intersected carbonaceous mudstones, interpreted to be a source for the geophysical anomalies. Neither of the two drill holes intersected the target contact zone that is host to the Mel Main Zone.

To date a total of 90 diamond drill holes (16,759 metres) have been drilled on the Mel property.

5.0 Property and Ownership

The Mel Property consists of 257 mineral claims covering 5,380 hectares. A list of the claims and information regarding the claims is shown in Table 5.1. Claim Location Map is shown in Figure 2.

Kobex Minerals Inc. has a 100% undivided interest in the mineral claims subject only to a royalty payment of 1% net smelter returns to Breakwater Resources Ltd.

Assessment work required to keep the claims in good standing is $100 per claim per year. Sufficient work has been filed to keep 46 claims in good standing until at least April 3, 2013.

127°30'0"W 582000 583000 584000 585000 586000 587000 588000 589000 590000 591000 592000 593000 594000

127°25'0"W

127°20'0"W

60°25'0"N 6704000 6703000 6702000 6701000 6700000 6699000 6698000 6697000 6696000 6695000 6694000 6693000 6692000 6691000 6690000 6689000 6688000

60°20'0"N

775 998 955 1090 940 1100 1054 1200 1000 1100 3000 2500 1100

OTTER

N

0 0.5 1 1.5 2 2.5 Miles

0 1 2 3 4 5 Kilometres

KOBEX MINERALS INC.	
MEL PROPERTY CLAIM LOCATION MAP WATSON LAKE MINING DISTRICT, YUKON	
SOURCE: NATURAL RESOURCES CANADA, 2008 NATIONAL TOPOGRAPHIC DATA BASE 95D/06	NTS 95D/06
DATE: FEBRUARY 21, 2012	FIGURE 2

Two hundred and eleven (211) claims require a payment of $100 per claim or equivalent assessment work amount to extend expiry dates to April 3, 2013.

A permit to conduct exploration work on the property is required. A Mining Lands Use Permit and Approval Operating Plan (LQ00221) was issued in June 2007, allowing exploration to June 2017. Pre-season and post season reports are required to be filed each year.

Table 5.1 Mel Property Claim Status

Claim Name and Number	Grant No.	Expiry Date
Andy 1-8	YA72509-YA72516	2013-04-03
Boz 1-4	YA66985-YA66988	2015-04-03
Chungo 1-4	YA66946-YA66949	2013-04-03
Chungo 5	YA66950	2015-04-03
Chungo 6	YA66951	2013-04-03
Chungo 7-8	YA 66952-YA66953	2015-04-03
Dave 1-8	YA72501-YA72508	2013-04-03
Edy 1-7	YA66962-YA66968	2013-04-03
Hose 1-4	YA66919-YA66922	2013-04-03
Hose 5	YA66923	2015-04-03
Hose 6	YA66924	2013-04-03
Hose 7	YA66925	2015-04-03
Hose 8	YA66926	2013-04-03
Jean 1-4	Y 72731-Y 72734	2019-04-03
Jean 5-10	Y 72961-Y 72966	2016-04-05
Jean 11-15	Y 74418-Y 74422	2017-04-03
Jean 16	Y 74423	2013-04-03
Jean 17	Y 74424	2017-04-03
Jean 18	Y 74425	2016-04-03
Jean 19	Y 74426	2014-04-03
Jean 20	Y 74427	2013-04-03
Jean 21	Y 74428	2016-04-03
Jeri 1-8	YA66931-YA66938	2015-04-03
Joe 1-2	YA45269-YA45270	2016-04-03
Joni 1-8	YA66846-YA66853	2013-04-03
Keli 1-4	YA66842-YA66845	2013-04-03
Keli 5-8	YA66927-YA66930	2013-04-03
Mel 11-16	Y 22230-Y 22235	2016-04-03
Mumbo 1-8	YA66977-YA66984	2013-04-03
Ott 1-8	YA66954-YA66961	2013-04-03
Ralfo 1-5	YA66939-YA66943	2013-04-03
Ralfo 6	YA66944	2015-04-03
Ralfo 7	YA66945	2013-04-03
Sam 1-4	YB46141YB43144	2013-04-03
Sam 5	YB46145	2015-04-03
Sam 6	YB46146	2013-04-03
Sam 7	YB46147	2015-04-03
Sam 8-39	YB46148-YB46179	2013-04-03
Sam 40	YB46180	2015-04-03
Sam 41	YB46181	2013-04-03
Sam 42-51	YB46182-YB46191	2015-04-03
Sam 52	YB46192	2013-04-03
Sam 53	YB46193	2015-04-03
Sam 54	YB46194	2013-04-03

Sam 55	YB46195	2015-04-03
Sam 56-70	YB46196-YB46210	2013-04-03
Sam 71	YB46211	2015-04-03
Sam 72-86	YB46212-YB46226	2013-04-03
Sin 1-8	YA66989-YA66996	2013-04-03
Sov 1-6	YA28600-YA28605	2016-04-03
Tomi 1-8	YA66969-YA66976	2013-04-03
Wet 1-16	Y 83309 Y 83324	2016-04-03
Wet 25-32	Y 83325-Y 83332	2016-04-03
Yang 1-4	YA67997-YA67000	2013-04-03
Yang 5	YA67001	2015-04-03
Yang 6	YA67002	2013-04-03

6.0 Regional and Local Geology

The claims are situated near the southern margin of the Selwyn Basin, a tectonic element present during Paleozoic time. Sedimentary rocks are dominant and range in age from late Precambrian to Devono-Mississippian. Mafic to intermediate volcanic rocks ranging in age from Upper Proterozoic to Lower Cambrian are present northeast of the property.

Sedimentary strata are folded along north-south trending axes and are offset by strike-slip, normal and thrust faults. Major north-south trending thrusts have easterly directed displacements ranging up to 3,000 meters.

The Mel property is underlain by sedimentary strata which are Lower Cambrian to Silurian in age. Lithologies include carbonates and clastic sediments broadly folded into a north-south trending, overturned syncline (Figure 3). The synclinal structure has been modified by a number of north-south trending faults which may exhibit both vertical and lateral displacements.

The stratigraphic unit which hosts the mineralization in the Mel deposit area is a well defined barite-quartz horizon which disconformably overlies a 150 meter-thick, grey, cryptograined limestone unit. A distinctive 30 meter-thick argillite unit overlying the mineralized horizon grades upward into wavy banded limestone, a rock unit which is well represented in the region.

7.0 Mineralization

The zinc-lead-barite mineralization at the Mel Main Zone and the zinc showings at the south end of the Jeri Zone and Mel East Zone occur within a stratigraphic zone resting on a cryptograined limestone unit that is overlain by a distinctive argillite unit grading upward into a wavy banded, argillaceous limestone. At the Jeri North zone, the same stratigraphic interval contains zinc (coarse-grained sphalerite) mineralization in a massive chert overlain by a volcanic flow and volcaniclastic sequence followed by wavy banded, argillaceous limestone. Of the four sediment-hosted, zinc-rich zones discovered to-date, three zones, the Mel Main Zone, Jeri Zone, and Jeri North Zone have been tested by drilling.

7.1 Mel Main Zone

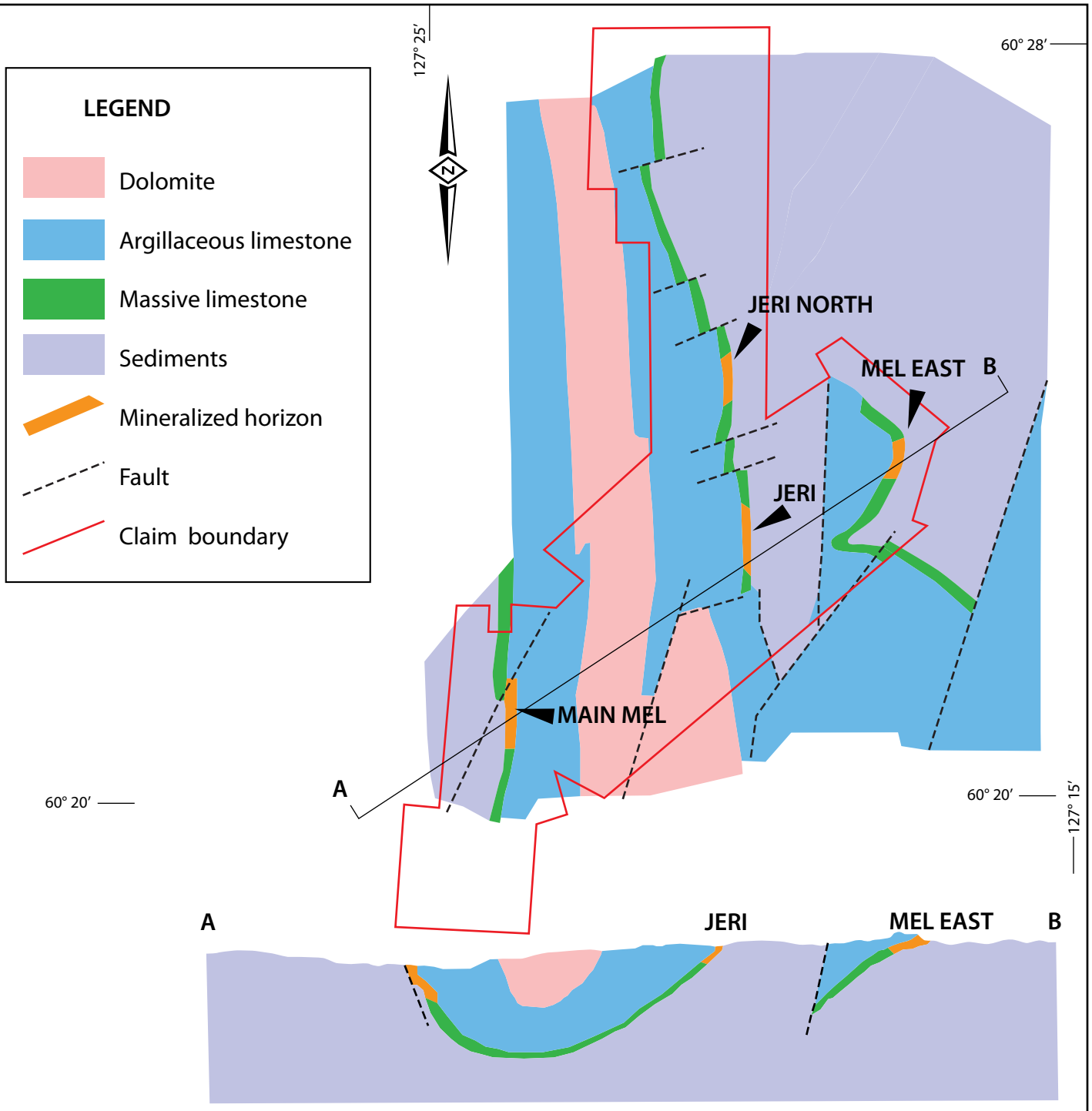
At the Mel Main Zone, mineralization consists of coarse-grained sphalerite and galena disseminated throughout a mixture of mudstone, silica, carbonate, and coarse crystalline barite. Minor amounts of fine grained, sparsely disseminated pyrite occur locally but overall accounts for less that 2% of the sulphides.

Historic resource estimates (non NI 43-101 compliant) based on drilling at the Mel Main Zone, has outlined an Indicated Resource of 6.78 million tonnes grading 7.10% zinc, 2.03% lead, and 54.69% barite based on 48 holes. The deposit is open down-dip with potential for a significant increase in tonnage. There are higher grade sections within the deposit and some 1 million tonnes grading 6.4% zinc, 1.88% lead, and 56.3% barite that could be available for open pit mining.

7.2 Jeri Zone and Jeri North Zone

At the Jeri Zone, unusually strong alteration of the footwall carbonate to zinc-bearing, hydrothermal dolomite and silicified dolomite has been exposed along the middle fold limb for several kilometers.

During 1985, Sulpetro drilled 10 holes totaling 1,009 meters to test the Jeri Zone. Nine (9) of the 10 holes drilled over a strike length of 550 meters intersected zinc mineralization. Zinc values ranged up to 13.11% zinc over 3.37 meters of core length within a thick zone of silicified and dolomitized limestone. In 1993, eleven trenches were excavated across the Jeri Zone along a 2.5 kilometer segment of the favorable horizon. Zinc values of up to 16.5% zinc over a 5 meter-wide zone were obtained from trench No. 5. The mineralization consisted of disseminated smithsonite and minor sphalerite hosted in silicified and



KOBEX MINERALS INC.		
MEL PROPERTY		
GEOLOGY AND MINERALIZATION		
Date:	Mar, 2012	*Author:* MJD *Drawing:* Terraccad Geoscience Services Ltd.
Projection:	Long/Lat.	*Figure:* 3

dolomitized limestone. The work conducted to date on the Jeri Zone is not sufficient to allow resource estimates to be made.

Geological mapping has extended this favorable horizon for 8 kilometers northward where diamond drilling in 3 holes during August, 1995 at the Jeri North Zone resulted in the discovery of zinc mineralization within an extensive chert unit underlying volcanic flows and tuffs that form part of the stratigraphy. Hole No. 95-4 intersected 9.9% zinc over 5.0 meters (4.7 meters true width) within a massive chert unit. Hole No. 95-5, drilled on the same section, intersected 15.6% zinc over 5.1 meters (3.1 meters true width) 70 meters down dip.

The Jeri North Zone was further tested in 1996 with drilling of 6 holes by Cominco totaling 1,139 meters in an attempt to expand the zone of zinc mineralization intersected in hole Nos. J-95-4 and J-95-5. One of the holes (J-96-10) drilled on strike and 200 meters to the south of J-95-4 and J-95-5, intersected two zones of significant sphalerite mineralization. One zone assayed 3.39% Zn over 2.1 meters of core length; the second zone returned 12.38% Zn over 3.0 meters of core length. However, holes drilled to test the down-dip and on strike extent of the above mentioned intersections failed to encounter significant zinc mineralization thus limiting the size of the mineralized zone.

At least five kilometers of the favorable horizon hosting the Jeri Zone and Jeri North Zone of zinc mineralization remains to be tested. Mineralization at the Jeri Zone is hosted by a limestone unit considered to be the equivalent of the cryptograined limestone which occurs at the Mel Main Zone. In the Jeri Zone area, these rocks are locally silicified, dolomitized, and brecciated at, and immediately beneath, the contact with the overlying argillite. The altered and brecciated limestone is mineralized by the zinc minerals smithsonite and sphalerite. Elevated lead values are present but no economically significant lead mineralization has been identified. Barite is present as a gangue mineral in quartz veins but does not appear to be sufficiently abundant to be economically important. The presence of the zinc carbonate mineral smithsonite suggests that zinc mineralization may, in part, be secondary.

7.3 Mel East Zone

At the Mel East Zone, smithsonite mineralization occurs at the contact of cryptograined limestone and wavy banded limestone on the eastern-most fold limb at the same stratigraphic position as seen at the Jeri and Jeri North zones. Three grab samples taken in 1981 from 3 separate small outcrops averaged 9.6% zinc. Subsequent soil sampling in 1982 revealed a 1,400 meter-long soil geochemical zinc anomaly coincident with the mineralized contact. Soil sampling in 1996 by Cominco confirmed the earlier geochemical results and outlined a north-south trending zinc anomalous zone 1,300 meters long and 150 meters wide that is open to the north, east, and south.

The mineralization at the Mel Main Zone, the Jeri Zone and the Mel East Zone is considered to be sedimentary-exhalative in origin. All the mineralization discovered to date occurs at the contact with underlying cryptograined limestone.

In addition to the exhalative type mineralization, there is potential for the discovery of unconformity and karst related zinc mineralization.

8.0 Description of Data Collected

A digital data base was prepared by compiling information from original drill hole logs from 90 diamond drill holes which tested zinc, lead, ± barite mineralization on 3 zones (Mel Main Zone, Jeri and Jeri North Zones) on the Mel Property.

All drill hole data including location, elevation of collars, down-hole survey data, rock types and assay data was entered in digital format onto excel spreadsheets.

Copies of the data compilation are found in Appendix A. A set of drill hole sections for the Mel Main Zone, Jeri and Jeri North zones was then generated by computer resulting in a more accurate presentation and interpretation of the drill hole information. A set of sections is found in Appendix B.

A wire-frame model of the Mel Main Zone deposit was then created which has enabled an interpretation of the mineral deposit model. The wire-frame model will provide the basis for generating an independent resource estimate for the Mel Main Zone.

Views of the wire frame model are found in Appendix C.

9.0 Interpretation and Conclusions

9.1 Mel Main Zone

The generation of a digital data base incorporating all the data on the Mel Main Zone has enabled a more accurate presentation of the data in the form of computer generated sections shown in Appendix B and allowed the construction of a wire-frame model of the Mel Main Zone (Appendix C).

The construction of the wire-frame model has enabled an interpretation to be made of the deposit shape and mineral distribution within the Mel Main Zone.

The Mel Main Zone is a disc-shaped zone of zinc-lead-barite mineralization, stratigraphically controlled. The zone of siliceous barite-rich zinc-lead mineralization rests disconformably on a cryptograined limestone unit and is overlain by a calcareous shale unit which in turn is overlain by a wavy banded limestone unit.

The central part of the mineralized body is characterized by massive barite with moderate zinc and lead content.

The highest grades zinc-lead values occur at the margins of the deposit where the deposit thins and barite content decreases. There is an increase in the barite content at depth along with an increase in the thickness of the zinc-lead-barite mineralization. The mineralized zone remains open at depth.

9.2 Jeri and Jeri North Zone

The digital data base generated for the Jeri and Jeri North Zones has allowed the creation of computer plotted sections.

At the Jeri Zone, sphalerite and minor lead is hosted by a limestone unit considered to be equivalent to the cryptograined limestone which forms the foot-wall at the Mel Main deposit.

The Jeri North Zone is located to the north of the Jeri Zone, along the same stratigraphic horizon. A volcanic sequence rests on a cryptograined limestone unit. Sphalerite mineralization occurs within a massive chert unit at the base of the volcanic sequence. Section 122N (Appendix B) shows the computer generated plot of Holes J-95-4 and J-95-5. Both holes intersected significant zinc values with Hole J-95-5 returning 15.0% zinc over a 5.1 meter interval. Not enough drilling has been completed on the Jeri North Zone to allow an estimate of a mineral resource but the digital data base provides a good base for the addition of future drill-hole data.

10.0 Statement of Qualifications

STATEMENT OF QUALIFICATIONS

CERTIFICATE

I, H. Leo King, of 4747 Marguerite Street, Vancouver, British Columbia do hereby certify that:

I am a geologist and a graduate of the University of Saskatchewan, B.A. (Geology) 1961, M.A. (Geology) 1965.

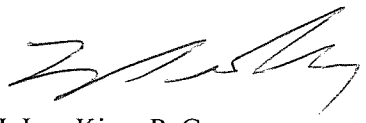
I am a member of the Association of Professional Engineers and Geoscientists of B.C. and a member of the Association of Professional Engineers of Ontario.

I am a Fellow of the Geological Association of Canada.

I have practiced my profession for over 40 years.

This report is based on work which I participated in during the period April 4, 2011 to February 24, 2012 and my knowledge of the Mel Property I gained during my direct involvement over a period of more than 30 years.

I am currently engaged by Kobex Minerals Inc. as a consultant to the Company.



H. Leo King, P. Geo

February 24, 2012

11.0 Statement of Expenditures

Consulting Services charged to Kobex Minerals Inc. by H. Leo King of H. Leo King & Associates Inc.

Description of Services: Preparation and editing of digital data base, generating prints of drill sections, interpretation of drill sections and preparation of Assessment report for the Mel Property.

Invoice No.	Year	Dates Work Performed	Time Charged (hrs)
23-11	2011	August 9,10,11	19
26-11	2011	September 1,6,12,13,14,15,22	37
28-11	2011	October 11,26,27,28,31	21
31-11	2011	November 2,4,22,25,29	12
34-11	2011	December 1,2,8,9,21	12
06-12	2012	January 12,16	6
10-12	2012	February 7,8,9,13,14,15,16,17,20,21,22,23,24	66
		Total hours	173
		Rate = $100/hr x 173 hrs =	$17,300
		HST (12%)	2,076
		Total charges	$19,376

Consulting services charges by Moonraker Multimedia Inc. for drill hole data and GIS work, drill section preparation and wire-frame modelling on Mel Project.

Invoice No.	Year	Dates Work Performed	Time Charged (hrs)
KXM 110713	2011	May 25 to July 13	12.25
KXM 110831	2011	July 14 to August 31	9.00
KXM 111005	2011	September 1 to October 5	18.00
KXM 20112	2011-2012	October 6, 2011 to January 11, 2012	36.50
		Total hours	75.75
		Rate = $75/hr x 75.75 hrs =	5,681.25
		HST (12%)	681.75
		Total charges	$6,363.00

Total costs incurred in preparation of Assessment Work Report on Mel Property from May 25, 2011 to February 24, 2012: **$25,739**.

12.0 References

CROFT, S.A.S., 1990. EXPLORATION PROGRAM ON THE MEL PROPERTY, WATSON LAKE M.D., YUKON; Report for Barytex Resources Corp.

KING, H.L., 1994. REPORT ON 1993 EXPLORATION PROGRAM ON THE MEL PROPERTY, WATSON LAKE M.D. YUKON; Assessment Report for International Barytex Resources Ltd.

KING, H.L., 1994. REPORT ON 1994 EXPLORATION PROGRAM on the MEL PROPERTY, WATSON LAKE M.D., YUKON; Assessment Report for International Barytex Resources Ltd.

KING, H.L., 1995. REPORT ON 1995 EXPLORATION PROGRAM on the MEL PROPERTY, WATSON LAKE M.D., YUKON; Assessment Report for International Barytex Resources Ltd.

MILLER, D.C., 1987. REPORT ON DIAMOND DRILLING, MEL PROPERTY, WATSON LAKE M.D. YUKON; Assessment Report prepared for Novamin Resources Inc.

MILLER, D.C., 1990. REPORT ON DIAMOND DRILLING, MEL PROPERTY, WATSON LAKE M.D. YUKON; Assessment Report prepared for Barytex Resources Corp.

SENFT, D.A., 1996. REPORT OF THE MEL PROPERTY – DIAMOND DRILLING AND SOIL GEOCHEMISTRY, WATSON LAKE M.D., YUKON; Assessment Report for Cominco Ltd.

SENFT, D.A., 1998. REPORT OF THE MEL PROPERTY – LINE CUTTING, GEOPHYSICS, SOIL GEOCHEMISTRY AND DIAMOND DRILLING, 1997, WATSON LAKE M.D., YUKON; Assessment Report for Cominco Ltd.

Appendix A – Data Compilation Files

9,700 mE | 9,800 mE | 9,900 mE | 10,000 mE | 10,100 mE | 10,200 mE | 10,300 mE | 10,400 mE

10,600 mN | 10,500 mN | 10,400 mN | 10,300 mN | 10,200 mN | 10,100 mN | 10,000 mN | 9,900 mN | 9,800 mN | 9,700 mN | 9,600 mN

N

75_16 — 50.3m
75_15 — 151.5m
75_14 — 130.2m
75_18 — 102.4m
75_17 — 53.7m
74_7 — 118.3m
75_13 — 202.1m
75_12 — 74_8 — 157.0m — 74.2m — 306.6m — 79_3
89_32 — 204.2m
220.1m — 89_31
90_40 — 134.1m
89_30 — 184.1m — 231.3m
74_1 — 126.5m — 79_2 — 62.6m
75_11
90_33 — 178.9m — 89_33 — 66.5m
90_34 — 143.6m — 299.0m
78_3 — 29.6m — 78_4 — 79_1
74_3 — 74_2 — 92.1m — 114.9m — 78_6 — 200.0m — 52.1m
43.3m — 90_43 — 90_42 — 249.0m — 90_41 — 152.7m
75_10 — 74_4 — 157.6m — 78_7 — 48.3m — 283.8m
79_4 — 282.1m
79_5 — 275.2m — 79_4,5
169.2m — 203.0m — 90_35
79_12
75_9 — 74_5 — 146.7m — 51.5m — 206.3m — 79_8
167.0m — 90_36
90_38 — 133.2m
90_37 — 142.1m — 231.3m
90_39 — 64.6m
74_6 — 64.3m
359.0m — 448.1m — 94_49
336.2m — 87_6
79_6
260.0m — 79_7 — 542.5m — 87_5 — 94_47
399.6m
428.9m — 462.1m — 94_45 — 94_46
660.3m
515.7m — 87_4
289.3m — 79_11
542.9m — 94_48
410.0m — 321.8m — 87_7 — 79_9
79_10

1000 | 990 | 980 | 970 | 960 | 950 | 940 | 930 | 920 | 910 | 900 | 890 | 880 | 870 | 860 | 850 | 840 | 830 | 820 | 810 | 800 | 790 | 780 | 770 | 760 | 750 | 740 | 730 | 720 | 710 | 700 | 690 | 680 | 670 | 660 | 650 | 640 | 630 | 620 | 610 | 600 | 590 | 580 | 570 | 560 | 550 | 540 | 530 | 520 | 510 | 500 | 490 | 480 | 470 | 460 | 450 | 440 | 430 | 420 | 410 | 400 | 390 | 380 | 370 | 360 | 350 | 340 | 330 | 320 | 310 | 300 | 290 | 280 | 270 | 260 | 250 | 240 | 230 | 220 | 210 | 200 | 190 | 180 | 170 | 160 | 150 | 140 | 130 | 120 | 110 | 100 | 090

0 | 20 | 40 | 60 | 100
metres

KOBEX MINERALS INC.

MEL PROPERTY
Main Zone

Drill Plan

Date	Feb 27, 2012	Scale	1:1000
Projection	Local Grid	State/Province	Yukon
Vert exag.	n/a	NTS	095D/06
Author	MJD	File	MelMain_drillPlan

Figure –

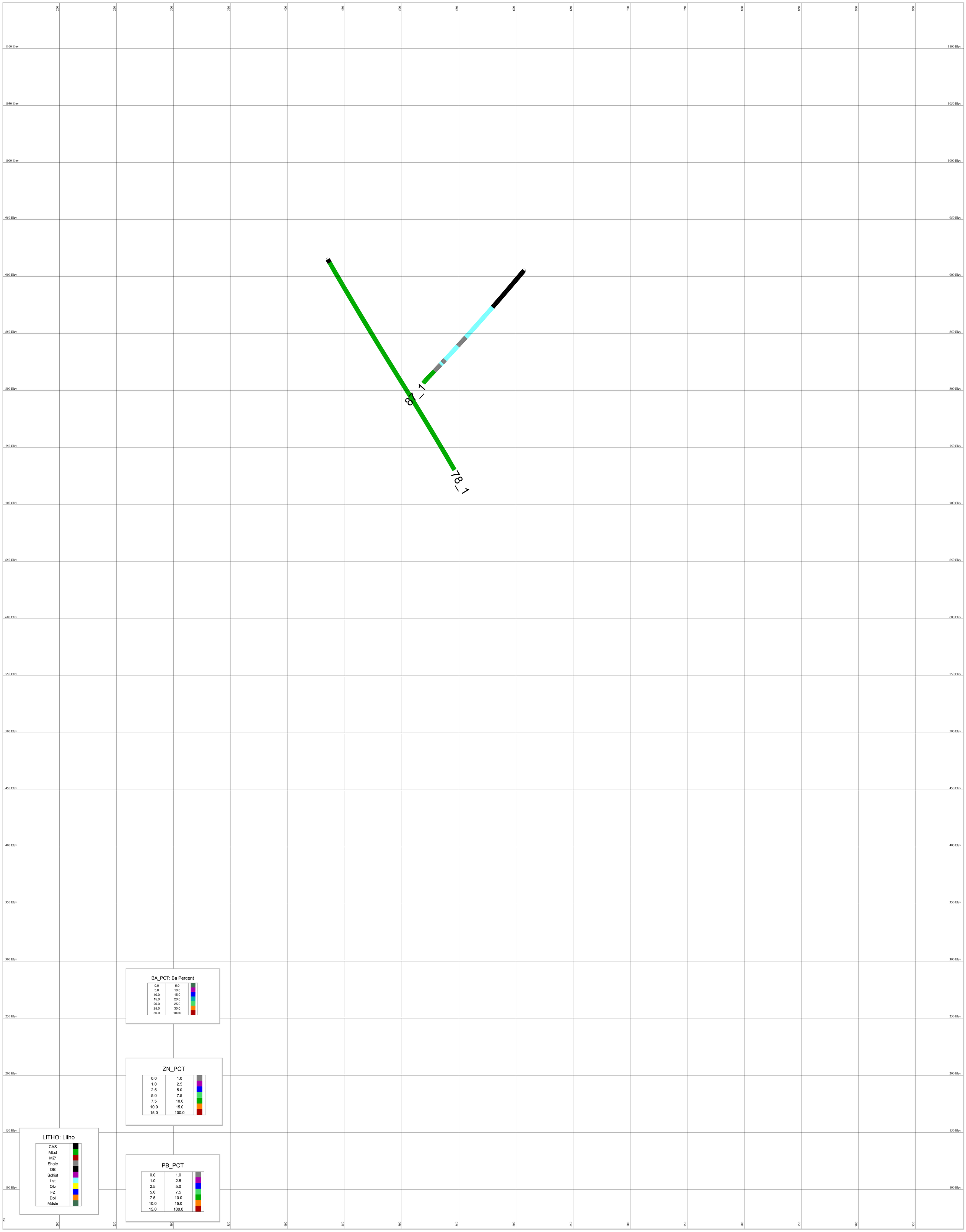
1. Mel Main Zone Drill Hole Plan

ZONE	Hole_ID	Easting	Northing	AZ	DIP	Length_m	Elev_m	Leo edits Oct 31-11
Main	74_1	9955.1	10087.1	90	-45	62.65	928.7	
Main	74_2	9938.7	10005.9	90	-45	52.13	911	
Main	74_3	9937.2	10005.9	0	-90	92.07	910.9	
Main	74_4	9938.2	9928.3	90	-60	48.25	906.5	
Main	74_5	9954	9789.3	90	-45	51.52	921.8	
Main	74_6	9970.4	9637	90	-45	64.33	914.7	
Main	74_7	9770.2	10339.7	90	-45	118.29	912.3	
Main	74_8	9944.2	10214.5	90	-45	74.24	950.7	
Main	75_9	9895.8	9790	90	-60	146.65	930.6	75-9 change collar elev. to 930.6
Main	75_10	9862	9926.5	90	-65	283.84	936.16	elevation changed to match topo
Main	75_11	9880.5	10083.5	90	-55	126.52	911.6	
Main	75_12	9866.8	10216.1	90	-50	157.01	919.5	elevation changed to match topo
Main	75_13	9858.4	10341.2	90	-45	202.13	935.1	
Main	75_14	9986.2	10524	90	-60	130.18	1077.8	
Main	75_15	9985.4	10647.5	90	-60	151.52	1101	
Main	75_16	9869.7	10655.4	90	-60	50.3	1075.7	
Main	75_17	9863.8	10479	90	-60	53.66	993.31	
Main	75_18	9732.5	10492.2	90	-45	102.44	895.68	
Main	78_1	9935	9400	92	-60	215.5	915	
Main	78_2	9925	9000	92	-45	46.33	900	
Main	78_3	9847.6	10006	92	-55	29.6	926	
Main	78_4	9878.1	10005	92	-65	299	914	
Main	78_5	9985.2	9200	103	-50	102.43	902	
Main	78_6	9962.5	10005.9	0	-90	200	910	
Main	78_7	9958.9	9928.3	0	-90	157.62	903.3	
Main	79_1	9879.6	10003.5	90	-50	114.9	912.9	
Main	79_2	9998.9	10087.6	0	-90	231.3	918	
Main	79_3	10002.3	10213.4	0	-90	306.62	942.1	
Main	79_4	10145	9931.8	270	-57	262.12	903.2	change easting to 10145
Main	79_5	10145	9931.8	270	-77	275.23	903.2	
Main	79_6	10252.8	10072.56	270	-58	336.2	904.18	
Main	79_7	10141.63	10003.3	270	-70	260	903.3	
Main	79_8	10040.81	9789.84	270	-80	206.3	902.1	
Main	79_9	10224.83	9783.99	274	-74	321.8	902.3	
Main	79_10	10121.06	9710.77	270	-59	231.3	904.19	
Main	79_11	10075.34	9823.06	0	-84	289.3	901.76	
Main	79_12	9871.35	9814.93	65	-50	169.2	936.24	
Main	87_1	10107.1	9399.1	273	-50	133.2	905.4	
Main	87_2	10045.4	8943	273	-60	38.71	900.2	
Main	87_3	10045.4	8943	273	-85	66.75	900.2	
Main	87_4	10287.2	9861.1	273	-76	515.72	902.2	
Main	87_5	10227.9	10006.1	273	-77	399.59	902.5	
Main	87_6	10216.3	10089.6	273	-79	448.06	912.7	
Main	87_7	10229.9	9787.1	273	-81.5	409.96	902.3	
Main	89_30	9974.5	10097.3	272	-85	184.1	924.7	
Main	89_31	9985.4	10157.3	272	-87	220.06	935	
Main	89_32	9988	10198.6	272	-87	204.22	942.1	
Main	89_33	9973.4	10049.3	272	-89.5	66.45	919	
Main	90_33	9973.4	10049.3	272	-89.5	178.92	919	
Main	90_34	9895.6	10039.1	92	-60	143.56	909.8	
Main	90_35	9973.7	9850.2	0	-90	203	918.4	
Main	90_36	9981.1	9751	0	-90	167.03	910.9	
Main	90_37	9929.9	9698.6	90	-69	142.07	922.2	
Main	90_38	9944.27	9742	90	-75	133.23	921.23	
Main	90_39	9970.6	9674.92	90	-46	64.63	912.21	
Main	90_40	9943.14	10129.52	90	-70	134.11	935.2	
Main	90_41	9955.55	9959.16	0	-90	152.7	904.2	
Main	90_42	9955.9	9959.1	90	-71	249.02	904.2	
Main	90_43	9955.85	9959.46	42	-45	43.28	904.2	
Main	94_44	10304	9900	270	-60	428.9	902.2	
Main	94_45	10304	9900	270	-68	462.1	902.2	
Main	94_46	10333	9900	270	-68	660.3	908.5	
Main	94_47	10376	10000	270	-68	542.5	903.3	
Main	94_48	10259	9805.5	270	-82	542.9	905.4	
Main	94_49	10222	10100	270	-72	359	912.8	
Mel South	SM95-1	10035	8500	270	-60	212.1	910	
Mel South	SM95-2	9970	8500	270	-48	105.4	910	
Mel South	SM96-3	9915	8500	270	-52	336.5	910	

Appendix A - Data Compilation Files

3. Mel Main Zone Drill Hole Survey Data
4. Mel Main Zone Assay Data
5. Mel Main Zone Lithology

See Data Files



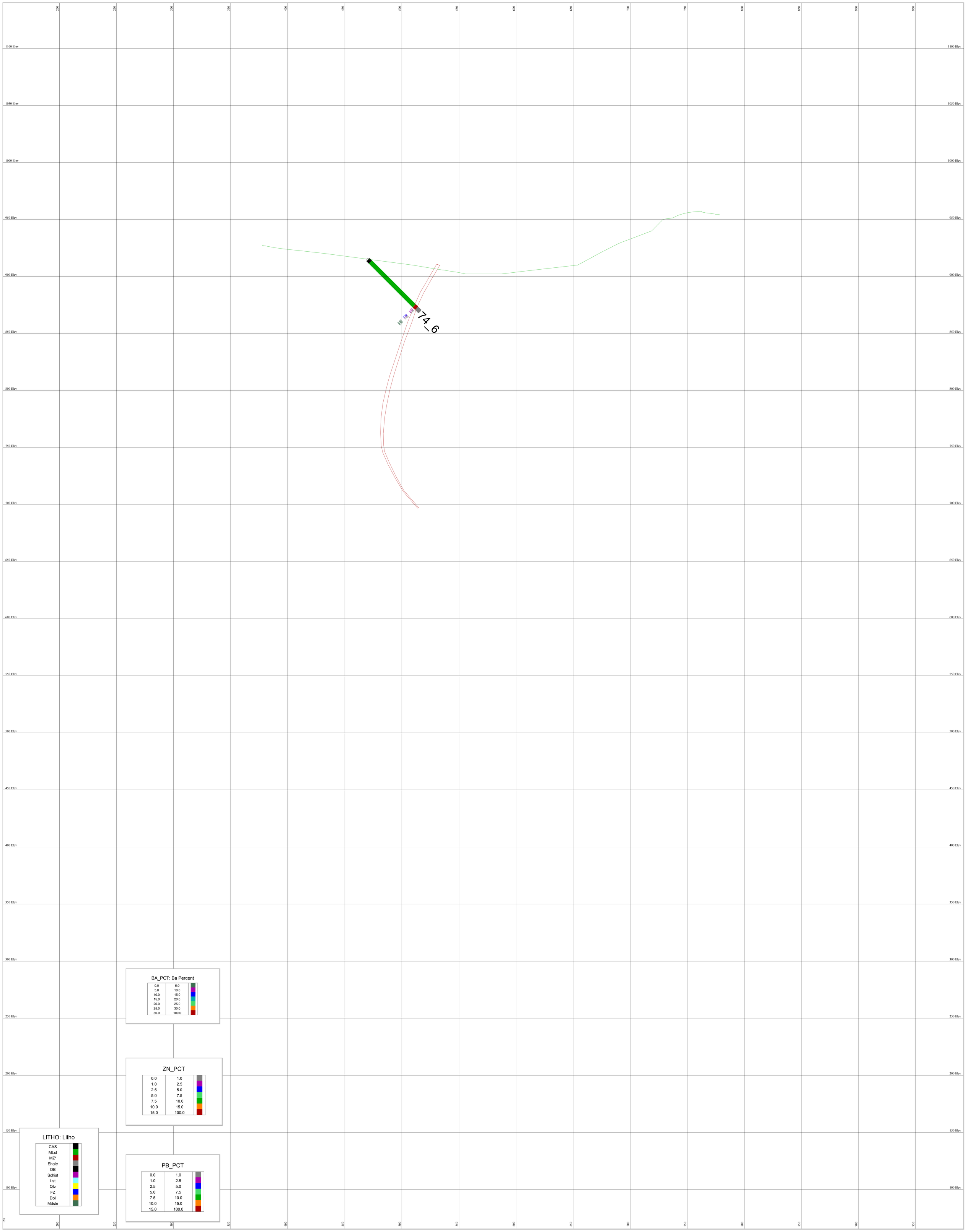
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9400N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



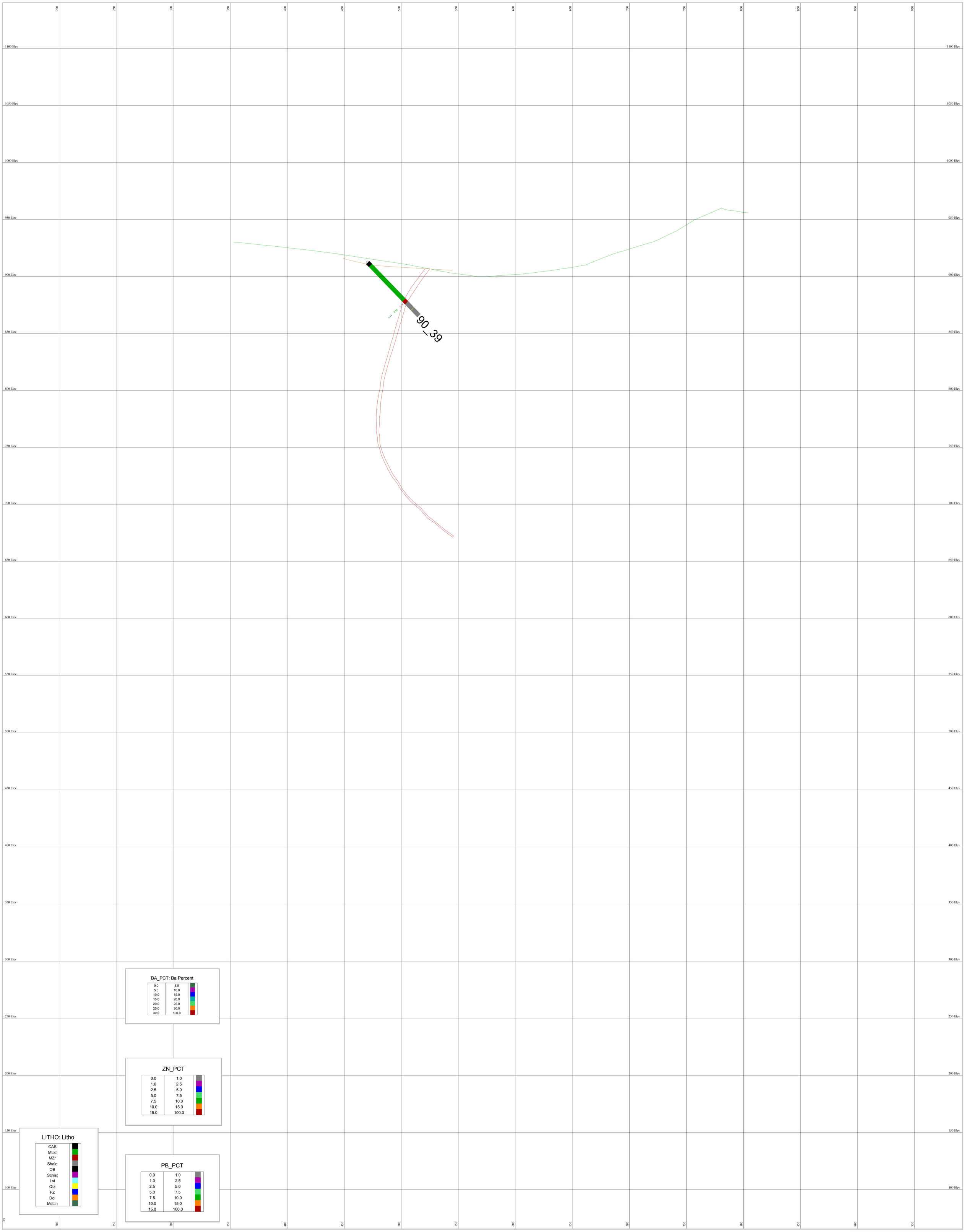
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9625N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9675N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9700N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



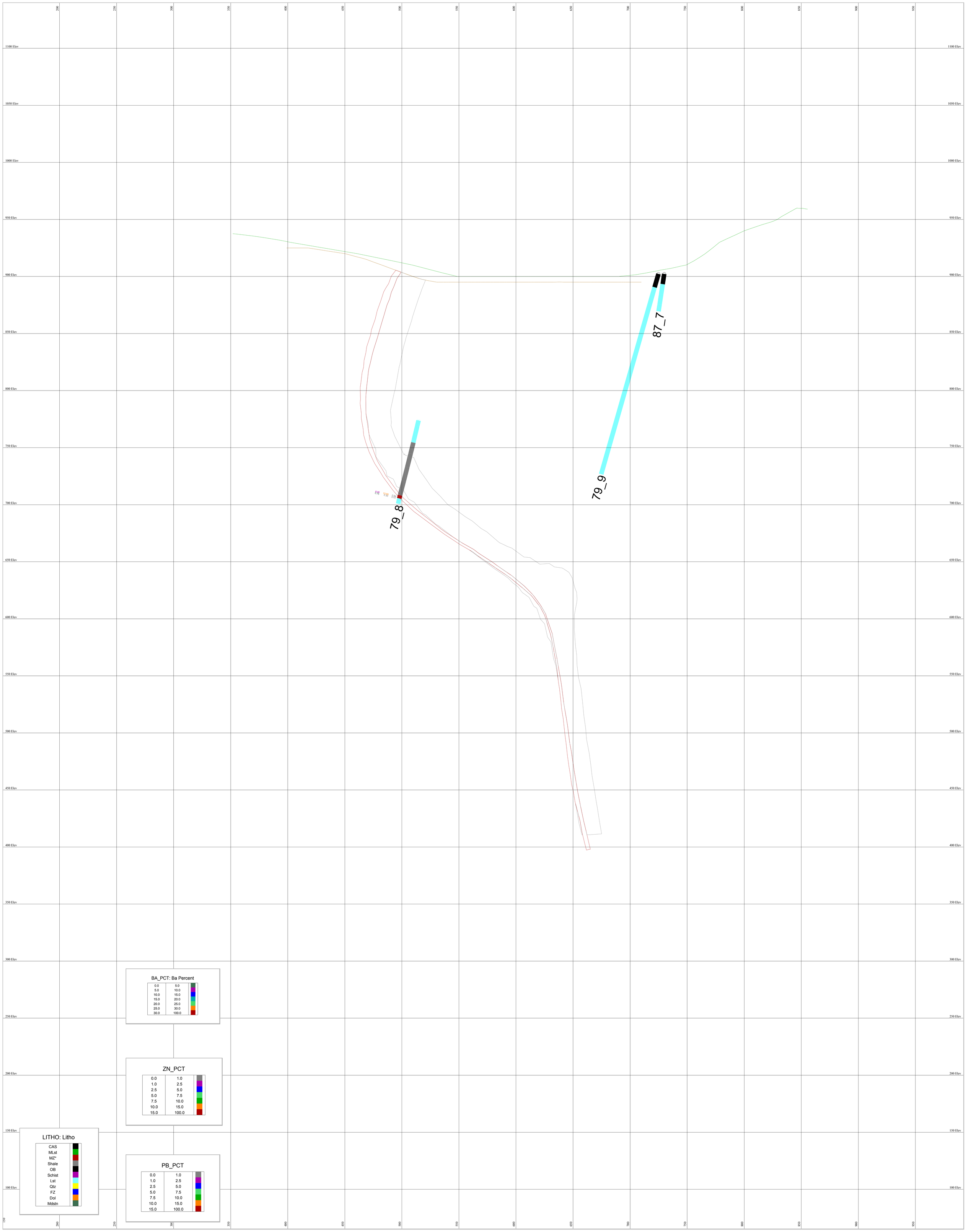
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9750N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9775N

Scale: 1:800

6. Mel Main Zone Drill Sections 9400N to 10350N



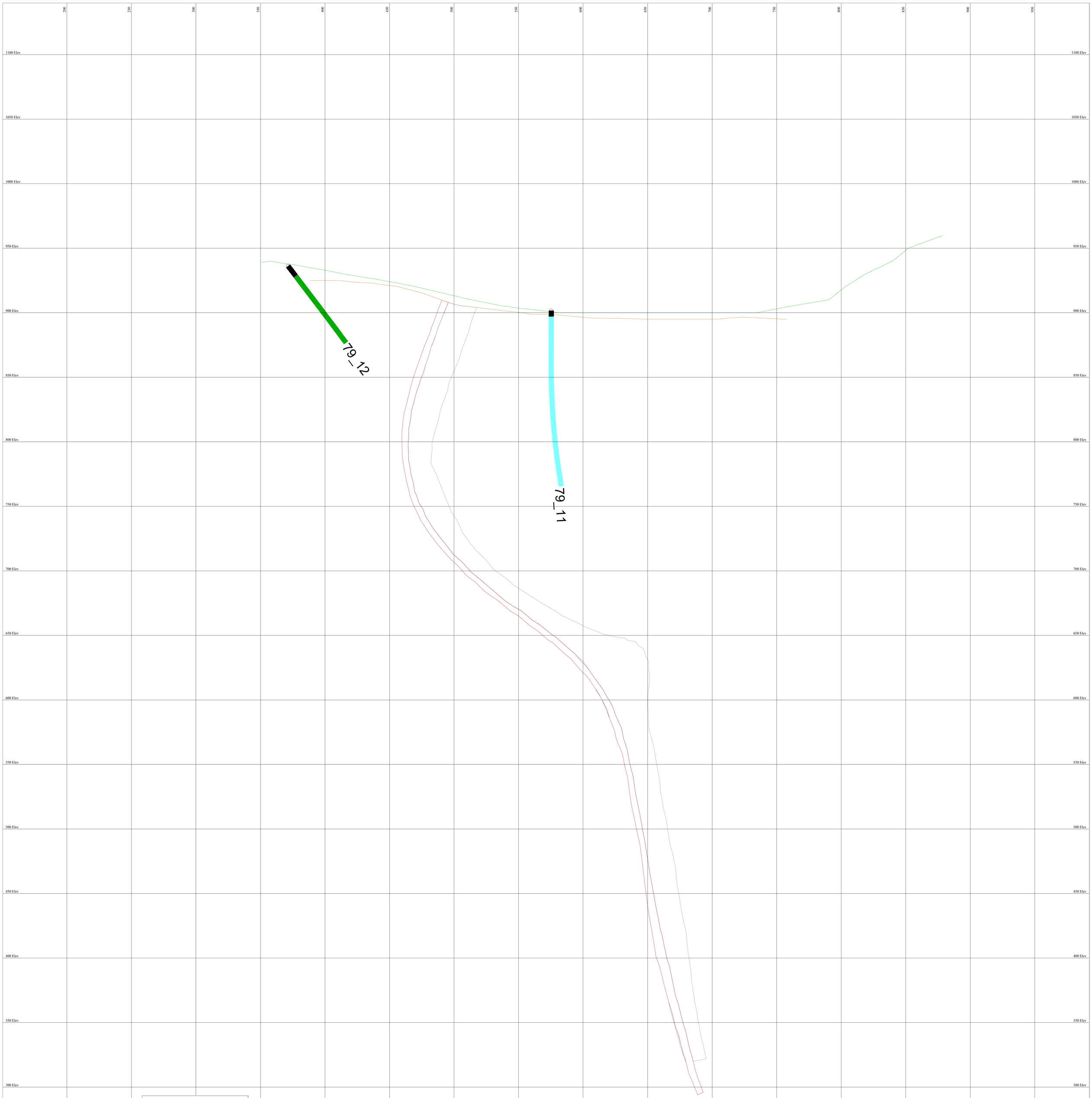
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario, M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9800N

Scale: 1:1000

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9825N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9850N

Scale: 1:800

6. Mel Main Zone Drill Sections 9400N to 10350N



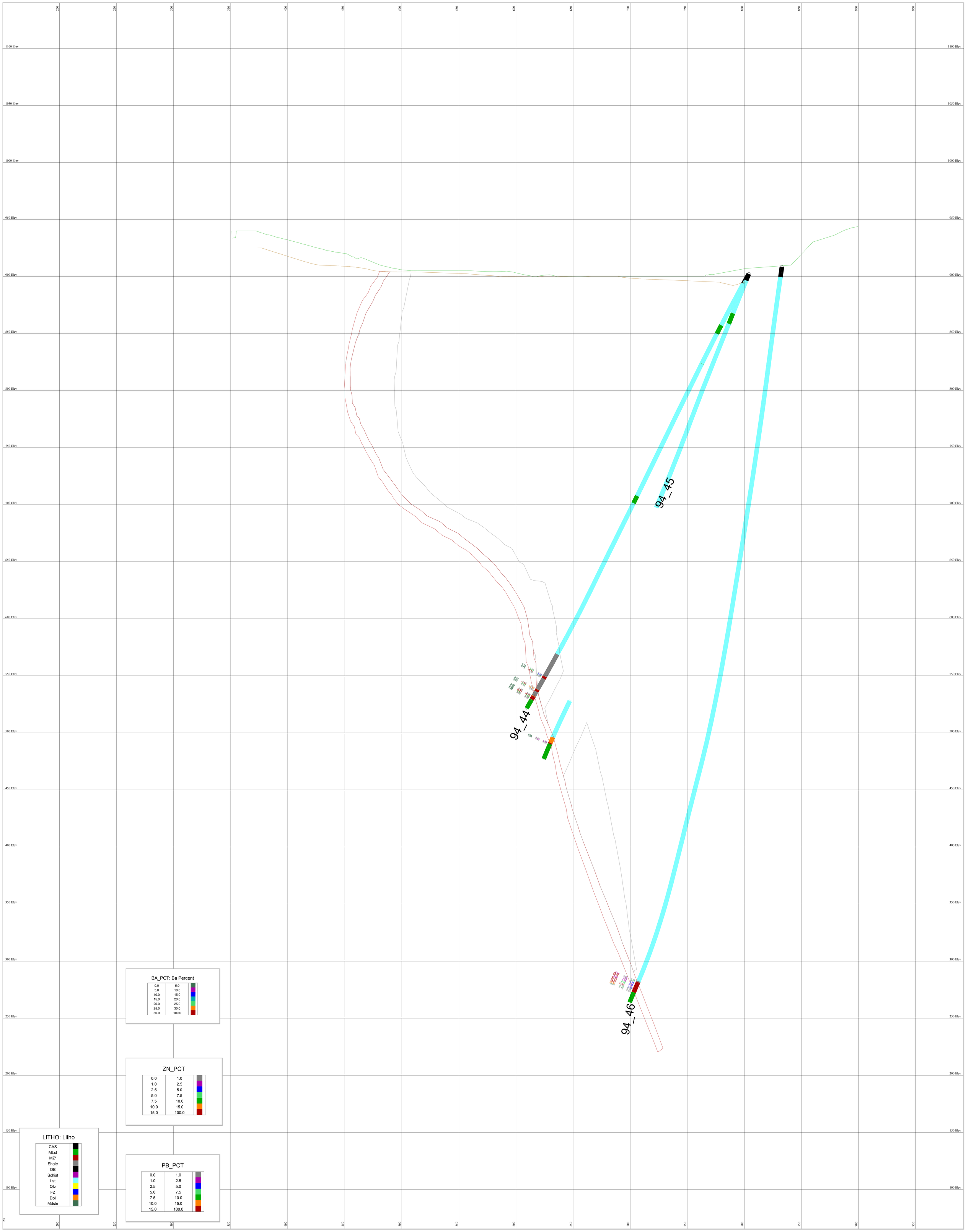
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9875N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9900N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9925N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9950N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N


200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1100 Elev
1050 Elev
1000 Elev
950 Elev
900 Elev
850 Elev
800 Elev
750 Elev
700 Elev
650 Elev
600 Elev
550 Elev
500 Elev
450 Elev
400 Elev
350 Elev
300 Elev
250 Elev
200 Elev
150 Elev
100 Elev
90_43
87_5
BA_PCT: Ba Percent
0.0
5.0
10.0
15.0
20.0
25.0
30.0
5.0
10.0
15.0
20.0
25.0
30.0
100.0
ZN_PCT
0.0
1.0
2.5
5.0
7.5
10.0
15.0
1.0
2.5
5.0
7.5
10.0
15.0
100.0
LITHO: Litho
CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn
PB_PCT
0.0
1.0
2.5
5.0
7.5
10.0
15.0
1.0
2.5
5.0
7.5
10.0
15.0
100.0
Assays Plotted As: % Ba, % Zn, % Pb
RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7
Kobex Minerals Inc.
Mel Project
Vertical Section 9975N
Scale: 1:500
6. Mel Main Zone Drill Sections 9400N to 10350N

78_3
74_2
79_
78_6
74_38_4
79_7
87_5
94_47

BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

Assays Plotted As: % Ba, % Zn, % Pb

ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10000N

Scale: 1:1000

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10025N

Scale: 1:400

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10050N

Scale: 1:400

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10075N

Scale: 1:400

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10100N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10125N

Scale: 1:400

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10150N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10200N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



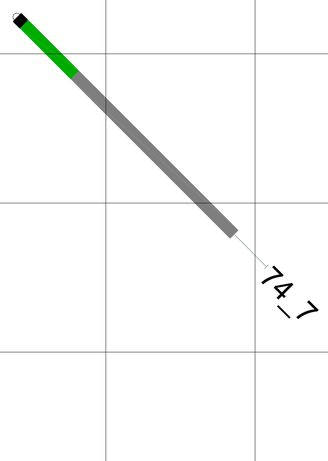
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, ON M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10225N

Scale: 1:400

6. Mel Main Zone Drill Sections 9400N to 10350N



BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

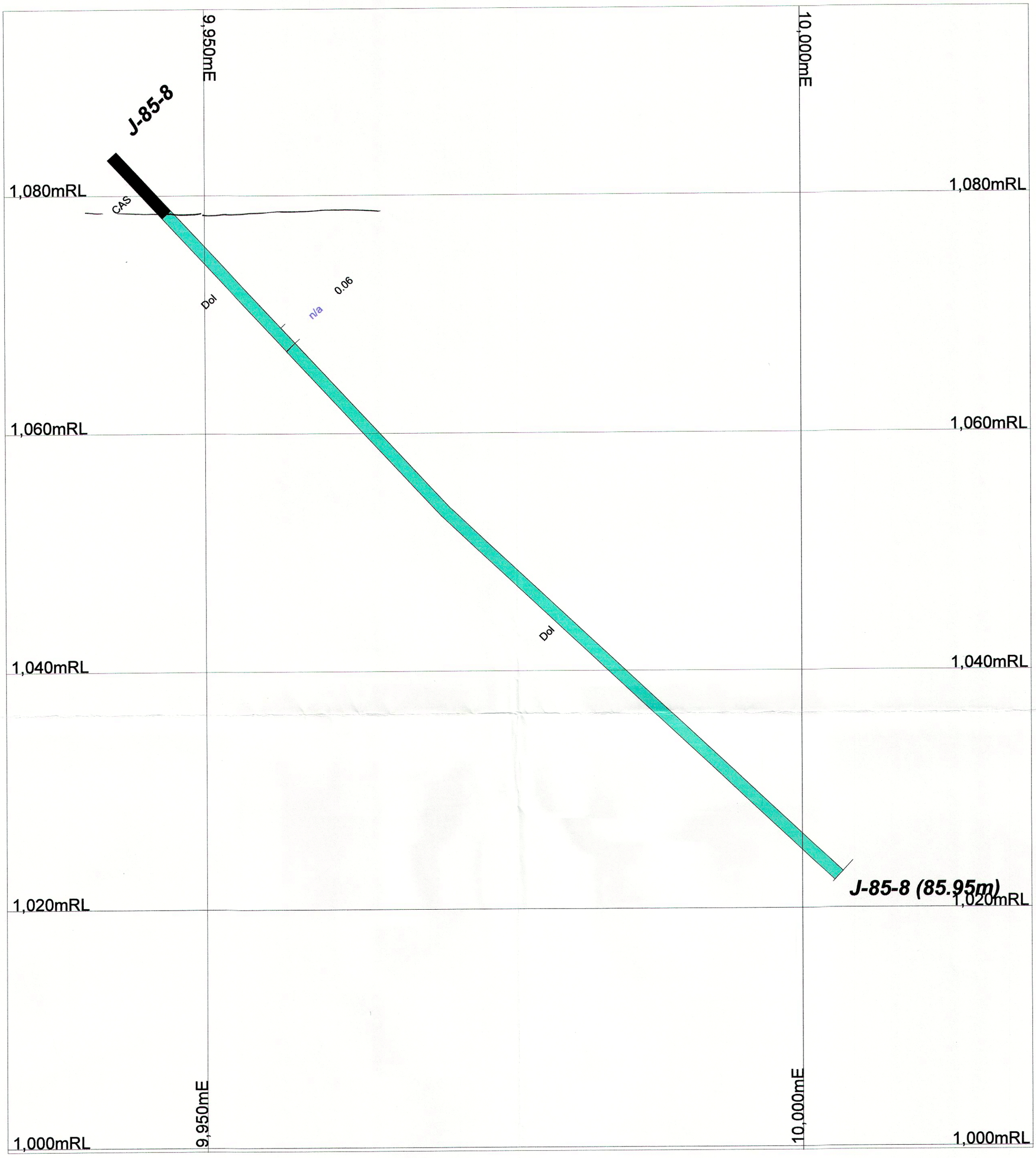
Assays Plotted As: % Ba, % Zn, % Pb

ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Ave. Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10350N

Scale: 1:500

6. Mel Main Zone Drill Sections 9400N to 10350N



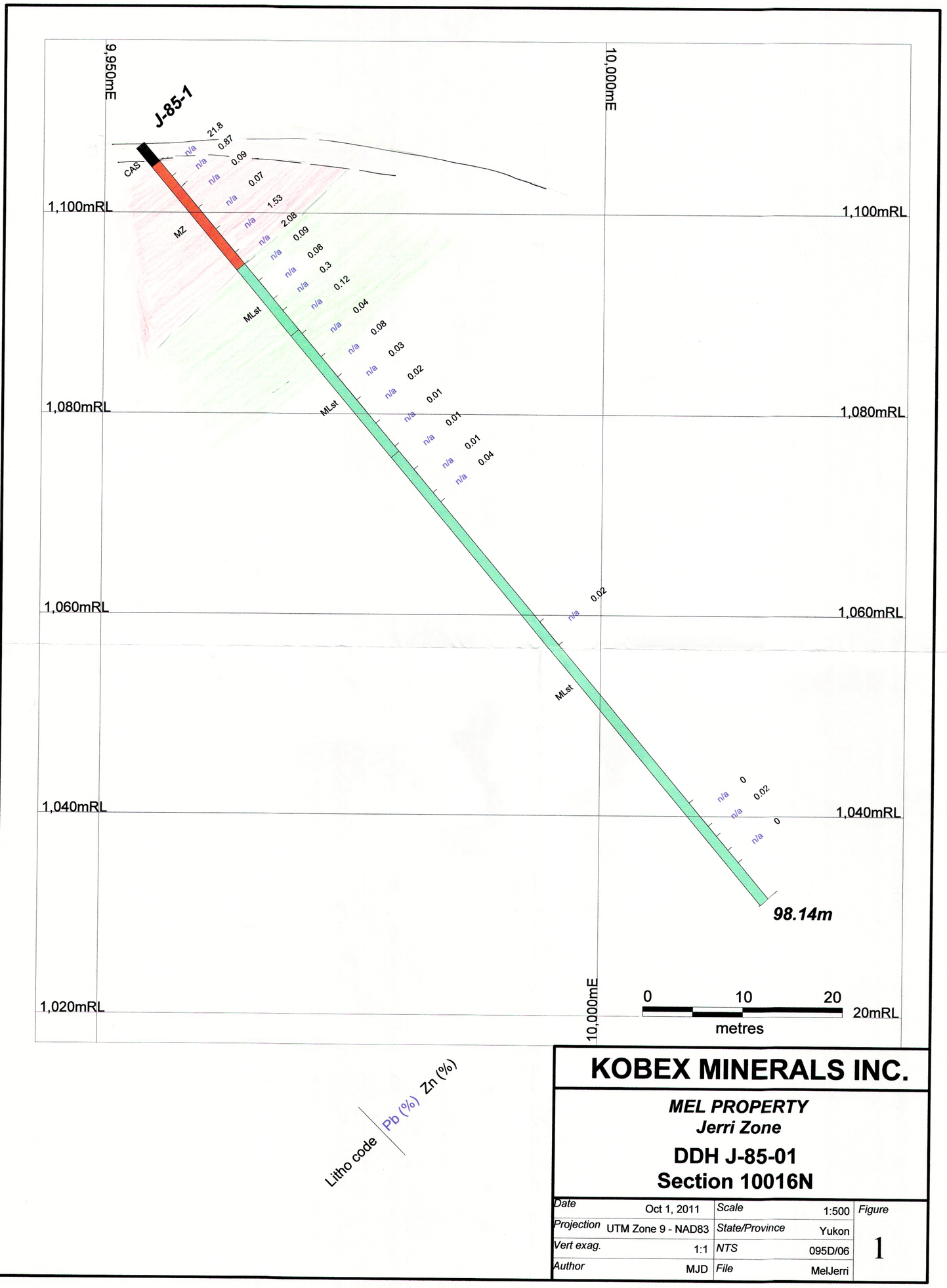
KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-08
Section 10413N

Date	Oct 1, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	6
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

Fib

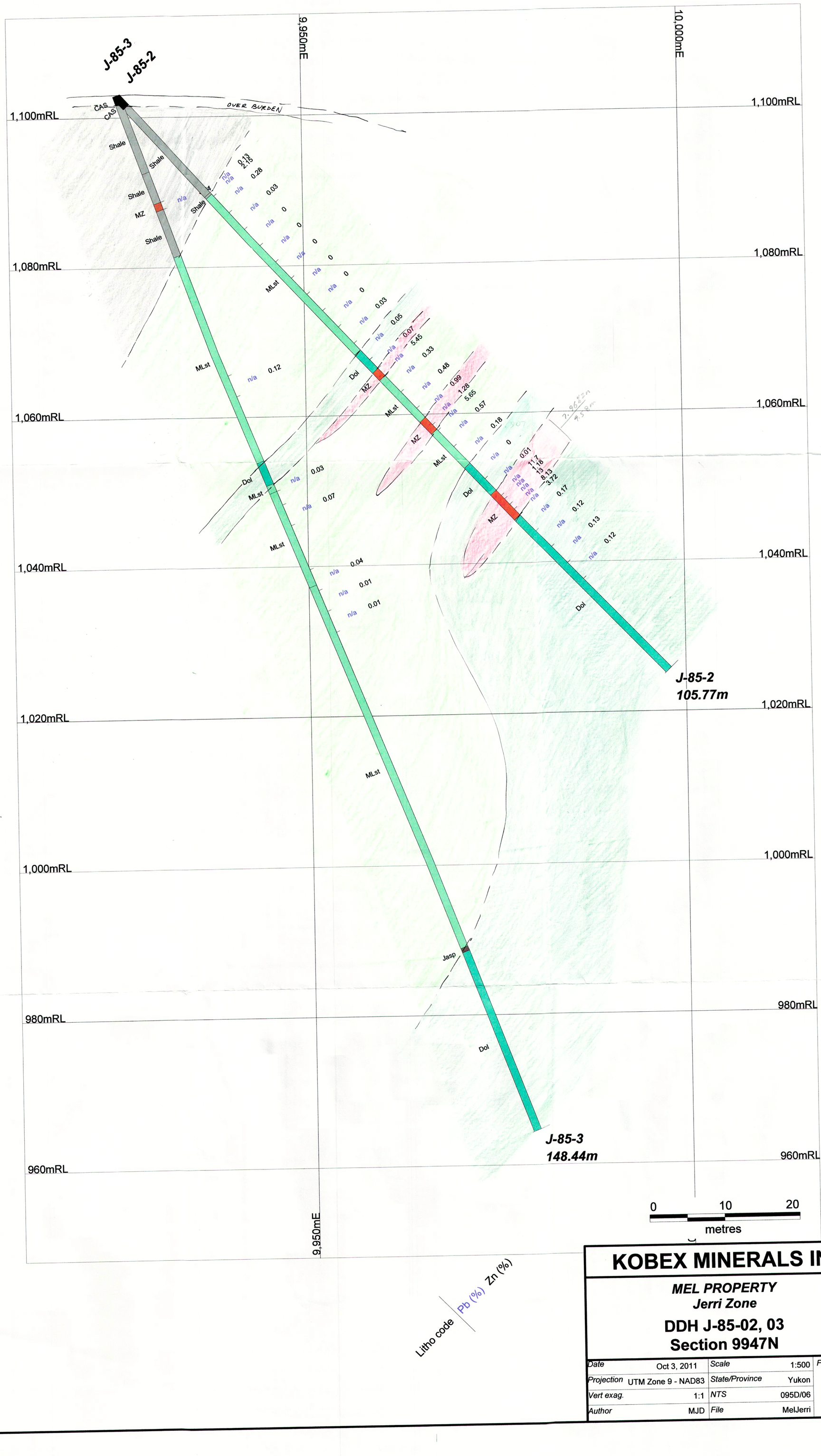


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-01
Section 10016N

Date	Oct 1, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	1
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

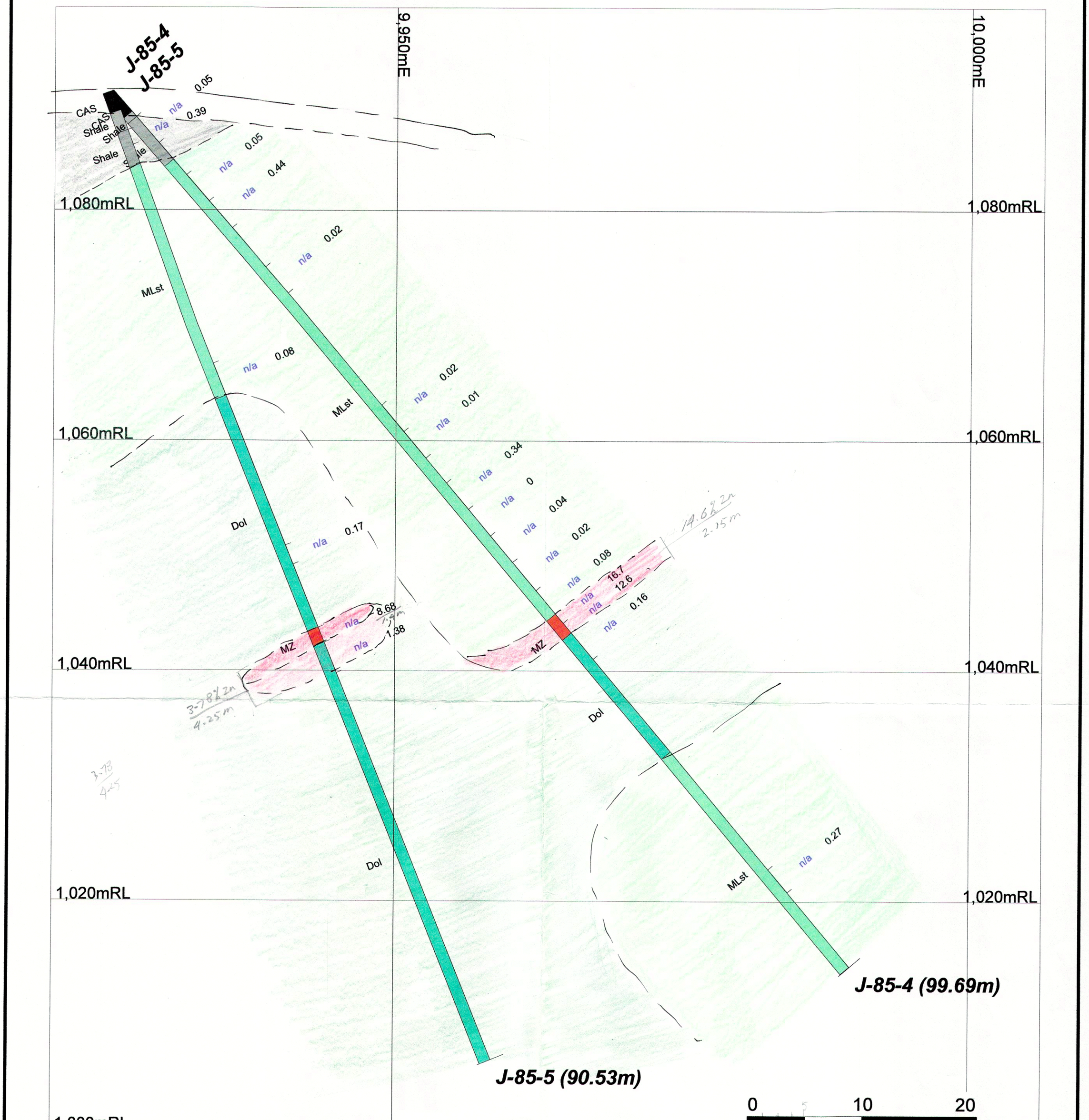


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-02, 03
Section 9947N

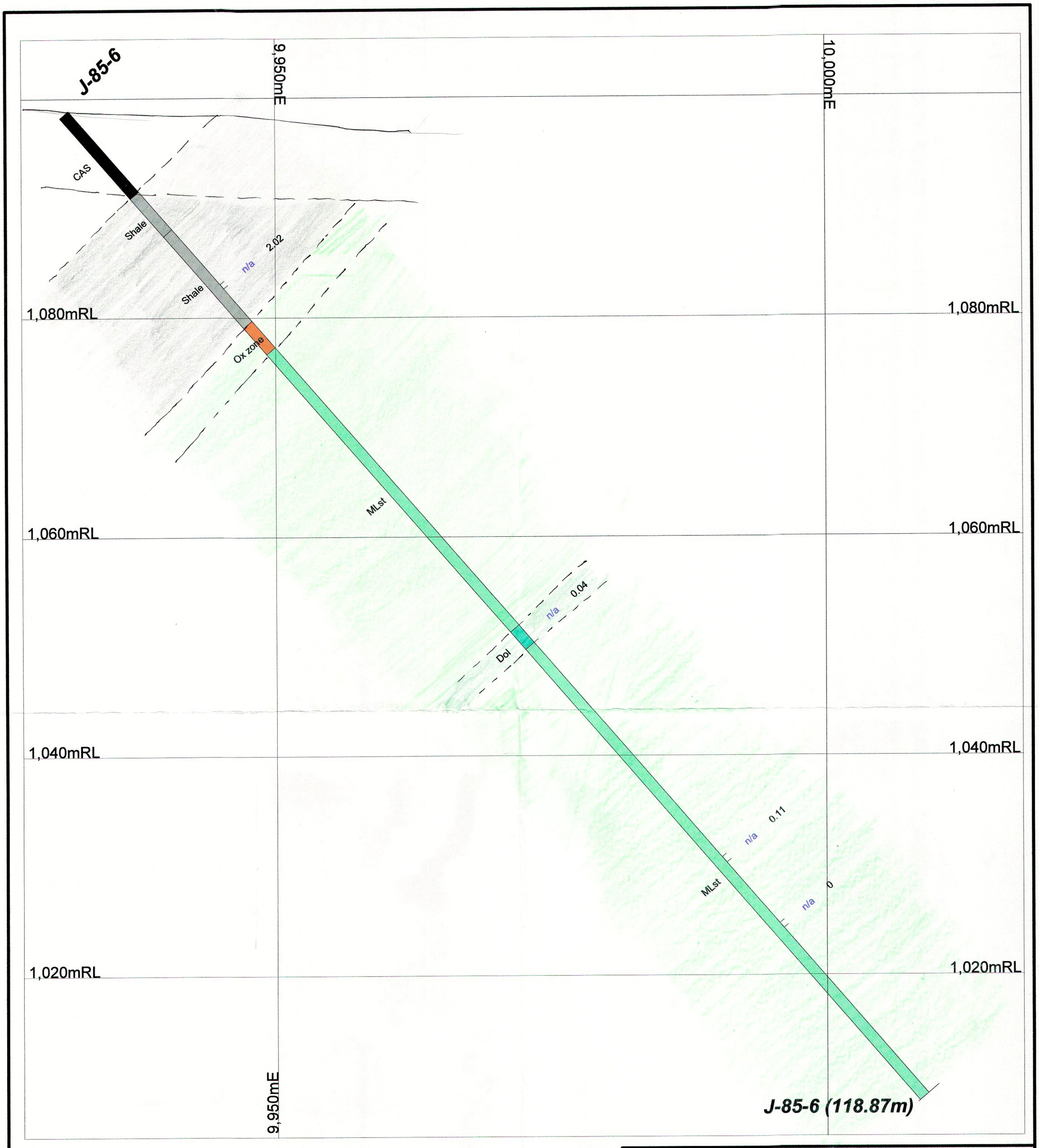
Date	Oct 3, 2011	*Scale*	1:500	*Figure* 2
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone
DDH J-85-04, 05
Section 9898N

Date	Oct 1, 2011	*Scale*	1:500	*Figure* 3
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone
DDH J-85-06
Section 10283N

Date	Oct 3, 2011	*Scale*	1:500	*Figure* 4
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

9,950mE

10,000mE

J-85-7

CAS

1,080mRL

Dol

0
4.46
0.4
n/a
n/a
n/a

MZ

1,060mRL

Dol

1,040mRL

Dol

J-85-7 (89m)

1,020mRL

10,000mE

Litho code | Pb (%) | Zn (%)

0 10 20

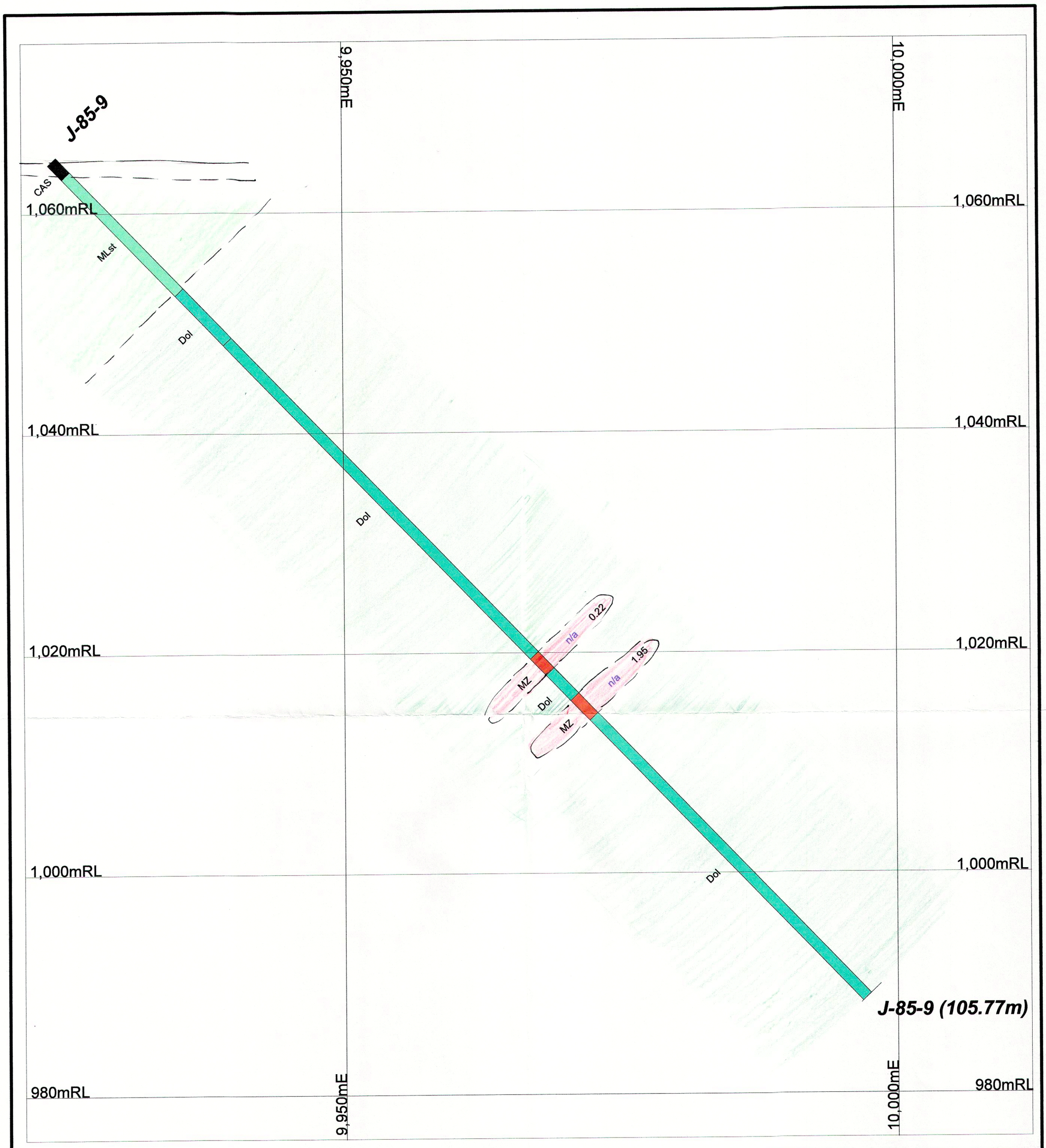
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-07
Section 10332N

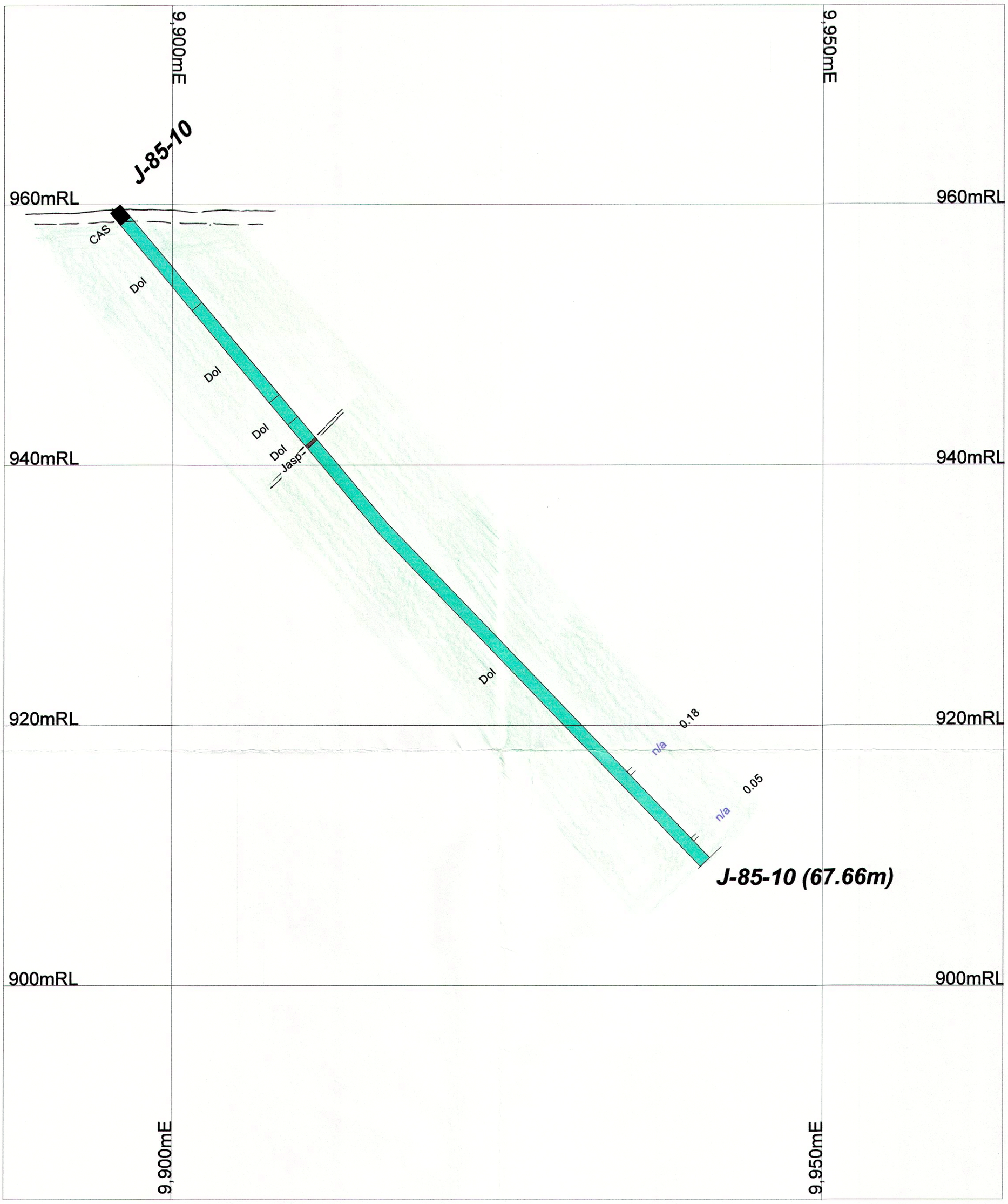
Date	Oct 1, 2011	*Scale*	1:500	*Figure* 5
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone
DDH J-85-09
Section 9796N

Date	Oct 3, 2011	*Scale*	1:500	*Figure* 7
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



Litho code | Pb (%) | Zn (%)

0 10 20

metres

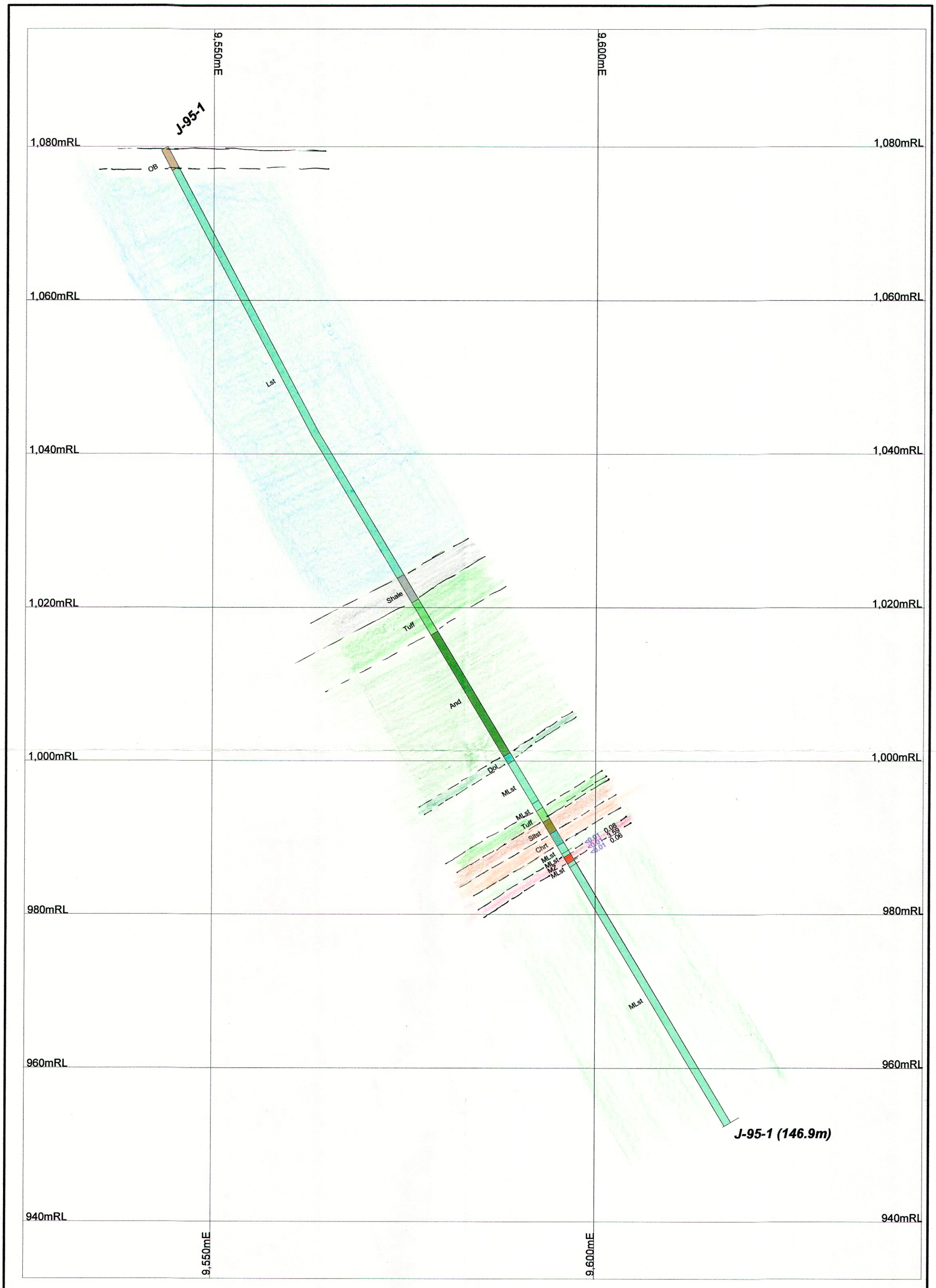
KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-10
Section 9305N

Date	Oct 3, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	8
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

FILE



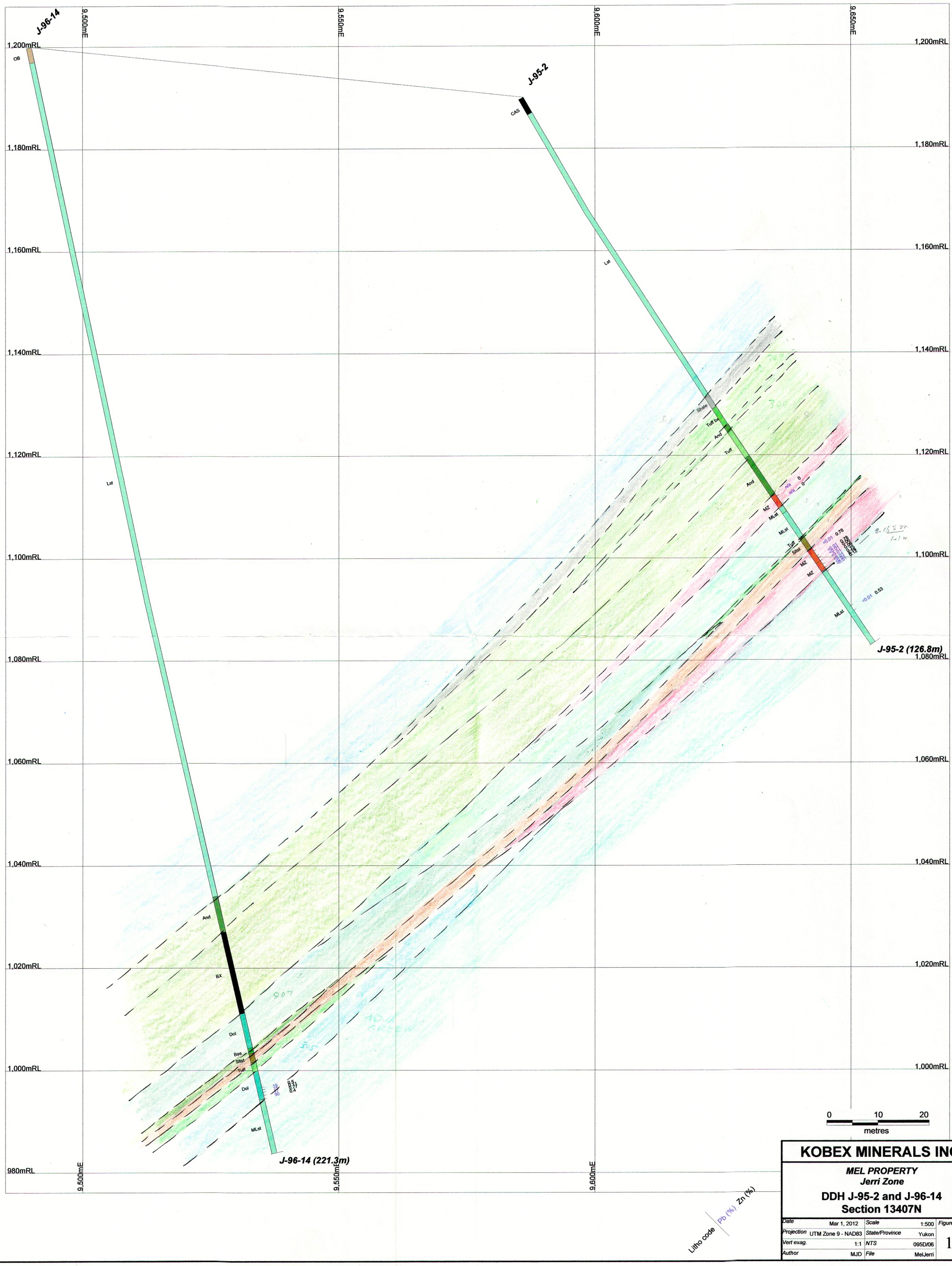
KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-1
Section 13206N

Date	Oct 3, 2011	*Scale*	1:500	*Figure* 9
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

File

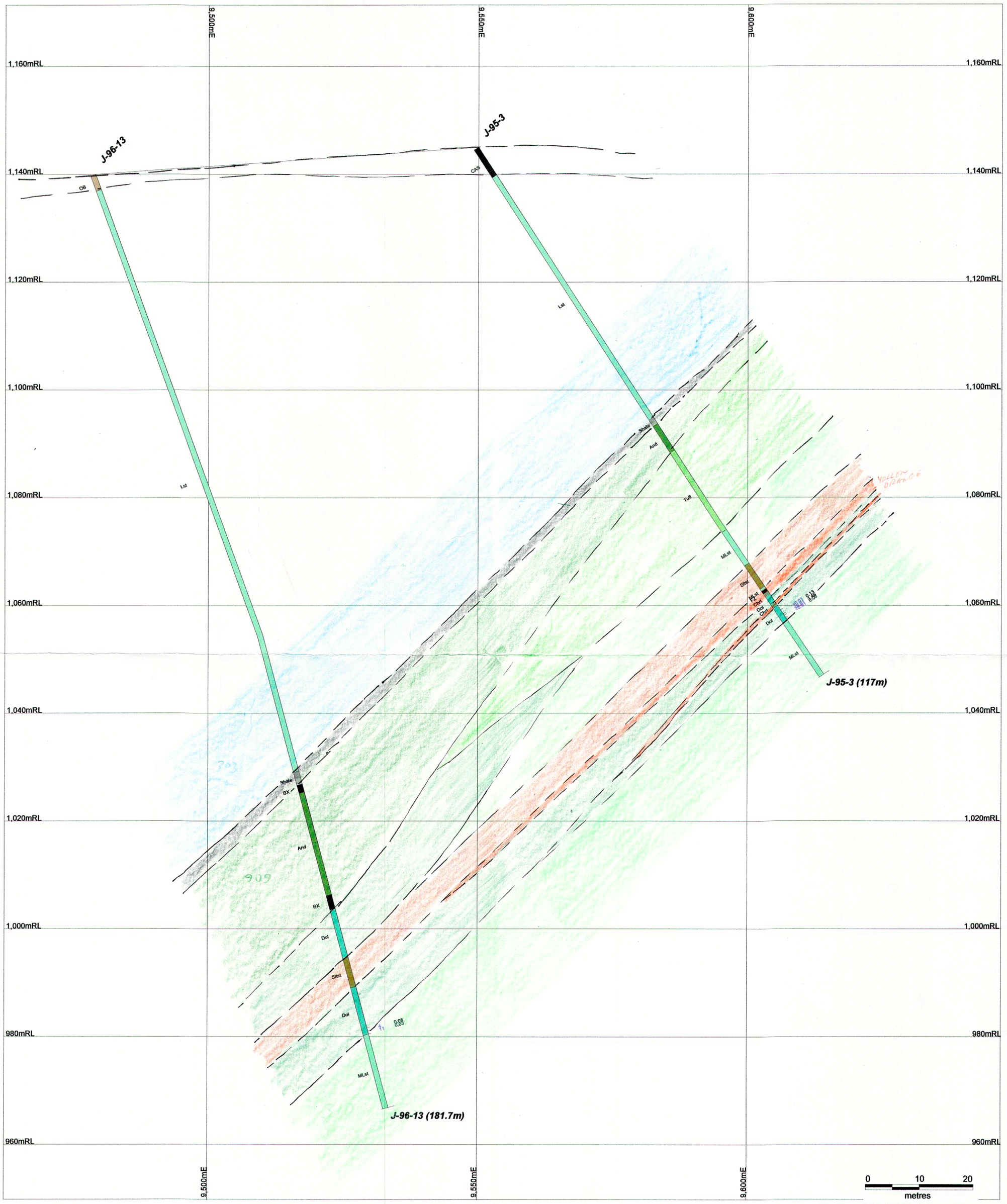


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-2 and J-96-14
Section 13407N

Date	Mar 1, 2012	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	10
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



Litho code | Pb (%) | Zn (%)

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-3 and J-96-13
Section 13797N

Date	Mar 1, 2012	Scale	1:500	Figure 11
Projection	UTM Zone 9 - NAD83	State/Province	Yukon	
Vert exag.	1:1	NTS	095D/06	
Author	MJD	File	MelJerri	

9,250mE
9,300mE
9,350mE
9,400mE

960mRL
940mRL
920mRL
900mRL
880mRL
860mRL
840mRL
820mRL
800mRL
780mRL
760mRL
740mRL

J-96-9
J-95-5
J-95-4 (104.8m)
J-95-5 (139m)
J-96-9 (218.2m)

OB
Lst
Shale
And
Tuff bx
Dol
MLst
Sltst
MZ
Mafic Volc
Dyke
Tuff
BX
And Bx
MZ, Dol
MZ, Volc ash
MZ, chert

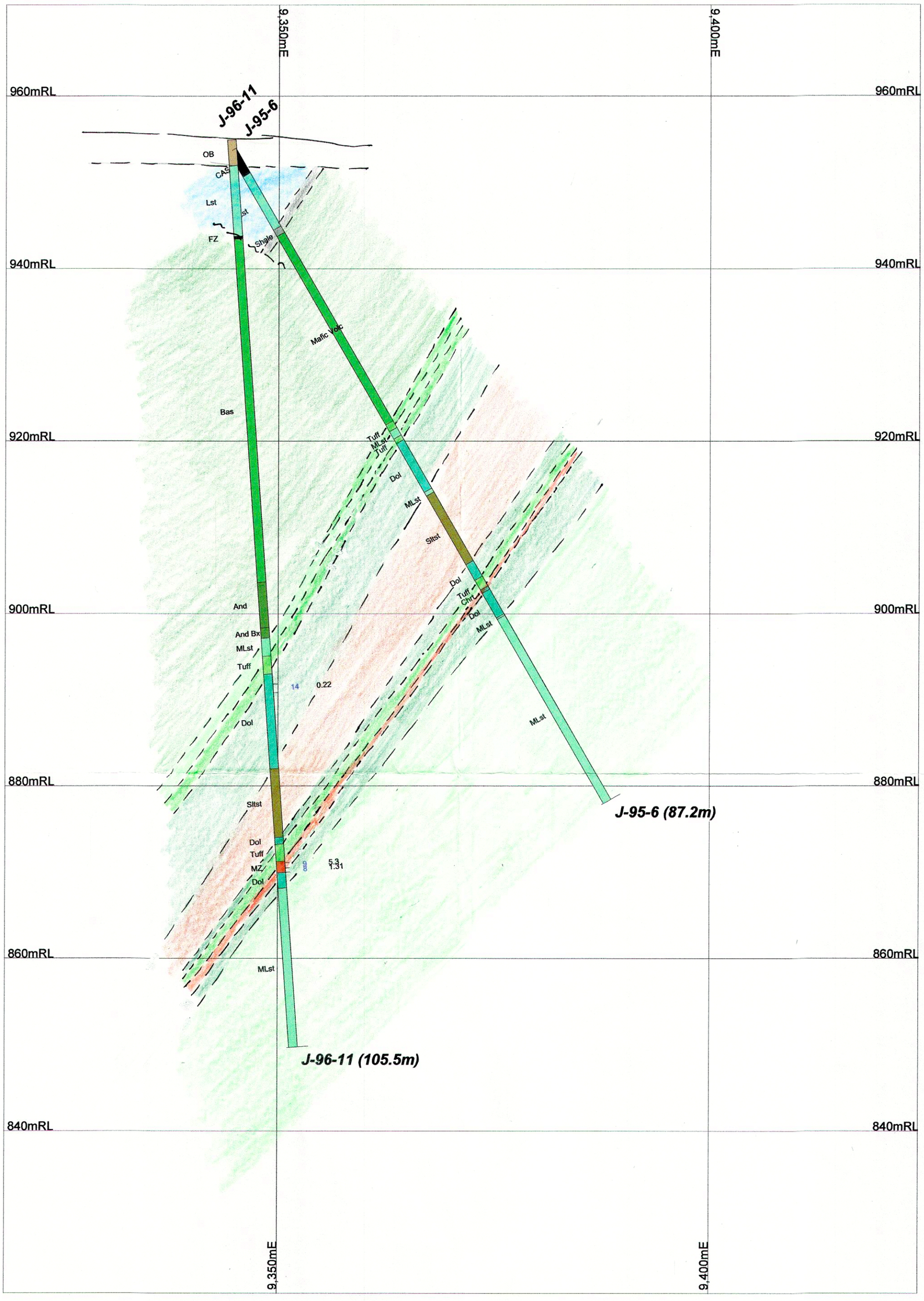
0 10 20
metres

Litho code | Pb (%) | Zn (%)

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone
DDH J-95-4,5 and J-96-9
Section 14200

Date	Mar 1, 2012	Scale	1:500	Figure 12
Projection	UTM Zone 9 - NAD83	State/Province	Yukon	
Vert exag.	1:1	NTS	095D/06	
Author	MJD	File	MelJerri	



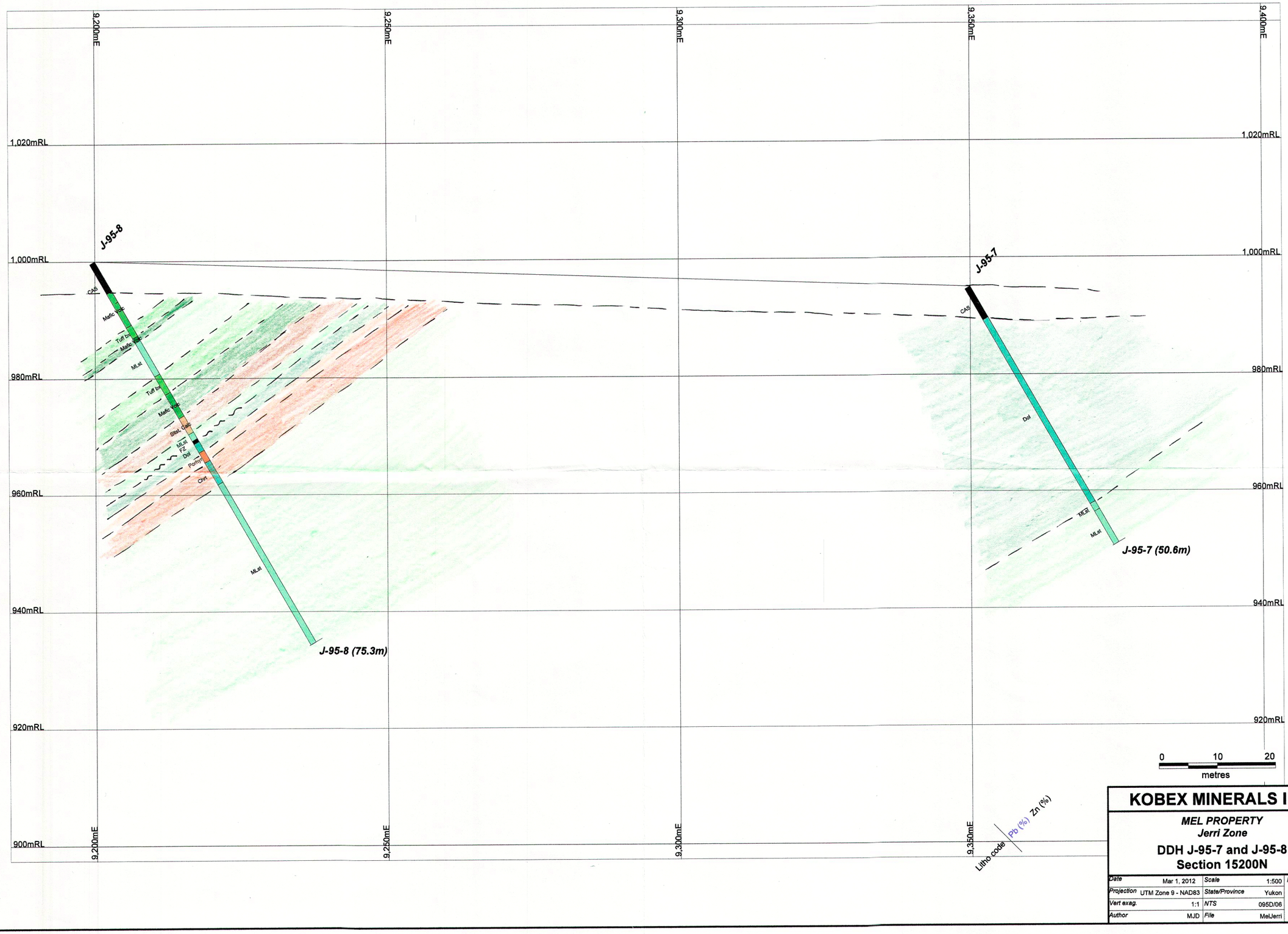
KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-6 and J-96-11
Section 14408N

Date	Mar 1, 2012	*Scale*	1:500	*Figure* 13
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

FILE

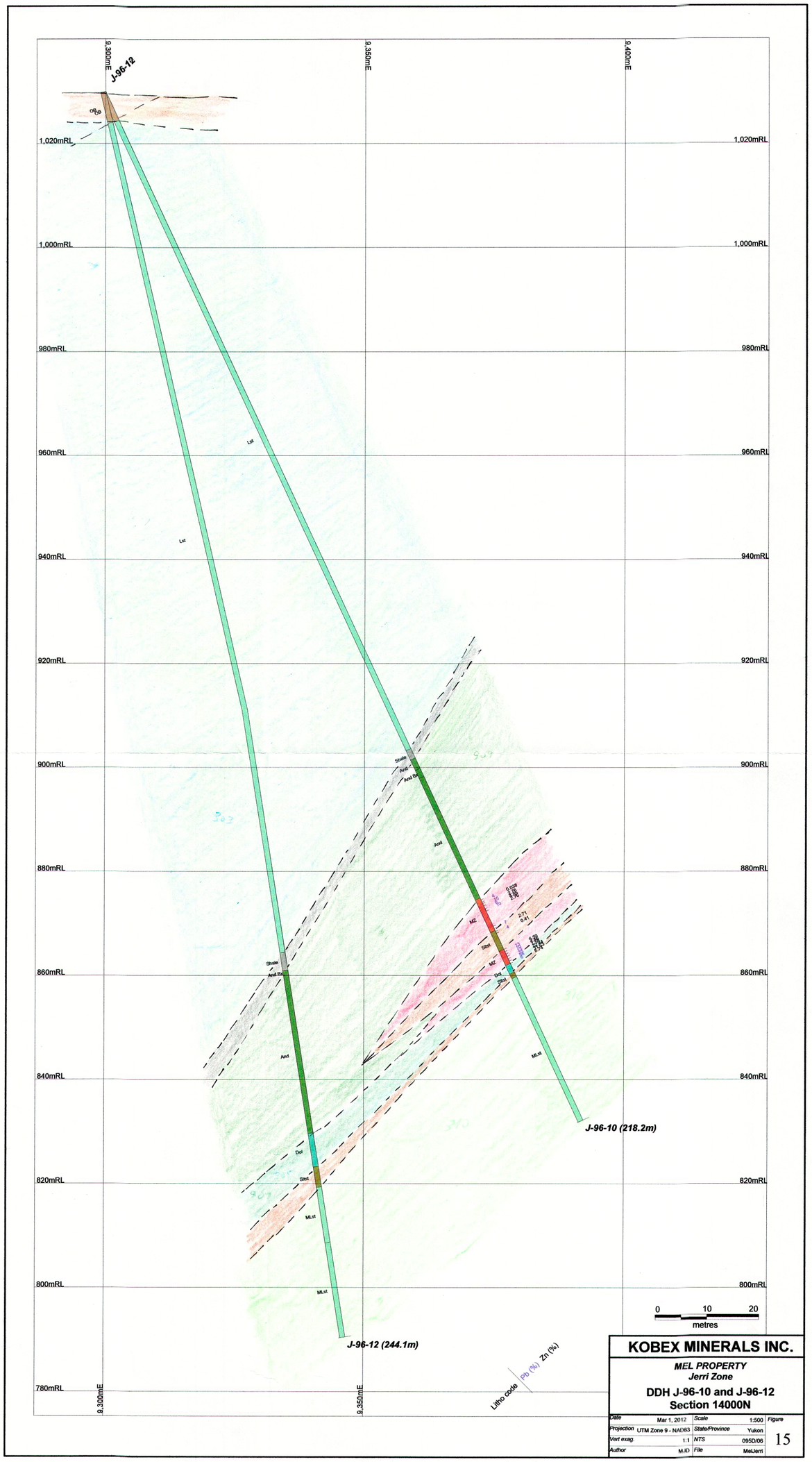


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-7 and J-95-8
Section 15200N

Date	Mar 1, 2012	*Scale*	1:500	*Figure* 14
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



KOBEX MINERALS INC.

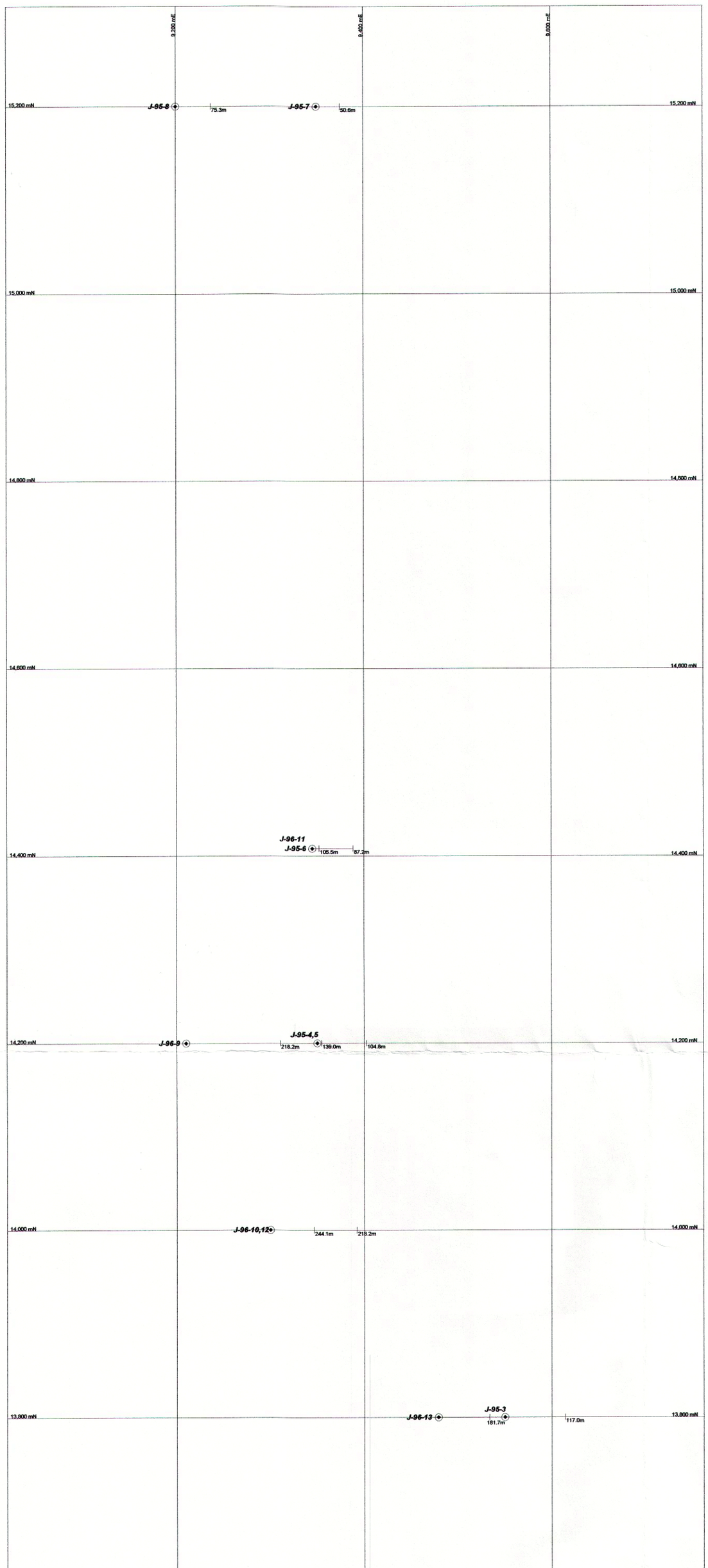
MEL PROPERTY
Jerri Zone

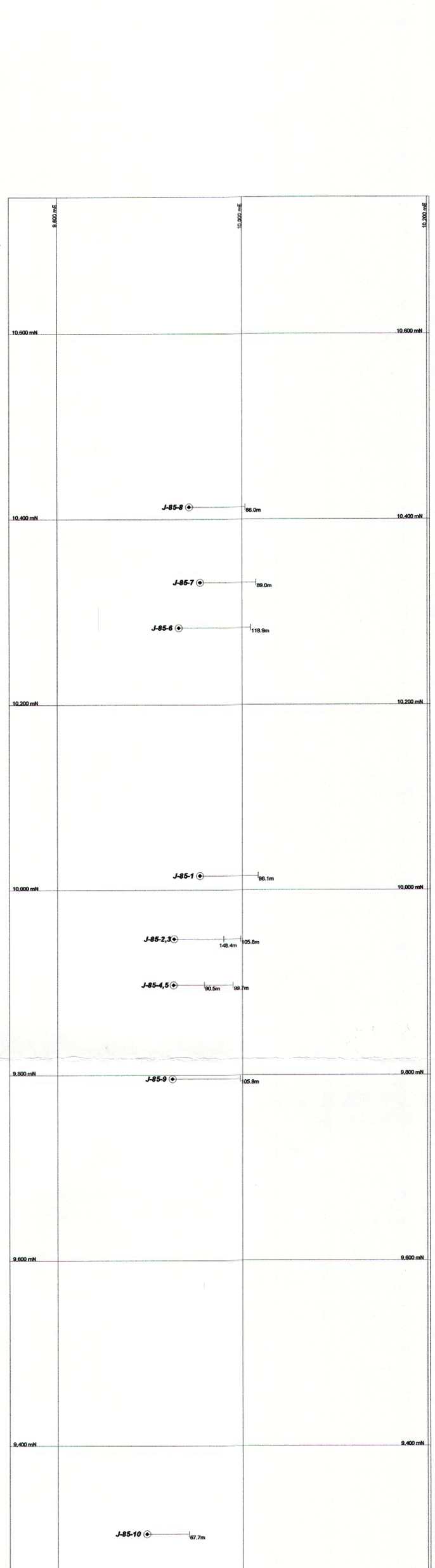
DDH J-96-10 and J-96-12
Section 14000N

Date	Mar 1, 2012	Scale	1:500
Projection	UTM Zone 9 - NAD83	State/Province	Yukon
Vert exag.	1:1	NTS	095D/06
Author	MJD	File	MelJerri

Figure 15

FILE





0 20 40 60 100
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

Drill Plan

Date	Feb 27, 2012	Scale	1:2000	Figure
Projection	Local Grid	State/Province	Yukon	2
Vert exag.	n/a	NTS	095D/06	
Author	MJD	File	MelJerri_drillPlan	

9,700 mE
9,800 mE
9,900 mE
10,000 mE
10,100 mE
10,200 mE
10,300 mE
10,400 mE

10,600 mN
10,500 mN
10,400 mN
10,300 mN
10,200 mN
10,100 mN
10,000 mN
9,900 mN
9,800 mN
9,700 mN
9,600 mN

75_16
EOH 75_16
75_15
EOH 75_15
75_14
EOH 75_14
75_18
EOH 75_18
75_17
EOH 75_17
74_7
75_13
EOH 74_7
EOH 75_13
75_12
74_8
EOH 75_12
79_3
EOH 74_8
EOH 79_3
89_32
EOH 89_32
EOH 89_31 89_31
90_40
EOH 90_40
89_30
EOH 89_30
79_2
EOH 74_1
74_1
75_11
EOH 75_11
94_49
EOH 87_6
EOH 94_49
87_5
EOH 79_6
79_6
89_33
EOH 89_33
90_34
EOH 78_4
EOH 78_6
78_3
75_4
EOH 78_3
74_3
EOH 74_3
75_6
EOH 79_1
EOH 74_2
79_7
EOH 79_7
87_5
EOH 94_47
94_47
EOH 87_5
EOH 90_43
90_42
EOH 90_42
EOH 90_41
75_10
74_4
EOH 78_7
79_7
EOH 74_4
EOH 75_10
EOH 79_5
79_4
EOH 79_4
EOH 94_44
EOH 94_45
94_44
94_45
EOH 94_46
EOH 87_4
87_4
EOH 79_12
EOH 90_35
90_35
79_12
EOH 79_11
79_11
EOH 94_48
94_48
75_9
74_5
EOH 75_9
EOH 74_5
79_8
EOH 79_8
EOH 87_7
EOH 79_9
87_7
79_9
EOH 90_36
90_36
90_38
EOH 90_38
79_10
90_37
EOH 90_37
EOH 79_10
90_39
EOH 90_39
74_6
EOH 74_6

0 20 40 60 100
metres

KOBEX MINERALS INC.

MEL PROPERTY
Main Zone North Sheet
Drill Plan

Date	Nov 1, 2011	*Scale*	1:1000	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	-
Vert exag.	n/a	*NTS*	095D/06	
Author	MJD	*File*	MelMain	

9,700 mE
9,800 mE
9,900 mE
10,000 mE
10,100 mE
10,200 mE
10,300 mE
10,400 mE

9,500 mN
9,400 mN
9,300 mN
9,200 mN
9,100 mN
9,000 mN
8,900 mN
8,800 mN
8,700 mN
8,600 mN
8,500 mN

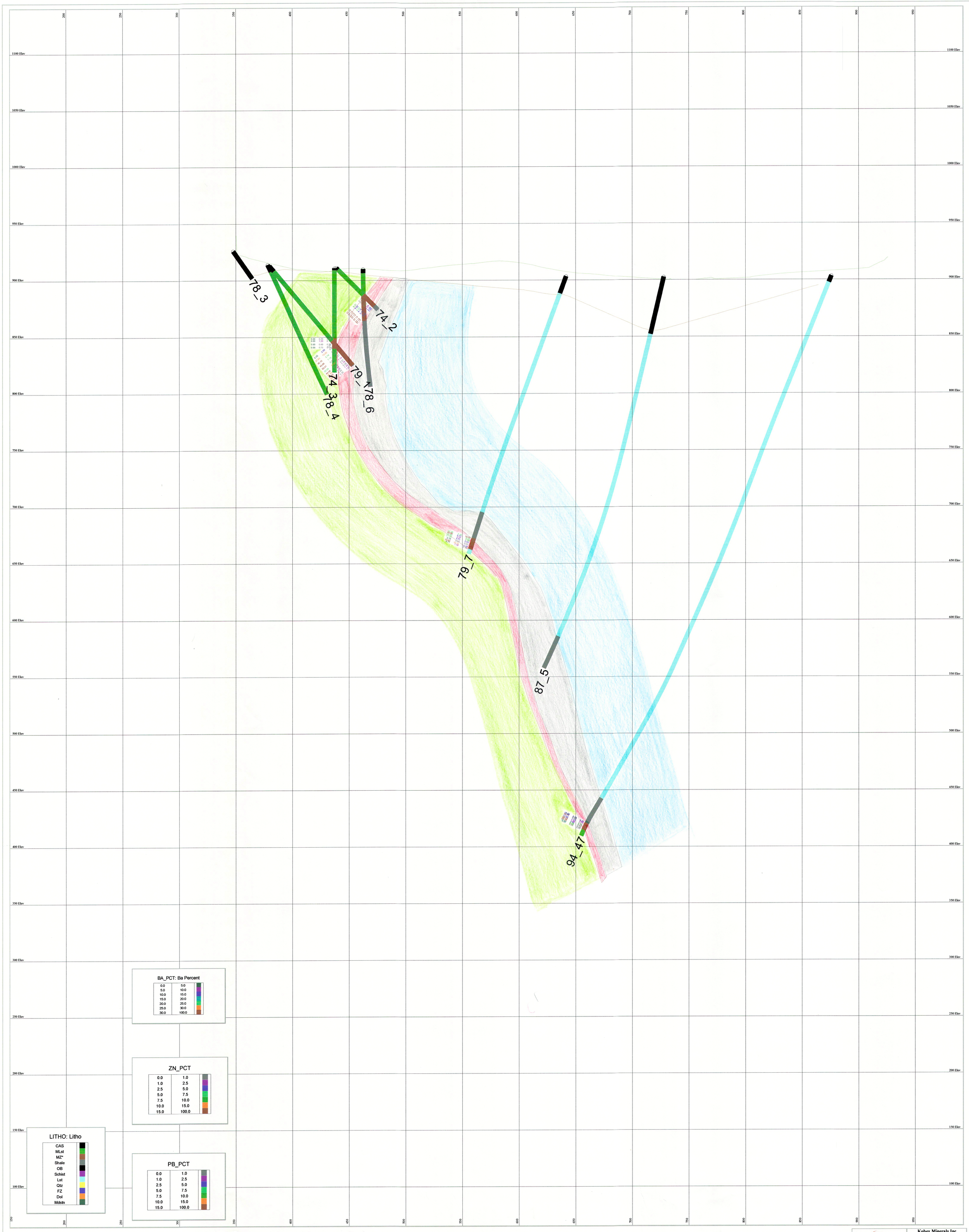
78_1
EOH 78_1
EOH 87_1
87_1
78_5
EOH 78_5
78_2
EOH 78_2
EOH 87_2
87_3
EOH 87_3
EOH SM96-3
SM96-3
EOH SM95-2
SM95-1
EOH SM95-1
SM95-2

0 20 40 60 100
metres

KOBEX MINERALS INC.

MEL PROPERTY
Main Zone South Sheet
Drill Plan

Date	Nov 1, 2011	Scale	1:1000	Figure
Projection	UTM Zone 9 - NAD83	State/Province	Yukon	-
Vert.exag.	n/a	NTS	095D/06	
Author	MJD	File	MelMain	



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10000N

Scale: 1:1000

78_6

78_4

BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

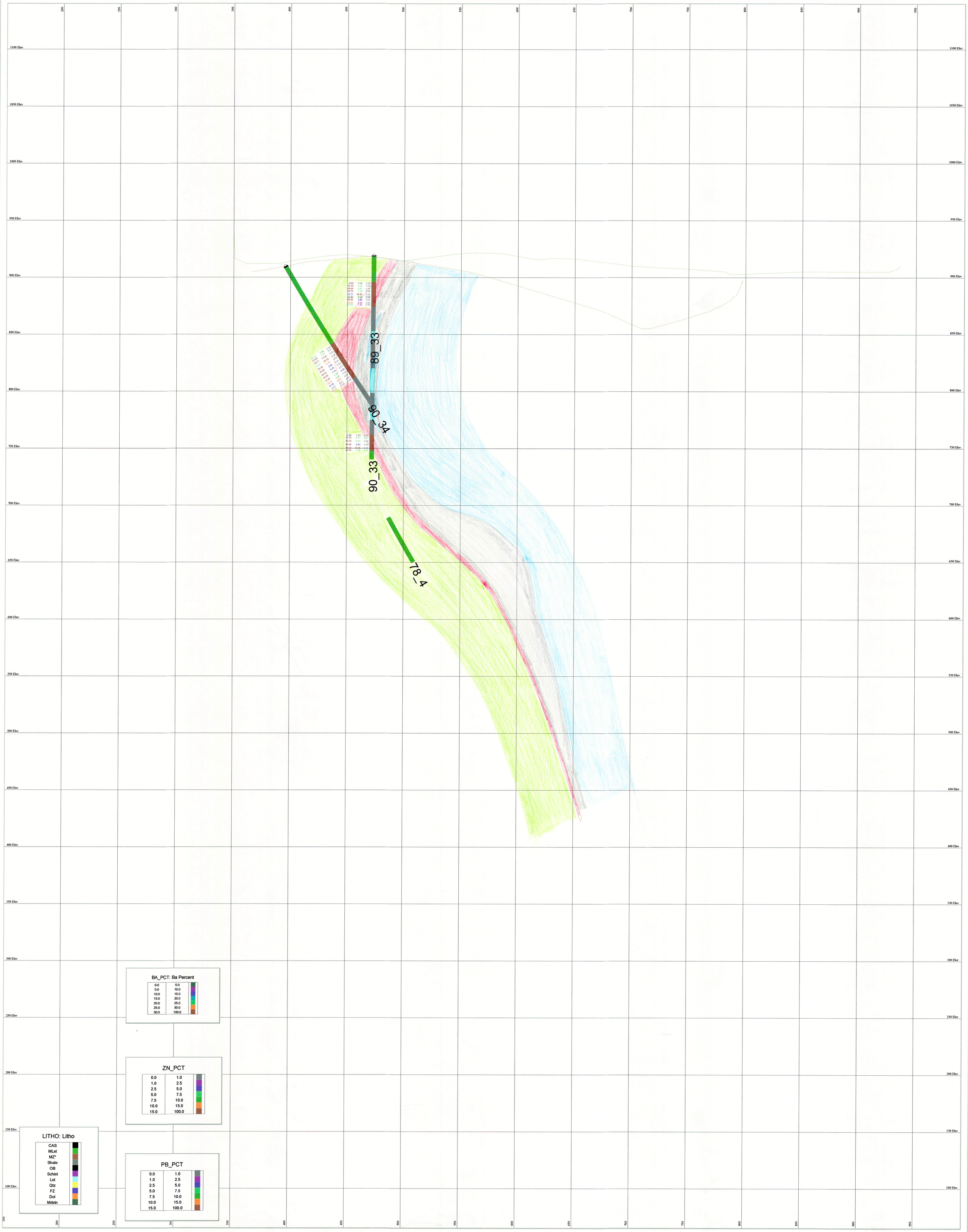
CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10025N

Scale: 1:1000

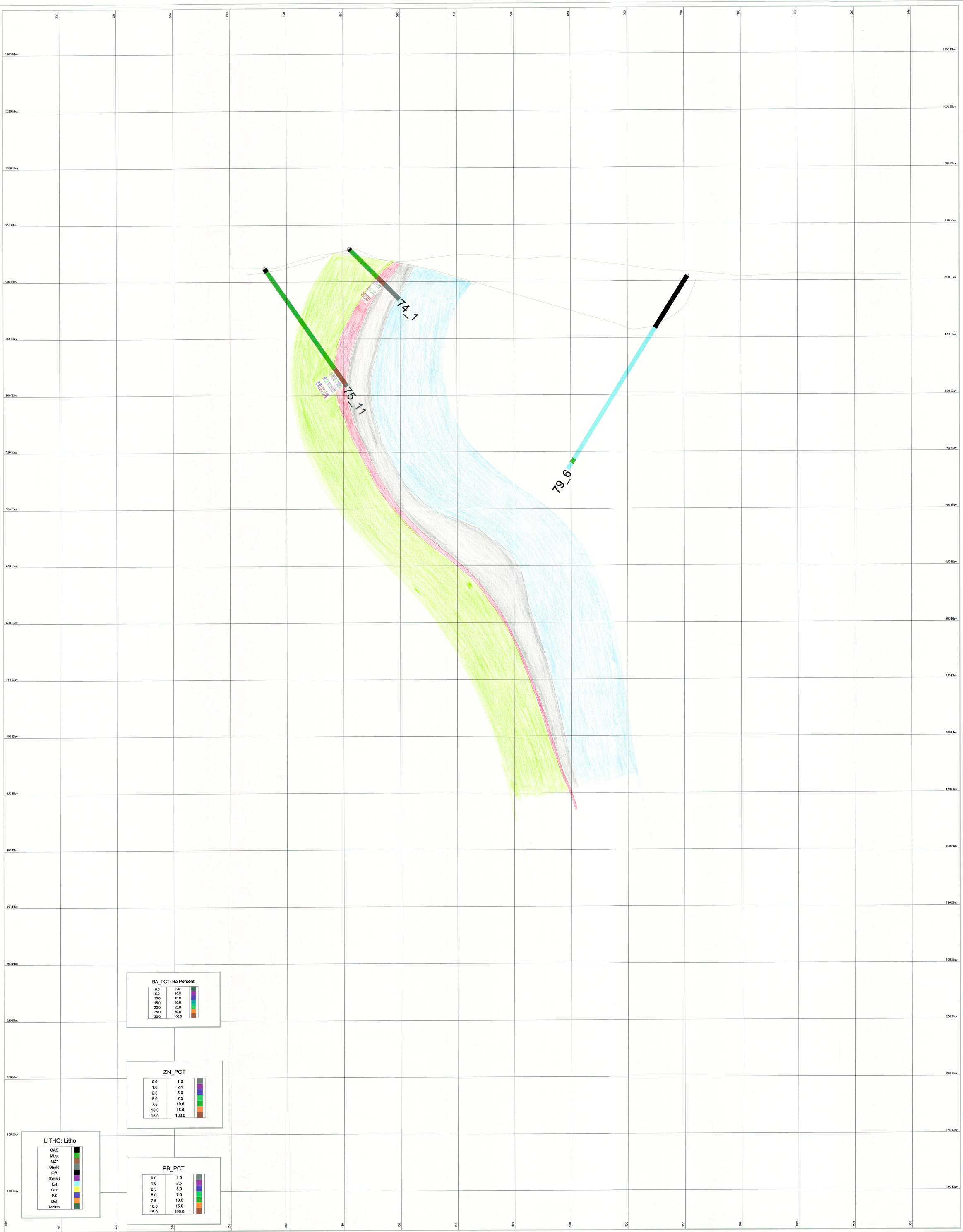


Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10050N

Scale: 1:1000



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10075N

Scale: 1:1000

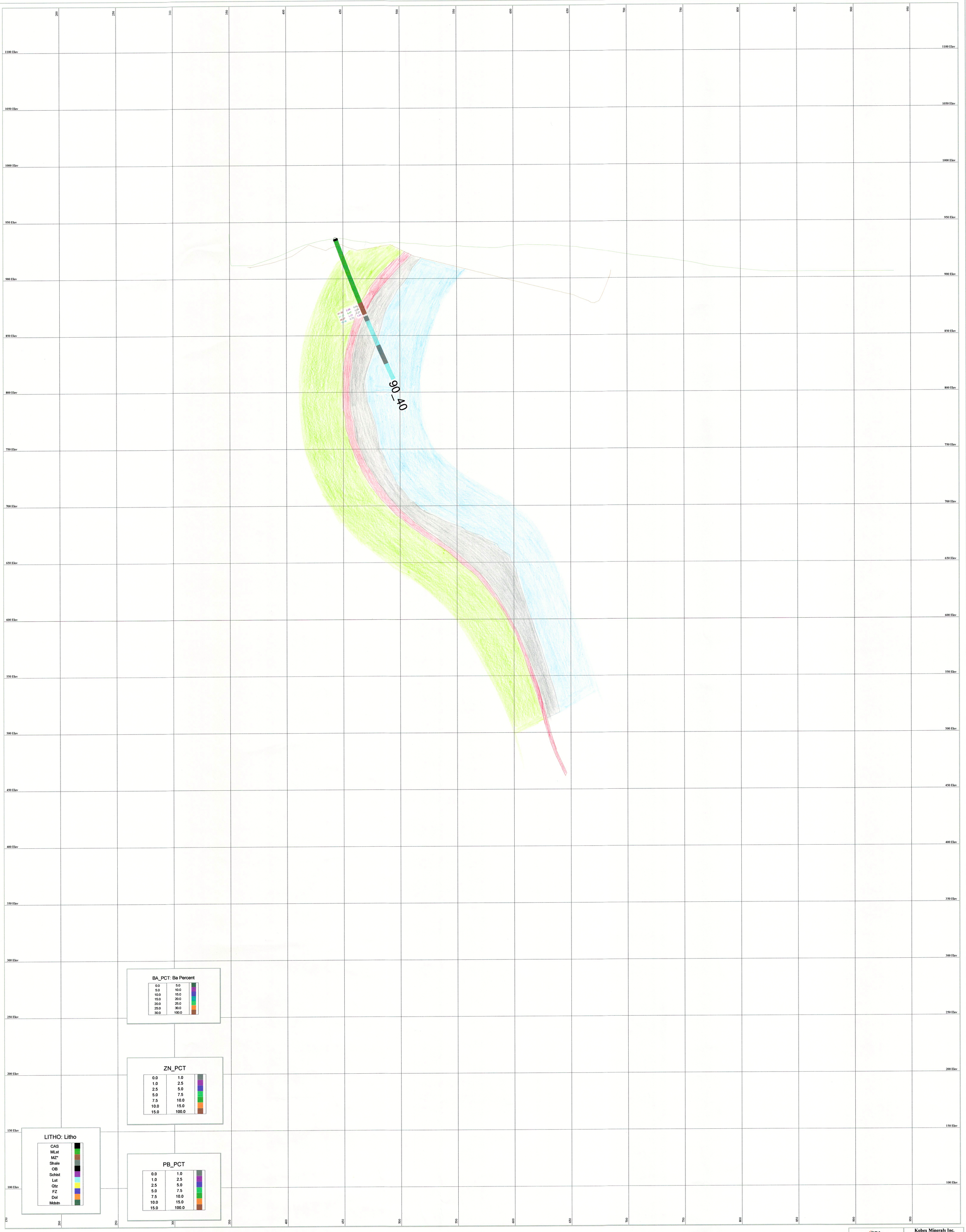


Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10100N

Scale: 1:1000

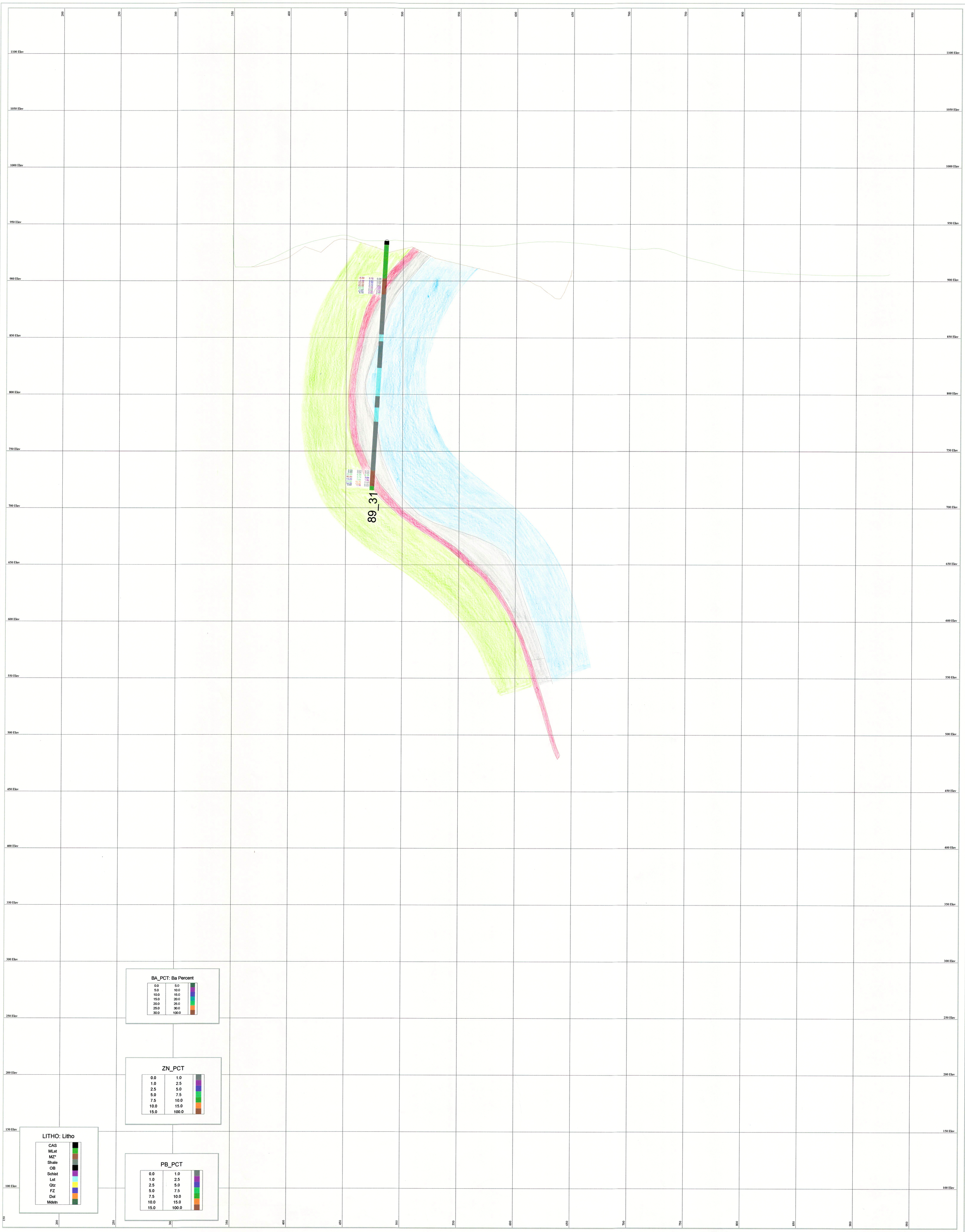


Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10125N

Scale: 1:1000

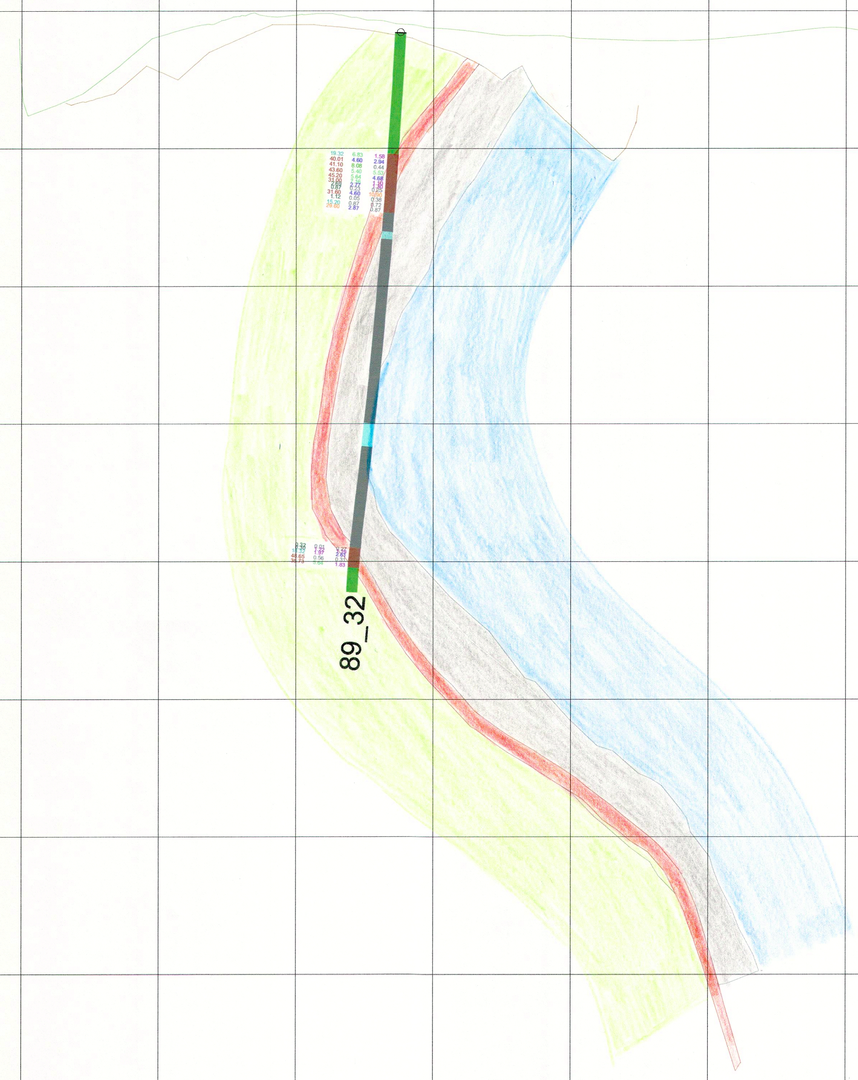


Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10150N

Scale: 1:1000



BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

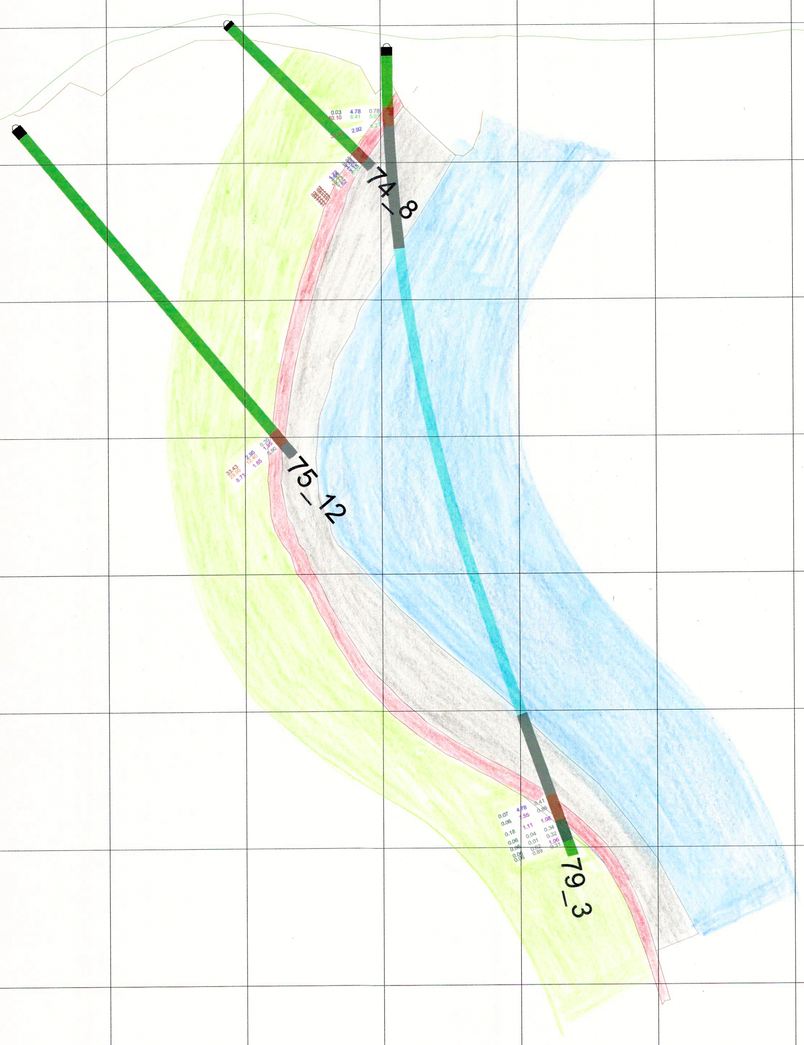
- CAS
- MLst
- MZ*
- Shale
- OB
- Schist
- Lst
- Qtz
- FZ
- Dol
- Mdstn

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10200N

Scale: 1:1000



BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

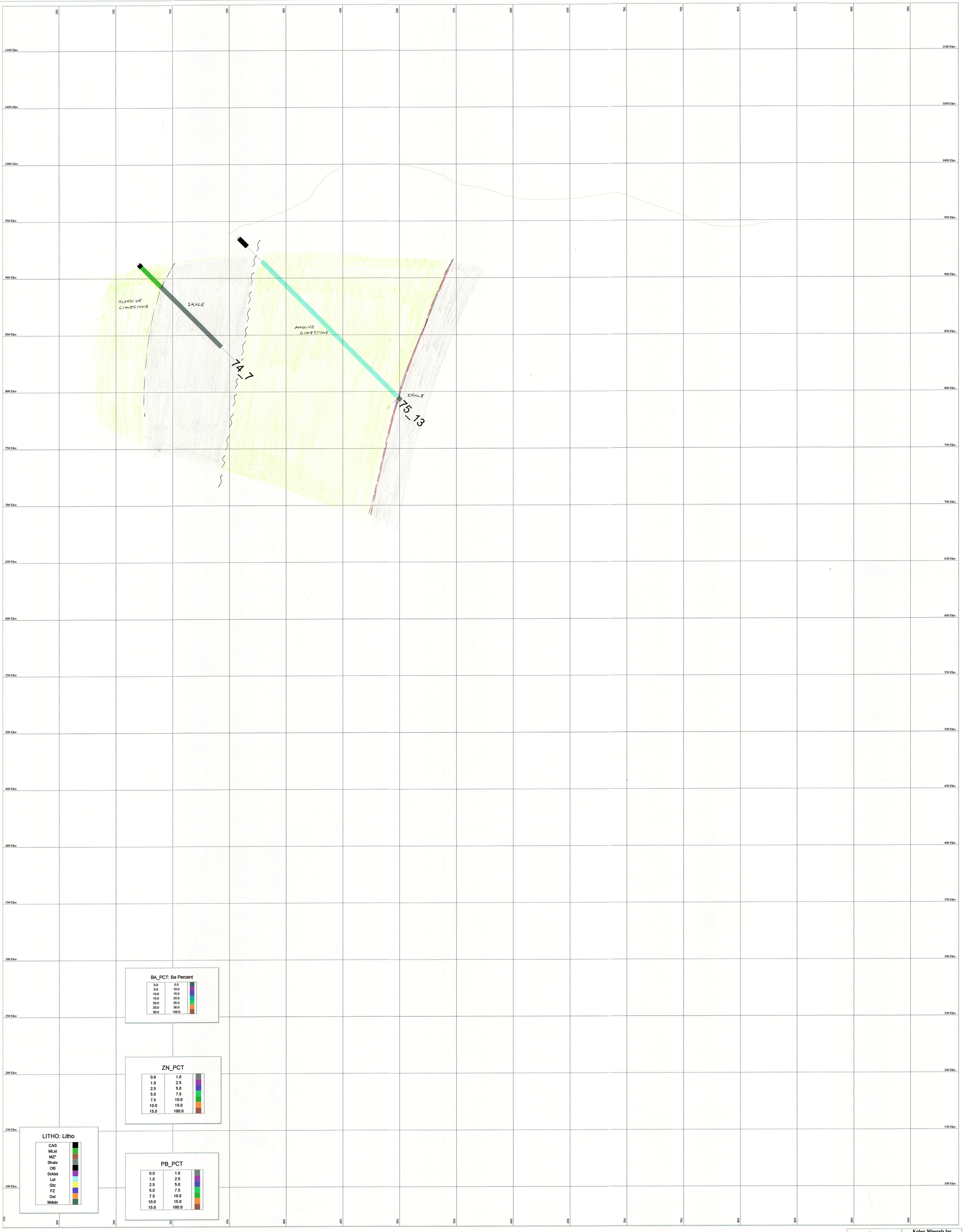
CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10225N

Scale: 1:1000

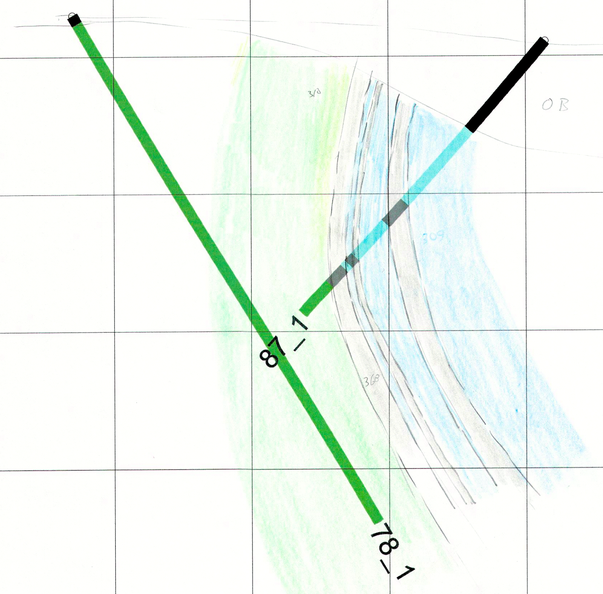


Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 10350N

Scale: 1:1000



BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

PB_PCT

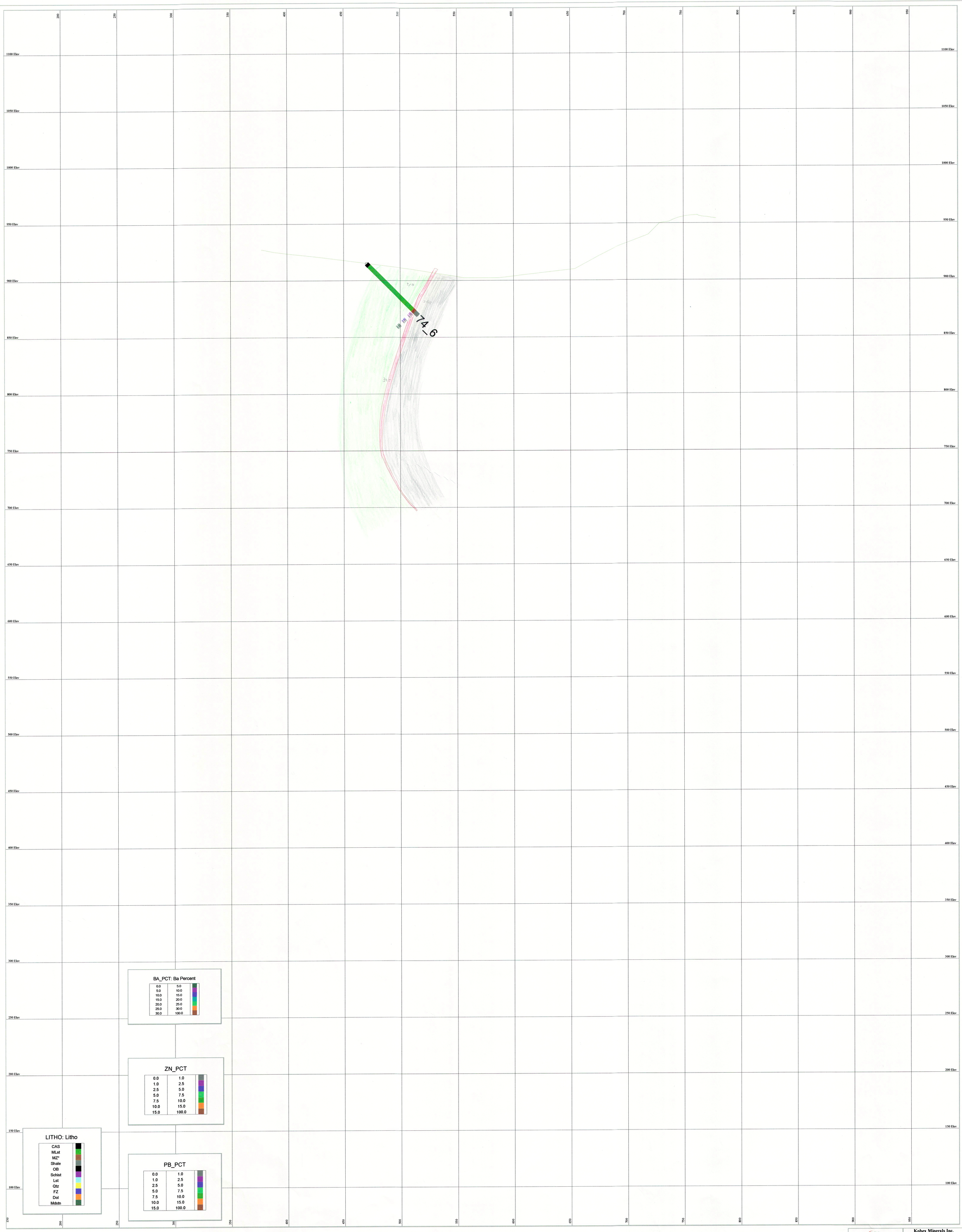
0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9400N

Scale: 1:1000



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9625N

Scale: 1:1000

200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950

1100 Elev
1050 Elev
1000 Elev
950 Elev
900 Elev
850 Elev
800 Elev
750 Elev
700 Elev
650 Elev
600 Elev
550 Elev
500 Elev
450 Elev
400 Elev
350 Elev
300 Elev
250 Elev
200 Elev
150 Elev
100 Elev

90_39

BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

- CAS
- MLst
- MZ*
- Shale
- OB
- Schist
- Lst
- Qtz
- FZ
- Dol
- Mdstn

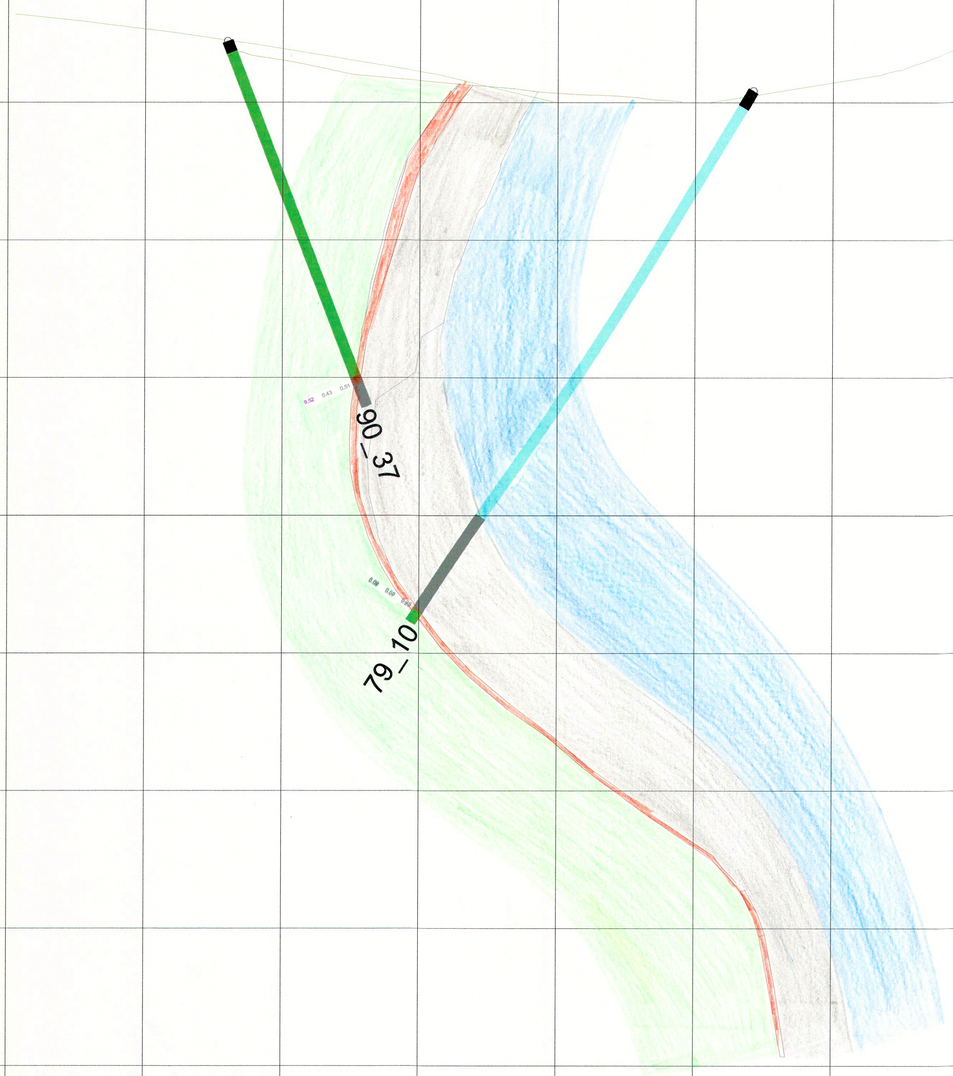
150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9675N

Scale: 1:1000



BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

PB_PCT

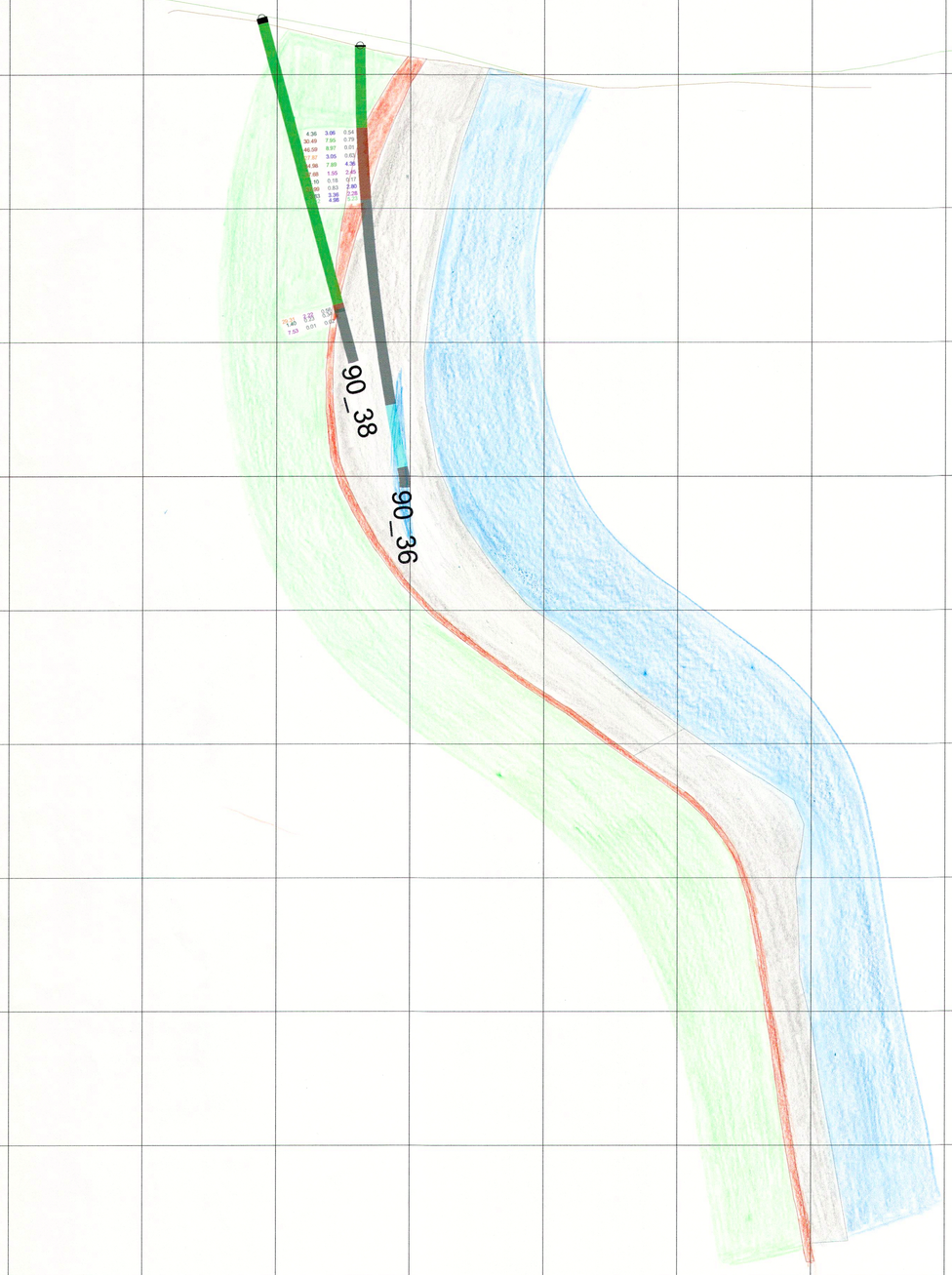
0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9700N

Scale: 1:1000



BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9750N

Scale: 1:1000

87_7

79_9

79_8

BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

- CAS
- MLst
- MZ*
- Shale
- OB
- Schist
- Lst
- Qtz
- FZ
- Dol
- Mdstn

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9775N

Scale: 1:1000

200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950

1100 Elev
1050 Elev
1000 Elev
950 Elev
900 Elev
850 Elev
800 Elev
750 Elev
700 Elev
650 Elev
600 Elev
550 Elev
500 Elev
450 Elev
400 Elev
350 Elev
300 Elev
250 Elev
200 Elev
150 Elev
100 Elev

74_5
75_9
79_8
79_9
87_7
94_48

BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

- CAS
- MLst
- MZ*
- Shale
- OB
- Schist
- Lst
- Qtz
- FZ
- Dol
- Mdstn

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9800N

Scale: 1:1000

79_12

79_11

BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

PB_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

- CAS
- MLst
- MZ*
- Shale
- OB
- Schist
- Lst
- Qtz
- FZ
- Dol
- Mdstn

Assays PlottedAs: % Ba, % Zn, % Pb

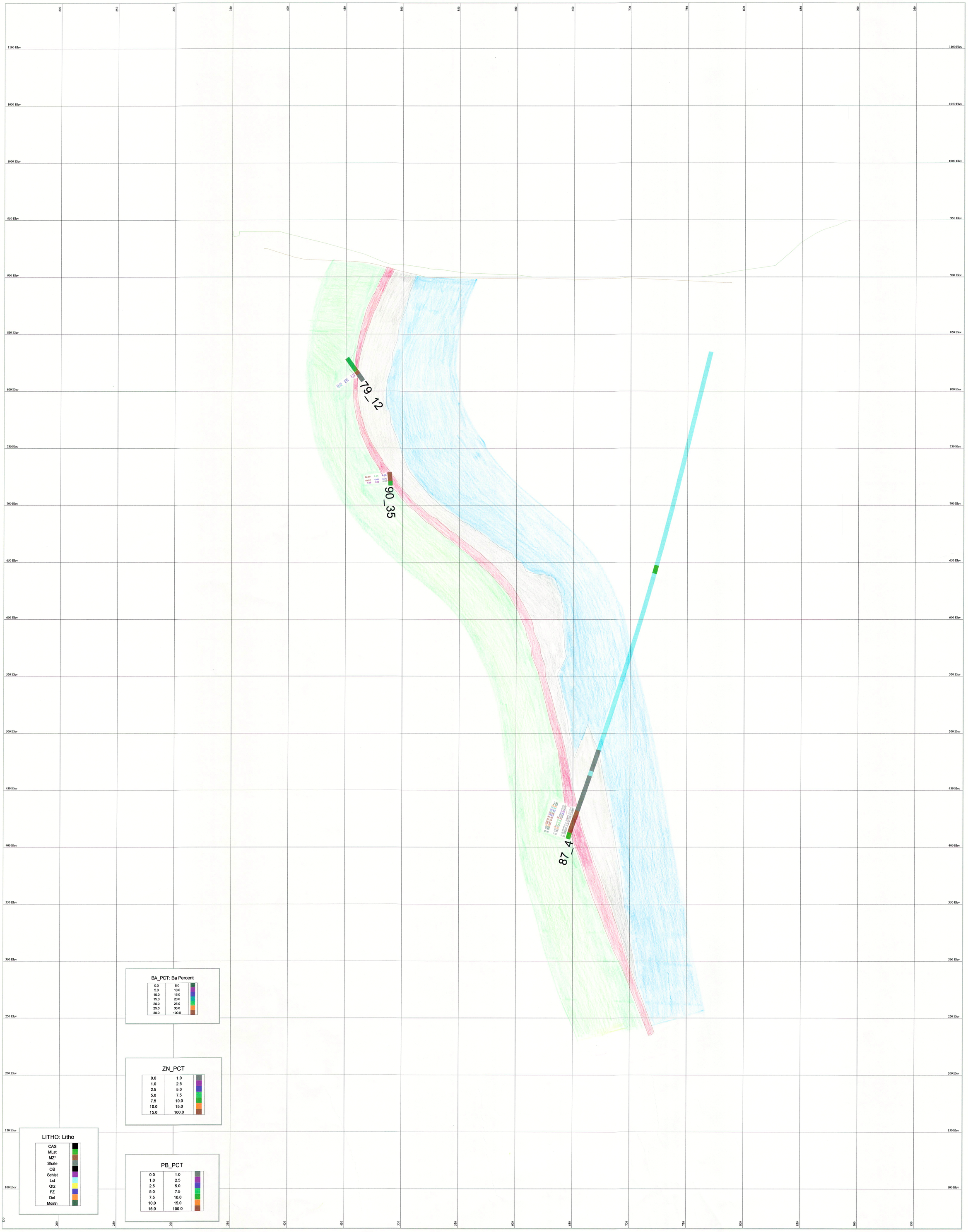
RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9825N

Scale: 1:1000



Kobex Minerals Inc.
Mel Project
Vertical Section 9850N
RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
Assays Plotted As: % Ba, % Zn, % Pb
LITHO: Litho
CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn
PB_PCT
0.0 1.0
1.0 2.5
2.5 5.0
5.0 7.5
7.5 10.0
10.0 15.0
15.0 100.0
ZN_PCT
0.0 1.0
1.0 2.5
2.5 5.0
5.0 7.5
7.5 10.0
10.0 15.0
15.0 100.0
BA_PCT: Ba Percent
0.0 5.0
5.0 10.0
10.0 15.0
15.0 20.0
20.0 25.0
25.0 30.0
30.0 100.0
78_4
90_33
90_34
89_33



Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9875N

Scale: 1:1000

94_45

94_44

94_46

BA_PCT: Ba Percent

0.0	5.0
5.0	10.0
10.0	15.0
15.0	20.0
20.0	25.0
25.0	30.0
30.0	100.0

ZN_PCT

0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

LITHO: Litho

CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn

PB_PCT

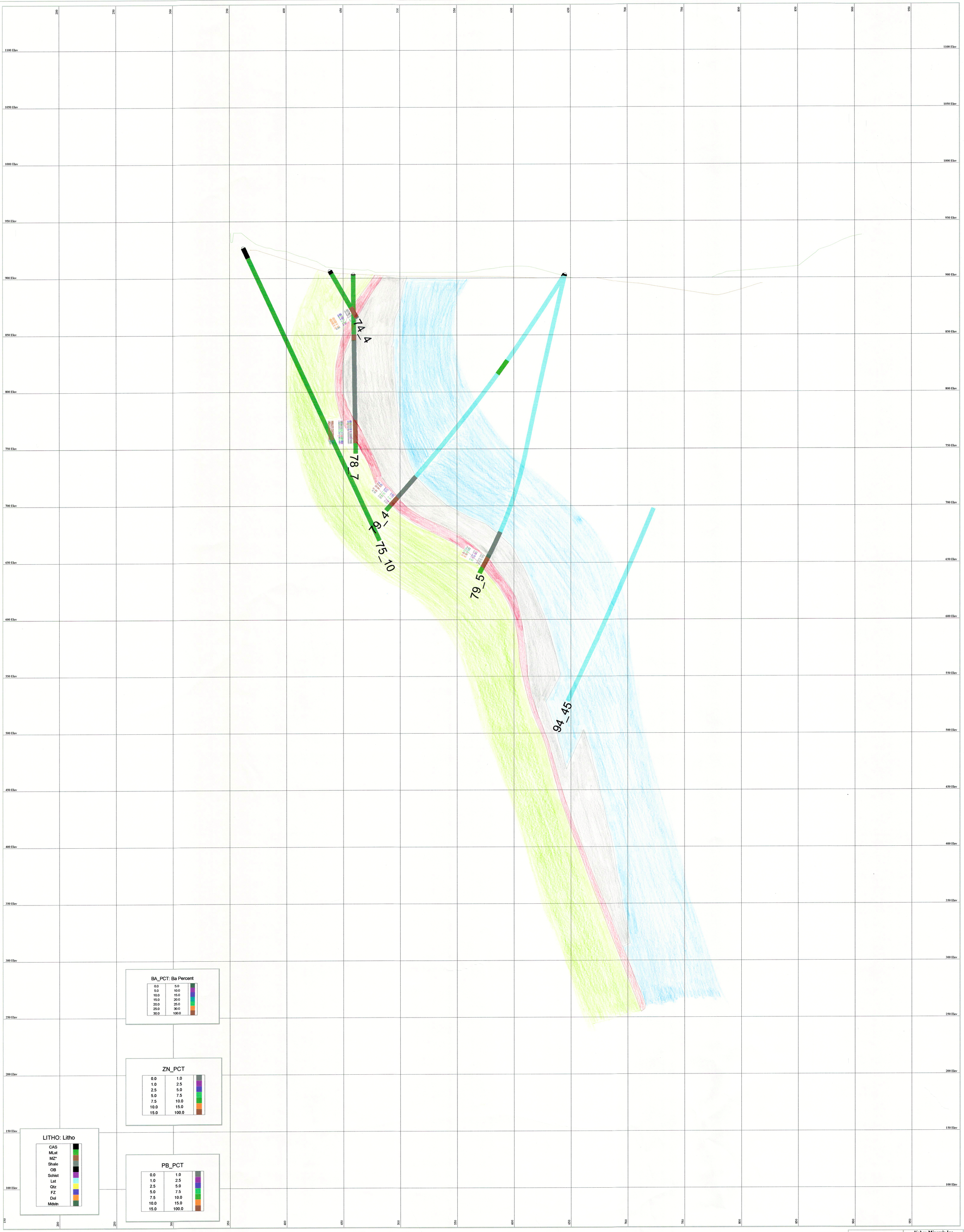
0.0	1.0
1.0	2.5
2.5	5.0
5.0	7.5
7.5	10.0
10.0	15.0
15.0	100.0

Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9900N

Scale: 1:1000

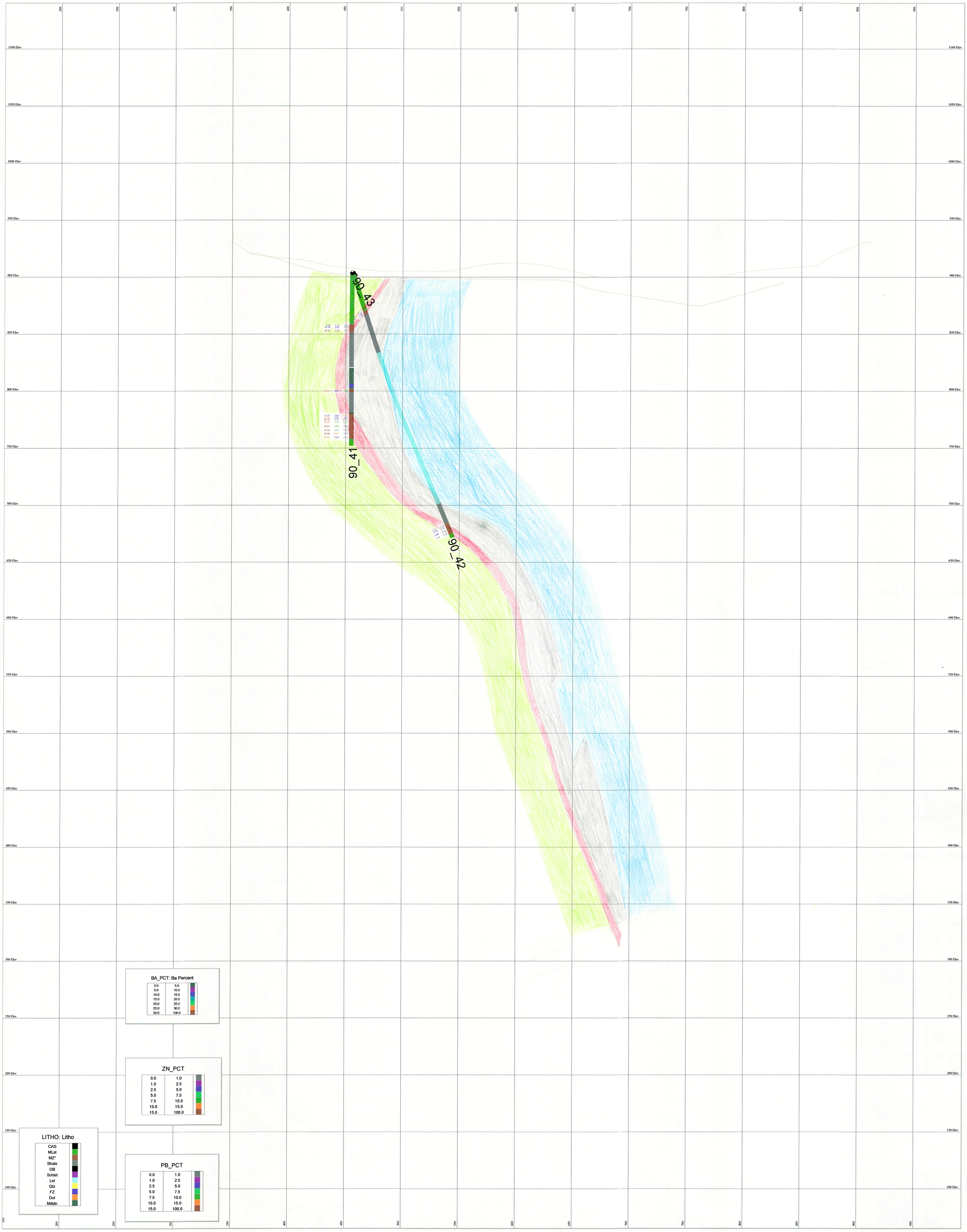


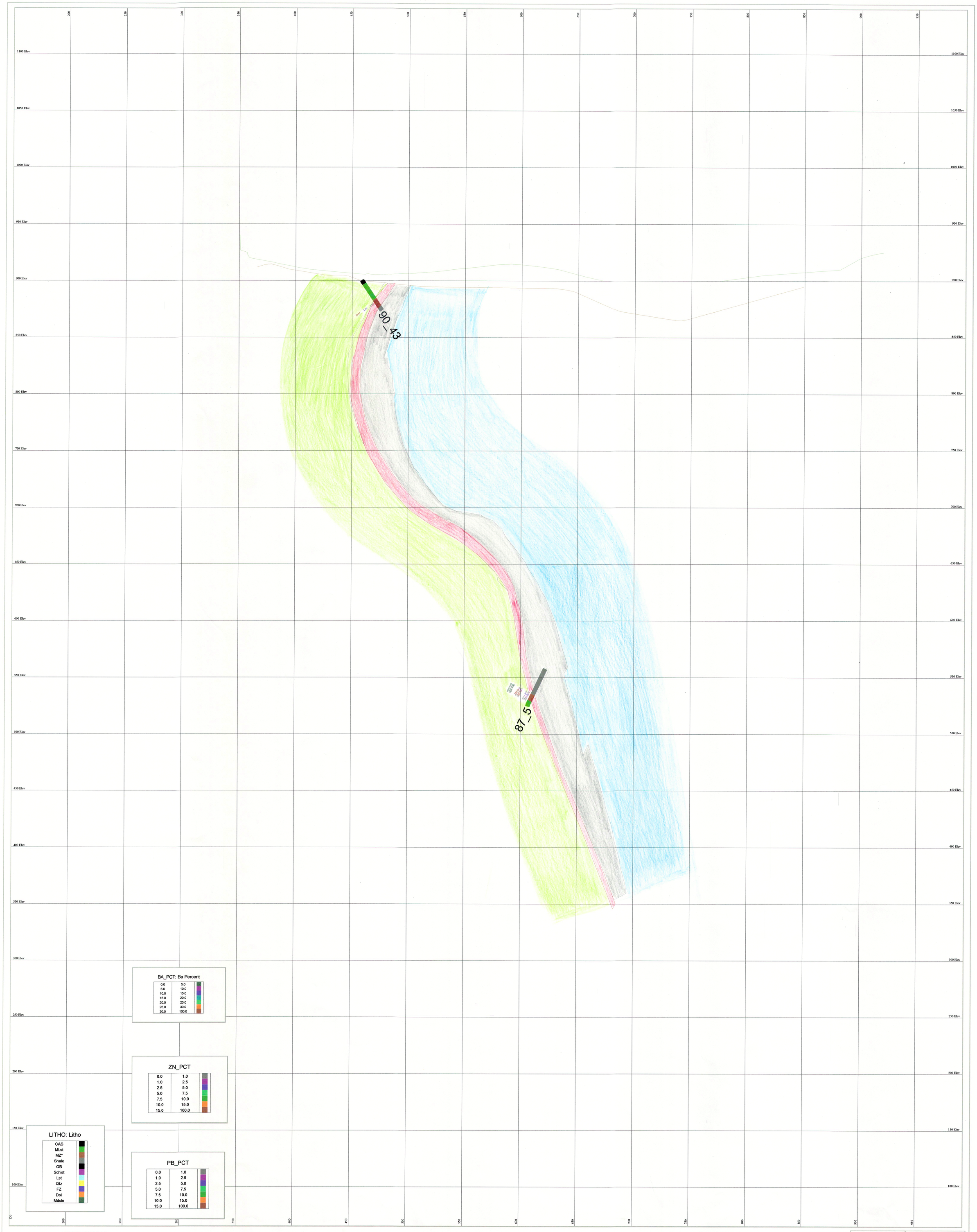
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9925N

Scale: 1:1000


90_43
90_41
90_42
BA_PCT: Ba Percent
0.0 5.0
5.0 10.0
10.0 15.0
15.0 20.0
20.0 25.0
25.0 30.0
30.0 100.0
ZN_PCT
0.0 1.0
1.0 2.5
2.5 5.0
5.0 7.5
7.5 10.0
10.0 15.0
15.0 100.0
PB_PCT
0.0 1.0
1.0 2.5
2.5 5.0
5.0 7.5
7.5 10.0
10.0 15.0
15.0 100.0
LITHO: Litho
CAS
MLst
MZ*
Shale
OB
Schist
Lst
Qtz
FZ
Dol
Mdstn
Assays Plotted As: % Ba, % Zn, % Pb
RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
Toronto, Ontario M5J 2H7
Kobex Minerals Inc.
Mel Project
Vertical Section 9950N
Scale: 1:1000

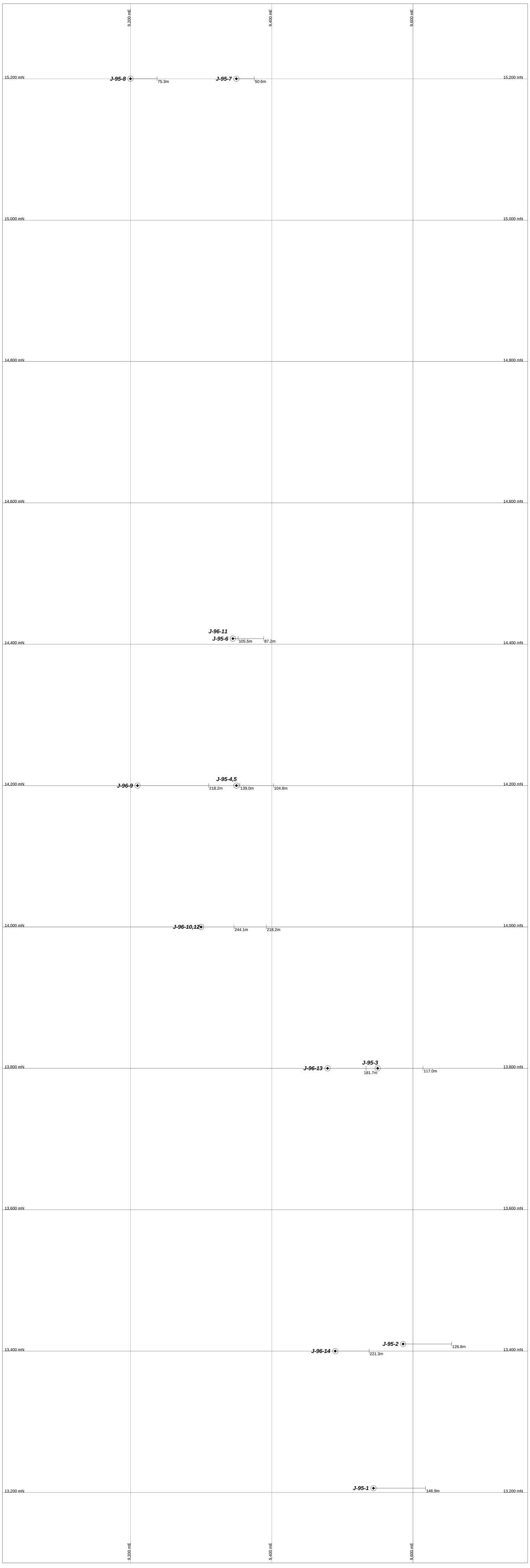


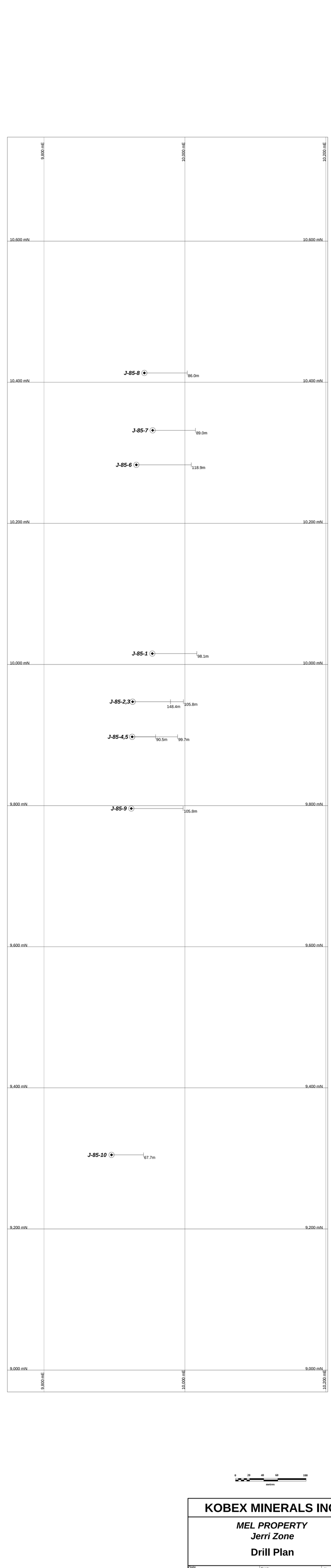
Assays Plotted As: % Ba, % Zn, % Pb

RPA
ROSCOE POSTLE ASSOCIATES INC.
GEOLOGICAL AND MINING CONSULTANTS
55 University Avenue, Suite 501
Toronto, Ontario M5J 2H7

Kobex Minerals Inc.
Mel Project
Vertical Section 9975N

Scale: 1:1000





0 20 40 60 100
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

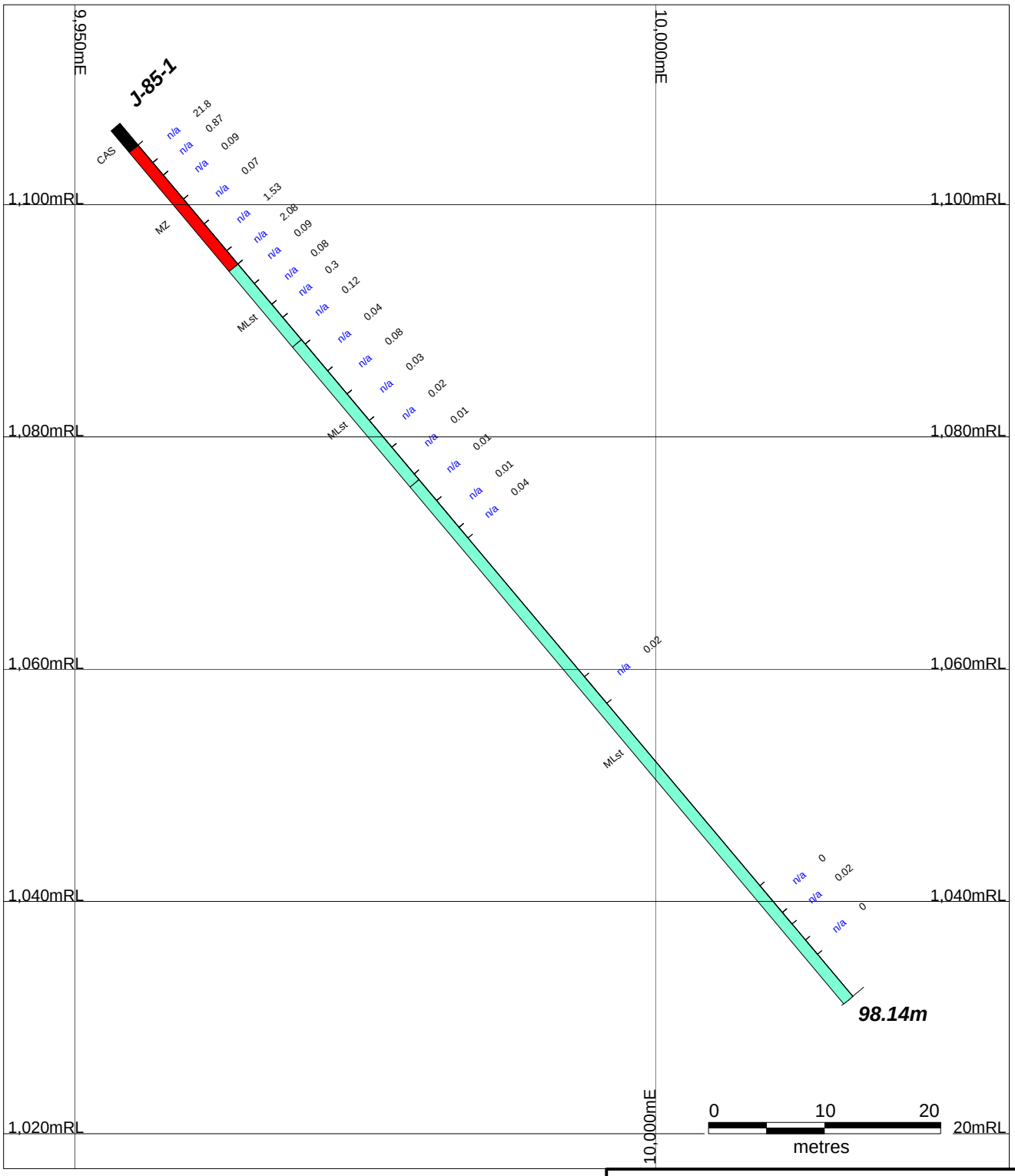
Drill Plan

Date	Feb 27, 2012	*Scale*	1:2000	*Figure* 2
Projection	Local Grid	*State/Province*	Yukon	
Vert exag.	n/a	*NTS*	095D/06	
Author	MJD	*File*	MelJerri_drillPlan	

Data Compilation Files

9. Mel Jeri Zone Drill Collar Data
10. Mel Jeri Zone Jeri Drill Hole Survey Data
11. Mel Jeri Zone Assay Data
12. Mel Jeri Zone Lithology

See Data Files



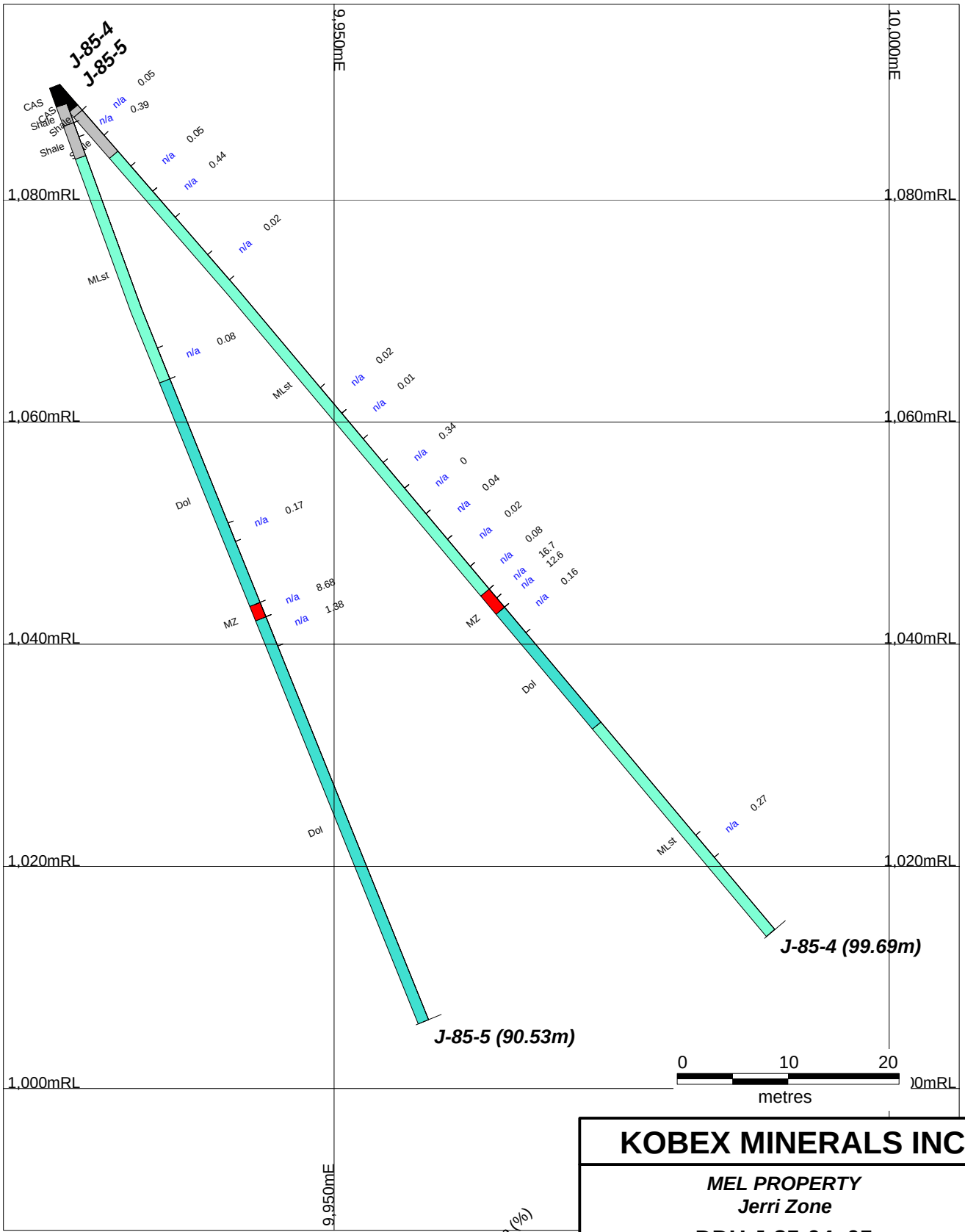
Litho code | Pb (%) | Zn (%)

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-01
Section 10016N

Date	Oct 1, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	1
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

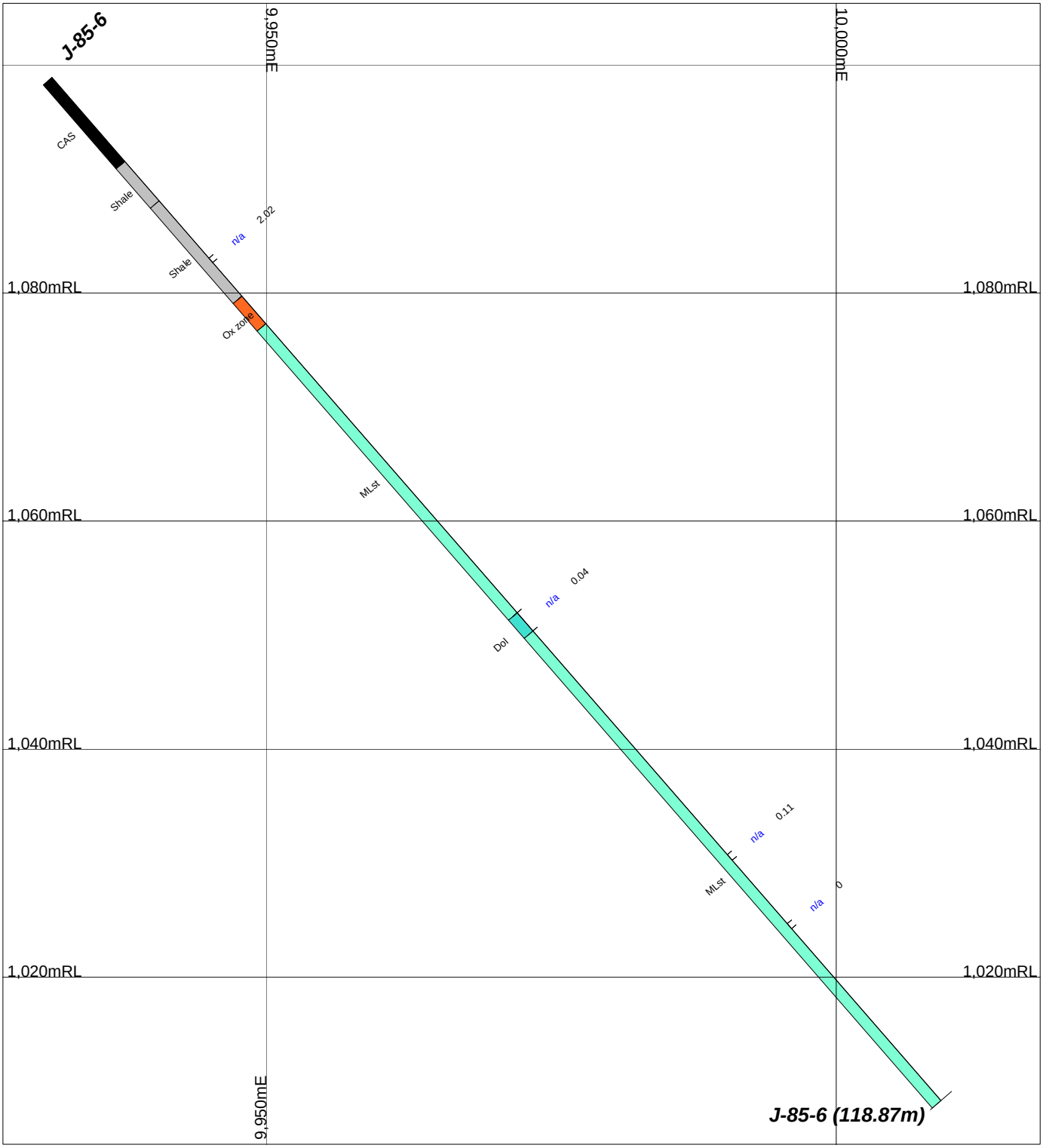


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-04, 05
Section 9898N

Date	Oct 1, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	3
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



Litho code | Pb (%) | Zn (%)

0 10 20

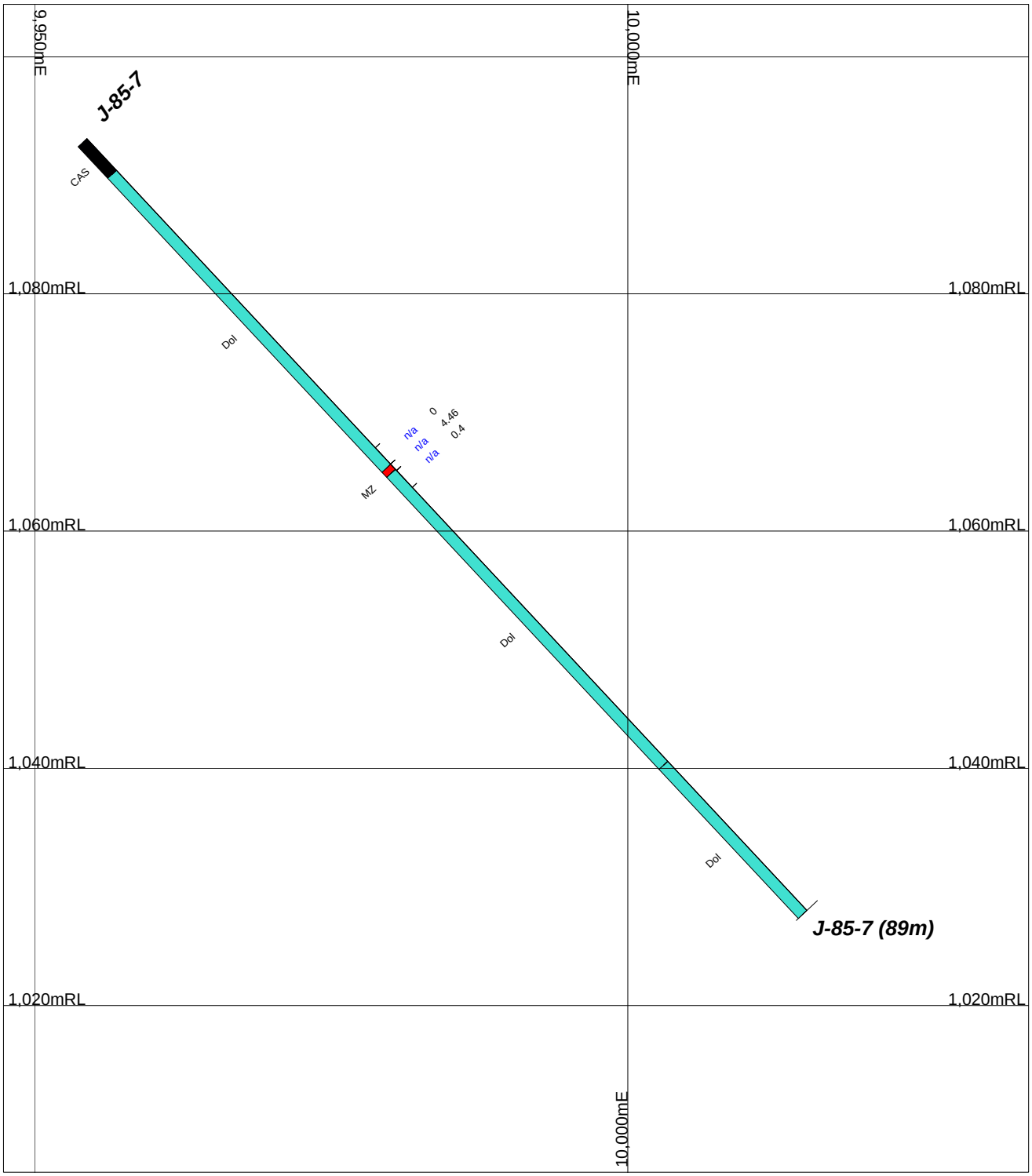
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-06
Section 10283N

Date	Oct 3, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	4
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



Litho code | Pb (%) | Zn (%)

0 10 20

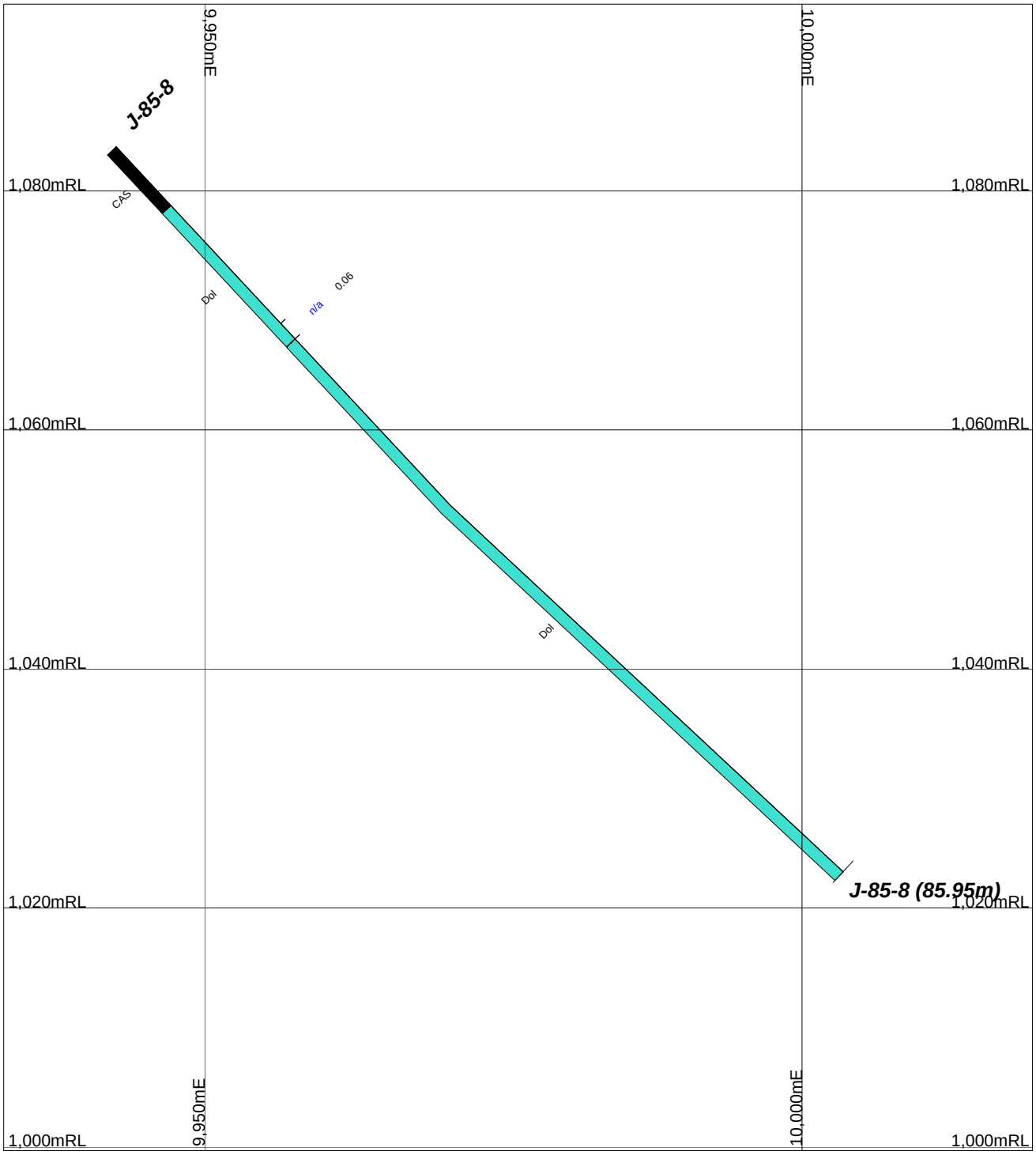
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-07
Section 10332N

Date	Oct 1, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	5
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



Litho code | Pb (%) | Zn (%)

0 10 20

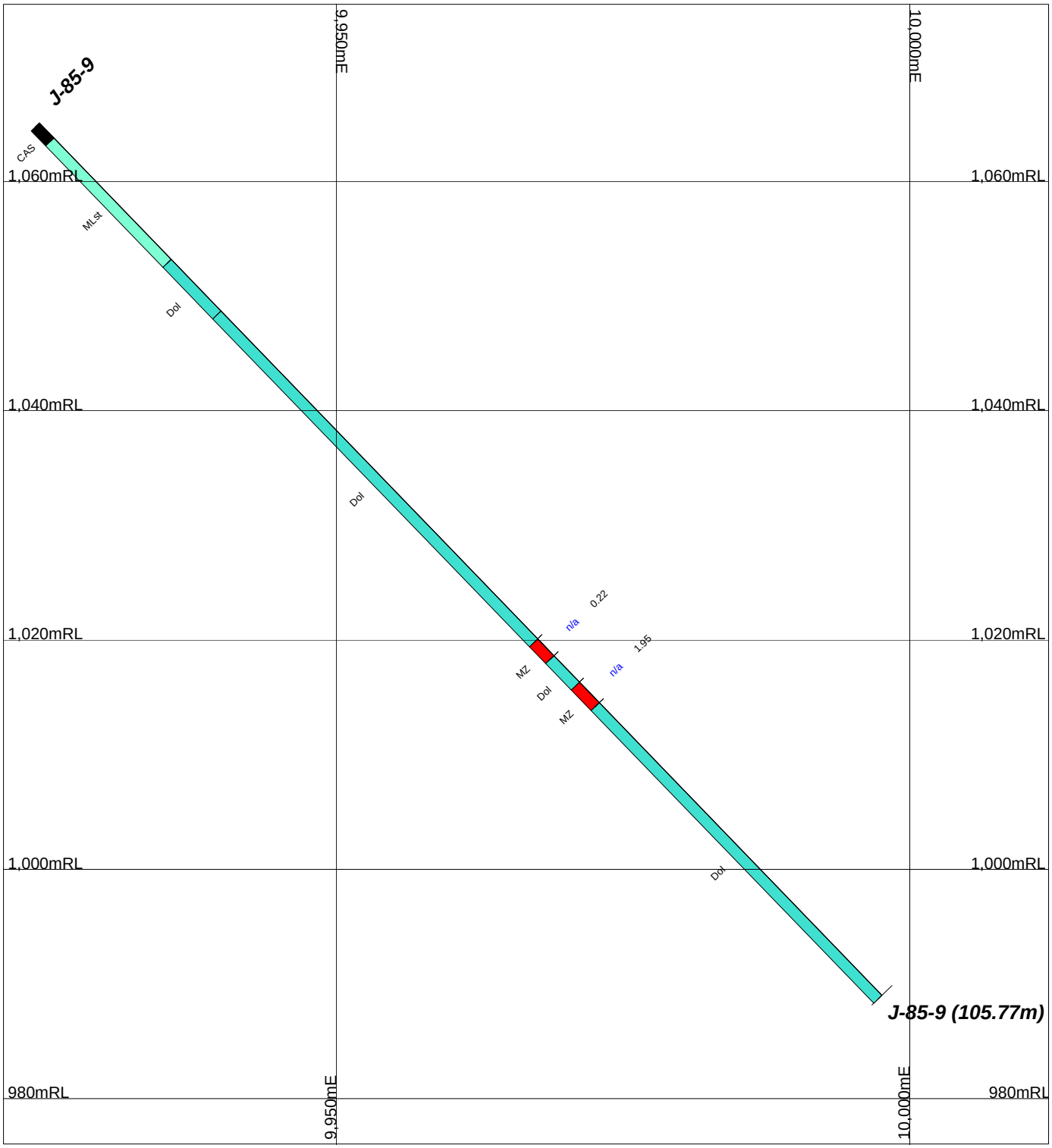
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-08
Section 10413N

Date	Oct 1, 2011	*Scale*	1:500	*Figure* 6
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



Litho code | Pb (%) | Zn (%)

0 10 20

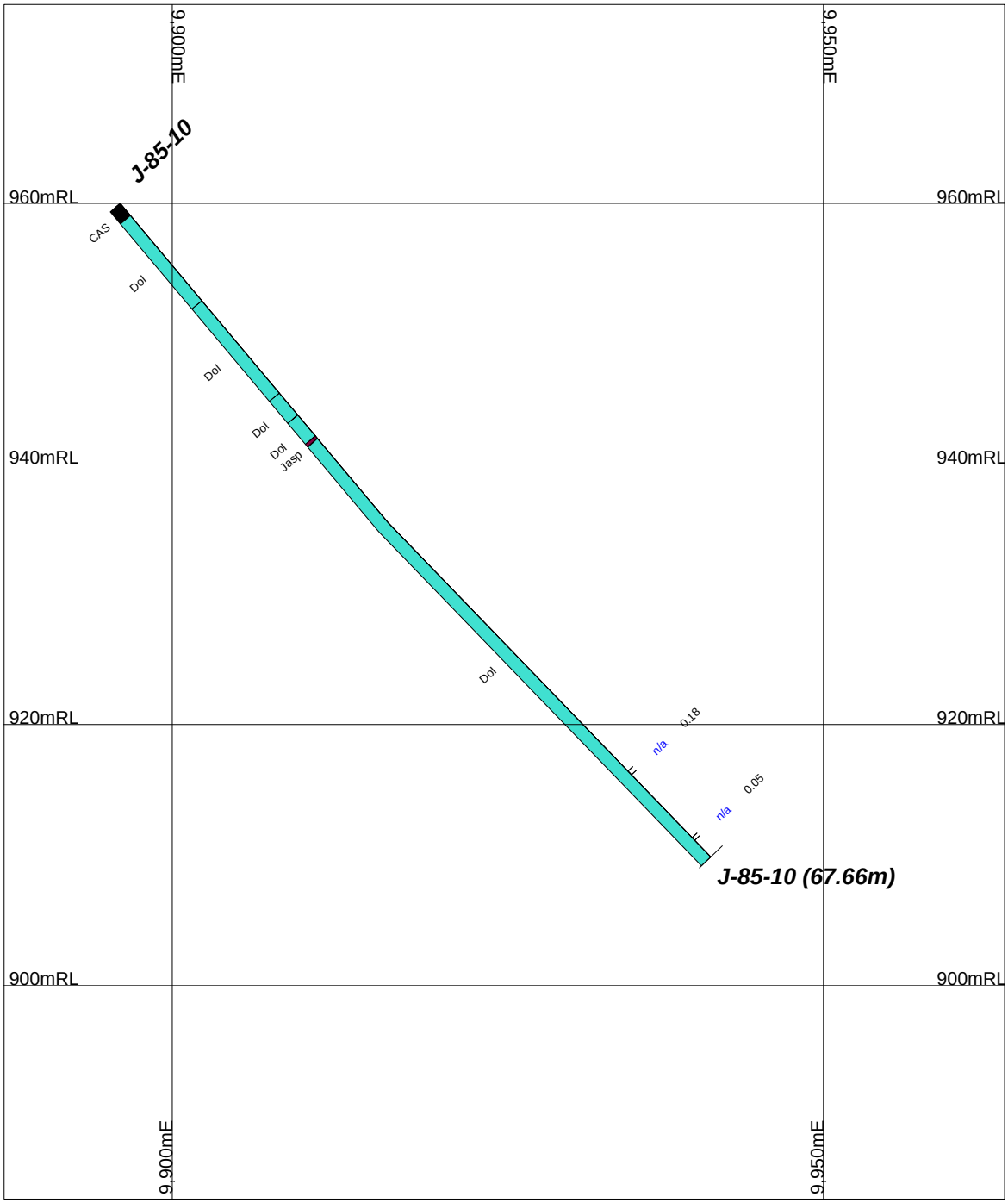
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-09
Section 9796N

Date	Oct 3, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	7
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



Litho code | Pb (%) | Zn (%)

0 10 20

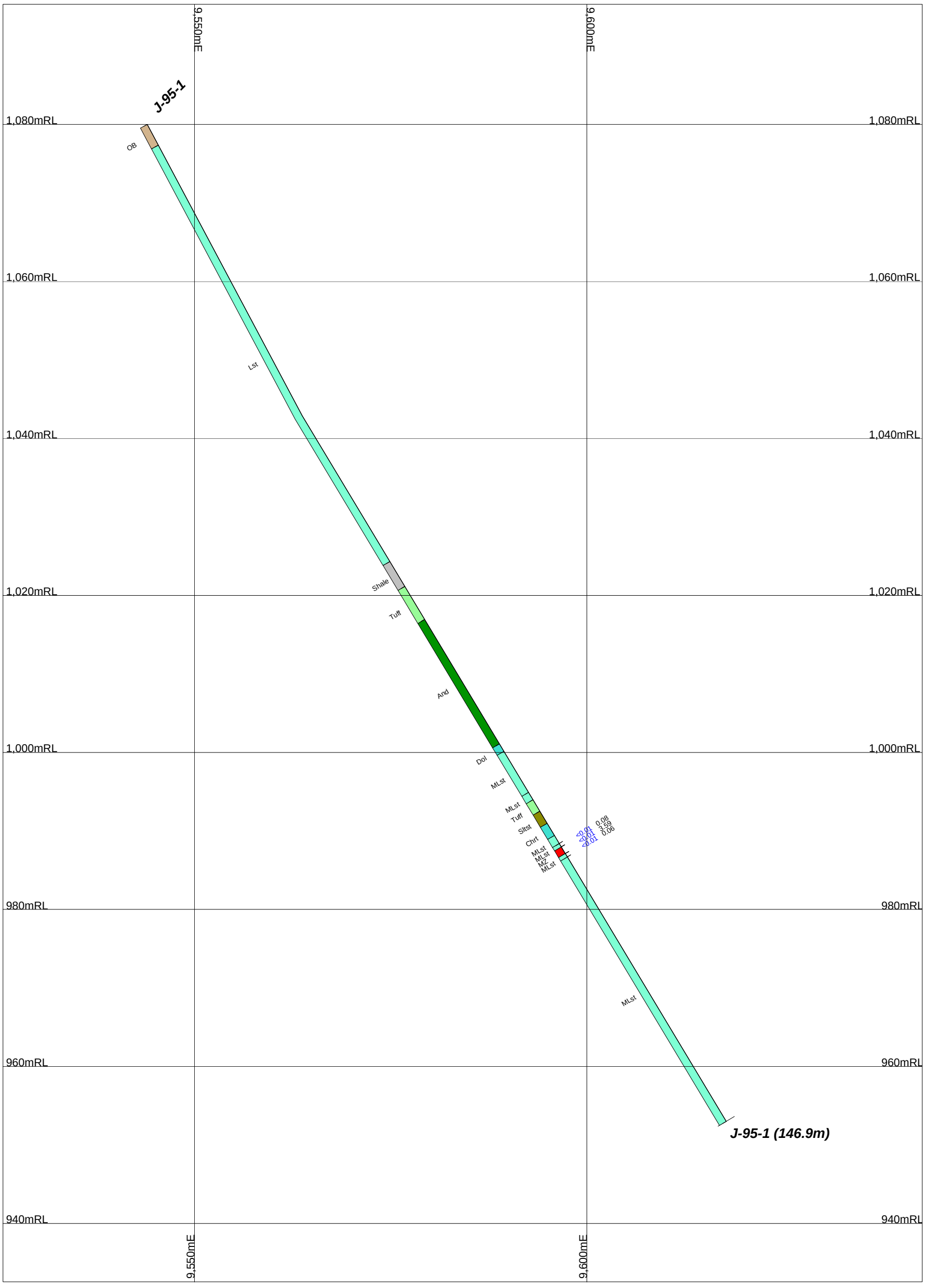
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-85-10
Section 9305N

Date	Oct 3, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	8
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

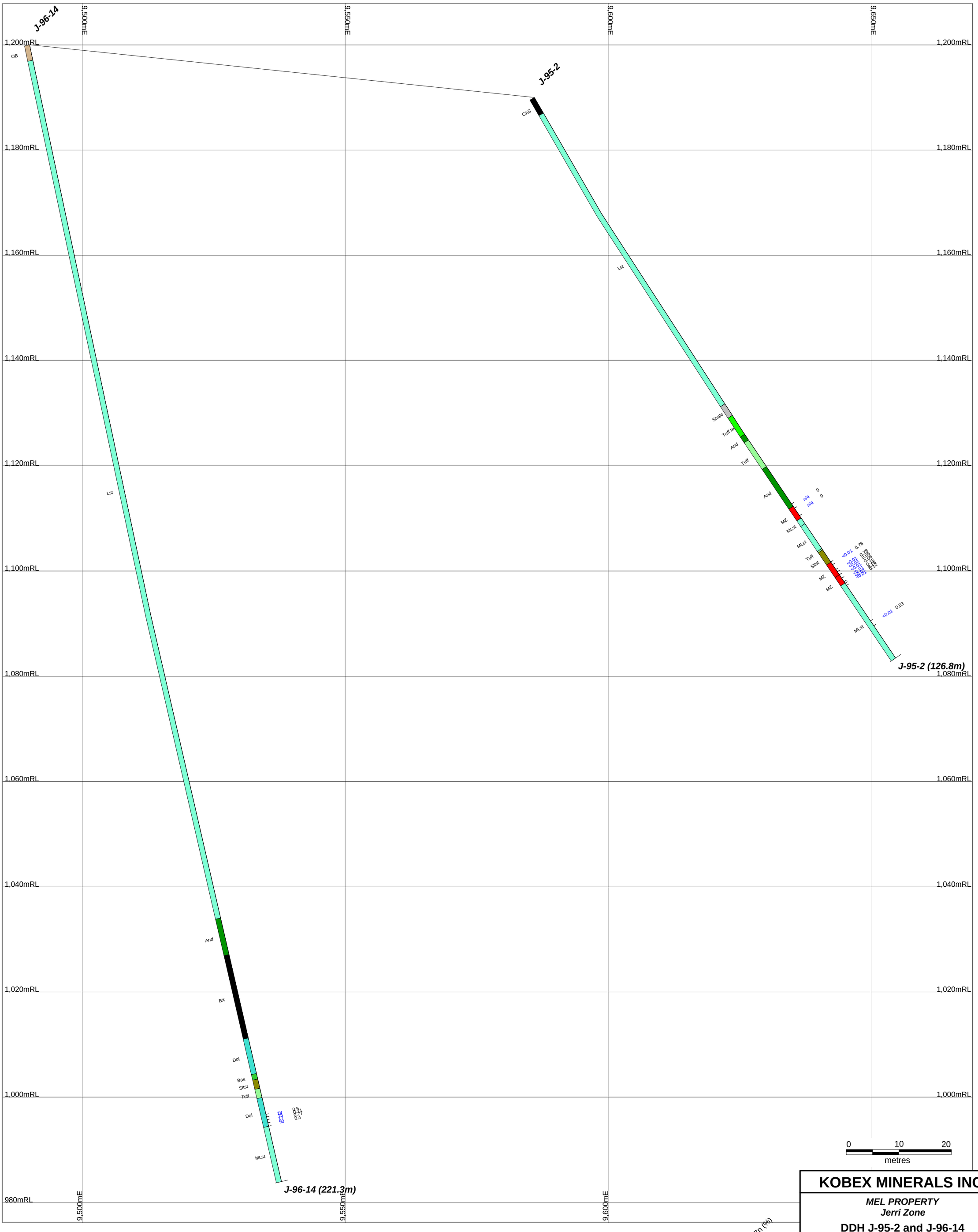


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-1
Section 13206N

Date	Oct 3, 2011	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	9
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

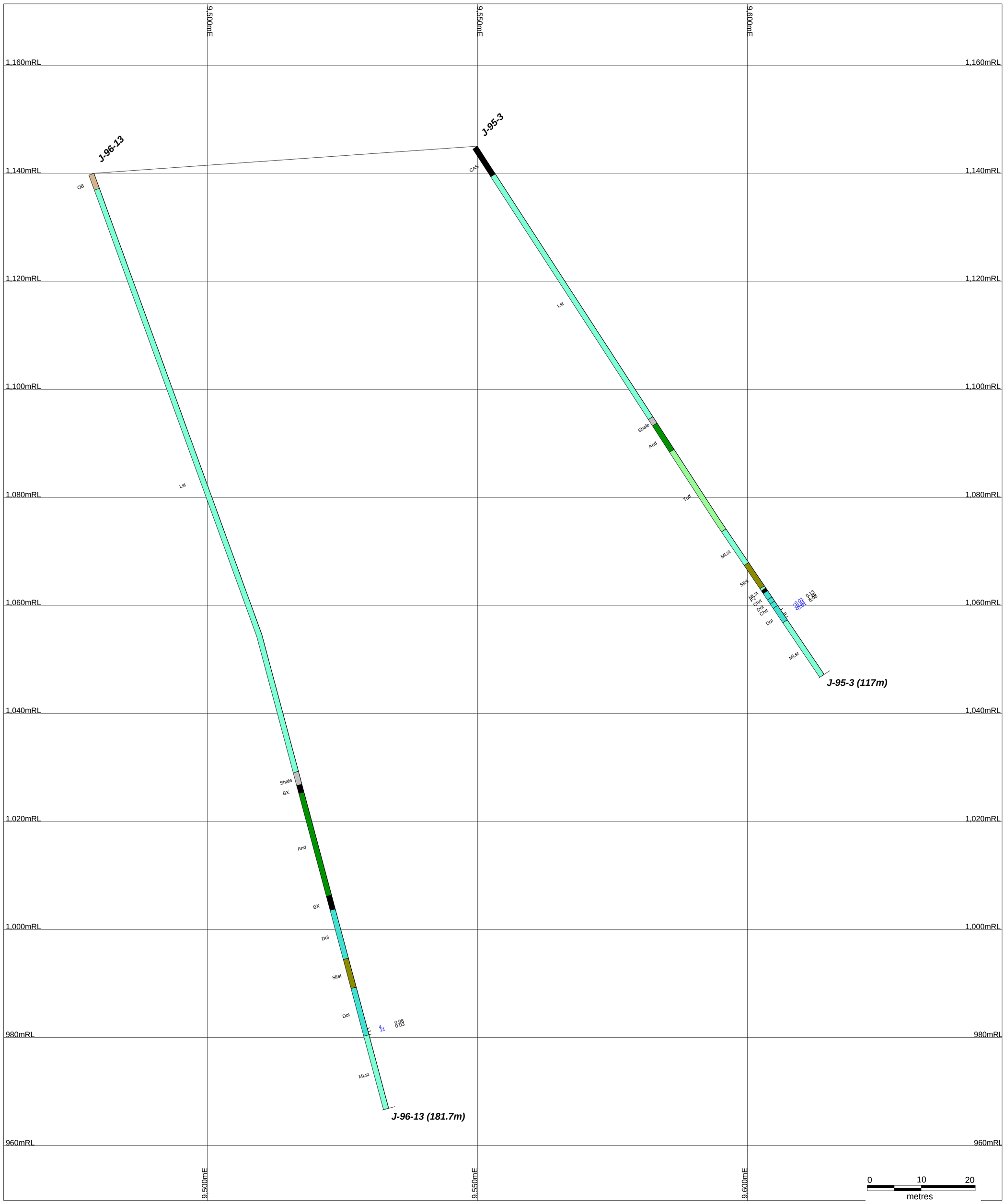


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-2 and J-96-14
Section 13407N

Date	Mar 1, 2012	*Scale*	1:500	*Figure* 10
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-3 and J-96-13
Section 13797N

Date	Mar 1, 2012	*Scale*	1:500	*Figure* 11
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

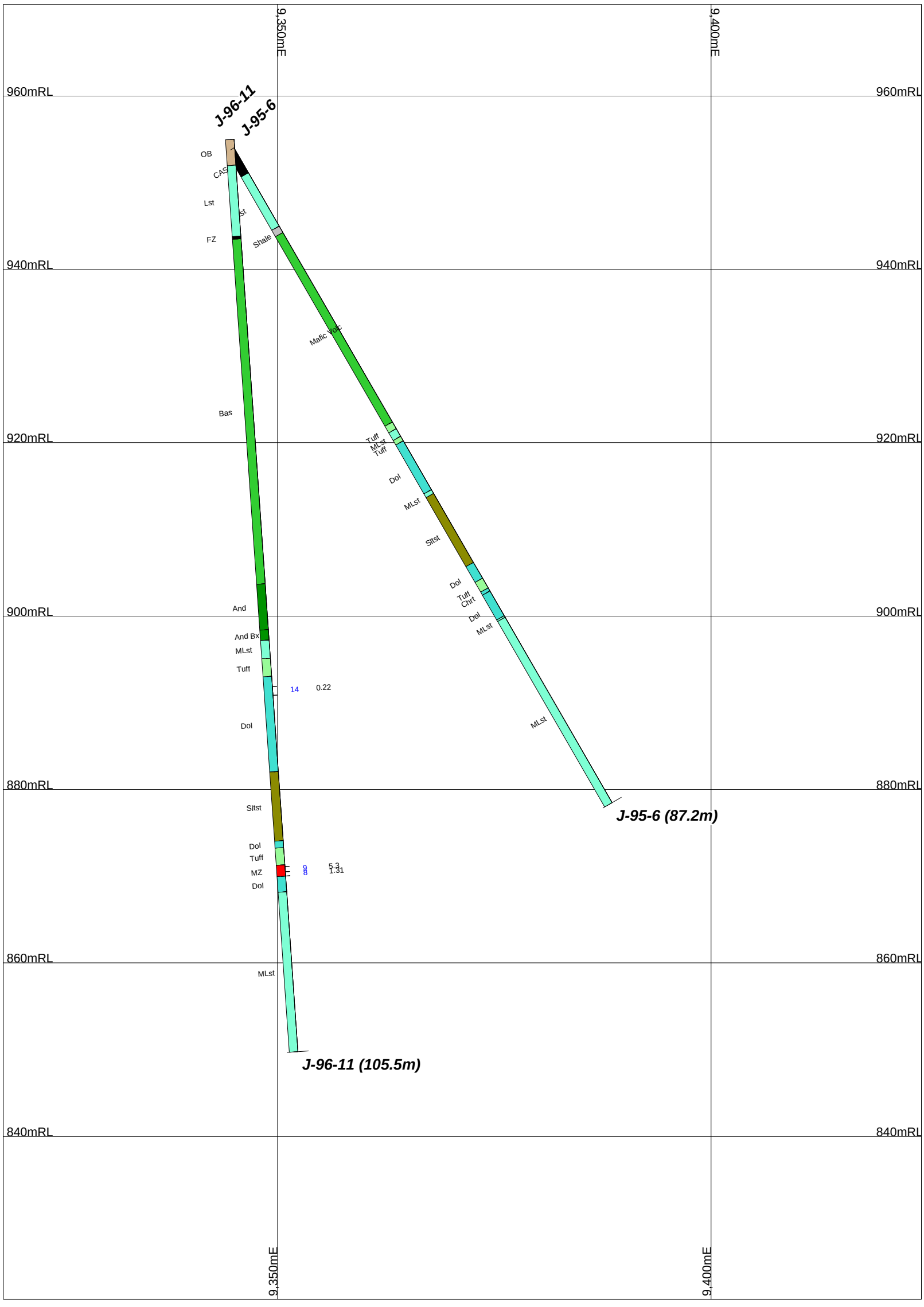
9,250mE
9,300mE
9,350mE
9,400mE
960mRL
940mRL
920mRL
900mRL
880mRL
860mRL
840mRL
820mRL
800mRL
780mRL
760mRL
740mRL
J-96-9
OB
Lst
Shale
Bx
And
And BL
MZ
Sltst
Dol
MLst
J-96-9 (218.2m)
J-95-5
CAS
Lst
Shale
And
Tuff bx
And
Tuff bx
And
Tuff bx
Dol
MLst
Sltst
Dol
MZ
MLst
J-95-4 (104.8m)
Shale
Shale
And
Tuff bx
Mafic Volc
Dyke
Mafic Volc
Tuff
Dol
Sltst
MZ, Dol
MZ, Volc
MZ, chert
Dol
MLst
J-95-5 (139m)
0 10 20
metres
Litho code
Pb (%)
Zn (%)

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-4,5 and J-96-9
Section 14200

Date	Mar 1, 2012	Scale	1:500	Figure
Projection	UTM Zone 9 - NAD83	State/Province	Yukon	12
Vert exag.	1:1	NTS	095D/06	
Author	MJD	File	MelJerri	

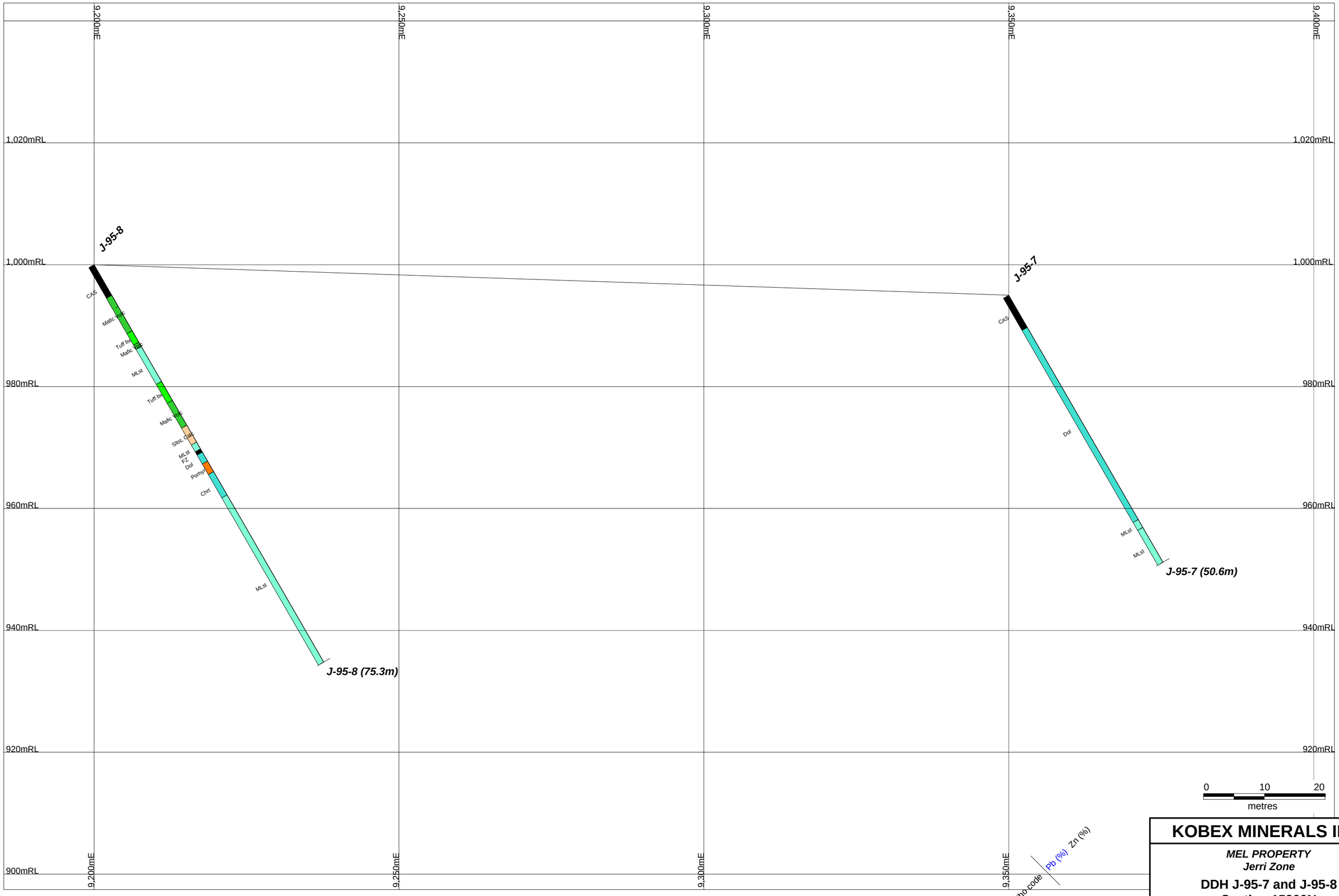


KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-6 and J-96-11
Section 14408N

Date	Mar 1, 2012	*Scale*	1:500	*Figure* 13
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	



KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-95-7 and J-95-8
Section 15200N

Date	Mar 1, 2012	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	14
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

9,300mE
9,350mE
9,400mE
J-96-12
OB
OB
1,020mRL
1,000mRL
980mRL
960mRL
940mRL
920mRL
900mRL
880mRL
860mRL
840mRL
820mRL
800mRL
780mRL
Lst
Lst
Shale
And
And Bx
And
0.038
2.76
2.71
4
15
10
MZ
7
4
2.71
0.41
Sltst
MZ
Dol
Sltst
MLst
J-96-10 (218.2m)
Shale
And Bx
And
Dol
Sltst
MLst
MLst
J-96-12 (244.1m)
Litho code
Pb (%)
Zn (%)
0
10
20
metres

KOBEX MINERALS INC.

MEL PROPERTY
Jerri Zone

DDH J-96-10 and J-96-12
Section 14000N

Date	Mar 1, 2012	*Scale*	1:500	*Figure*
Projection	UTM Zone 9 - NAD83	*State/Province*	Yukon	15
Vert exag.	1:1	*NTS*	095D/06	
Author	MJD	*File*	MelJerri	

Appendix B – Drill plans and Drill hole sections for Mel Main Zone, Jeri and Jeri North Zones (hard copy files)

Digital files for these are all in Appendix A

Appendix C – Views of the wire frame model of Mel Main Zone

