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- ASSESSMENT REPORT -

2015 Surface EM and Drilling Report

on the

Ermatinger CBA and Ministic Lake Properties

(Claim # 1239143, 1244385, 1244386, 1229362, 1244716, 1244717, 1244718, and 1244719)

Ermatinger, Cascaden, Hart, Vernon, and Venturi Townships

Sudbury, Ontario

December, 2015

Wallbridge Mining Company Limited

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1- Program Summary

The 2015 exploration program on the Wallbridge Mining Limited Ermatinger CBA and Ministic Lake properties totalling $164,076 consisted of one surface EM survey performed between February 14th and March 4th, 2015 and drilling of one (1) helicopter supported diamond drill hole between January 13th and 23rd, 2015. The surface EM survey was focused on claims 1239143, 1244385, 1244386, 1229362, 1244716, 1244717, 1244718, 1244719 while the 137.07 meter drill hole program focused on claim 1244719.

2- Property Description and Location

The Ermatinger CBA Property is located wholly within Ermatinger Township and contains 9 mining claims – 1214586, 1214587, 1239141, 1239143, 1244383, 1244384, 1244385, 1244386, 1244387, totalling 105 units or 1,680 ha and 3 mining leases – 109417 (S603294), 109418 (S603295), 109419 (S603298), totalling 62.14 ha (Figure 2).

The Ministic Lake Property covers portions of Ermatinger and Cascaden Townships and consists of 8 claims – 1199058, 1199059, 1229362, 1244715, 1244716, 1244717, 1244718, 1244719, totaling 65 units or 1,040 ha (Figure 2).

The Ermatinger CBA and Ministic Lake properties are located ~45 km northwest of downtown Sudbury, Ontario and the center of the Property is 15 km southwest of the town of Levack on the North Range of the Sudbury Igneous Complex ("SIC") (Figure 1). Table 1 and
Table 2 summarize the Ermatinger CBA claims and patents respectively and
Table 3 summarizes the Ministic Lake claims' status as of December 31, 2015.

The lands included in the Ermatinger CBA and Ministic Lake projects are part of the Lonmin Plc North Range Joint Venture (NRJV).

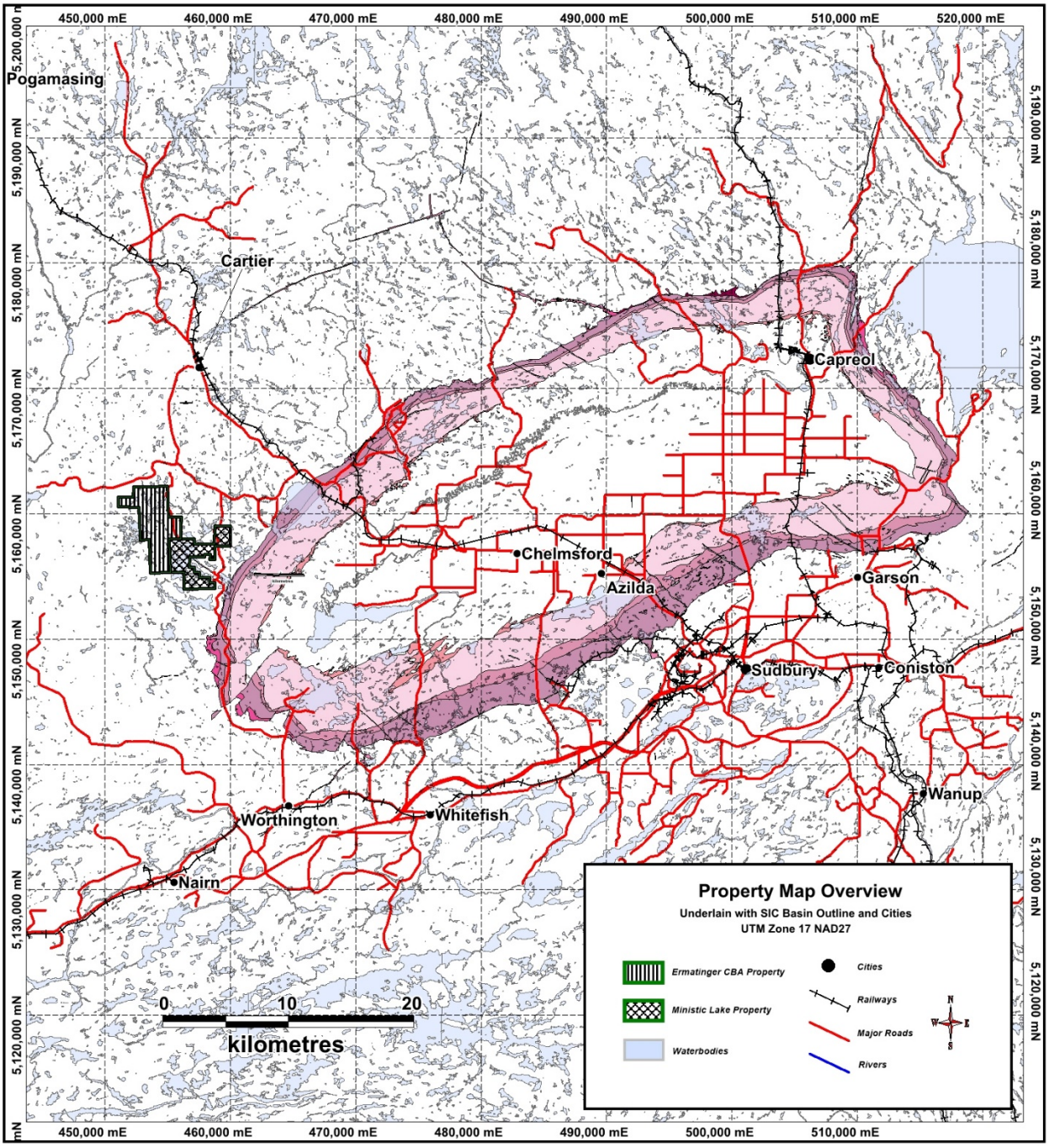

Figure 1: Regional Overview Location Map.

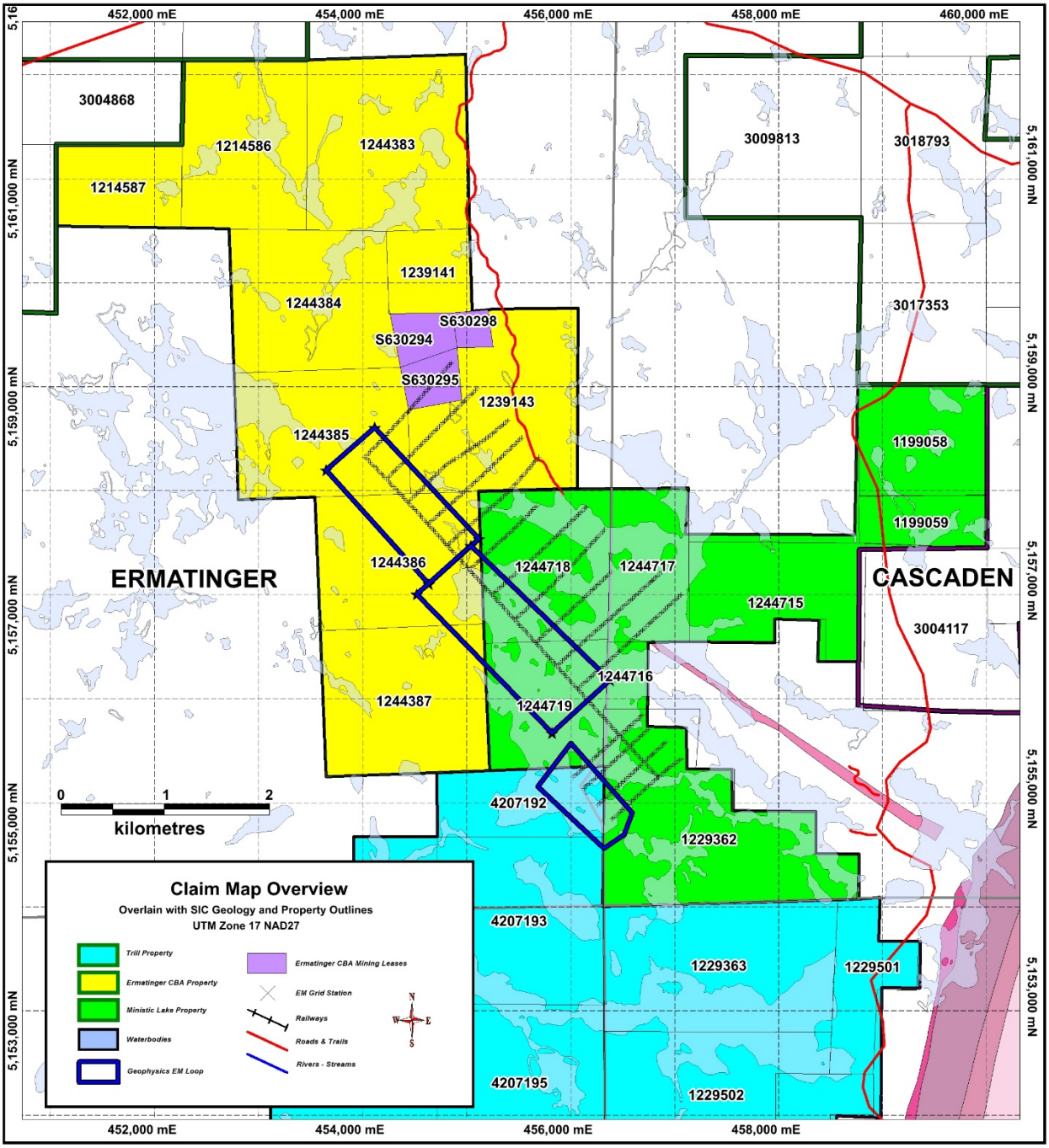

Figure 2: Property Claim Overview Map with cut grid lines (Ermatinger CBA and Ministic Lake).

Table 1: Ermatinger CBA Property Claim Status

Claim Number	Township	Area (ha)	Units	Holder	Recorded Date	Work Due Date	Status	Work ($) Required	Work ($) Reserve
1214586	Ermatinger	192	12	WMCL CBRL	23-Feb-1998	18-Mar-2016	A	4,800	0
1214587	Ermatinger	80	5	WMCL CBRL	23-Feb-1998	18-Mar-2016	A	2,000	0
1239141	Ermatinger	64	4	WMCL CBRL	13-Apr-2000	06-May-2016	A	1,600	0
1239143	Ermatinger	208	13	WMCL CBRL	13-Apr-2000	06-May-2016	A	5,200	0
1244383	Ermatinger	256	16	WMCL CBRL	31-Jul-2000	23-Aug-2016	A	6,400	0
1244384	Ermatinger	224	14	WMCL CBRL	31-Jul-2000	23-Aug-2016	A	5,600	0
1244385	Ermatinger	240	15	WMCL CBRL	31-Jul-2000	23-Aug-2016	A	6,000	0
1244386	Ermatinger	192	12	WMCL CBRL	31-Jul-2000	23-Aug-2016	A	4,800	0
1244387	Ermatinger	224	14	WMCL CBRL	31-Jul-2000	23-Aug-2016	A	5,600	0

Table 2: Ermatinger CBA Property Mining Lease Status

Pin #	Descriptiopn	Township	Area (ha)	Rights Held	Holder	Renewal Date	Lease Number	Work ($) Reserve
73356-0001	S630298	Ermatinger	12.02	MSR	CBRL	31-May-2033	109419	0
73356-0002	S630294	Ermatinger	24.53	MSR	CBRL	31-May-2033	109417	0
73356-0003	S630295	Ermatinger	25.59	MRO	CBRL	31-May-2033	109418	0

Table 3: Ministic Lake Property Claim Status

Claim Number	Township	Area (ha)	Units	Holder	Recorded Date	Work Due Date	Status	Work ($) Required	Work ($) Reserve
1199058	Cascaden	112	7	WMCL	13-Mar-2002	13-Mar-2017	A	2,800	0
1199059	Cascaden	48	3	WMCL	06-Mar-2002	06-Mar-2017	A	1,200	0
1229362	Cascaden	256	16	WMCL	29-Oct-1998	29-Oct-2017	A	6,400	0
1244715	Cascaden	160	10	WMCL	10-May-2000	10-May-2017	A	4,000	0
1244716	Cascaden	32	2	WMCL	10-May-2000	10-May-2017	A	800	0
1244717	Cascaden	112	7	WMCL	10-May-2000	10-May-2017	A	2,800	0
1244718	Ermatinger	176	11	WMCL	10-May-2000	10-May-2017	A	4,400	3,999
1244719	Ermatinger	144	9	WMCL	10-May-2000	10-May-2017	A	3,600	3,999

3 - Accessibility and Physiography

The Ermatinger CBA and Ministic Lake Properties are approximately 45 kilometers from the City of Greater Sudbury downtown. The property is accessible by a combination of primary and secondary paved roads, gravel-topped roads, logging roads, ATV trails, and lastly on foot. From Sudbury, take Highway 17 West and turn north onto Highway 144. Follow Highway 144 for about 50 km, passing through the towns of Chelmsford and Dowling. Turn left onto Old Cartier Road at the Windy Lake Motel keep right and continue west to the Fox Lake Road turn off (Figure 1). Embarking from the Fox Lake Road / Old Cartier Road junction and following the OFSC trail south to Ministic Lake allows ATV access to the northwest portion of the property. Access to the northeastern portions of the property can be attained from the trails that lead west from the Ministic Lake Road. Access to the properties is also easily gained by boat. Boat access may be achieved by launching from either of two public boat launches along the Ministic Lake Road. Land uses on the Ministic Lake include recreational activities (hunting, fishing, canoeing, and cottages), mineral exploration and forestry.

The area has a temperate climate with average temperatures ranging from 25°C in summer to -18° C in winter. The average annual precipitation is 634 mm of rain and 268 cm of snow.

The topography and relief in the map area is regarded as moderate with rolling hills and locally extensive Pleistocene cover in the form of glacial till and boulder fields covering areas with little topographic relief that are characteristic of shield areas underlain largely by granitic rocks. The elevation ranges from 360m to 420m above sea level with numerous lineament controlled valleys. The altitudes of three major lakes in the area are between 370 m and 380 m above sea level. Drainage in the area is prominently lineament controlled. Most of the streams trend southeasterly. Vegetation occurs in the form of mixed forests with old growth white and red pine stands dominating areas of good outcrop exposure and poplar and alder stands occurring in areas overlain by glacial till. Locally, black spruce and tag alder swamps occur in low-lying areas. Overall, outcrop exposure on the properties ranges from 1-25% and is typically dependent on topographic relief and is typically more abundant on the south sides of hills.

4 - Mapping Program

No detailed mapping was performed in 2015. However, one (1) day was spent by a two (2) person crew on claim 1244718 prospecting on July 27th, 2015. No outcrops were mapped or samples taken due to the entire area being located on a low-lying peninsula in Ministic Lake (Figure 2) that proved to be all muskeg and swamp with no outcrop.

5 - Geophysics

Crone Geophysics & Exploration Limited was contracted by Wallbridge Mining Inc. to conduct one Surface Pulse Electromagnetic (PEM) Survey on their Ermatinger and Trill West properties (Figure 3), carried out between February 7th and March 4th, 2015. No significant anomalies were detected.

The grid consisted of thirteen (13) survey lines, ranging from 450 to 1400 metres long (most are 1200 to 1300 metres long) and totalling 17.70 line kilometres and utilizing three (3) transmitting loops, northern (700 x 1400 metres), middle (800 x 1800 metres), southern (700 x 900 metres). No significant anomalies were discovered. See full Crone reports in Appendix B of this report which contains page size plan maps and PEM profiles of the survey.

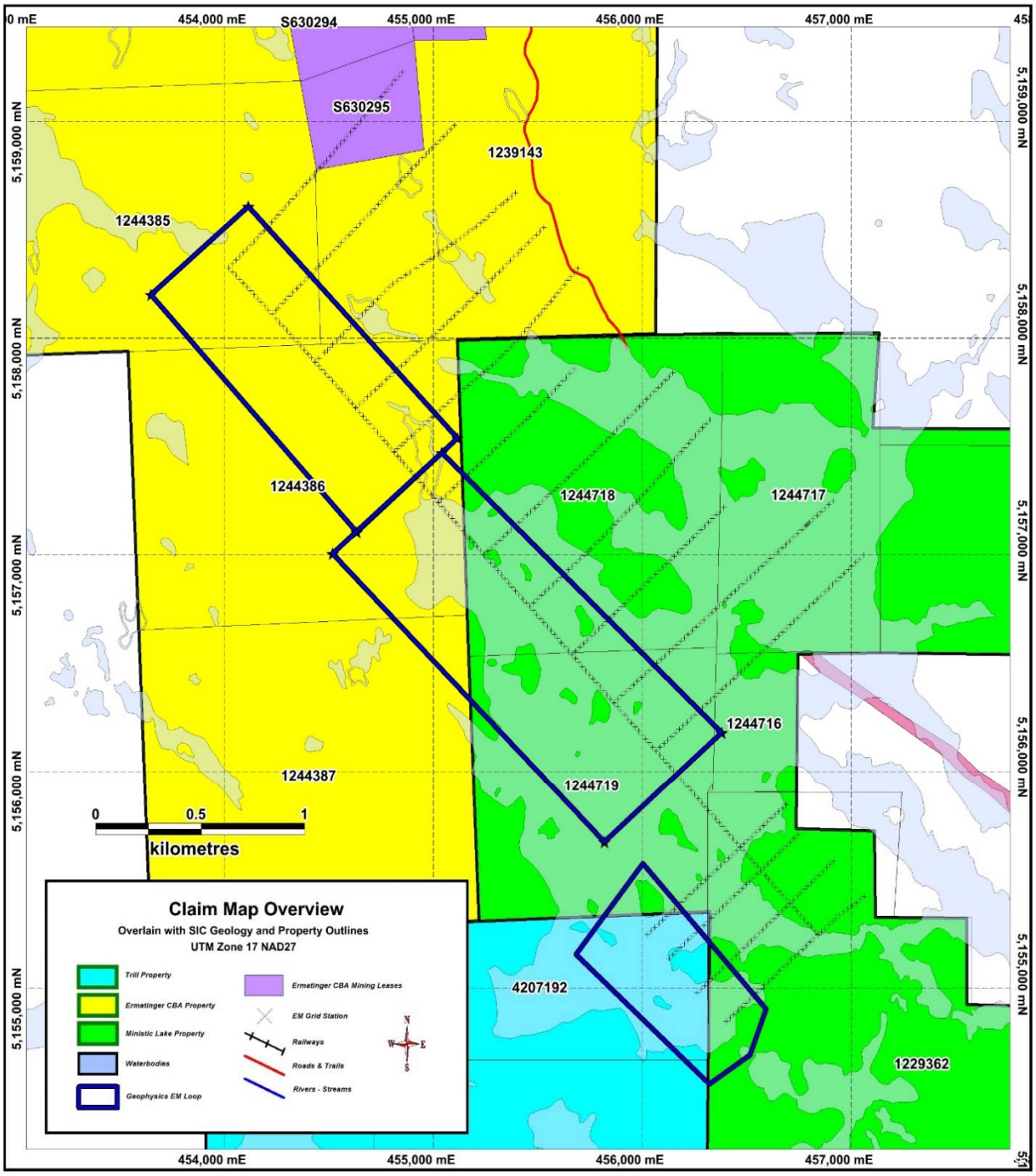

Figure 3: Surface EM survey cut grid lines location map with associated claims.

6 - Drilling

One (1) diamond drill hole (WML-013) totalling 137.07m was completed by Jacob & Samuel Drilling Ltd of Sudbury, Ontario on the Ministic Property (claim 1244719) during the 2015 exploration season between January 13th and January 23rd, 2015. The hole was drilled in a remote location that required drill pad construction and helicopter support for mobilization, drilling and demobilization. The hole was logged and interpreted by a qualified geologist who produced a drill log using GEOVIA GEMS-Logger program. See, Appendix E1 for full detailed logs and associated assay depths. This hole targeted favourable geology as well as geophysical anomalies identified by exploration work performed in 2014 as well as in past years. Collar survey and header information of the drill hole is presented in Table 4, and the drill hole location is shown on Figure 4 and Appendix A. The drill hole collar location was surveyed by Wallbridge technicians using a differential GPS (DGPS). A total of 3 samples were taken from drill core and assayed (see Appendix E2 for full assay certificates) by ALS Chemex Ltd of North Vancouver, British Columbia along with an additional 2 samples (1 standard and 1 blank) for quality control.

Table 4: 2015 Ministic Lake Drilling Collar Location and Header Summary

Hole ID	UTM NAD27 East	UTM NAD27 North	Azimuth	Dip	Length (meters)	Start Date	Finish Date
WML-013	455334	5155470	245	-50	137.07	Jan 16th 2015	Jan 20th 2016

While core logging, the responsible geologist will assess areas of interesting geology or mineralization and mark out samples, no longer than 1.5 meters in length each to be cut. A Wallbridge technician will take the core and cut it in half longitudinally, removing one half of the core to be sent for assay, while leaving the other half as a representative section in the box. The standards used for QA/QC are a commercial standard prepared by either Geoscience Laboratories or CF Reference Materials, are homogenized, laboratory prepared powdered batches with a known appreciable metal content containing Cu, Ni, Pt, Pd, Au, Ag and others while the “blanks” are pieces of barren quartzite with no major metal or oxide content.

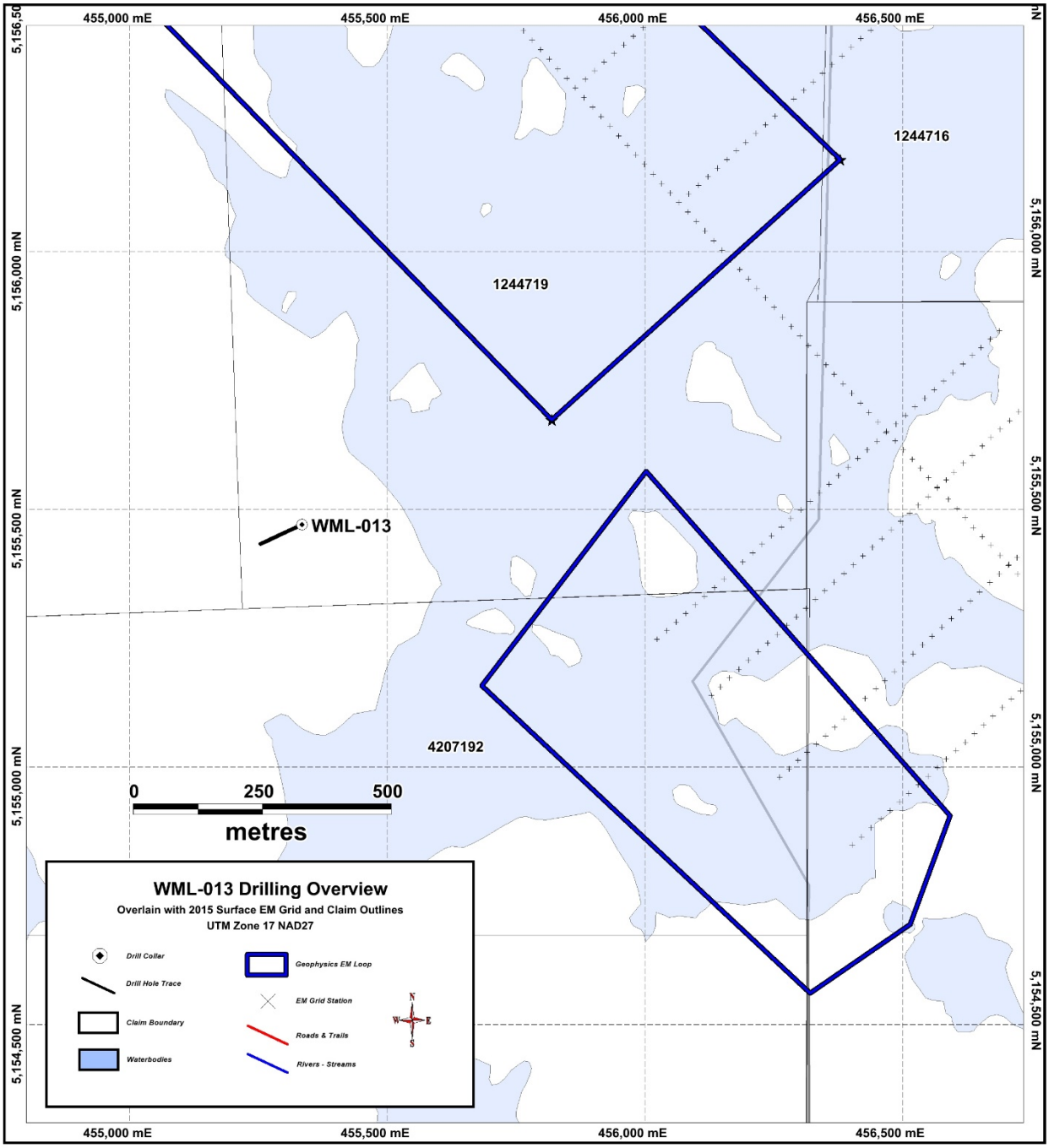

Figure 4: WML-013 Drill Plan Map

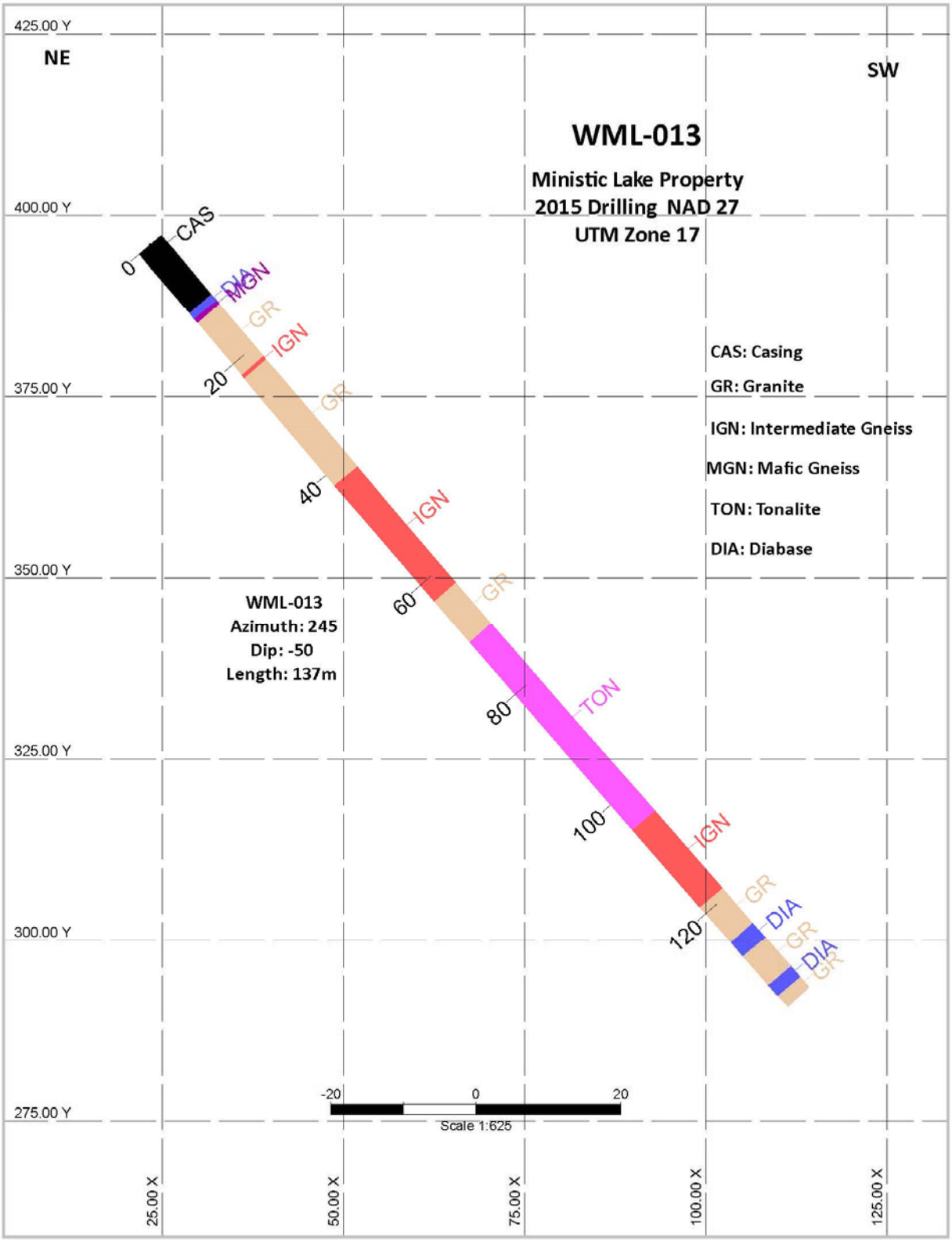

Figure 5: WML-013 Drill Section

7 - Regional Geologic Setting

The Sudbury area hosts one of the most prolific Ni-Cu-PGE mining camps in the world. Sudbury geology is unique – the ore deposits are associated with the Sudbury Igneous Complex (SIC) and related rocks, which record what is generally accepted as a major, mid- Proterozoic meteorite impact event which occurred 1.85 billion years ago (Ga). Despite over one hundred years of academic and industry scrutiny, many aspects of Sudbury ore deposit geology are still disputed and significant new discoveries continue to be made.

Current exploration focuses on the SIC and related footwall rocks. The Sudbury Structure is located at the junction of the Superior and Southern Provinces of the Canadian Shield. The Superior Province is of Archean age, about 2.7 Ga in the Sudbury area. Paleoproterozoic sedimentary and volcanic rocks of the Huronian Supergroup were deposited unconformably on Archean basement in an elongate belt and were subsequently intruded by sill-like Nipissing gabbros. After metamorphism and folding during the Penokean Orogeny, this belt formed the Southern Province along the southern margin of the Superior Province. At ~ 1.85 Ga, the SIC was superimposed on Archean and Huronian rocks. The SIC is located about 10 km north of the ~1 Ga Grenville Front

The SIC straddles an unconformity between gneisses and granitoid plutons of the Archean Superior Province and overlying Huronian supracrustal rocks of the Paleoproterozoic Southern Province. It is geographically divided into the North, South, and East Ranges. It defines what is now considered as a deformed, deeply eroded, melt- and sediment-filled meteorite impact crater (the Sudbury Basin) and its surrounding brecciated target rocks. The oval-shaped crater remnant has dimensions of 60 km in a northeast direction and 27 km in a northwest direction. The brecciated footwall rocks of the SIC extend for 70 to 80 kilometers beyond the crater remnant. All pre-SIC rocks are cut by varying quantities of Sudbury Breccia.

Sudbury Breccia consists of rounded and milled, millimeter to hundred meter sized fragments of country rock within a fine-grained, variably cataclastic to igneous (recrystallized) matrix. Small veinlets of Sudbury Breccia occur throughout nearly every earlier lithology in the footwall environment. Generally, it is only distinguished as a distinct, lithological unit when the Sudbury Breccia matrix accounts for greater than 15 volume percent of the rock. Concentrations of Sudbury Breccia often occur along pre-existing structures and weaknesses in the Archean and Paleoproterozoic footwall rocks; such as along the contact between rock types of contrasting competencies. It is commonly found along the margins of diabase dykes. Trace

pyrite is common within the Sudbury Breccia matrix, particularly when it occurs in the surrounding rocks and dominant fragment types. Background precious metal concentrations in Sudbury Breccia are typically below the limits of detection for standard assay or ICP analysis.

The crater fill consists of the Sudbury Igneous Complex (SIC), and sedimentary rocks of the Whitewater Group.

The SIC consists of a discontinuous, variably mineralized, basal Sublayer unit lying along the crater wall, Offset dykes intruded for up to tens of kilometers into the underlying brecciated country rocks, and the overlying so-called Main Mass units of Mafic Norite, Felsic Norite, Quartz Gabbro and Granophyre. The formation of the SIC as a superheated meteorite impact melt sheet that was heavily contaminated by crustal rocks is strongly supported by contemporary research although other theories have been postulated in the past. At its base, the SIC intrudes brecciated rocks of the crater wall. At its top, the SIC intrudes the Onaping Formation of the Whitewater Group.

The Whitewater Group consists, from bottom to top, of the Onaping, Onwatin, and Chelmsford Formations. The Onaping Formation is a poorly stratified 1600 m thick unit of breccia, interpreted as fallback breccia following the impact event. The Onwatin Formation is several hundred meters thick and has been interpreted as a deepwater, black, graphitic slate. The uppermost formation, the Chelmsford, is a shallow water turbidite. No Whitewater Group sedimentary rocks have been found beyond the Sudbury Structure.

8 - Property Geology

The Ministic Lake and Ermatinger CBA properties are located on the northwestern edge of the North Range of the Sudbury Structure, ranging from 1-6 and 5-11 kilometers, respectively from the SIC contact. The area is dominated by the Archean Cartier Batholith which, in this area, consists dominantly of weakly foliated granodiorite to granite (~2640 Ma) and contains inclusions of gneissic material that probably correlate with the Levack Gneiss Complex.

The properties host mafic/ultramafic intrusions. The rock unit has been describe as a pyroxenite as the majority of the outcrop mapped consists of coarse grained, equigranular, equant, dark green fresh rock that appear to be composed of pyroxene. The age of the pyroxenite is constrained by fragments of it

within the 1.85 Ga Sudbury Breccia and chilled contacts with the 2.64 Ga granitic pluton host rock. Compared to the geochemistry of other mafic rocks from this area it is most similar to the rocks generated from the SIC. This unit also has characteristically high back ground nickel (up to 1120 ppm), chromium (up to 1690ppm) and magnesium (up to 20% MgO) concentrations relative to other mafic intrusion common to this area.

Paleoproterozoic Matachewan diabase dykes (2473 +16/-9 Ma and 2446 ±3 Ma; Heaman, 1997), Nipissing mafic intrusive suite (2210-2217 Ma; Corfu and Andrews, 1986; Noble and Lightfoot, 1992; Buchan et al., 1998) and post-SIC northwest-southeast trending Sudbury Olivine Diabase dykes cross-cut the Cartier Batholith.

Wallbridge mapping has also determined that Sudbury Breccia occurs along magnetic lows throughout the Properties. 2007 mapping outlined an N-S trending breccia zone for over 1.3 kilometers. The apparent thickness of the breccia zone is usually around 20 meters, but in the northern portion one section is up to 100 meters wide.

Wallbridge has traced the Ministic Offset dyke for approximately 2.3 km on the Ministic Lake Property. In general, the quartz diorite has been described as massive, medium grained, dark grey 10 meters to 30 meters wide. No alteration has been noted along the dyke's granite contacts, but a possible narrow chill margin has been observed at quartz diorite diabase contacts. Within the property there are no known significant sulfide or inclusion concentrations associated with the Offset dyke.

Post-SIC Sudbury Olivine Diabase dykes also traverse the properties with a northwest-southeast trend. These diabase dykes, consist of plagioclase, pyroxene, and opaque oxides (magnetite and ilmenite), can have 0.1 – 1% sulfide (dominantly pyrite, but can also have trace chalcopyrite), and where visible, have chilled margins. The olivine diabase dykes are equigranular, medium- to coarse-grained, are comprised of the same minerals as the other dykes and generally contain olivine. These dykes can be strongly altered (are rusty brown to mottled grey on weathered surfaces compared to fresh surfaces that are reddish brown to unaltered light grey), and typically have a moderate magnetism. The area is dominated by strongly deformed, amphibolite facies, neo- to meso-archean (2.5 to 3.4 Ga) massive foliated granodiorite to granite, with local Paleoproterozoic Matachewan diabase dyke segments (2473 +16/-9 Ma and 2446 ±3 Ma; Heaman, 1997) cutting the granites.

Sudbury Breccia, a pseudotachylite created from the shock wave associated with the 1850 Ma Sudbury Event, occurs as irregular veins and belts in the footwall rocks of the SIC.

The regional bedrock geology compilation put out by the Geological Survey of Canada (Open File 4570) indicates that the claims are dominantly underlain by the neo- to meso-archean (2.5 to 3.4 Ga) massive foliated granodiorite to granite and tonalite- to granodiorite- gneiss of the Levack Gneiss Complex with minor constituents of mafic to felsic/granitic gneiss portions as well (Ames et al., 2005). Several larger bodies of (2219 Ma) Nipissing diabase sills as well as Paleoproterozoic sediments underlay the properties (Ames et al., 2005). The local geology of the properties is dominated by neo- to meso-archean (2.5 to 3.4 Ga) massive foliated granodiorite to granite with lesser amounts of diabase (Nipissing and Matachewan) and Sudbury breccia throughout the entire claims. Pleistocene glaciation removed soil from local topographic highs and filled topographic lows with unconsolidated glacio-fluvial sediments.

Lithology Descriptions

Granodiorite to Granite

Early Felsic plutonic Archean rocks of the Levack Gneiss Complex are the most abundant lithology outcropping in the area. These metamorphic rocks contain locally strong foliation with variable orientations.

Levack Gneiss

Archean rocks of the Levack Gneiss Complex are the most abundant lithology outcropping in the area. These metamorphic rocks vary in composition from felsic to mafic, and contain locally strong gneissosity with variable orientations. Felsic gneisses are most common, especially on claim 1214648, and contain medium to coarse-grained feldspars, quartz, micas, and other minor phases. Mafic gneisses are less abundant, confined to the western portion of claim 1246290, and are more fine-grained and contain predominantly amphiboles and dark micas. Locally felsic and mafic gneisses are interlayered.

Matachewan Diabase

Mafic dikes, found on both claims, exhibit fine- to coarse-grained plagioclase phenocrysts, indicative to the Matachewan Diabase dike swarm. These rocks are typically weakly magnetic, fine-grained, and

contain trace disseminated pyrite. Inferred strike of dikes, based on local contact relationships, is roughly NE-SW.

Nipissing Diabase

Mafic dikes, found on both claims, exhibit fine- to coarse-grained habit with fine plagioclase. These rocks are typically weakly magnetic, fine-grained, and contain trace disseminated pyrite. The dikes trend in various directions and are most likely feeder systems for the larger gabbroic bodies in the area.

Sudbury Breccia

Sudbury Breccia is present locally in claim 4255392 forming an N-S trending zone where breccia appears along a Matachewan Diabase/granite contact. The breccia contains clasts of the host rocks, usually granite and diabase which are centimeter- to meter-sized. The clasts are supported in a fine-grained green matrix with concoidal fracturing habit. The matrix is quite glassy and homogeneous suggesting it has experienced very little heat-induced alteration after its formation. Locally the breccia matrix contains trace disseminated pyrite.

Quartz Diorite

Quartz Diorite (QD) dykes, which may be radiating or concentric around the contact of the SIC. Radiating dykes originate from embayment structures and may extend over 30 km into the footwall (e.g. Foy Offset Dyke). The relationship of concentric dykes to the so-called Main Mass of the SIC is uncertain.

9 - Mineralization

No new mineralization was encountered during mapping. However, two (2) small veins of massive pyrrhotite were discovered in drill hole WML-013 which was determined to be the cause of the geophysical anomaly which was targeted during drilling.

10 - Structures

The main structures on the properties are NNW-SSE and WSW-ENE major regional features. N-S trending cliff faces in the area are likely the result of normal faulting. Locally, geological contacts between mafic intrusions and the gneisses are present and typically trend NW-SE but also NE-SW.

11 - References

Ames, D.E., Buckle, J., Davidson, A., and Card, K., 2005, Sudbury bedrock compilation: Geological Survey of Canada, Open File No. 4570, geology, color map, and digital tables, scale 1:50,000.

Heaman, L.M., 1997, Global mafic magmatism at 2.45 Ga: remnants of an ancient large igneous province?: Geology, v. 25, p. 299–302.

Krogh, T.E., Davis, D.W., and Corfu, F., 1984, Precise U-Pb zircon and baddeleyite ages for the Sudbury Area: Ontario Geological Survey Special Volume 1, p. 431–446.

12 - Qualifications

I, Shannon Baird, do hereby certify that:

1. I reside at 116 Fourth Avenue, Sudbury, Ontario, Canada, P3B-3R8.

2. I graduated from Laurentian University (Sudbury, Ontario) in 2007 with a B.Sc. in Geology and in 2011 with a M.Sc. in Economic Geology and have been practicing my profession ever since.

3. I am currently employed as a Project Geologist with Wallbridge Mining Company Limited and Exploration Manager of Carube Copper Corp.

4. I am a current practicing registered professional geoscientist with APEGBC (registration #35744) as well as a registered, non-practicing member of APGO (registration #1953).

5. This technical report has been prepared by myself and other members of Wallbridge staff.

6. As an employee, and an insider, of Wallbridge Mining Company, I do not qualify as an independent Qualified Person.

Shannon Baird, M.Sc., P.Geo

APGO #1953 – APEGBC #35744

Wallbridge Mining Company Ltd.

129 Fielding Rd.

Lively, ON, P3Y 1L7

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Sudbury
Coniston
Wanup
Worthington
Whitefish
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Property Map Overview

Underlain with SIC Basin Outline and Cities
UTM Zone 17 NAD27

- *Ermatinger CBA Property*
- *Ministic Lake Property*
- *Waterbodies*
- *Cities*
- *Railways*
- *Major Roads*
- *Rivers*

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Claim Map Overview

Overlain with SIC Geology and Property Outlines
UTM Zone 17 NAD27

- *Trill Property*
- *Ermatinger CBA Property*
- *Ministic Lake Property*
- *Waterbodies*
- *Geophysics EM Loop*
- *Ermatinger CBA Mining Leases*
- *EM Grid Station*
- *Railways*
- *Roads & Trails*
- *Rivers - Streams*

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1244387
1244718
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Claim Map Overview

Overlain with SIC Geology and Property Outlines
UTM Zone 17 NAD27

- Trill Property
- Ermatinger CBA Property
- Ministic Lake Property
- Waterbodies
- Geophysics EM Loop
- Ermatinger CBA Mining Leases
- EM Grid Station
- Railways
- Roads & Trails
- Rivers - Streams

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WML-013
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500
metres

WML-013 Drilling Overview

Overlain with 2015 Surface EM Grid and Claim Outlines
UTM Zone 17 NAD27

- *Drill Collar*
- *Drill Hole Trace*
- *Claim Boundary*
- *Waterbodies*
- *Geophysics EM Loop*
- *EM Grid Station*
- *Roads & Trails*
- *Rivers - Streams*

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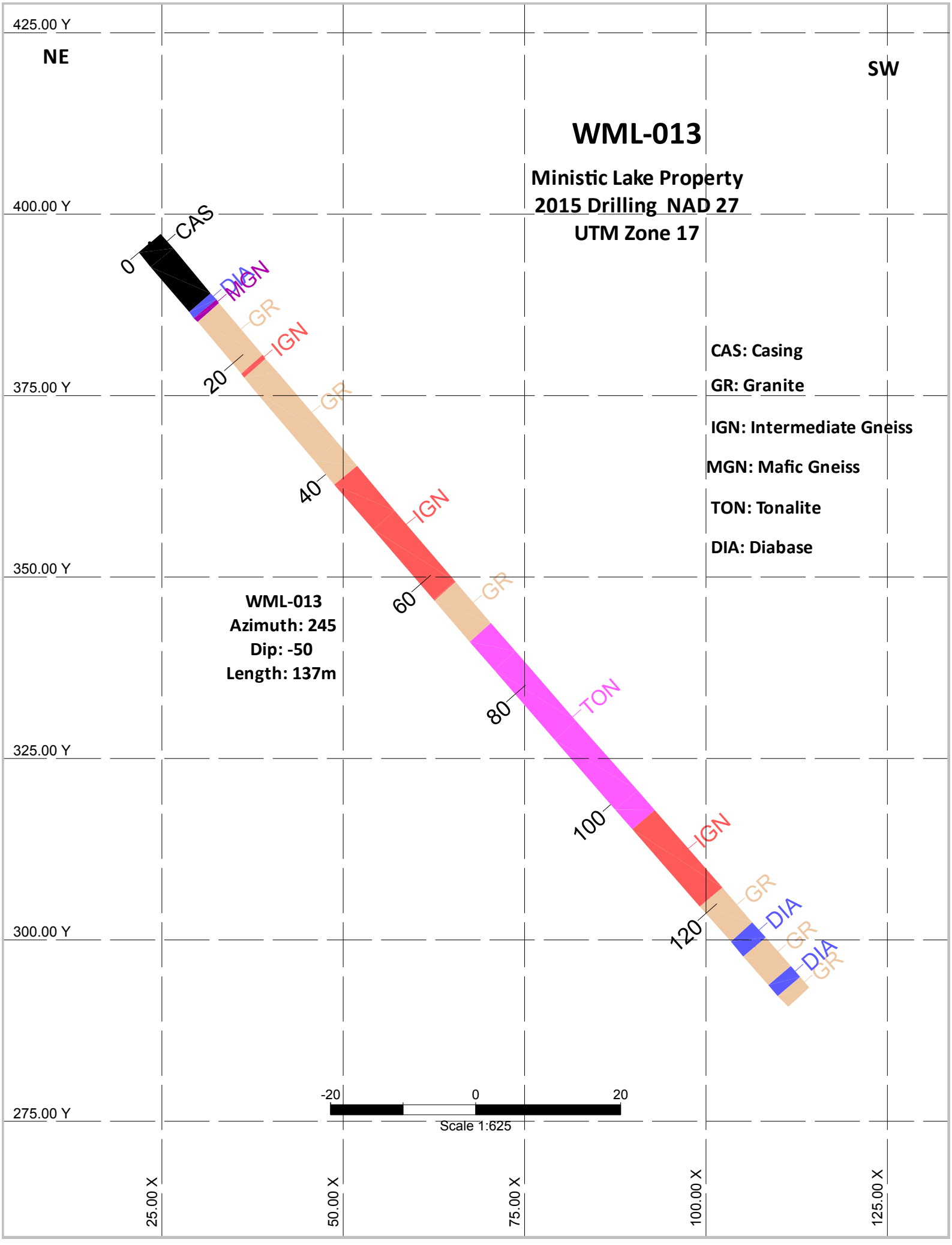
425.00 Y
NE
SW
WML-013
Ministic Lake Property
2015 Drilling NAD 27
UTM Zone 17
400.00 Y
CAS
0
DIA
MGN
GR
IGN
20
375.00 Y
GR
40
IGN
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GR: Granite
IGN: Intermediate Gneiss
MGN: Mafic Gneiss
TON: Tonalite
DIA: Diabase
350.00 Y
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Dip: -50
Length: 137m
60
GR
80
TON
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IGN
GR
120
DIA
GR
DIA
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50.00 X
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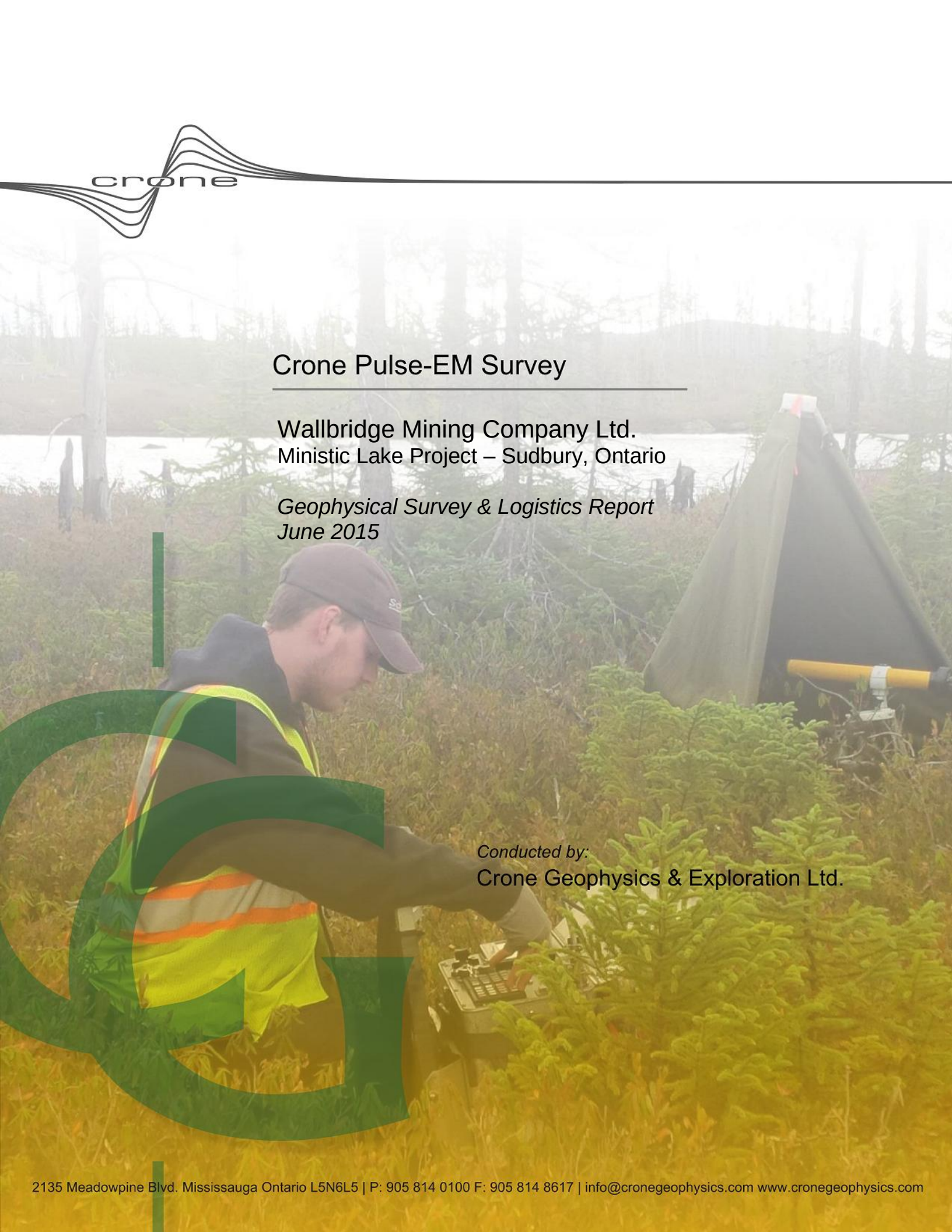
100.00 X
125.00 X



Crone Pulse-EM Survey

Wallbridge Mining Company Ltd.
Ministic Lake Project – Sudbury, Ontario

Geophysical Survey & Logistics Report
June 2015

Conducted by:
Crone Geophysics & Exploration Ltd.

2135 Meadowpine Blvd. Mississauga Ontario L5N6L5 | P: 905 814 0100 F: 905 814 8617 | info@cronegeophysics.com www.cronegeophysics.com

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Introduction

Crone Geophysics & Exploration Limited was contracted by Wallbridge Mining Company Ltd. to conduct Surface Pulse Electromagnetic Surveys on its Ministic Lake property located in Sudbury, Ontario. This report summarizes the geophysical work carried out during February 14th – March 4th, 2015.

Thirteen (13) surface lines utilizing three (3) transmitting loops were surveyed during this period. The appendices to this report contain page size plan maps, PEM profiles (linear 5-axis and logarithmic scale), and the Step response profiles.

Property Location & Access

Access to the Ministic property is easily attainable by boat as well as ATV. Boat access may be achieved by departing from either of two public boat launches along the Ministic Lake Road. Embarking from the Fox Lake Road / Old Cartier Road junction and following the OFSC trail south to Ministic Lake allows ATV access to the northwest portion of the property. Access to the northeastern portions of the property can be attained from the trails that lead west from the Ministic Lake Road (Figure 1).

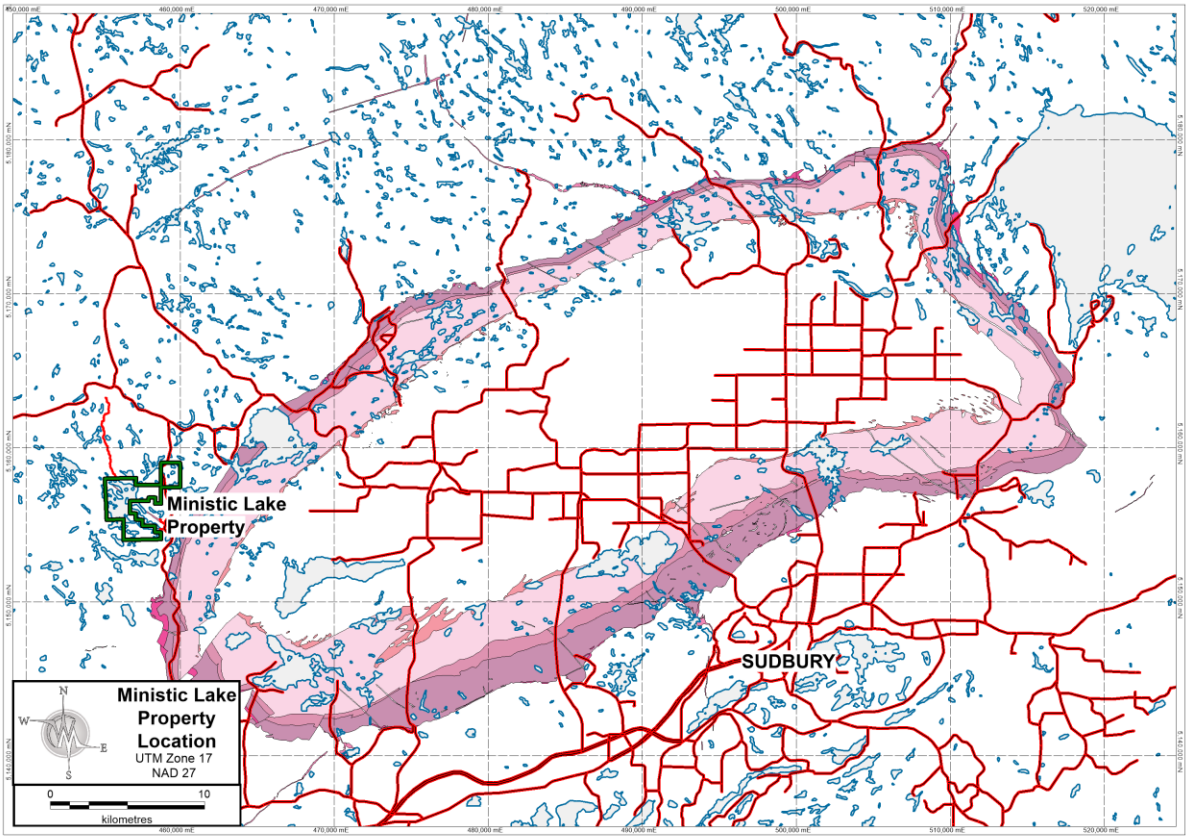


Figure 1: Location of the Ministic Lake property, northwest of Sudbury.

Personnel

The personnel involved in this project during the reporting period include:

Survey Operators: Scott Murray, Serge Timoshenko, Tristian Rice, Jess Meikle

Data Processing: Eric Meunier

Report: Eric Meunier

Equipment

Pulse-EM CDR2 Receiver

- 26-Bit equivalent A/D resolution
- Programmable gate configurations and optional full waveform
- Crone *Smartstacking* algorithm
- Sampling Rate: 250K samples/second | Sampling Interval: 4µsec
- Precision crystal oscillator or cable synchronization

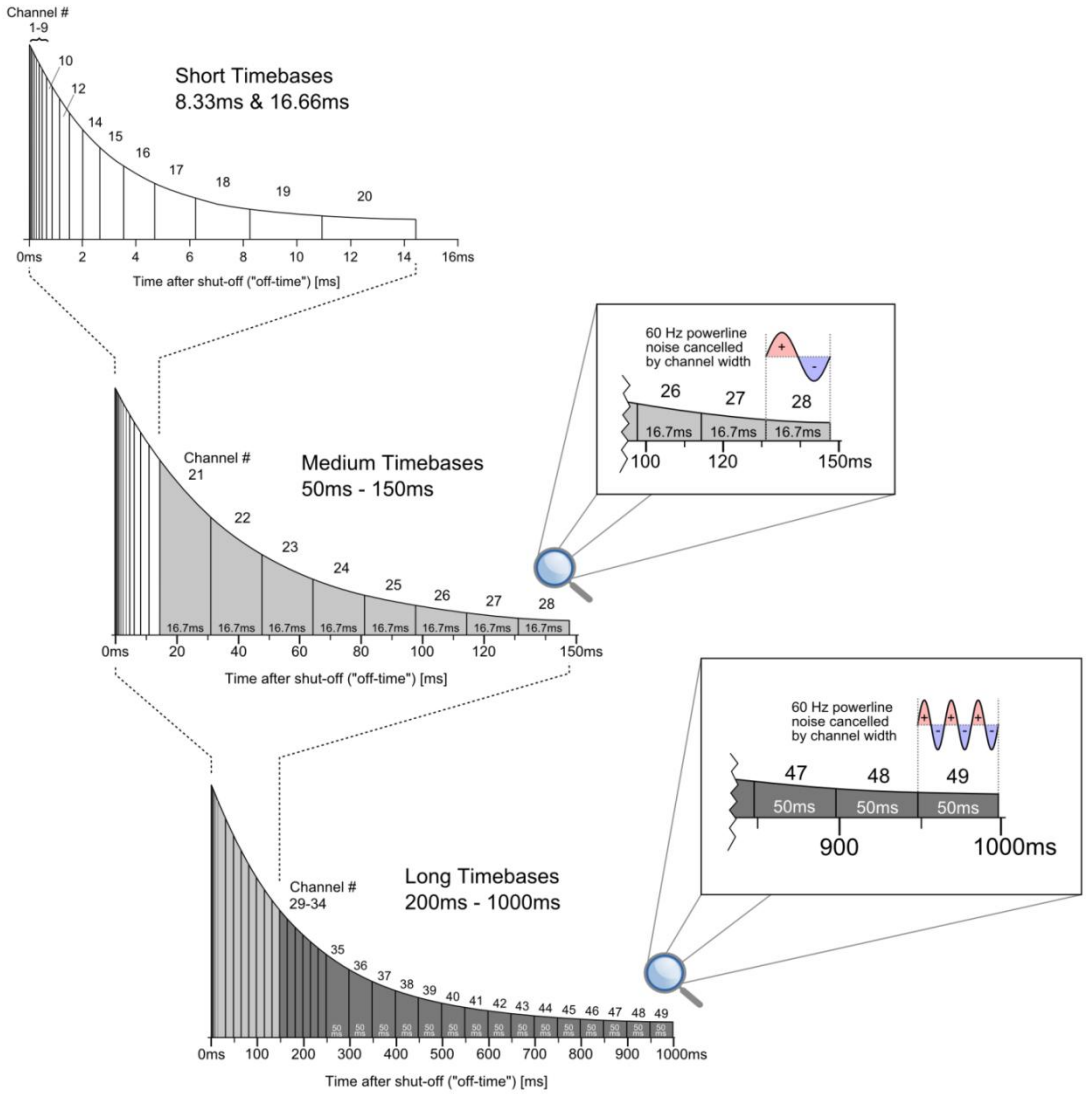


Figure 2: Standard Channel Configuration

Pulse-EM Transmitter

- 4.8kW for up to 30 amps in single or 60 amps in dual modes
- Timebases: 8.33ms to 2000ms
- Ramp Settings: Fast Ramp, 0.5ms, 1.0ms or 1.5ms
- Powered by Standard Motor Generator
- Current control and monitoring with optional loop damping
- Auto Shutdown and grounded case for safety

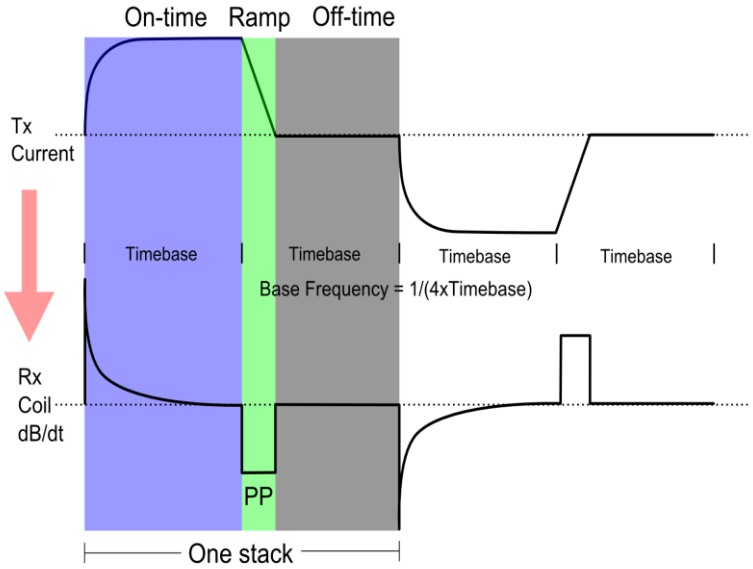


Figure 3: Standard Crone Pulse-EM Waveform

Survey Methods

Crone Pulse EM is a time domain electromagnetic method in which a precise pulse of current with a controlled linear shut off is transmitted through a large loop of wire on the ground and the rate of decay of the induced secondary field is measured across a series of time windows during the off-time. The EMF created by the shutting-off of the current induces eddy currents in nearby conductive material thus setting-up a secondary magnetic field. When the primary field is terminated, this magnetic field will

decay with time. The amplitude of the secondary field and the decay rate are dependent on the quality and size of the conductor.

In addition to measuring the standard Primary Pulse channel in the Tx shut-off ramp and the off-time channels, the Step Response was also be calculated. Step Response requires accurate geometrical control in which the loop position and the hole geometry are accurately determined. In the current surveys positional information was collected by Crone using a sub-meter capable GPS and regional base station. Positional information is provided in the UTM projection (Zone 17 North), utilizing the NAD27 datum.

The Step Response is widely regarded as a very important tool in the search for high conductance massive sulphides. Bill Ravenhurst shows the details of the Step Response transformation which is a unique feature of the Crone Pulse EM System (Ravenhurst, W. R., 2001).

The surface surveys were carried out using time base of 50.00 ms, with 1.5 ms shut-off ramp time (Appendix 1). The primary inducing field is defined as positive up inside the transmitter loop.

Data units are nT/s for the surface coil.

Data Acquisition Parameters

Table 1: Surface Survey Transmitter Loop Coverage

Tx Loop	Property	Size (meters)	Corner Coordinates UTM Zone 17N (NAD27)
NORTHERN	Ministic Lake	~ 1400 x 700	455114E, 5157537N 454108E, 5158604N 453654E, 5158199N 454636E, 5157067N
MIDDLE	Ministic Lake	~ 1800 x 800	454520E, 5157038N 455829E, 5155660N 456379E, 5156170N 455051E, 5157458N
SOUTHERN	Ministic Lake	~ 900 x 700	456003E, 5155574N 455682E, 5155157N 456327E, 5154562N 456592E, 5154900N

Table 2: Surface Survey Coverage

Line	TX loop	Timebase (ms)	Ramp (ms)	Off Time Channels	Current (Amps)	Station From	Station To	Length (m)	Comp
3850N	SOUTHERN	50.00	1.5	22	27	4400E	5300E	900	X,Z
4050N	SOUTHERN	50.00	1.5	22	27	4400E	5300E	900	X,Z
4250N	SOUTHERN	50.00	1.5	22	27	4400E	5250E	850	X,Z
4400N	SOUTHERN	50.00	1.5	22	27	4400E	5300E	900	X,Z
5000N	MIDDLE	50.00	1.5	22	22	5000E	6350E	1350	X,Z
5300N	MIDDLE	50.00	1.5	22	22	5000E	6400E	1400	X,Z
5600N	MIDDLE	50.00	1.5	22	22	5000E	6000E	1000	X,Z
5900N	MIDDLE	50.00	1.5	22	22	5000E	6200E	1250	X,Z
6875N	NORTHERN	50.00	1.5	22	22	5000E	6250E	1250	X,Z
7150N	NORTHERN	50.00	1.5	22	22	5000E	5450E	450	X,Z
7450N	NORTHERN	50.00	1.5	22	22	5350E	6250E	900	X,Z
7750N	NORTHERN	50.00	1.5	22	22	5000E	6250E	1250	X,Z
8050N	NORTHERN	50.00	1.5	22	22	5000E	6250E	1250	X,Z

Production Summary

Table 3: Production Summary

Date (d.m.y)	Type of Day	Comments
14.02.15	Survey	Surveyed lines 5900N and 5300N.
15.02.15	Survey	Surveyed line 5000N.
16.02.15	Survey	Surveyed line 5600N.
25.02.15	Survey	Partially surveyed lines 6875N, 7150N, and 7450N.
26.02.15	Survey	Completed surveying lines 6875N, 7150N, and 7450N. Partially surveyed line 7750N.
27.02.15	Survey	Completed surveying line 7750N. Partially surveyed line 8050N.
28.02.15	Survey	Completed surveying line 8050N.
01.03.15	Survey	Moved gear to survey site and laid the transmitter loop.
02.03.15	Survey	Surveyed line 4250N and 4400N. Partially surveyed lines 4050N and 3850N.
03.03.15	Survey	Completed surveying line 3850N.
04.03.15	Survey	Completed surveying line 4050N.

References

Ravenhurst, W. R., 2001, Step and impulse calculations from pulse-type electromagnetic data: 68th Ann. Internat. Mgt., Soc. Expl. Geophys., Extended Abstracts, 814-816.

Respectfully submitted,

Eric Meunier, M.Sc.

Project Geophysicist

Crone Geophysics & Exploration Ltd.

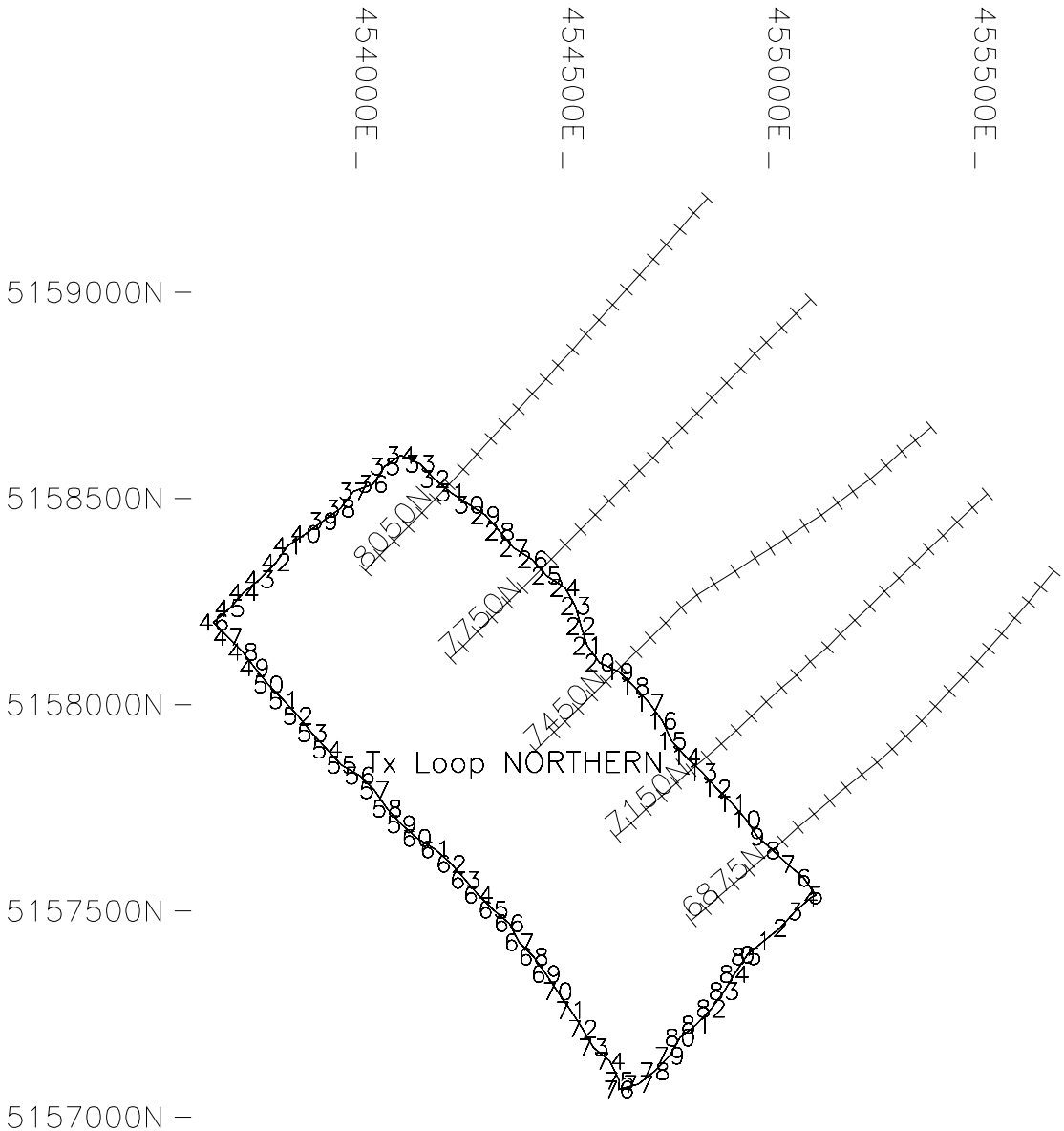
Appendix 1: Channel Configurations

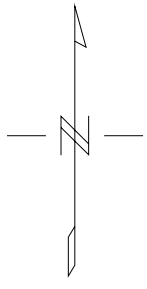
The following table's show the various time gates that constitute the channel configurations set up in the Crone PEM Receiver used in the surveys discussed in this report.

22-Channel Configuration for the 50.00 ms time base

Channel	Start	Finish	Channel	Start	Finish
PP	-0.0002	-0.0001			
1	4.8e-05	6.4e-05	**2**	6.4e-05	8.4e-05
3	8.4e-05	0.000112	**4**	0.000112	0.000152
5	0.000152	0.000204	**6**	0.000204	0.000268
7	0.000268	0.00036	**8**	0.00036	0.00048
9	0.00048	0.00064	**10**	0.00064	0.000848
11	0.000848	0.001128	**12**	0.001128	0.001496
13	0.001496	0.001992	**14**	0.001992	0.002644
15	0.002644	0.003512	**16**	0.003512	0.004664
17	0.004664	0.006192	**18**	0.006192	0.00822
19	0.00822	0.010916	**20**	0.010916	0.0144
21	0.0144	0.031068	**22**	0.031068	0.047736

Appendix 2: Profile Plan Maps





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250 0 250 500

(meters)

Wallbridge Mining Company Ltd.

Ministic Lake Property

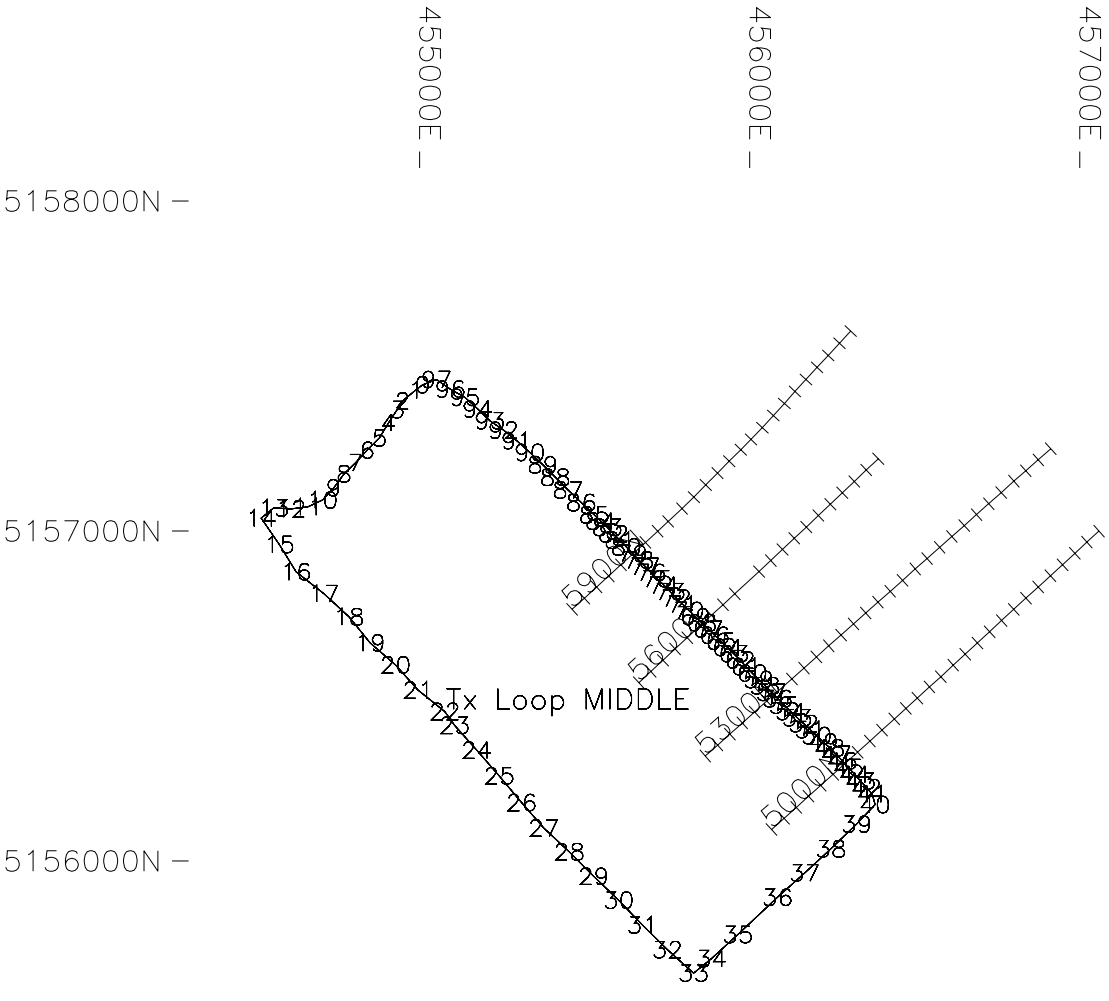
Surface Pulse EM Survey

Line & Loop Location Map

Loop: NORTHERN

Survey Date: February 25 - 28, 2015

Crone Geophysics & Exploration Ltd.



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(meters)

Wallbridge Mining Company Ltd.

Ministic Lake Property

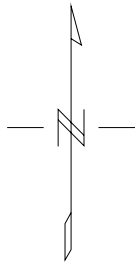
Surface Pulse EM Survey

Line & Loop Location Map

Loop MIDDLE

Survey Date: February 14 - February 16, 2015

Crone Geophysics & Exploration Ltd.



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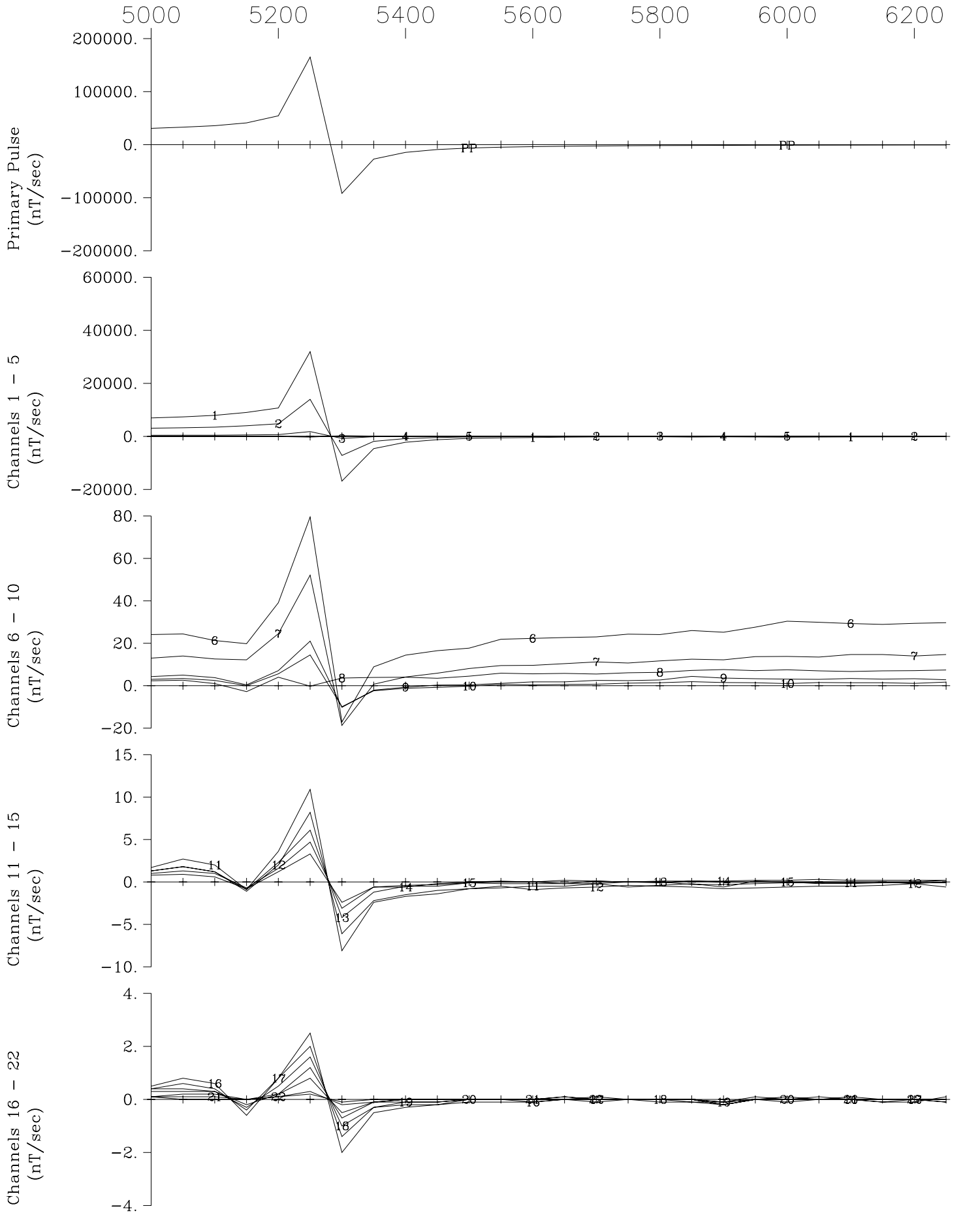
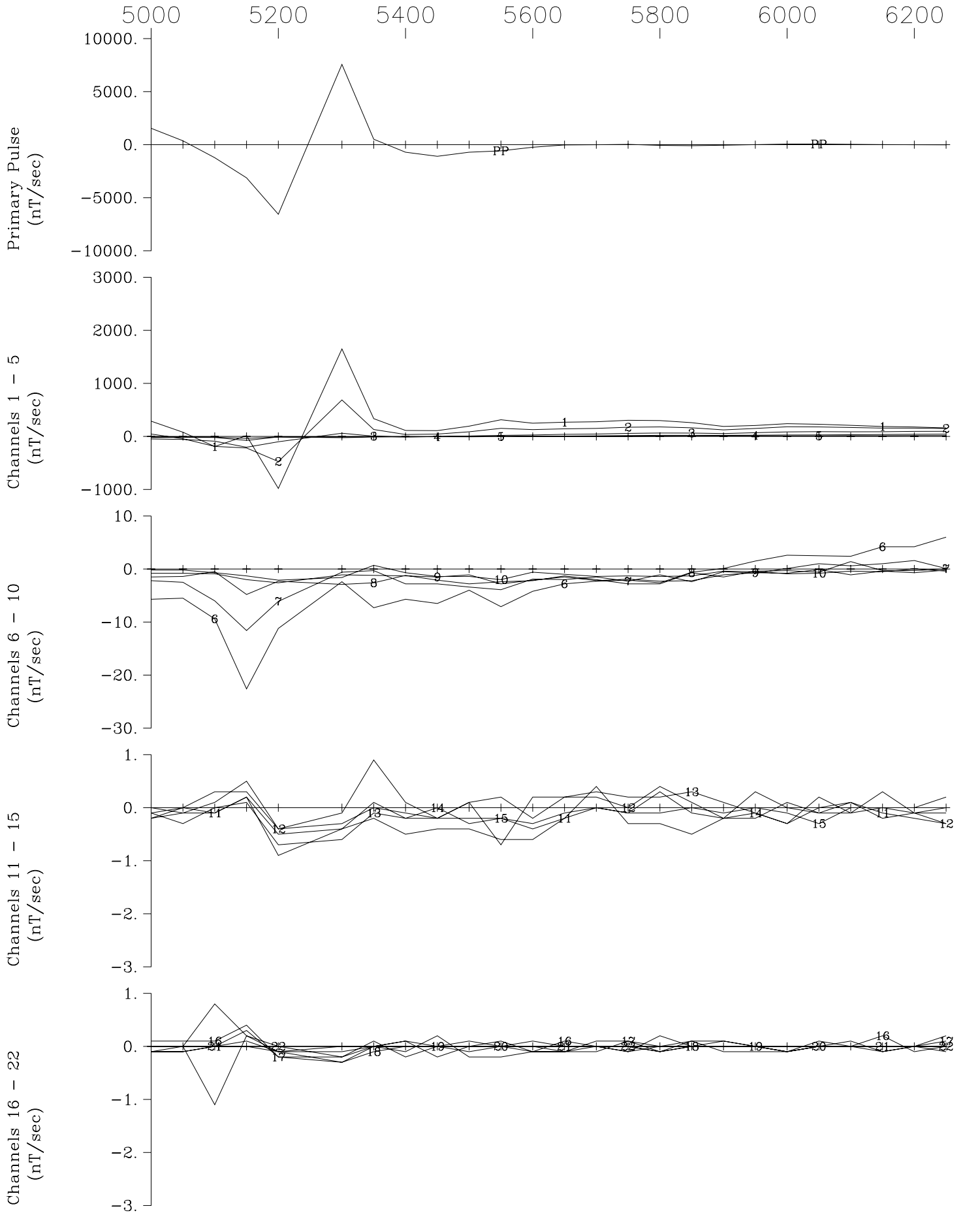
(meters)

Wallbridge Mining Company Ltd.
Ministic Lake Property
Surface Pulse EM Survey
Line & Loop Location Map
Loop SOUTHERN
Survey Date: March 1 - March 4, 2015
Crone Geophysics & Exploration Ltd.

Appendix 3: Linear (5-Axis) Pulse-EM Data Profiles



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 6875N Z Component
Crone Geophysics & Exploration Ltd.



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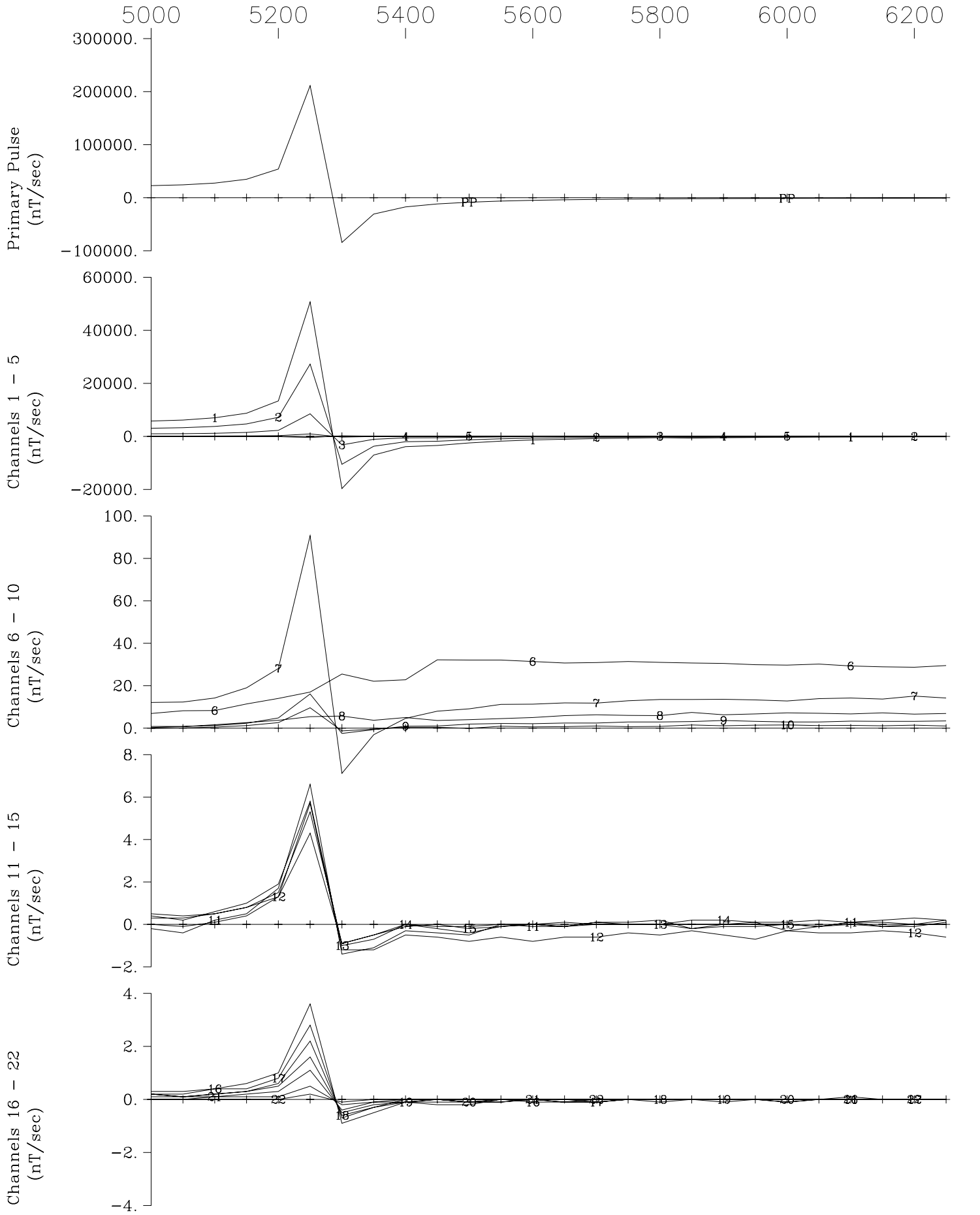
Loop NORTHERN, Line 6875N X Component
Crone Geophysics & Exploration Ltd.



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Loop NORTHERN, Line 7150N Z Component
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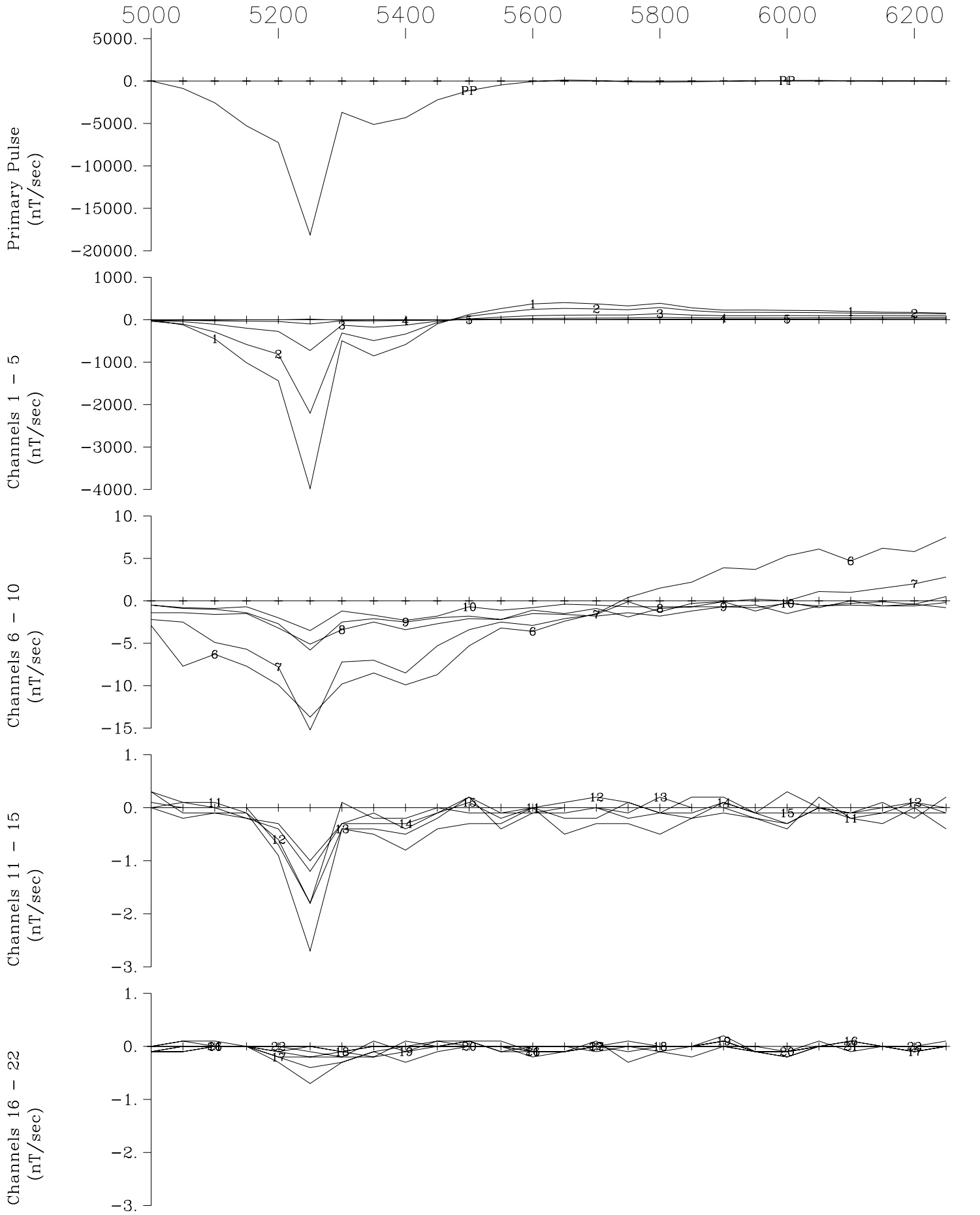

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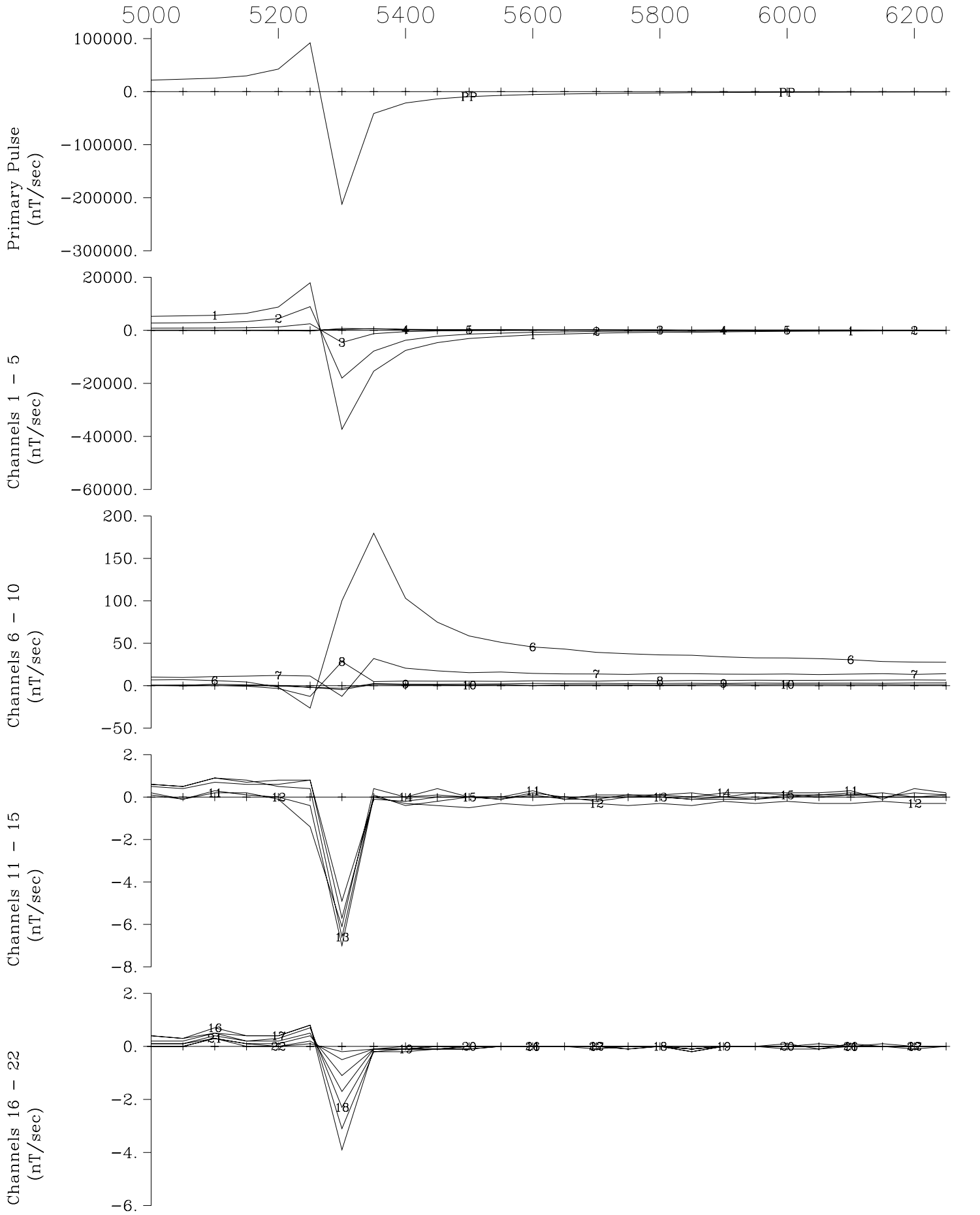

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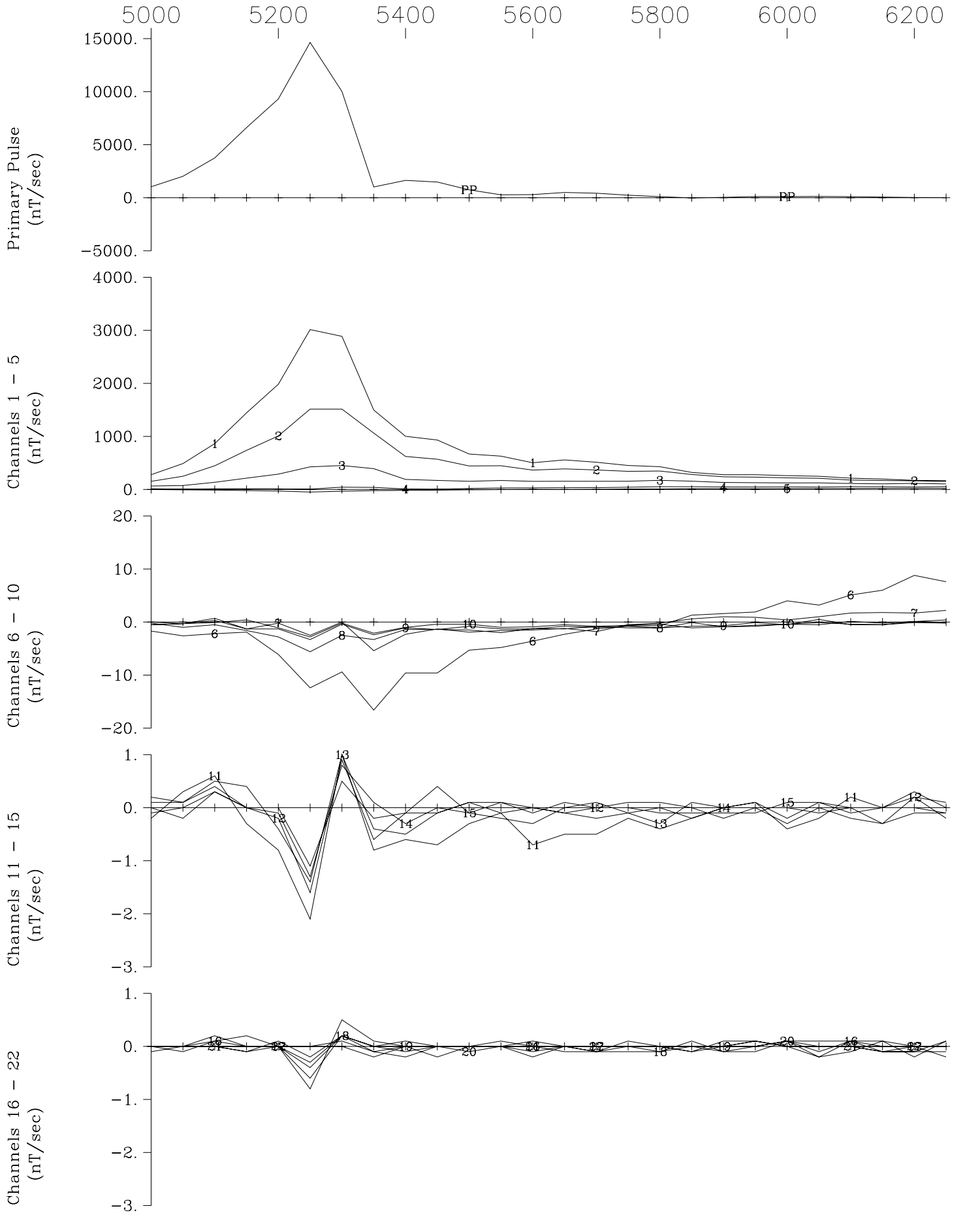

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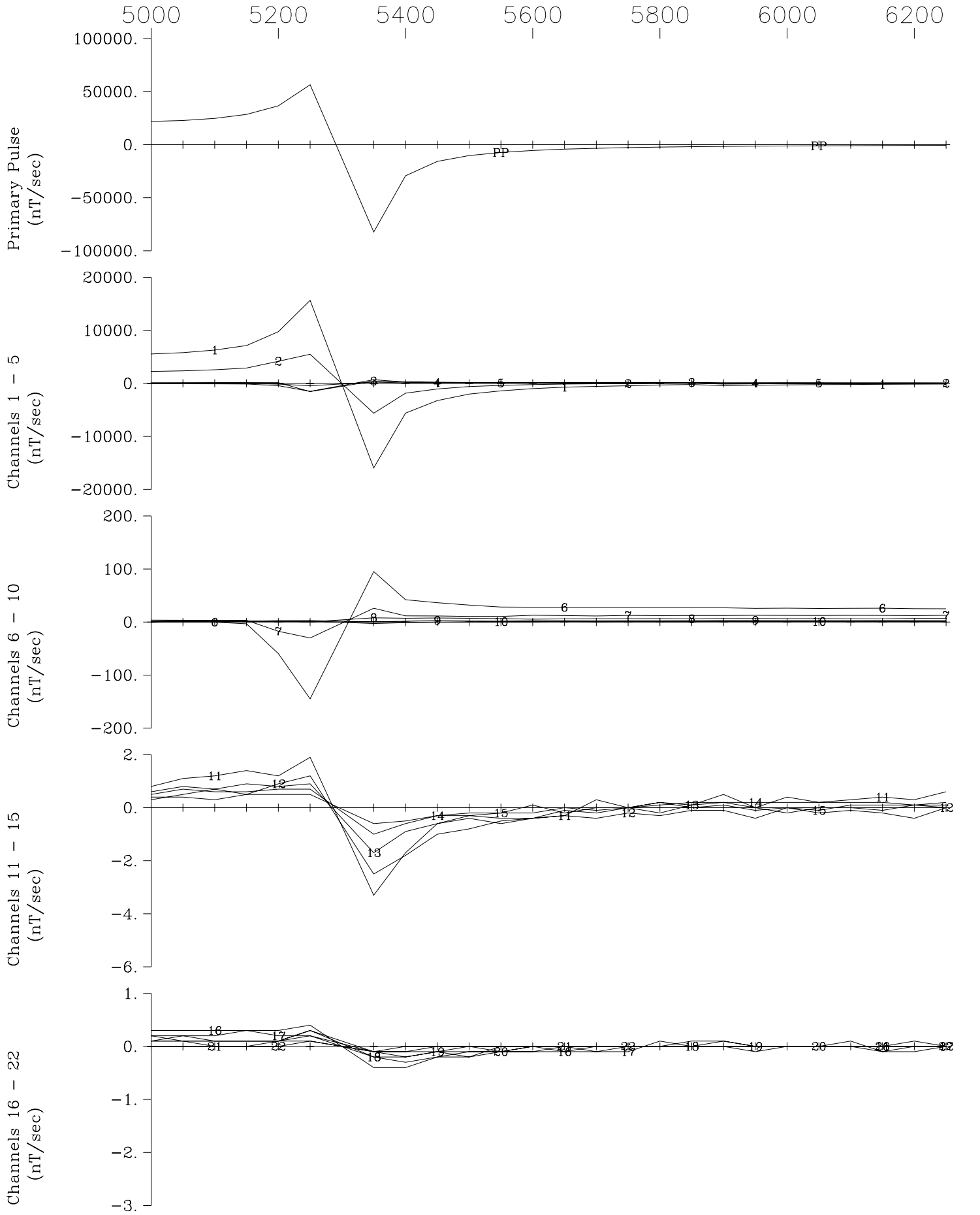

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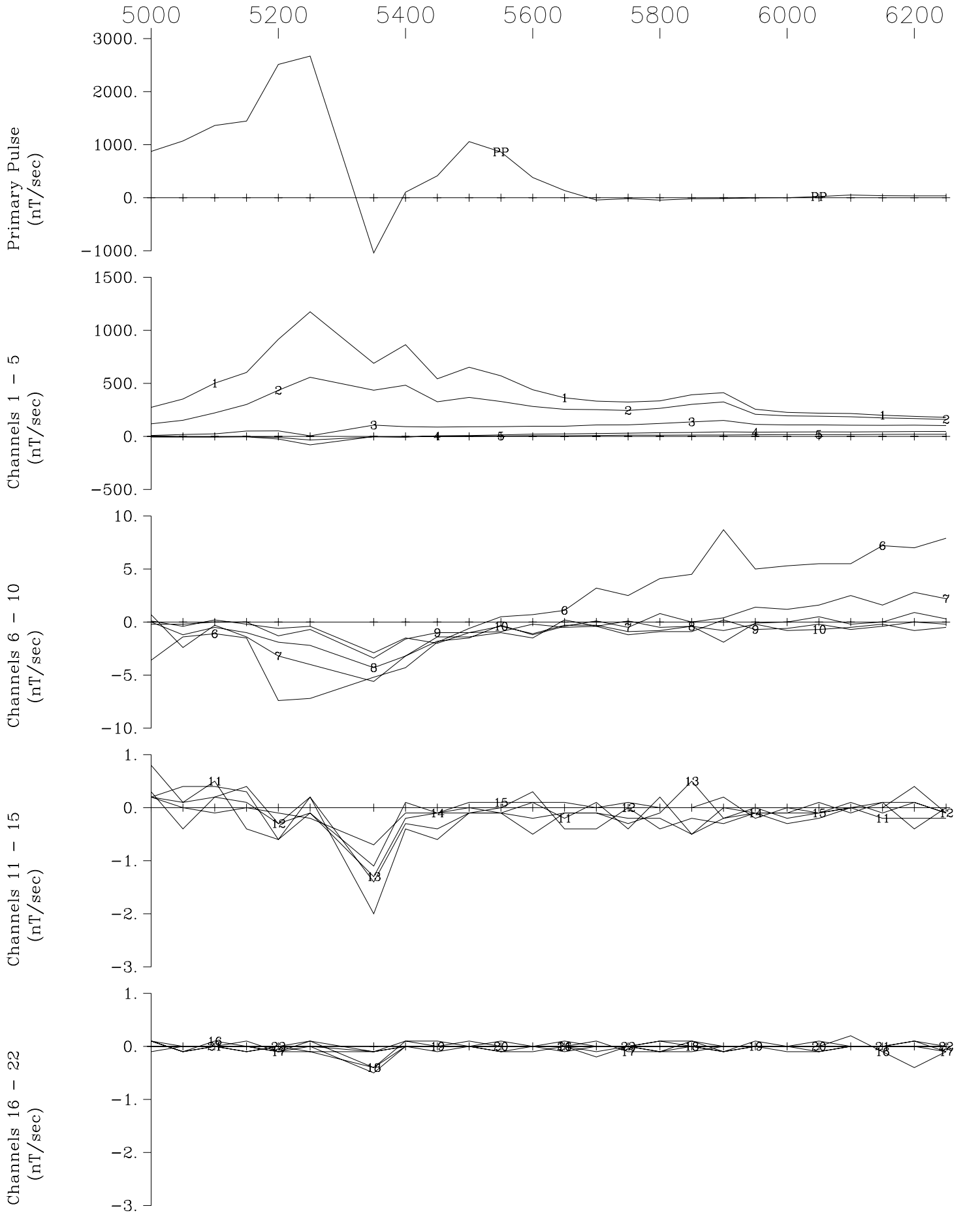

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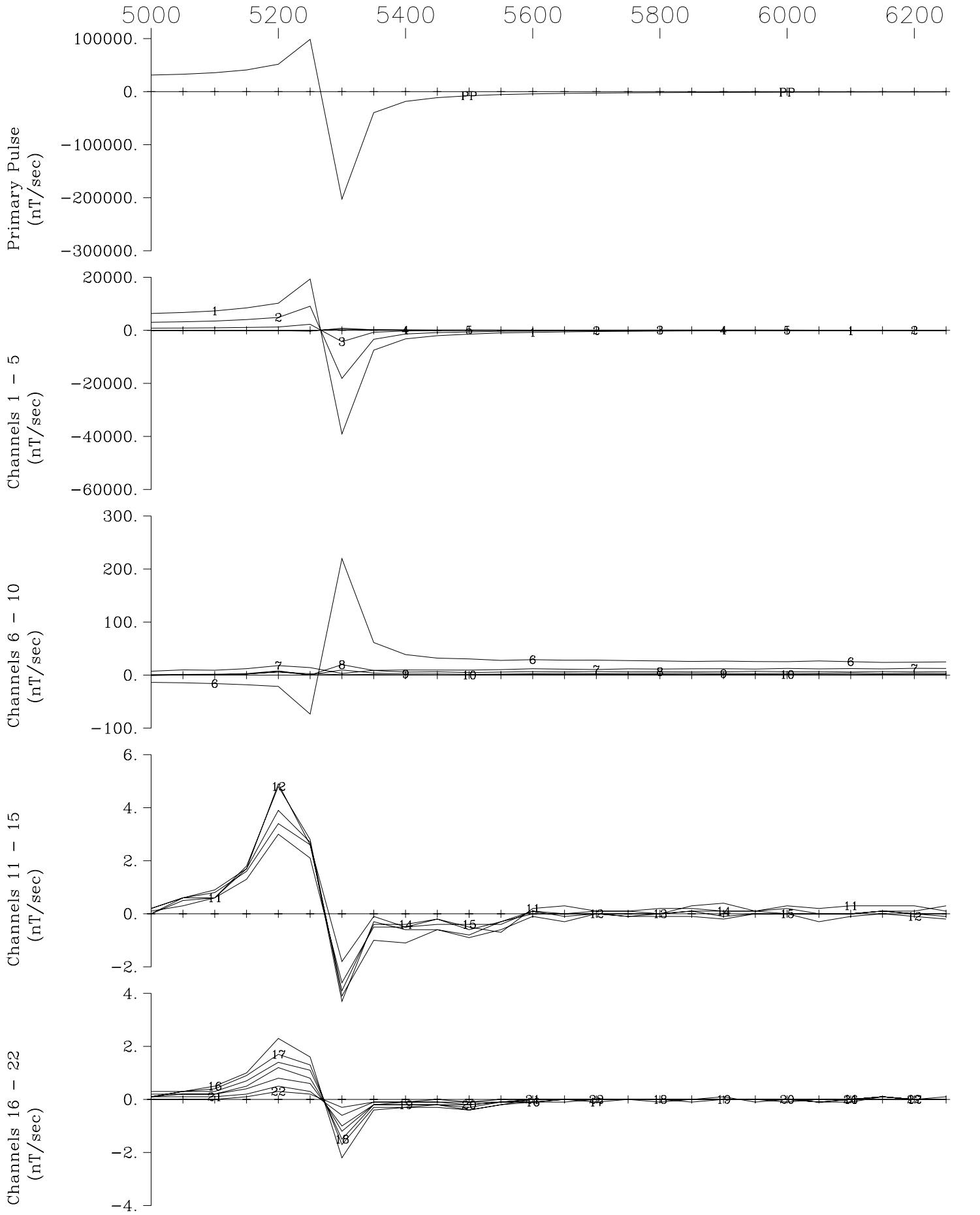
Loop NORTHERN, Line 7750N X Component
Crone Geophysics & Exploration Ltd.



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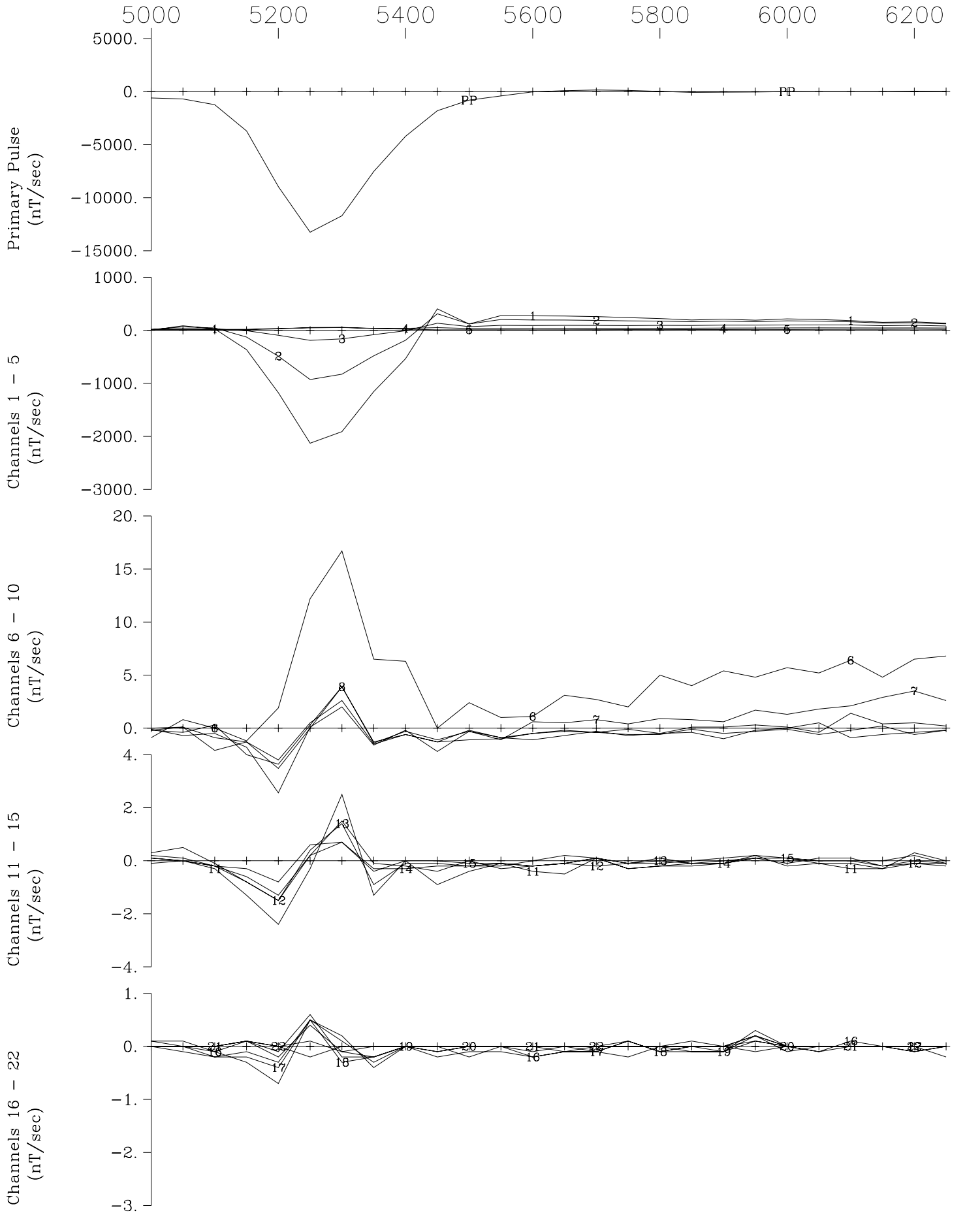

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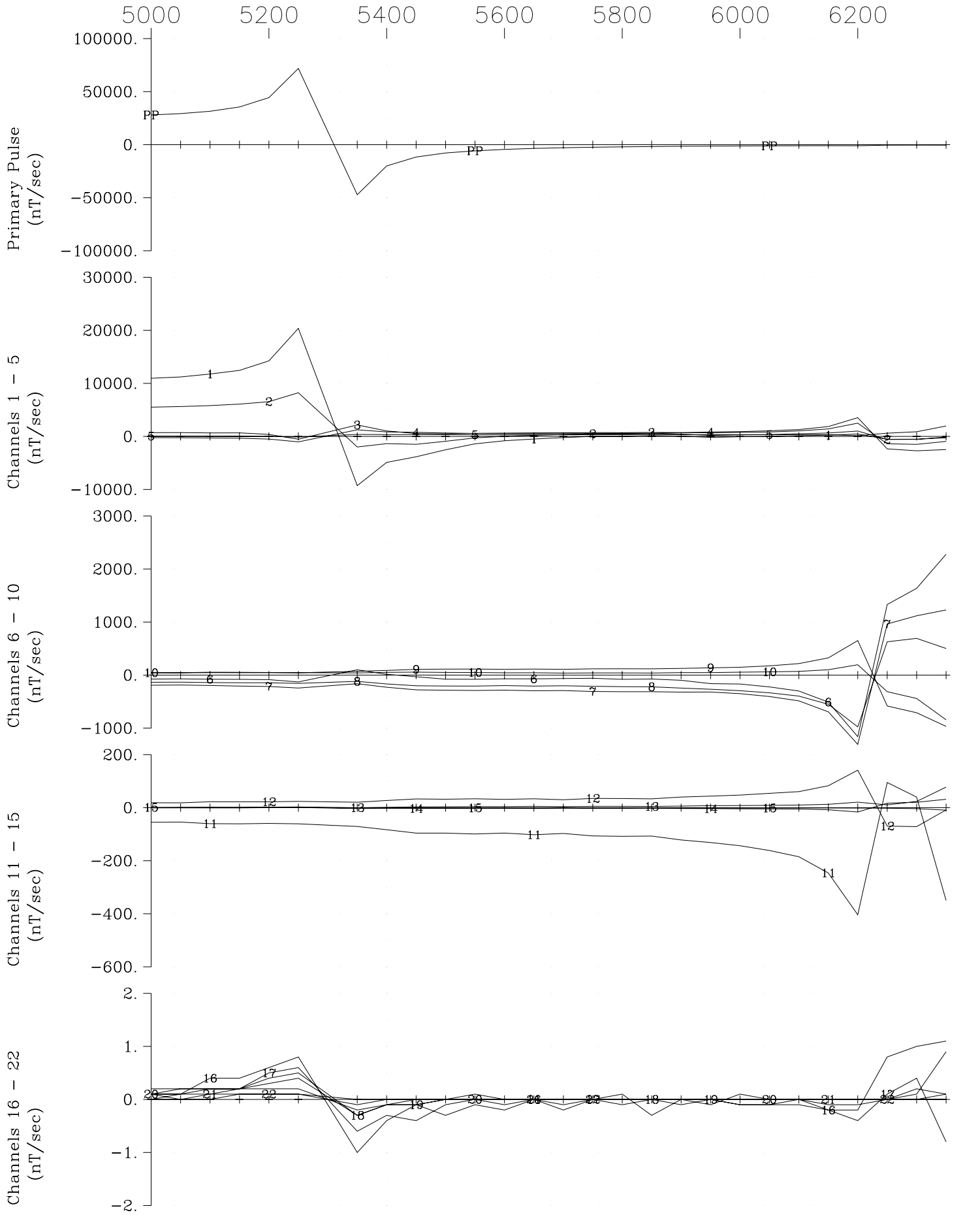
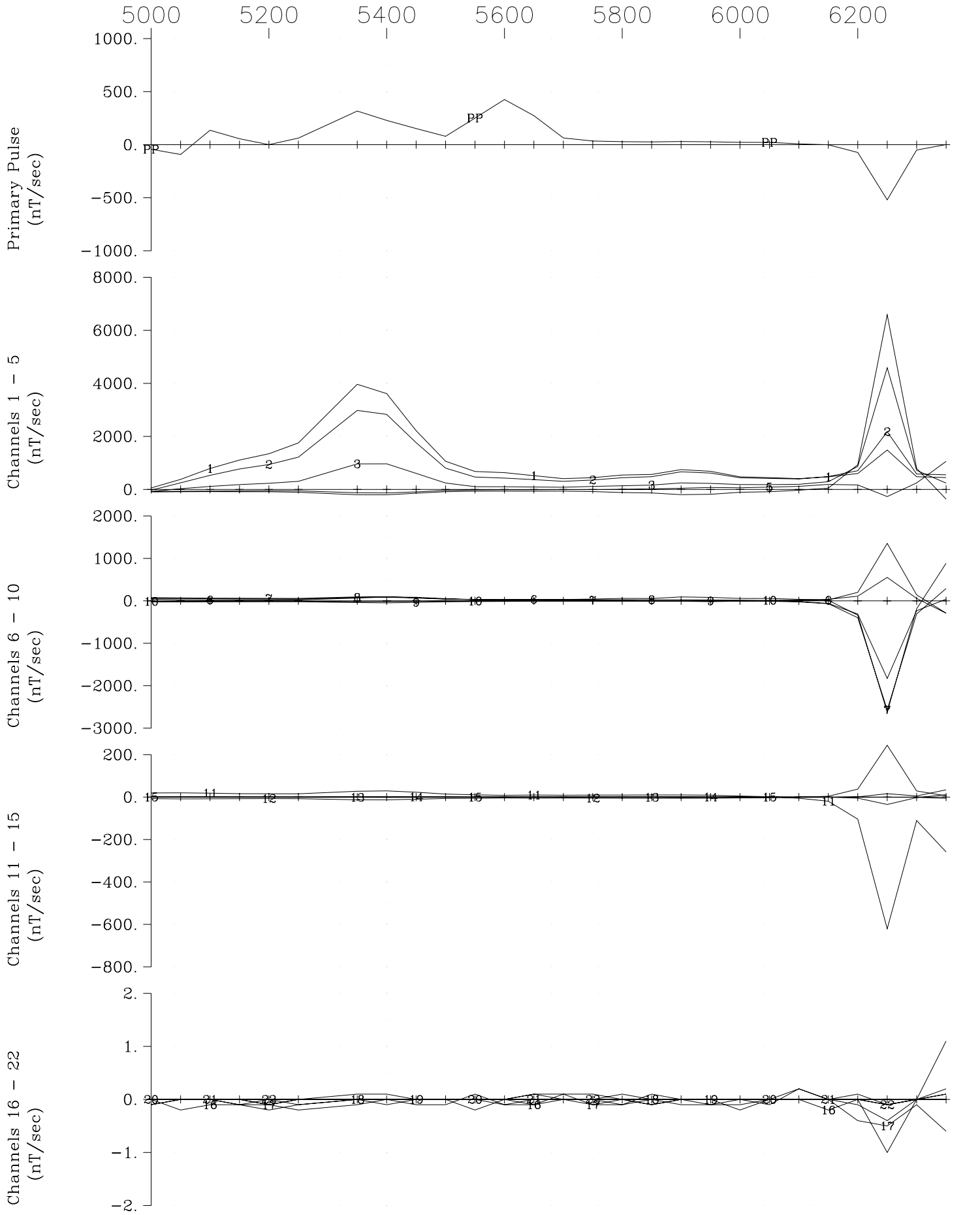


Wallbridge Mining Company Ltd. Ministic Lake Property

Loop MIDDLE Line 5000N Z Component

Crone Geophysics & Exploration Ltd.



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Loop MIDDLE Line 5000N X Component

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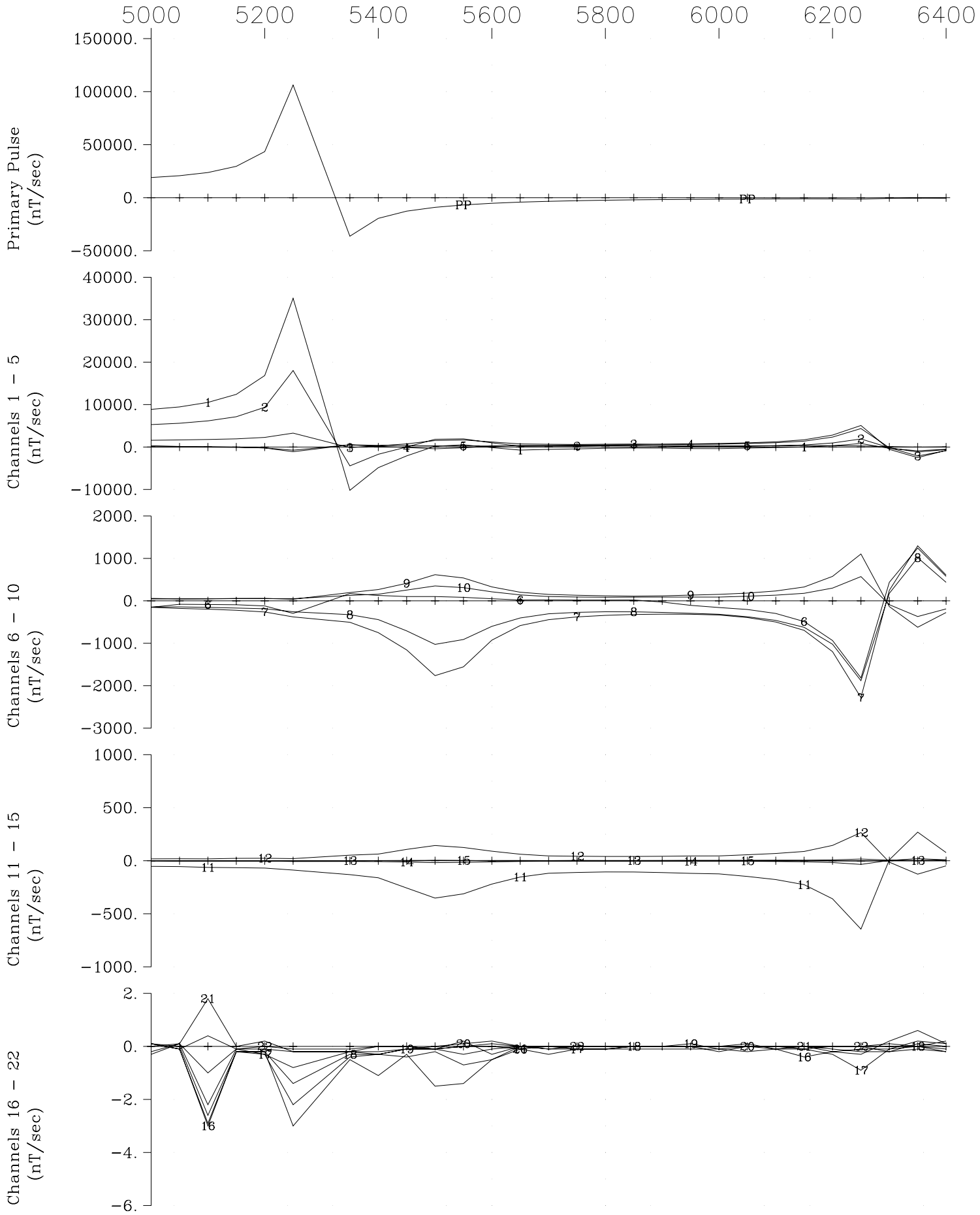

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Loop MIDDLE Line 5300N Z Component

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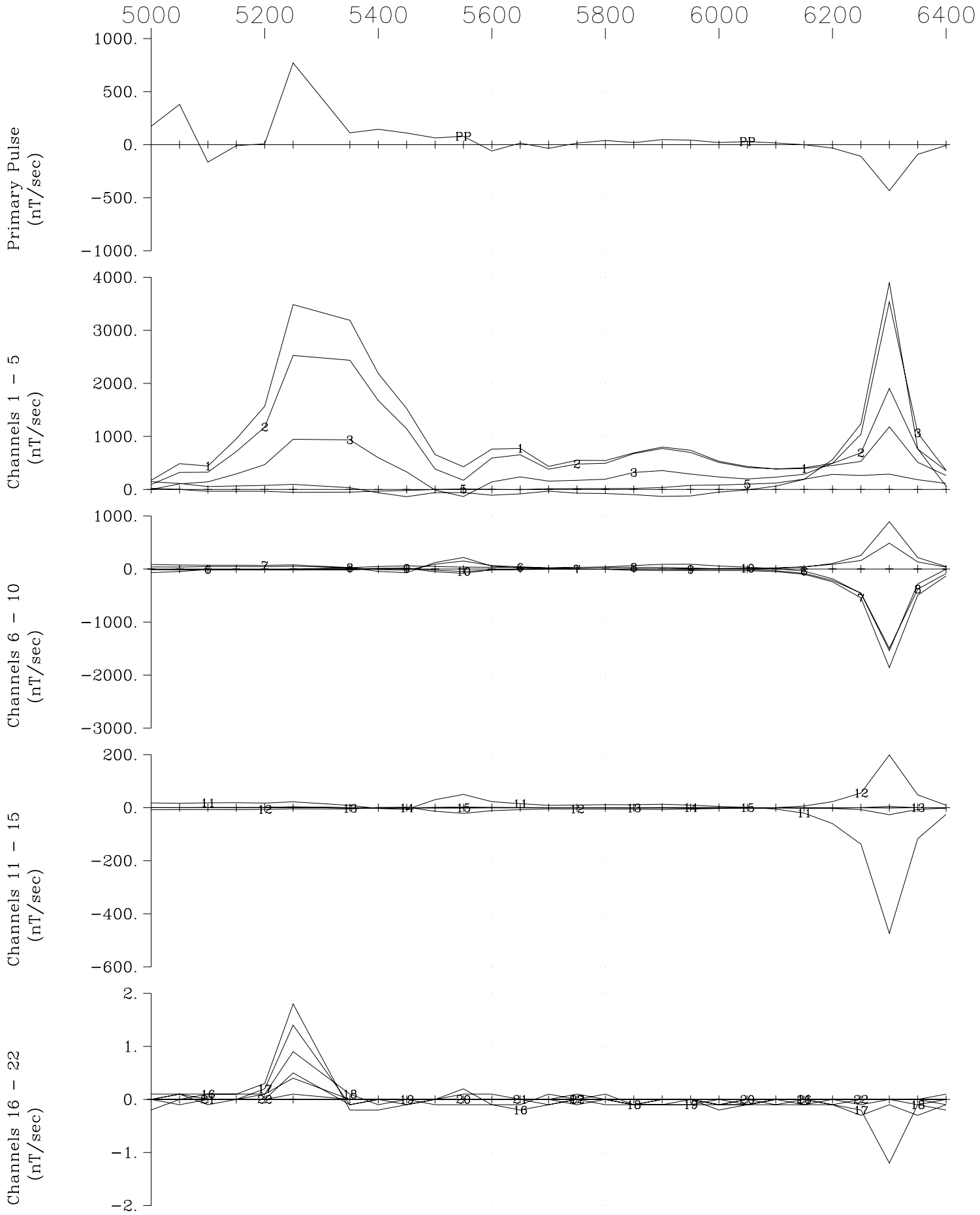

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Loop MIDDLE Line 5300N X Component
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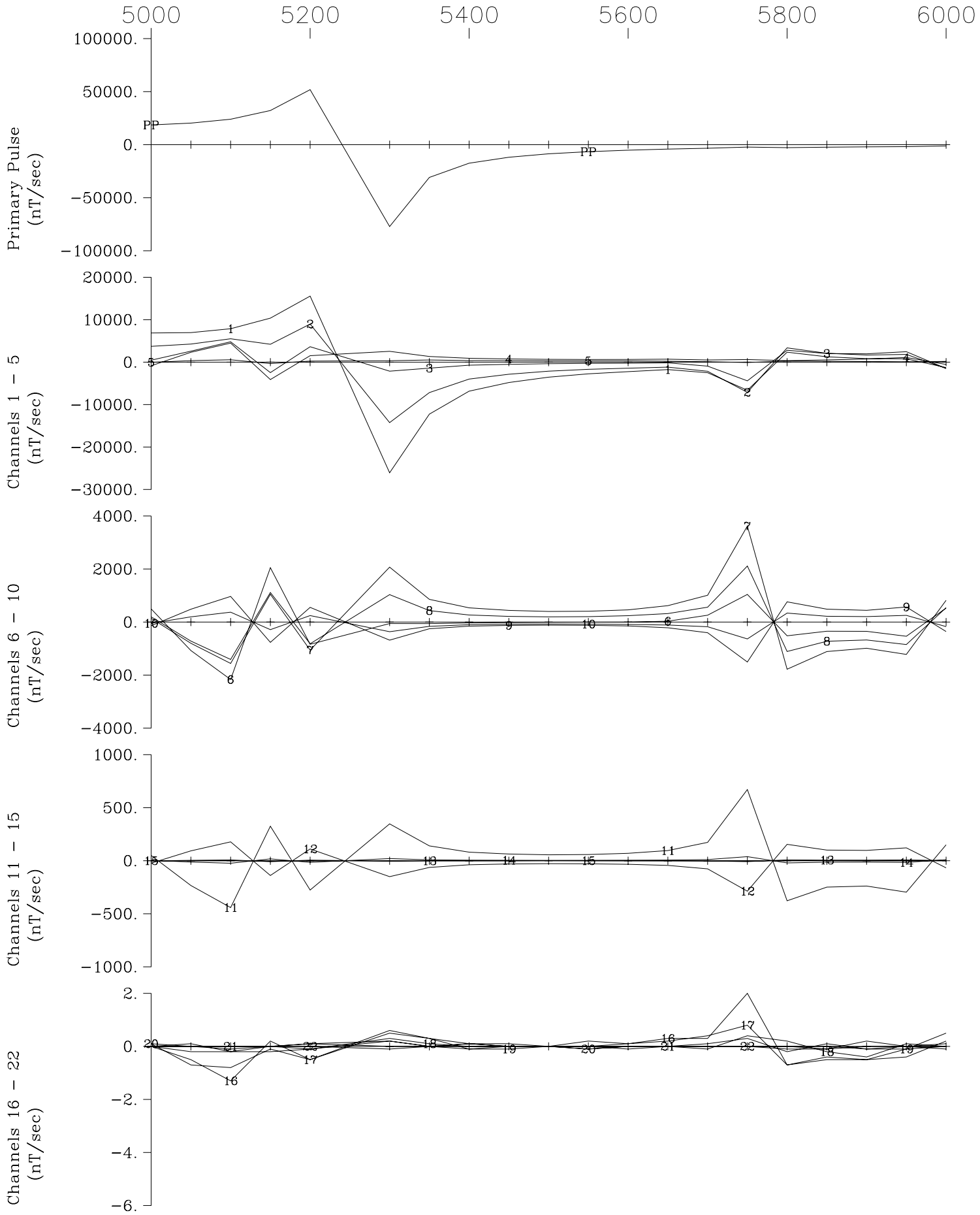

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Loop MIDDLE Line 5600N Z Component

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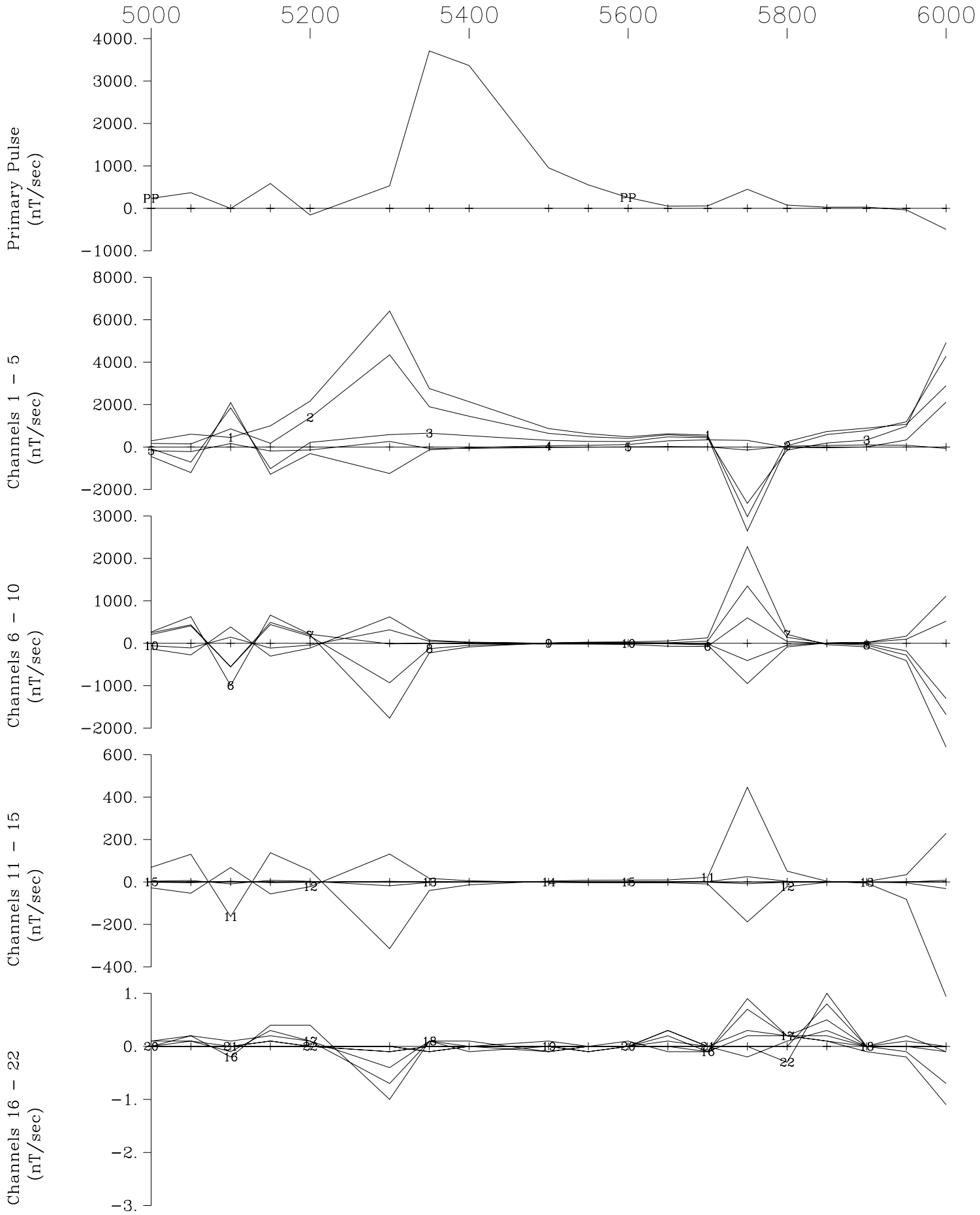

Wallbridge Mining Company Ltd. Ministic Lake Property

Loop MIDDLE Line 5600N X Component

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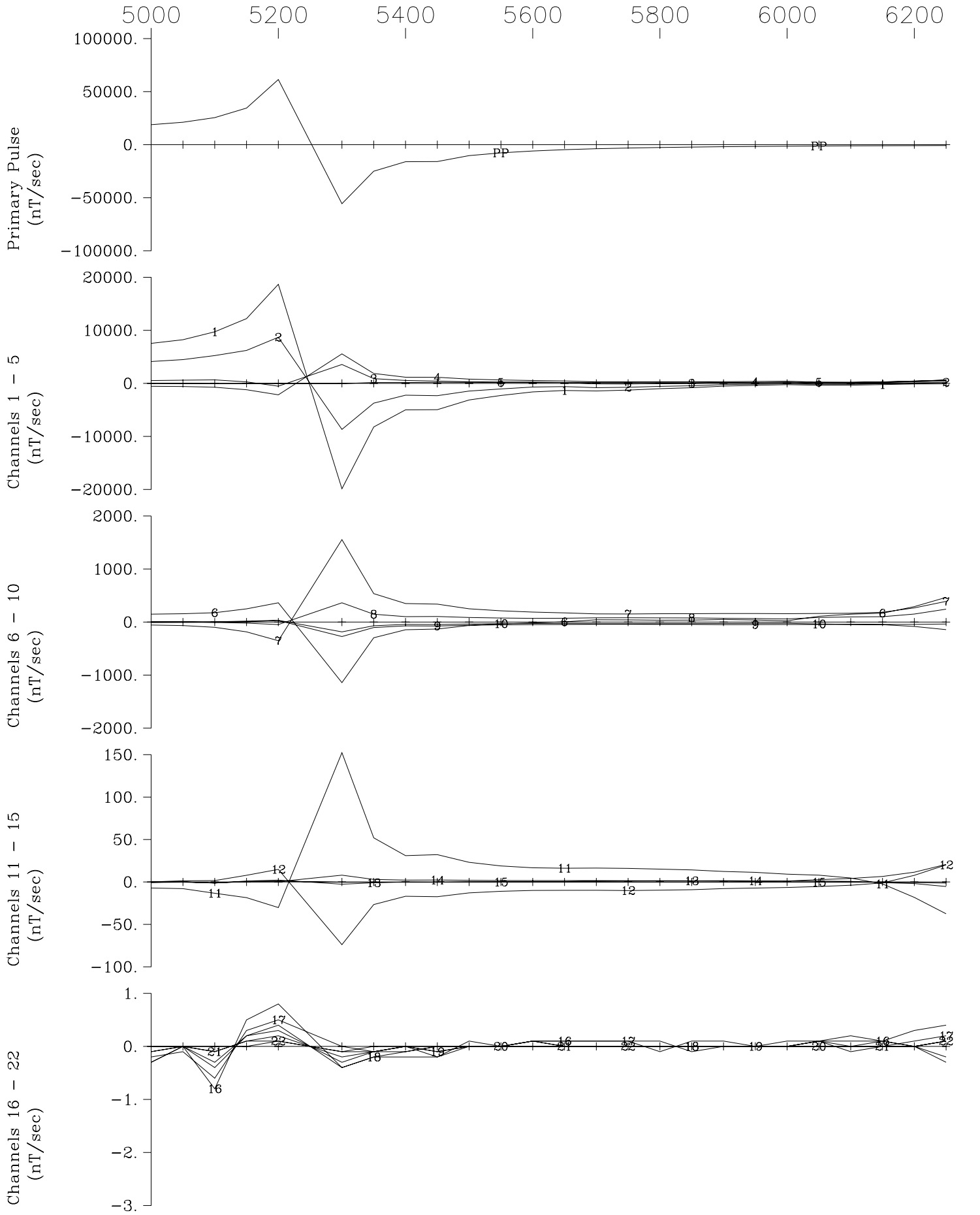

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Loop MIDDLE Line 5900N Z Component

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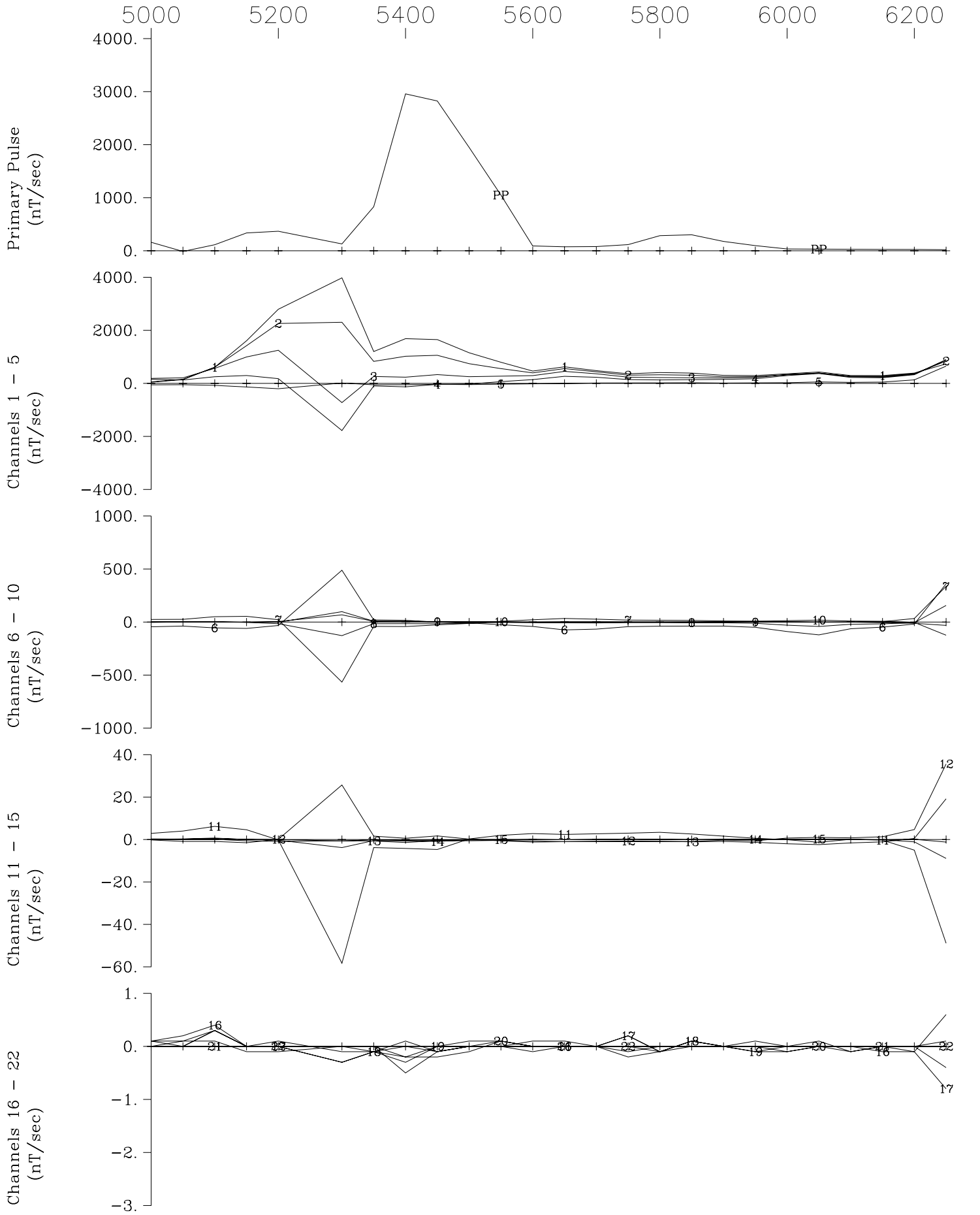

Wallbridge Mining Company Ltd. Ministic Lake Property

Loop MIDDLE Line 5900N X Component

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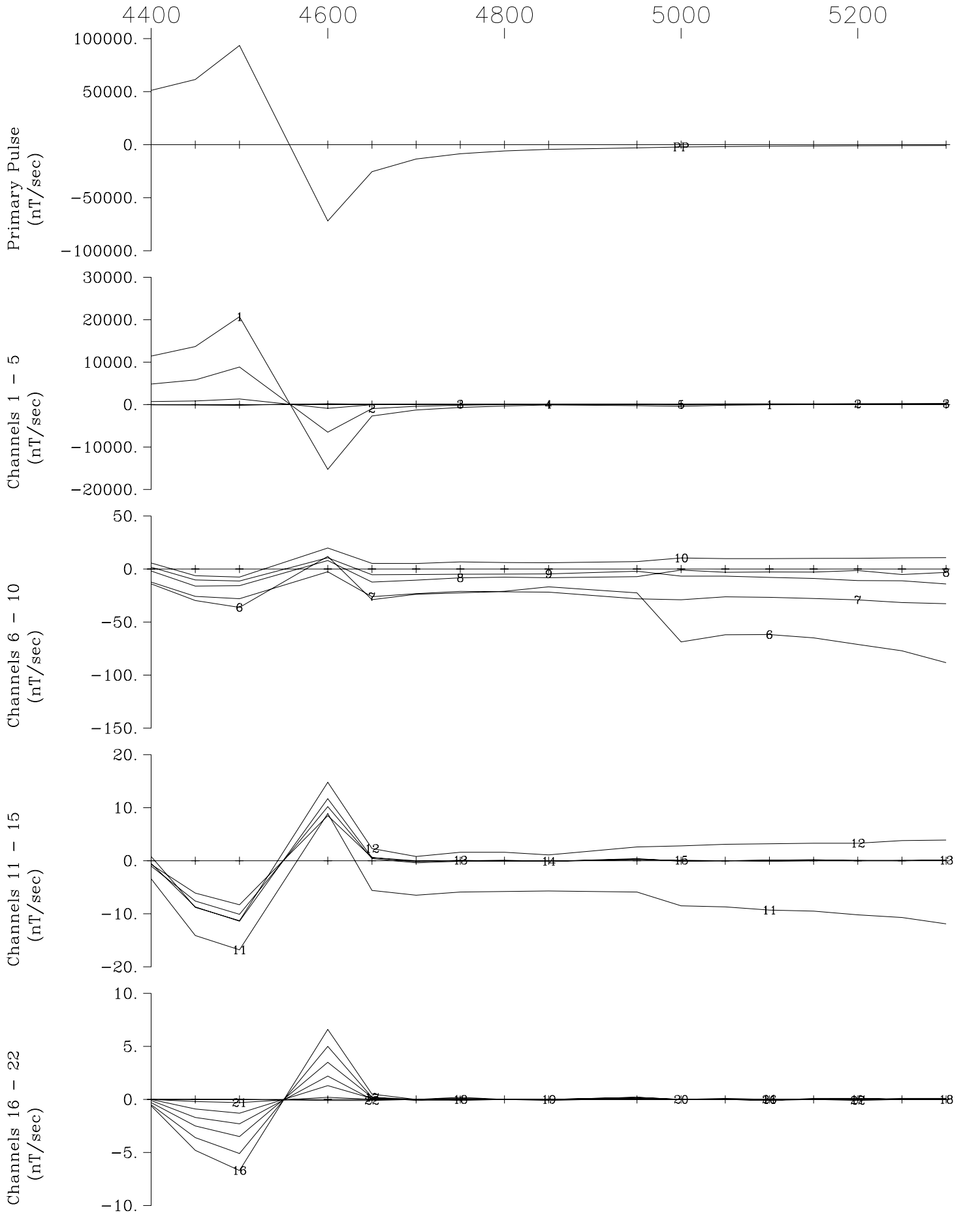
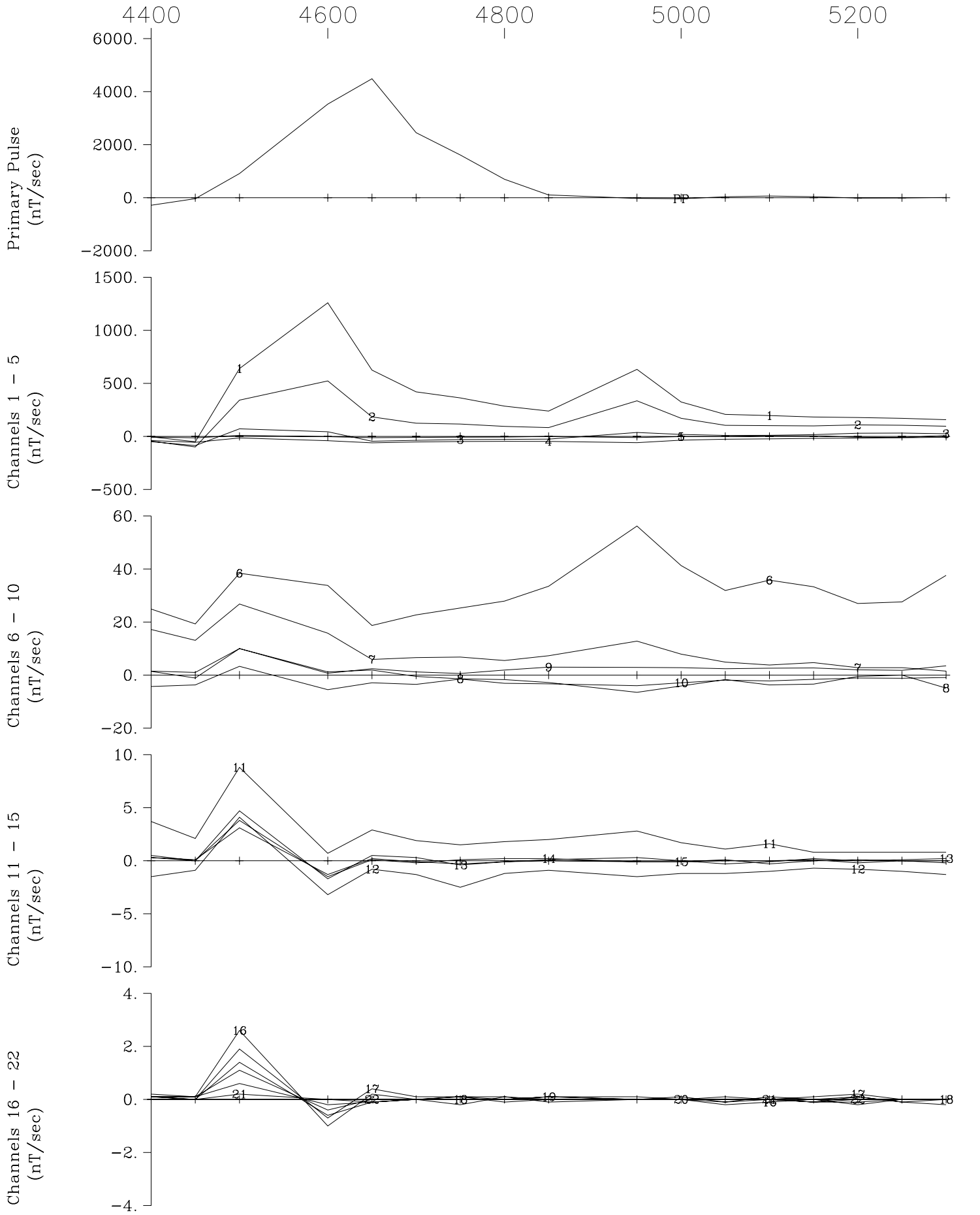
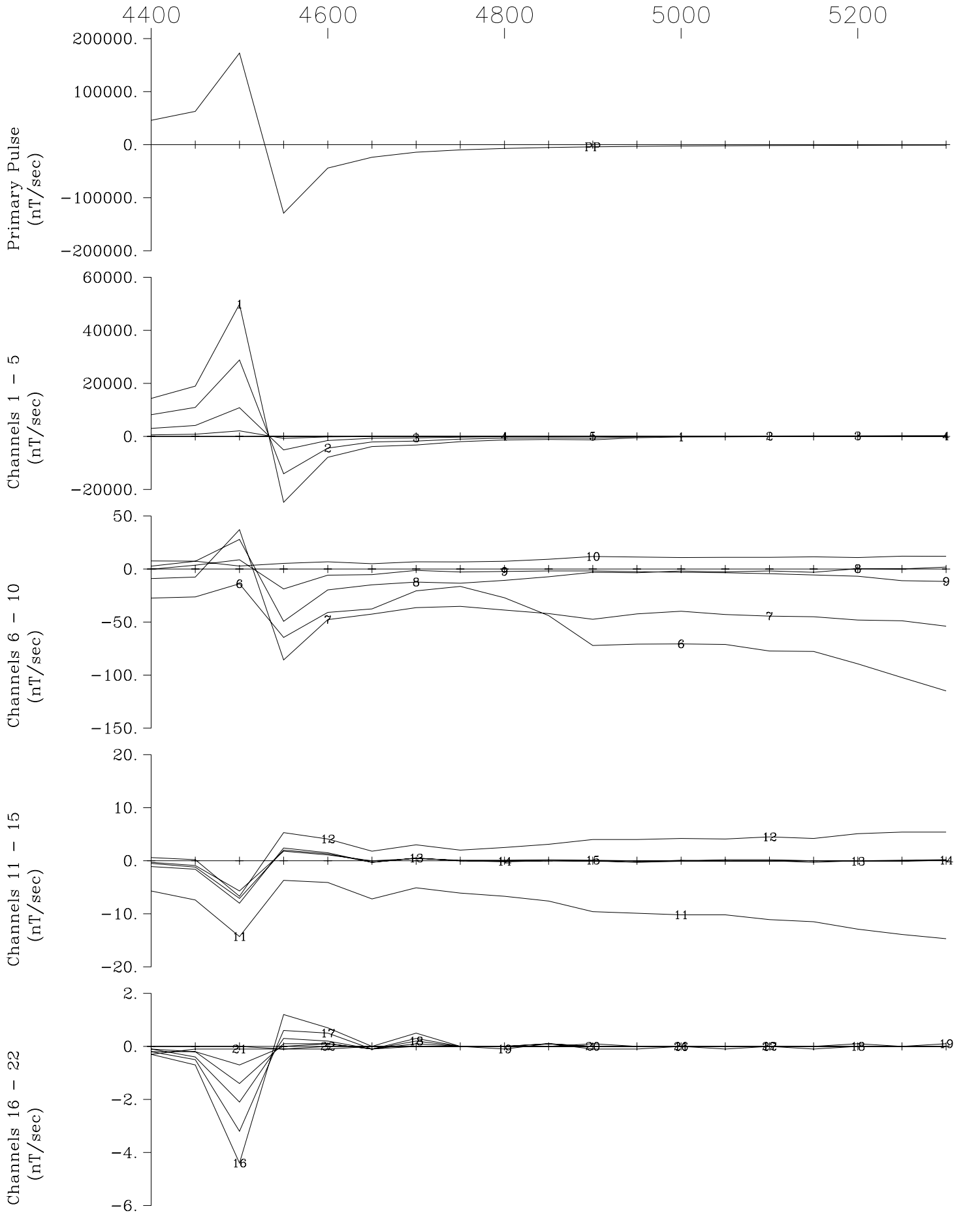


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 3850N Z Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 3850N X Component
Crone Geophysics & Exploration Ltd.



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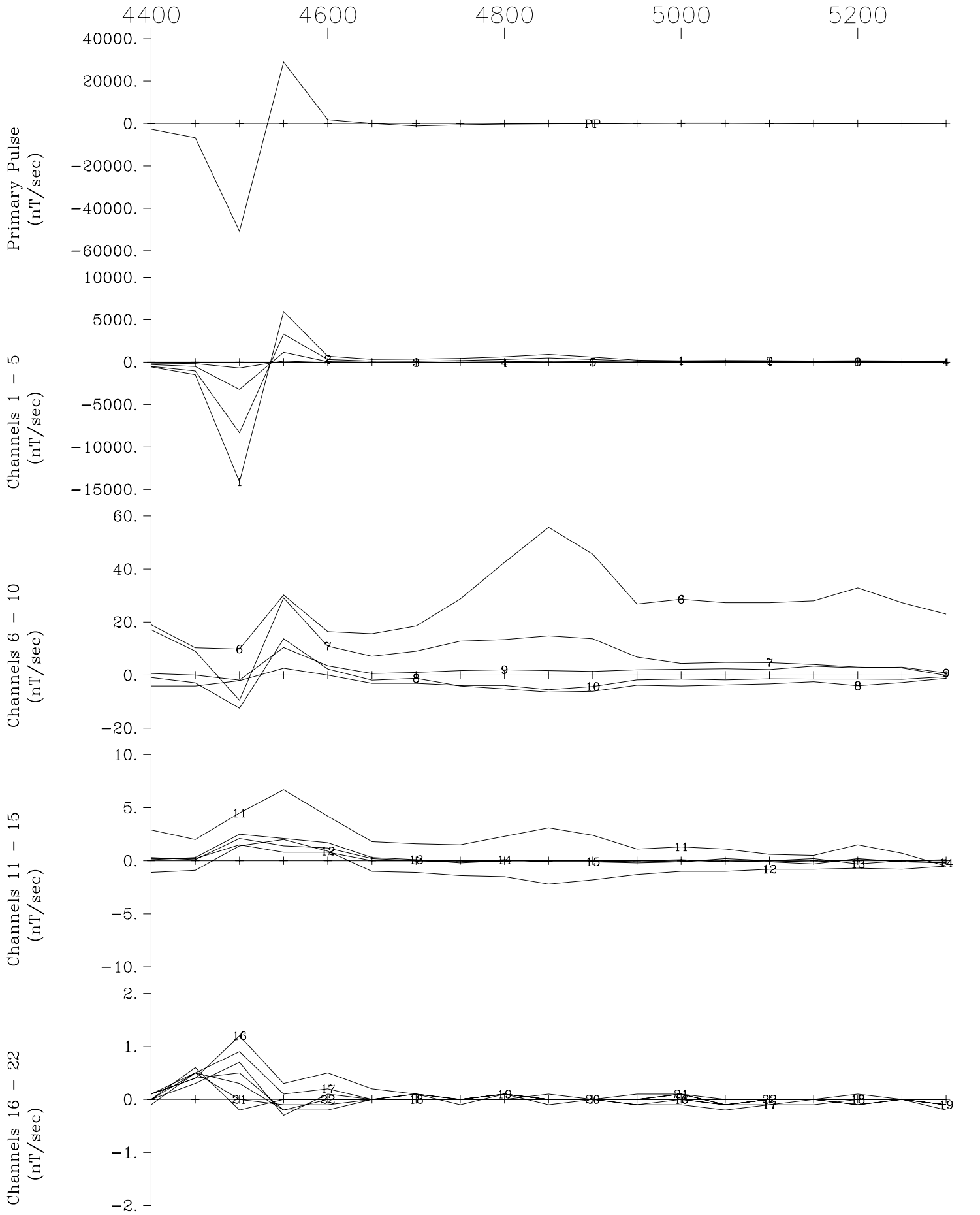
Loop SOUTHERN, Line 4050N Z Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
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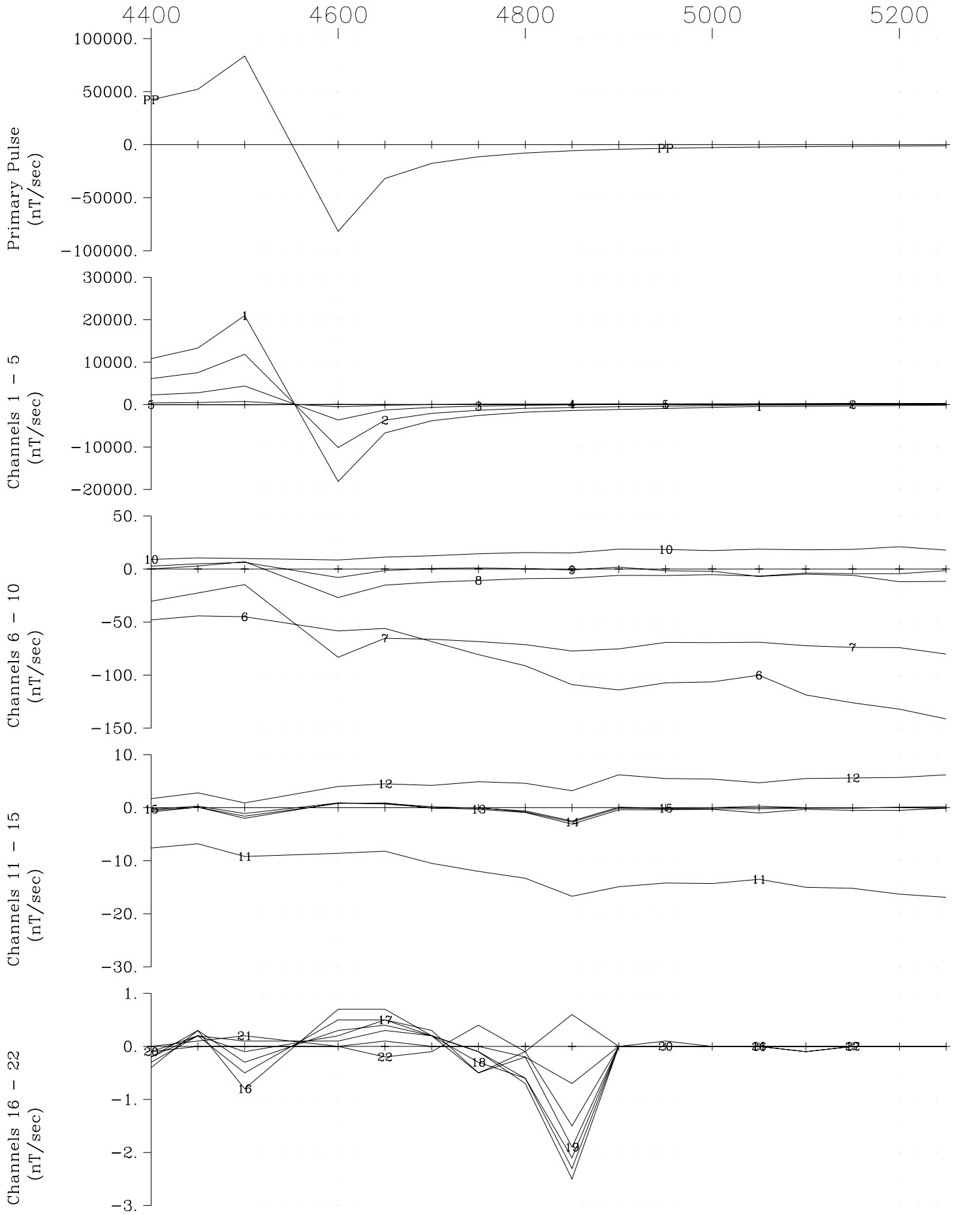
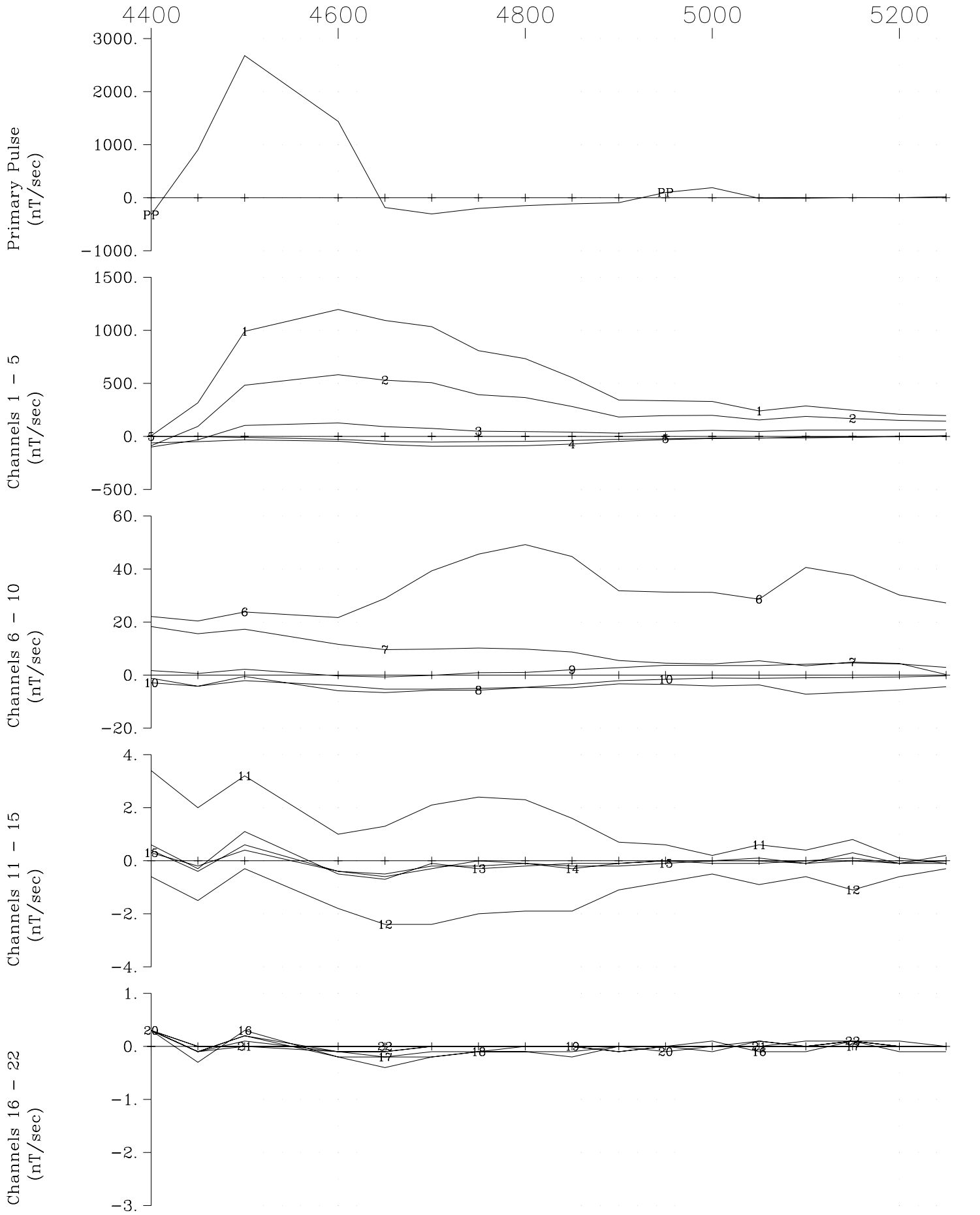
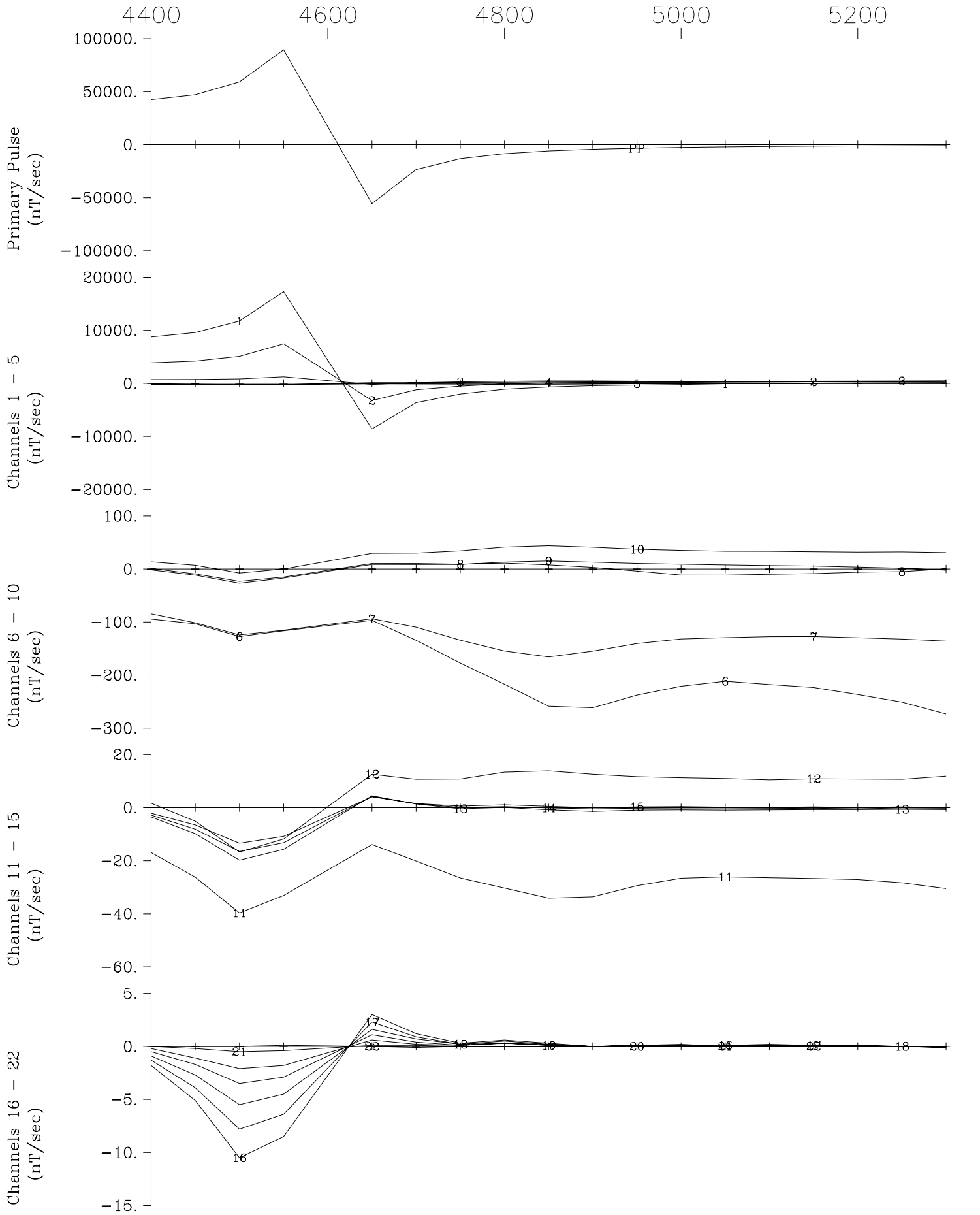
Crone Geophysics & Exploration Ltd.



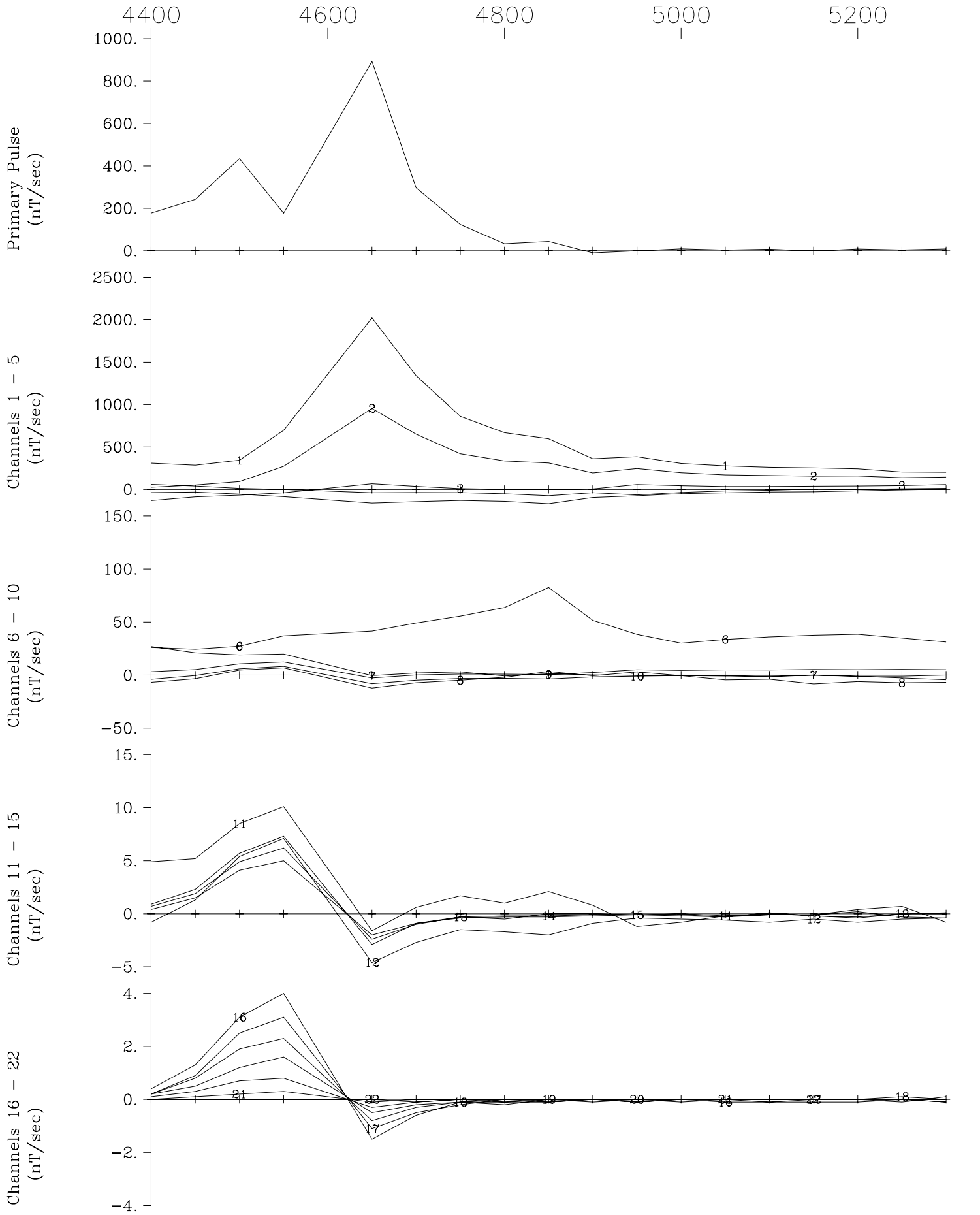
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4250N Z Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4250N X Component
Crone Geophysics & Exploration Ltd.

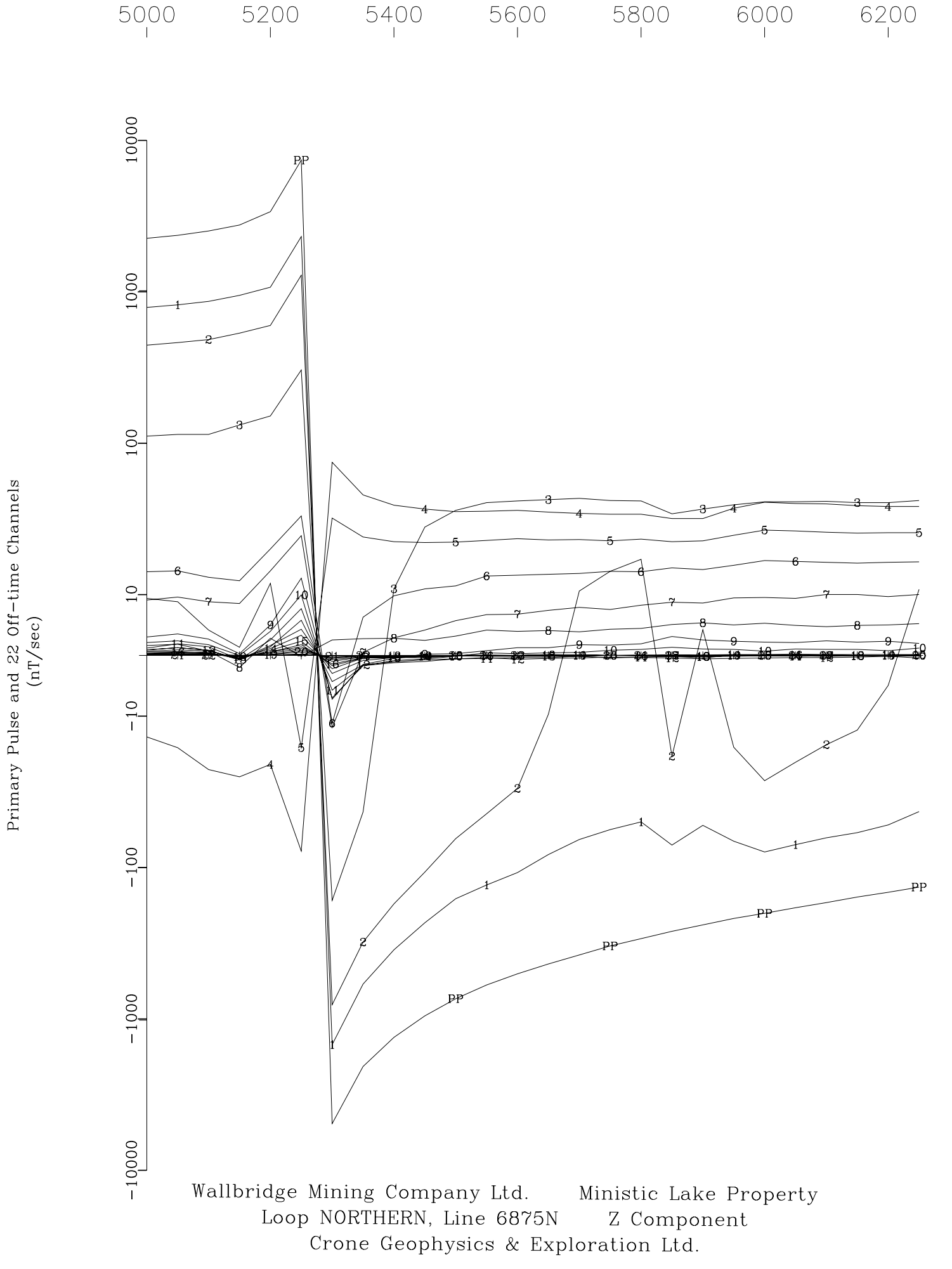


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4400N Z Component
Crone Geophysics & Exploration Ltd.

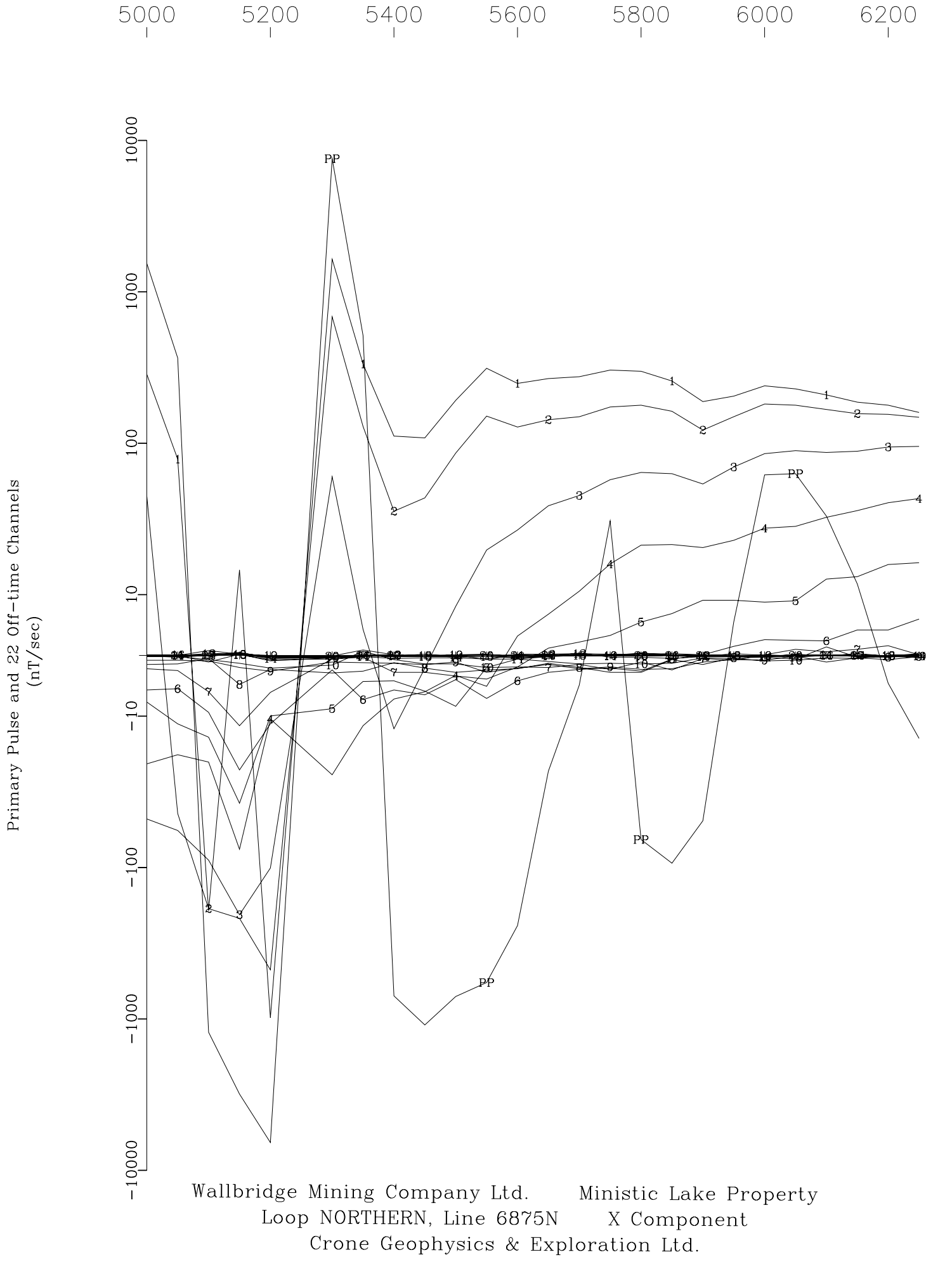


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4400N X Component
Crone Geophysics & Exploration Ltd.

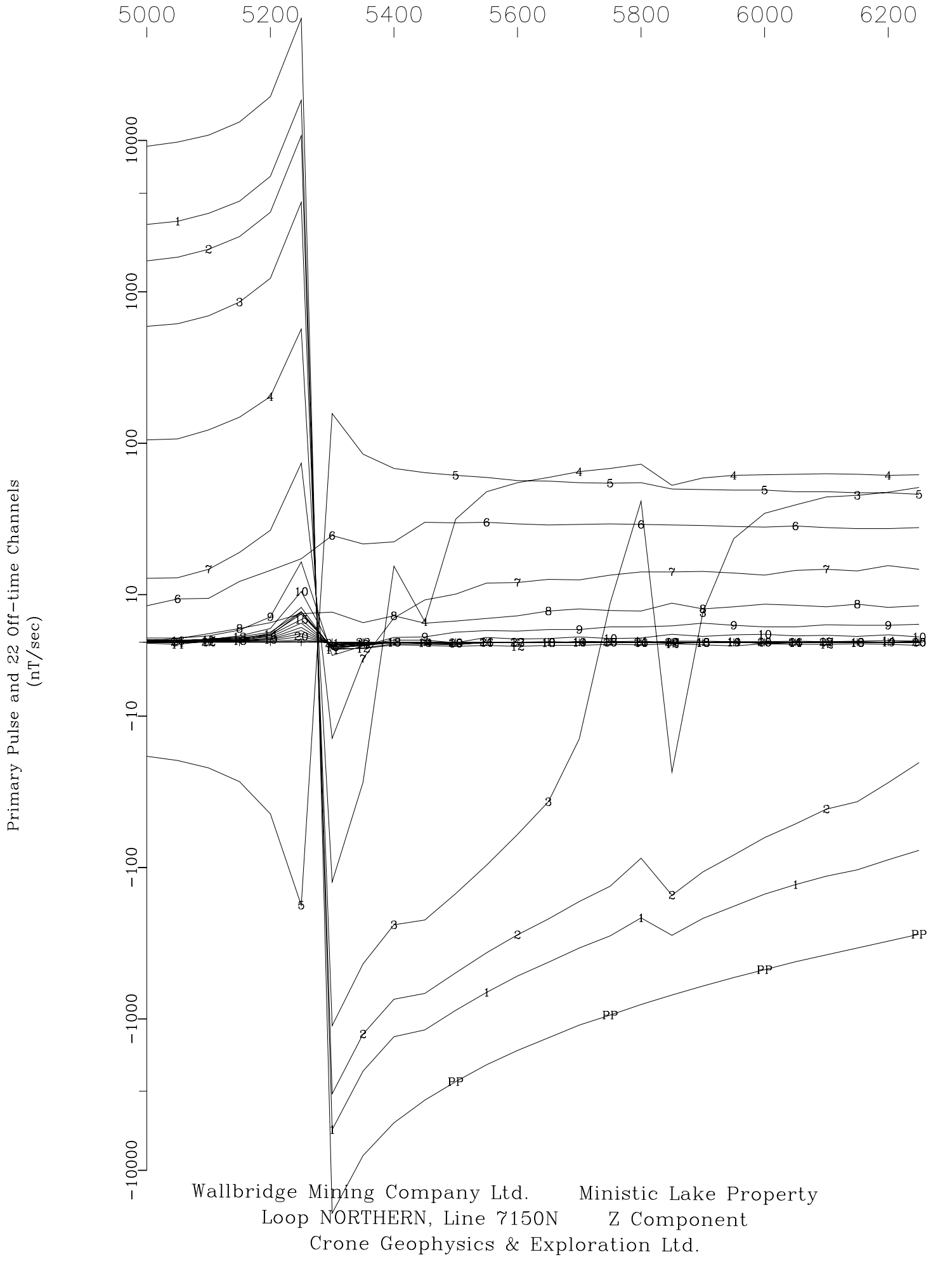
Appendix 4: Pulse-EM Data Profiles (Lin-Log) Scale

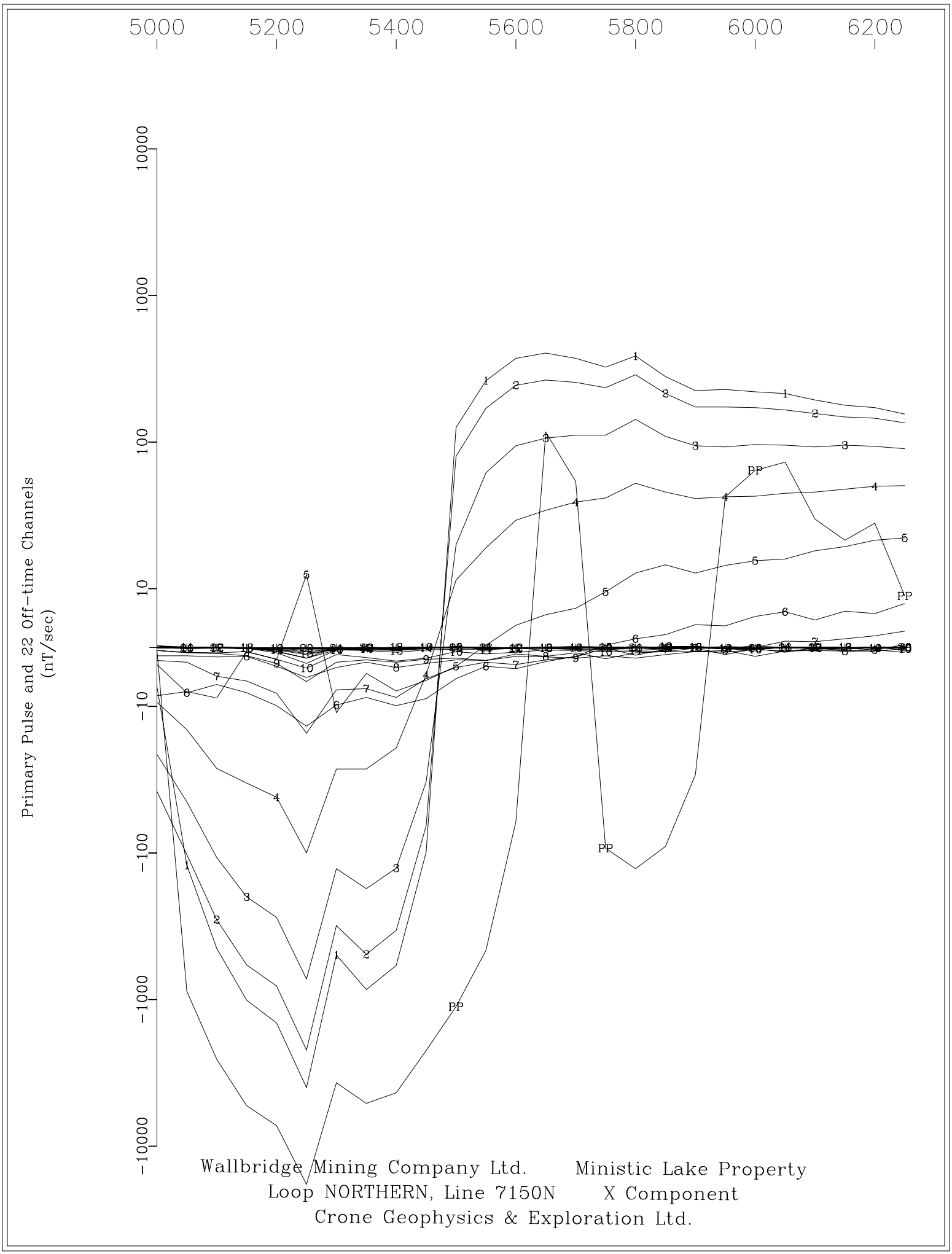


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 6875N Z Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 6875N X Component
Crone Geophysics & Exploration Ltd.


5000
5200
5400
5600
5800
6000
6200
10000
1000
100
10
-10
-100
-1000
-10000
Primary Pulse and 22 Off-time Channels
(nT/sec)
PP
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7150N Z Component
Crone Geophysics & Exploration Ltd.


5000
5200
5400
5600
5800
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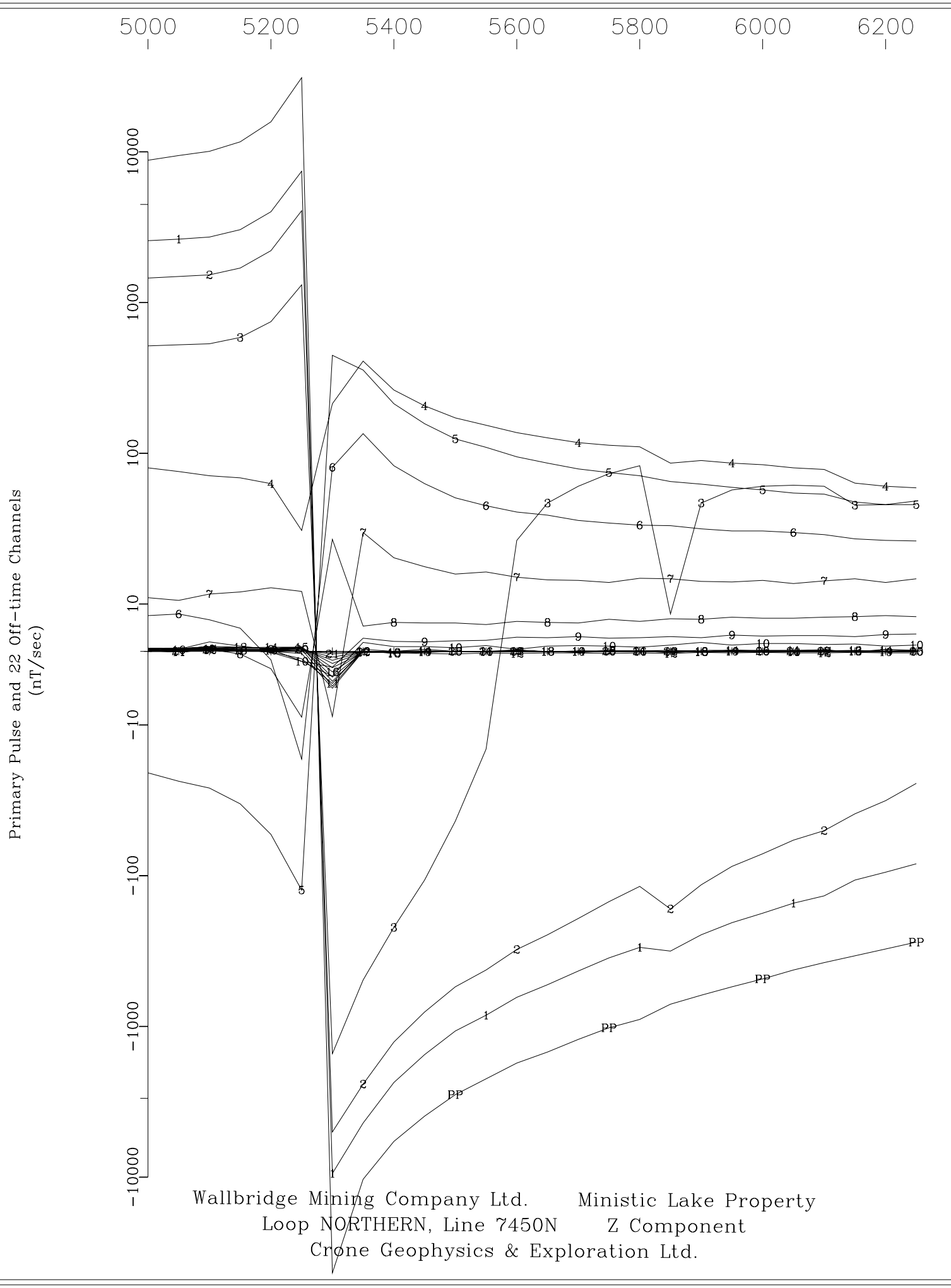
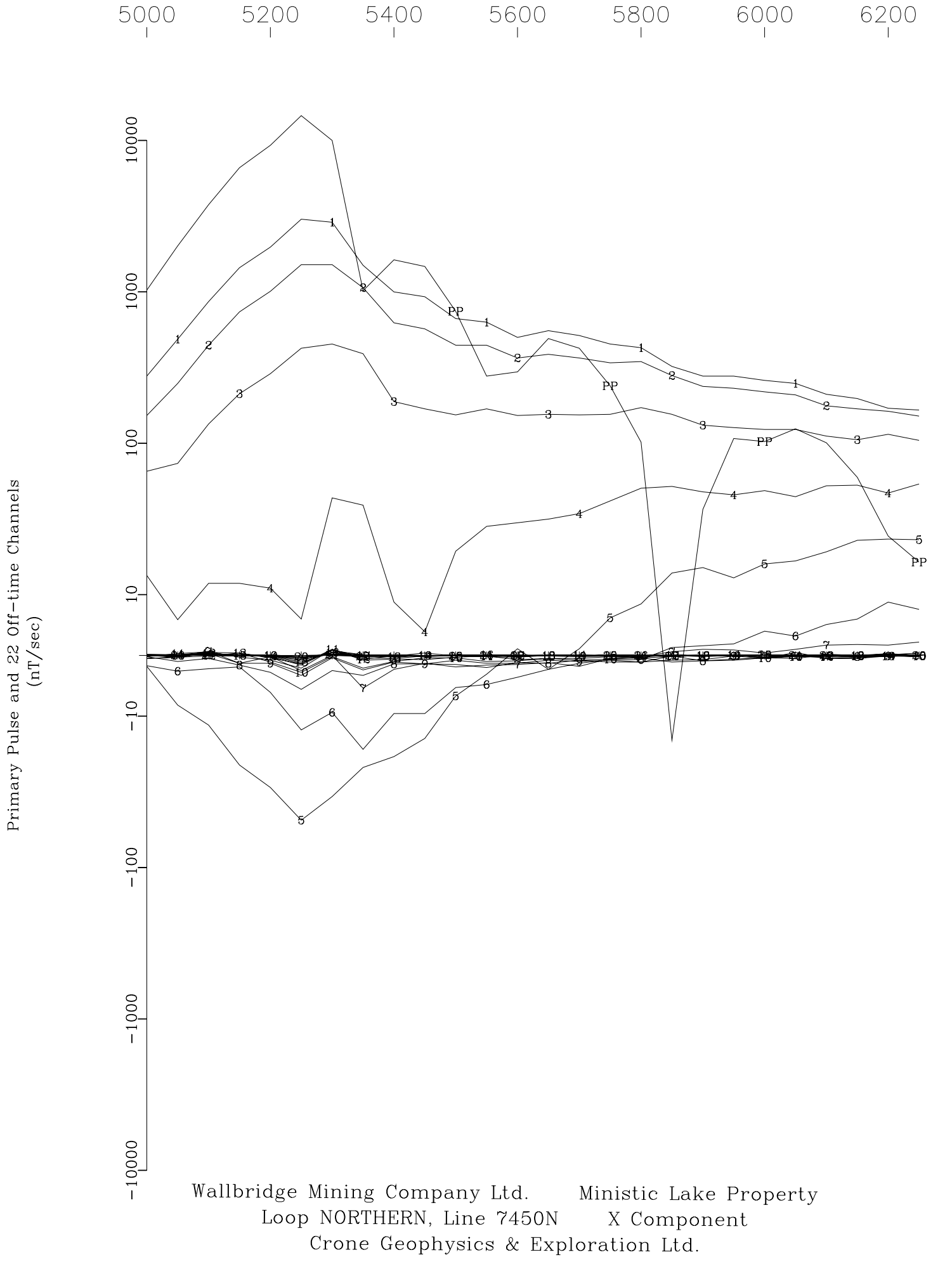
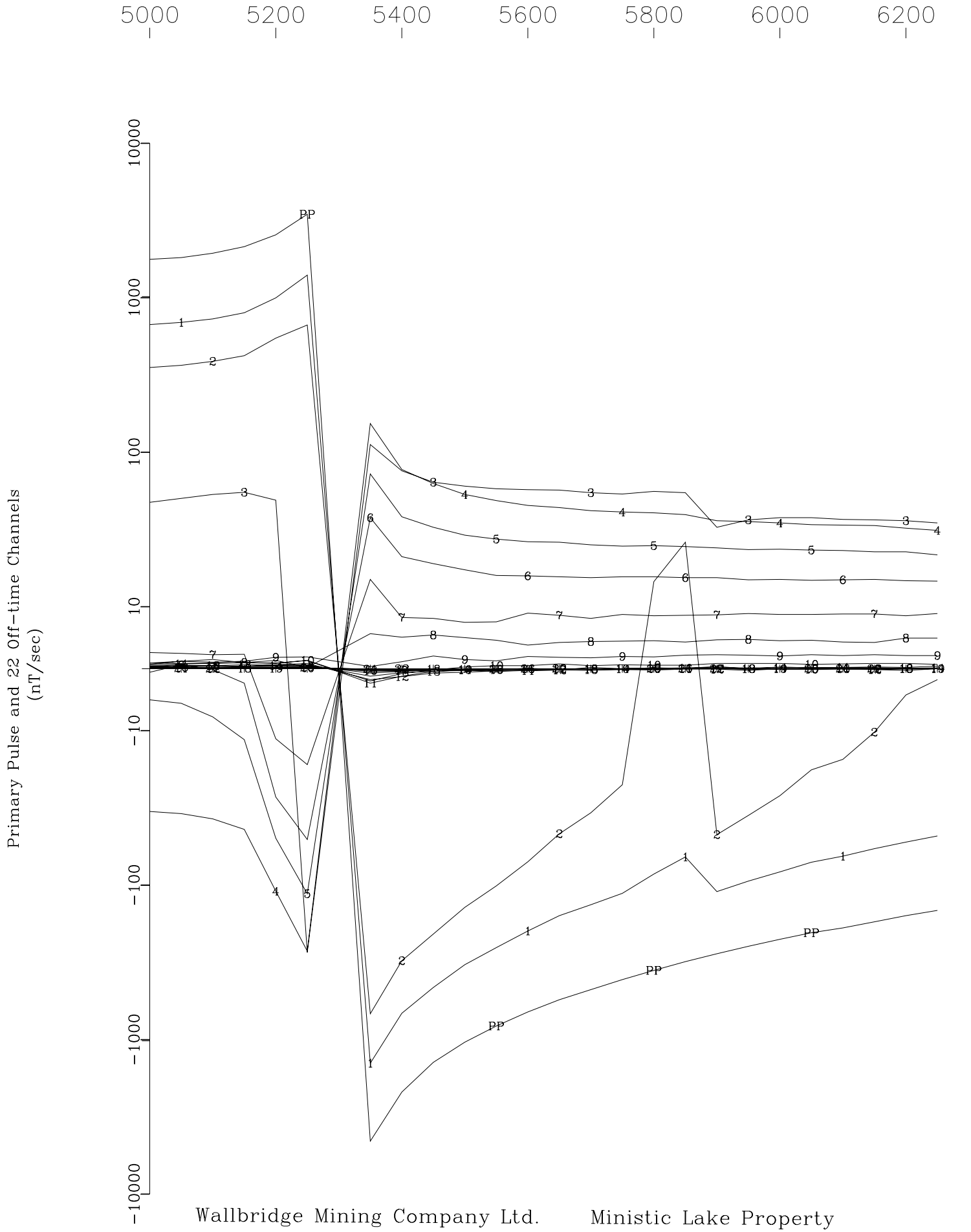
6200
10000
1000
100
10
-10
-100
-1000
-10000
Primary Pulse and 22 Off-time Channels
(nT/sec)
PP
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7150N X Component
Crone Geophysics & Exploration Ltd.

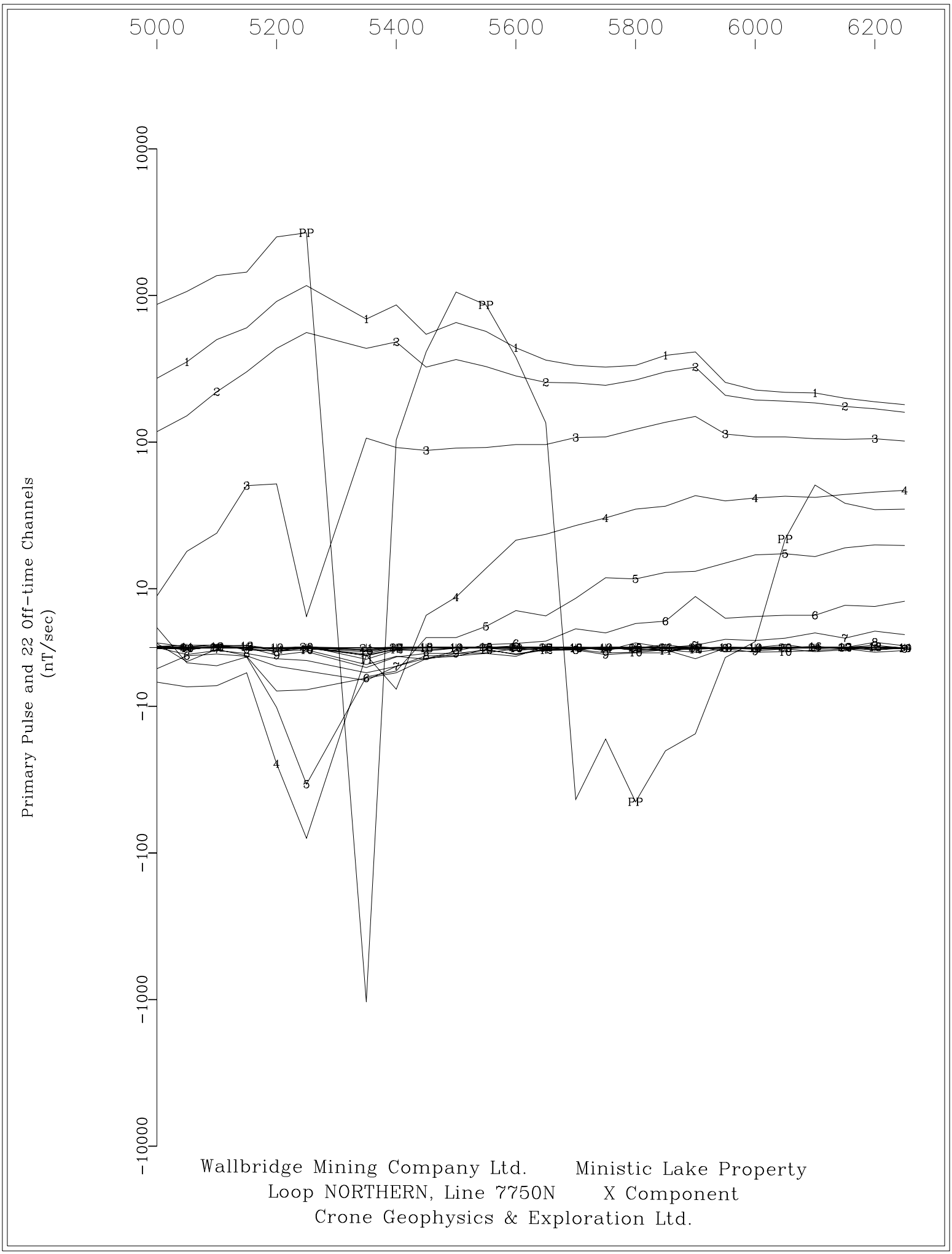

5000
5200
5400
5600
5800
6000
6200
10000
1000
100
10
-10
-100
-1000
-10000
Primary Pulse and 22 Off-time Channels
(nT/sec)
PP
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7450N Z Component
Crone Geophysics & Exploration Ltd.



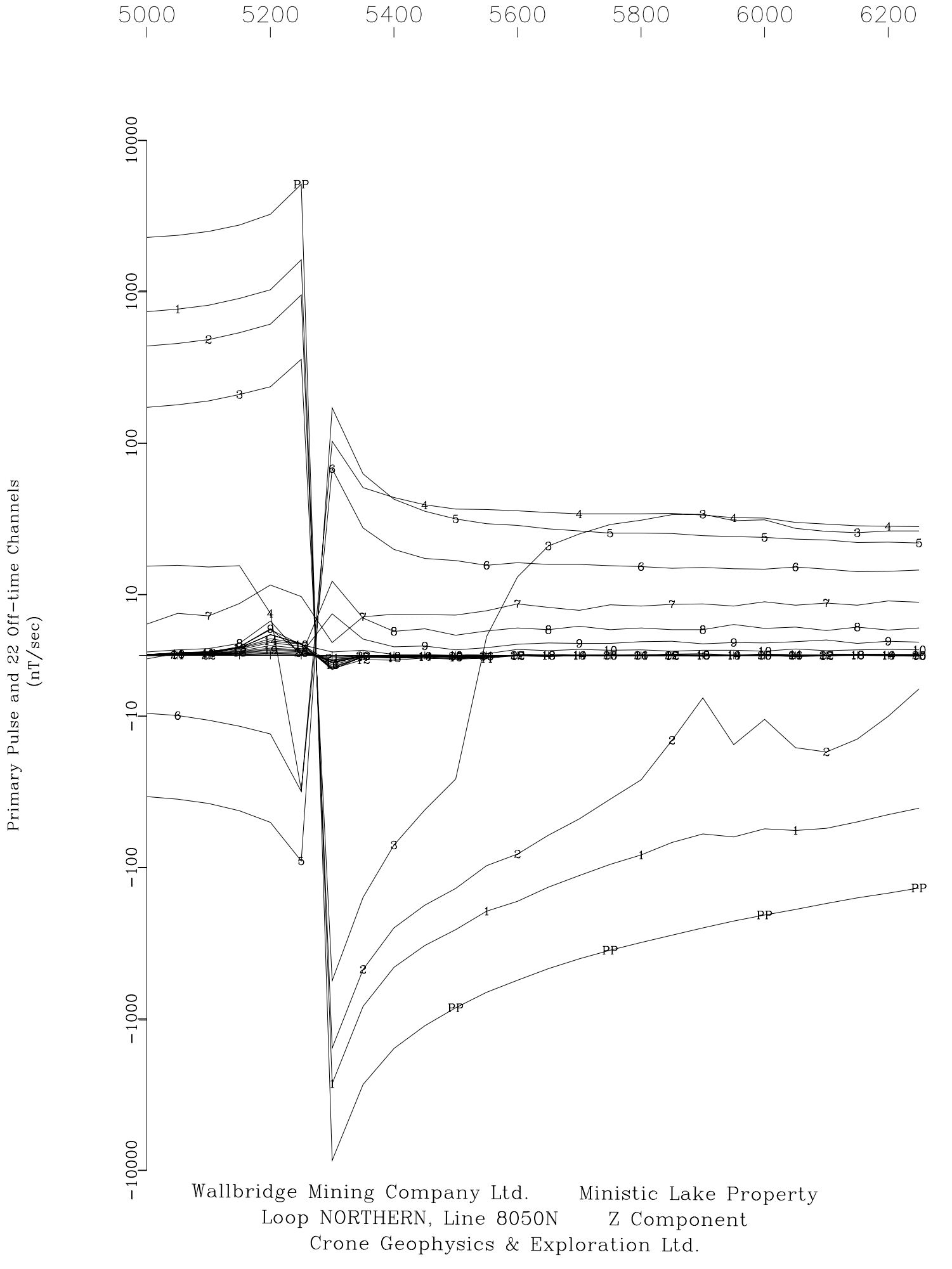
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7450N X Component
Crone Geophysics & Exploration Ltd.



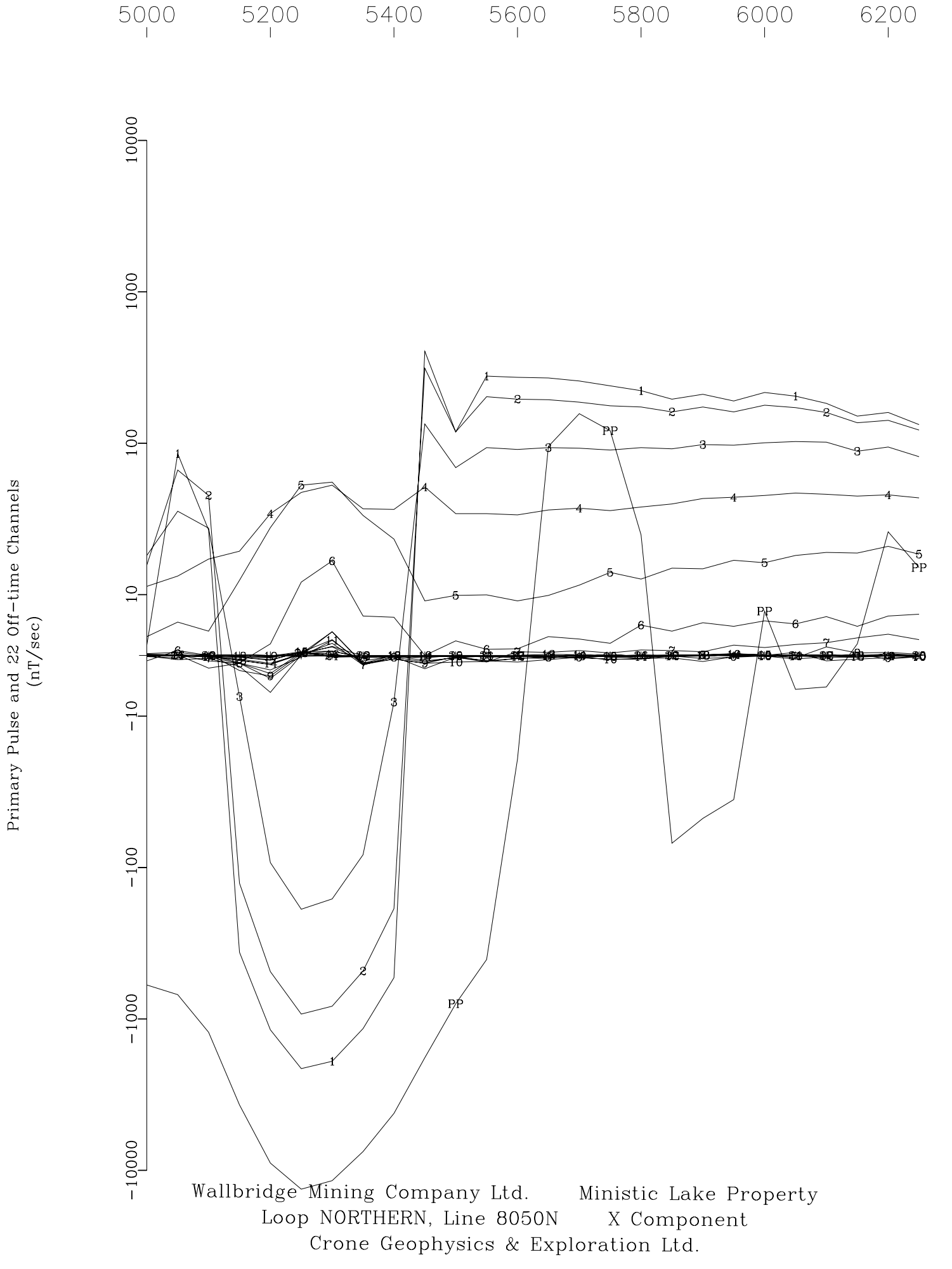
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7750N Z Component
Crone Geophysics & Exploration Ltd.



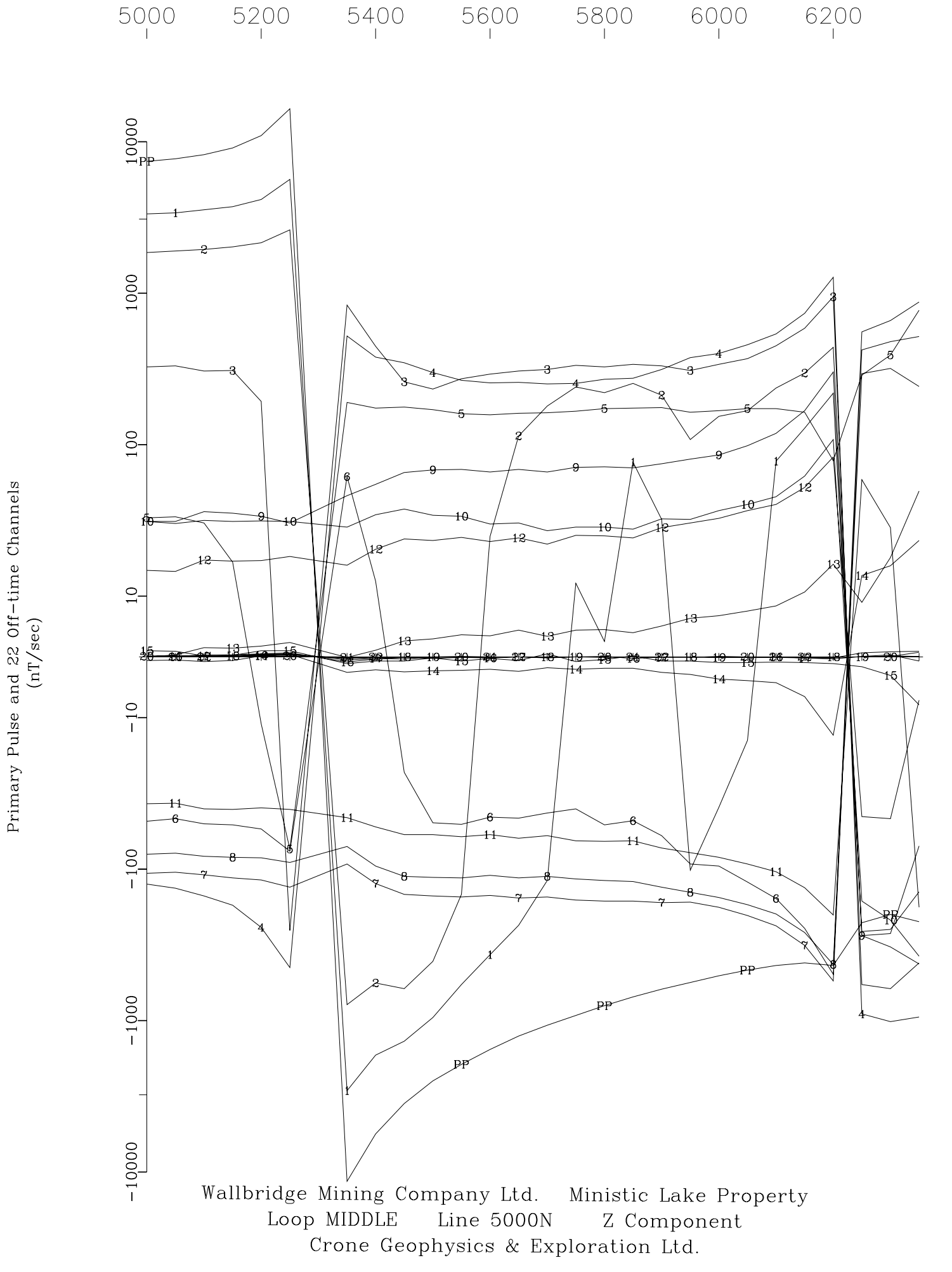
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7750N X Component
Crone Geophysics & Exploration Ltd.



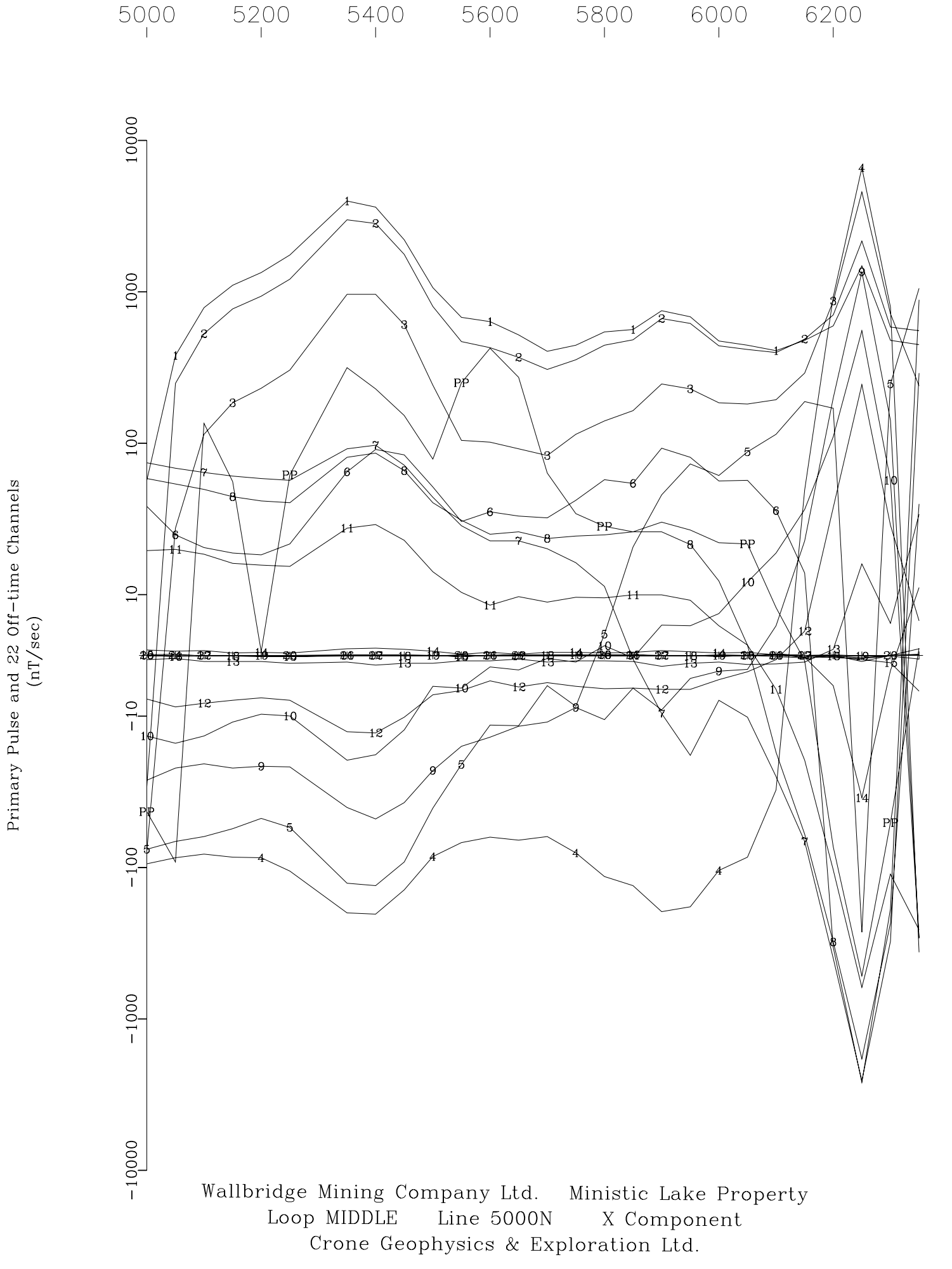
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 8050N Z Component
Crone Geophysics & Exploration Ltd.



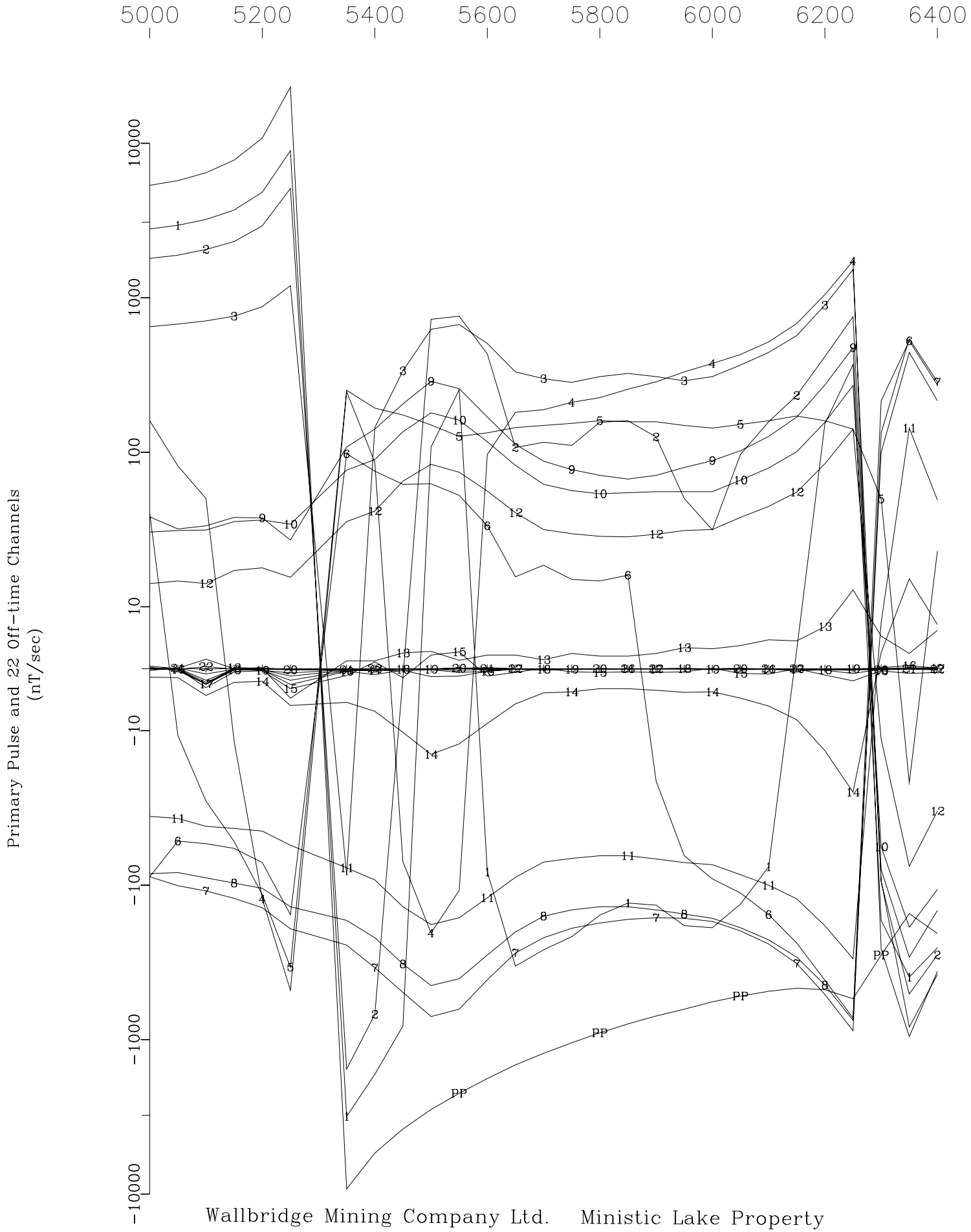
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 8050N X Component
Crone Geophysics & Exploration Ltd.



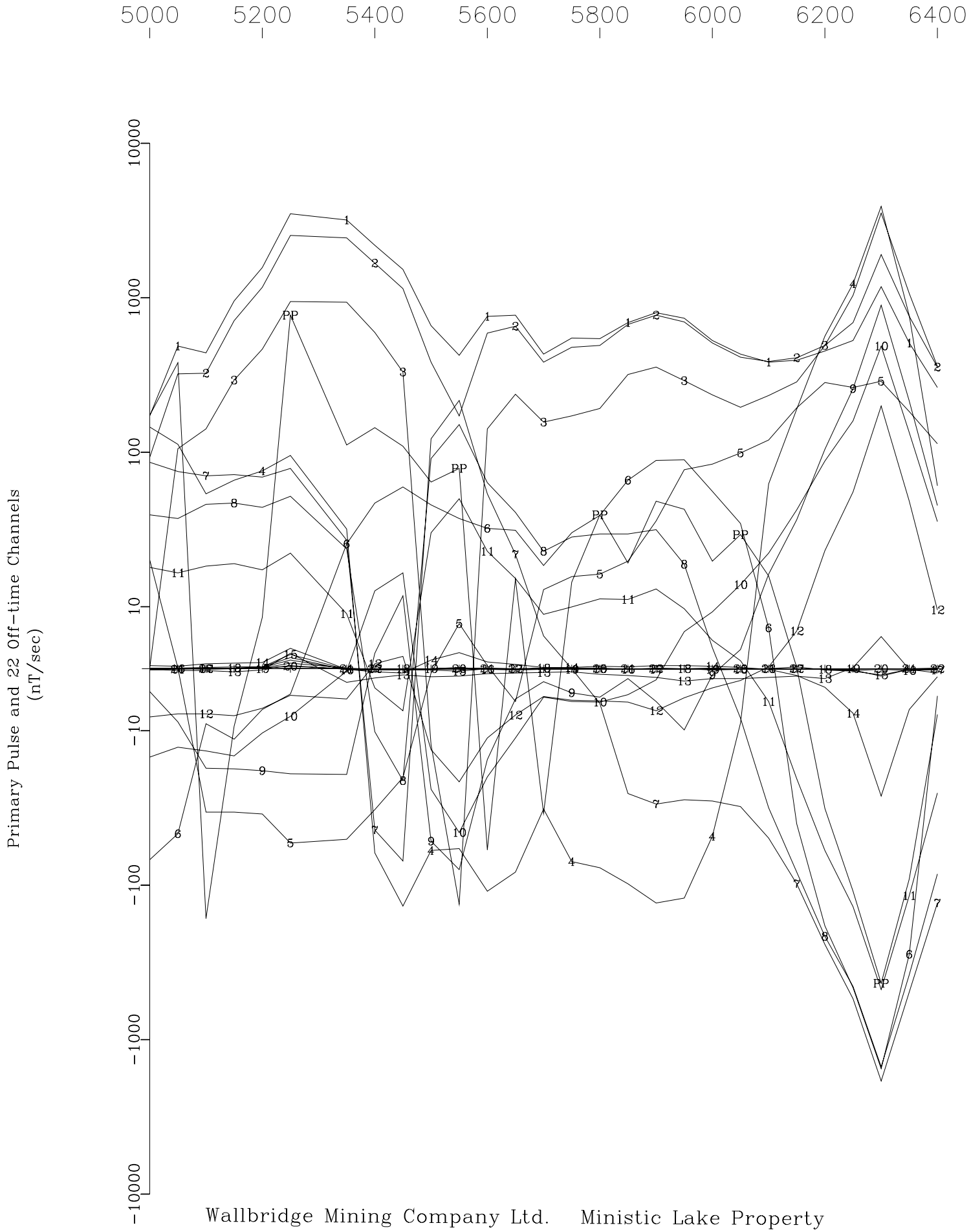
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5000N Z Component
Crone Geophysics & Exploration Ltd.



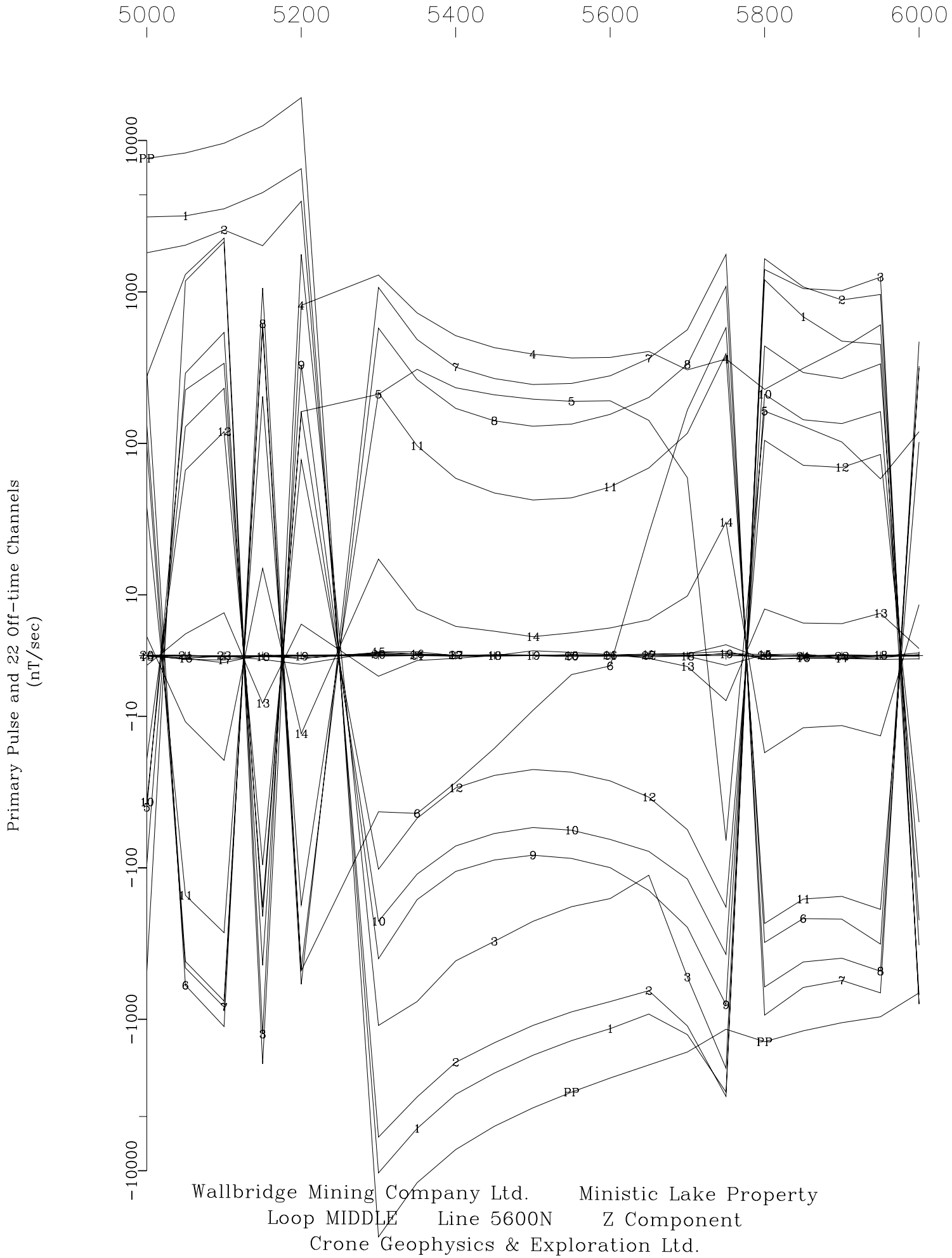
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5000N X Component
Crone Geophysics & Exploration Ltd.



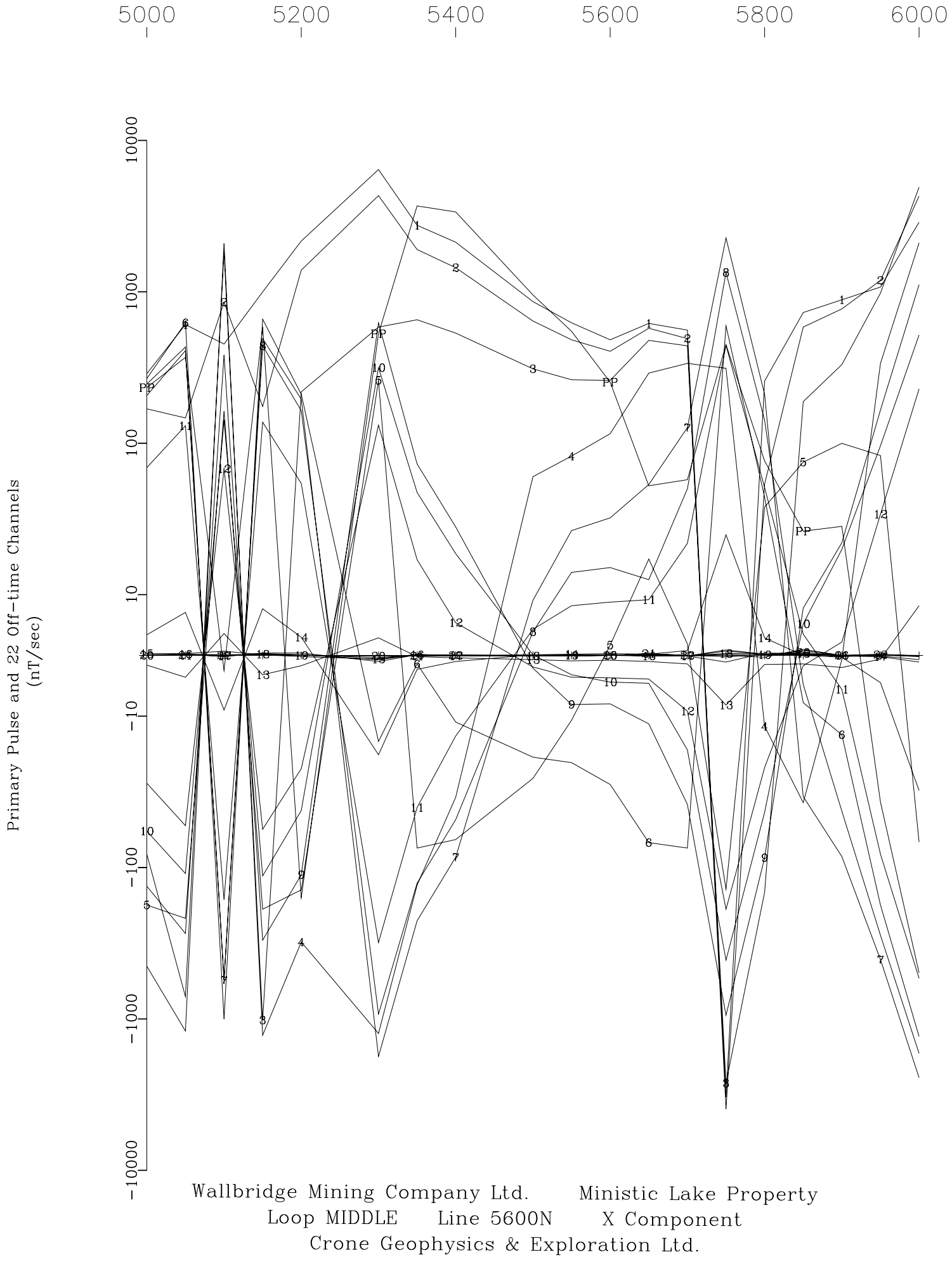
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5300N Z Component
Crone Geophysics & Exploration Ltd.



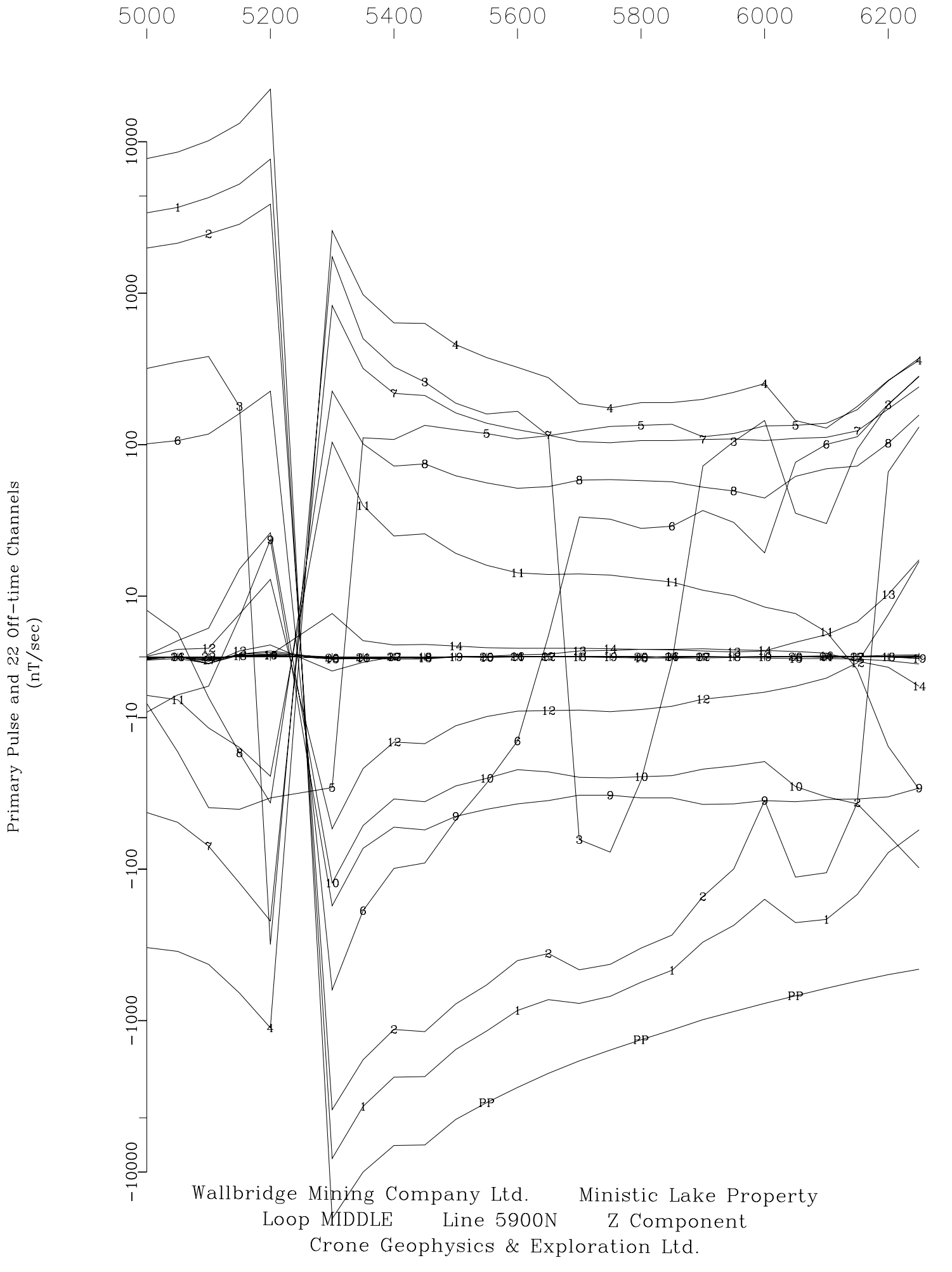
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5300N X Component
Crone Geophysics & Exploration Ltd.



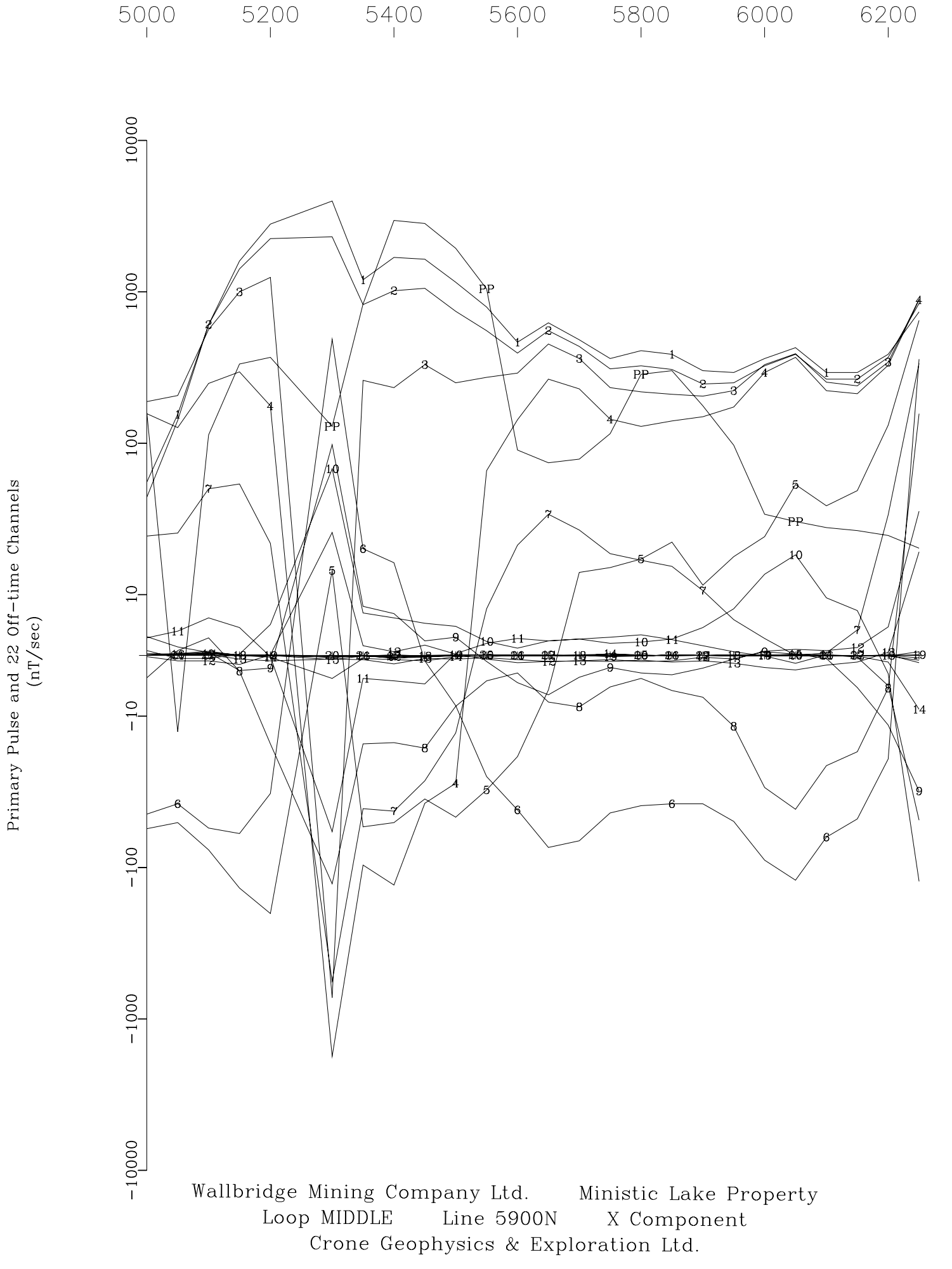
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5600N Z Component
Crone Geophysics & Exploration Ltd.



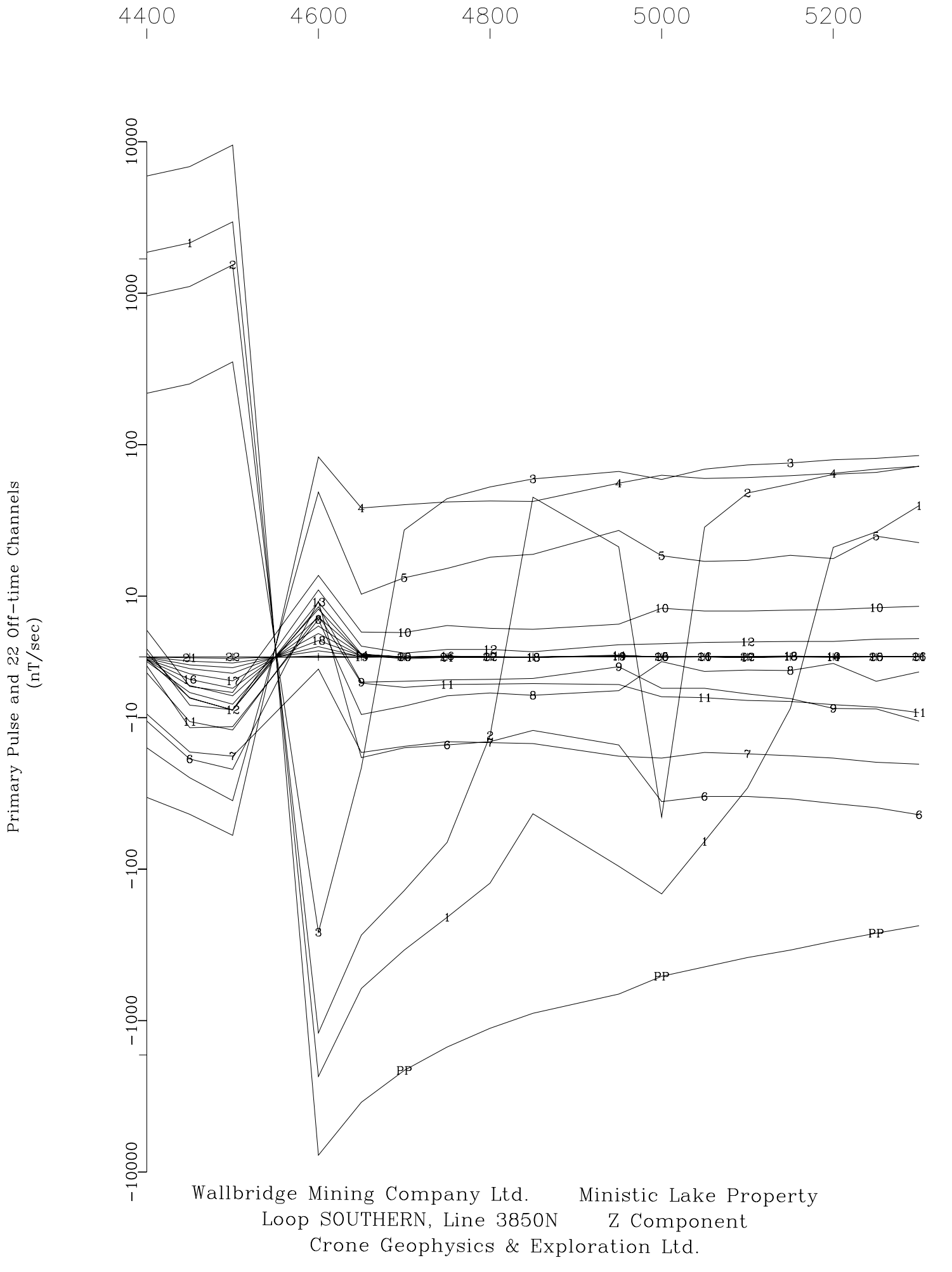
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5600N X Component
Crone Geophysics & Exploration Ltd.



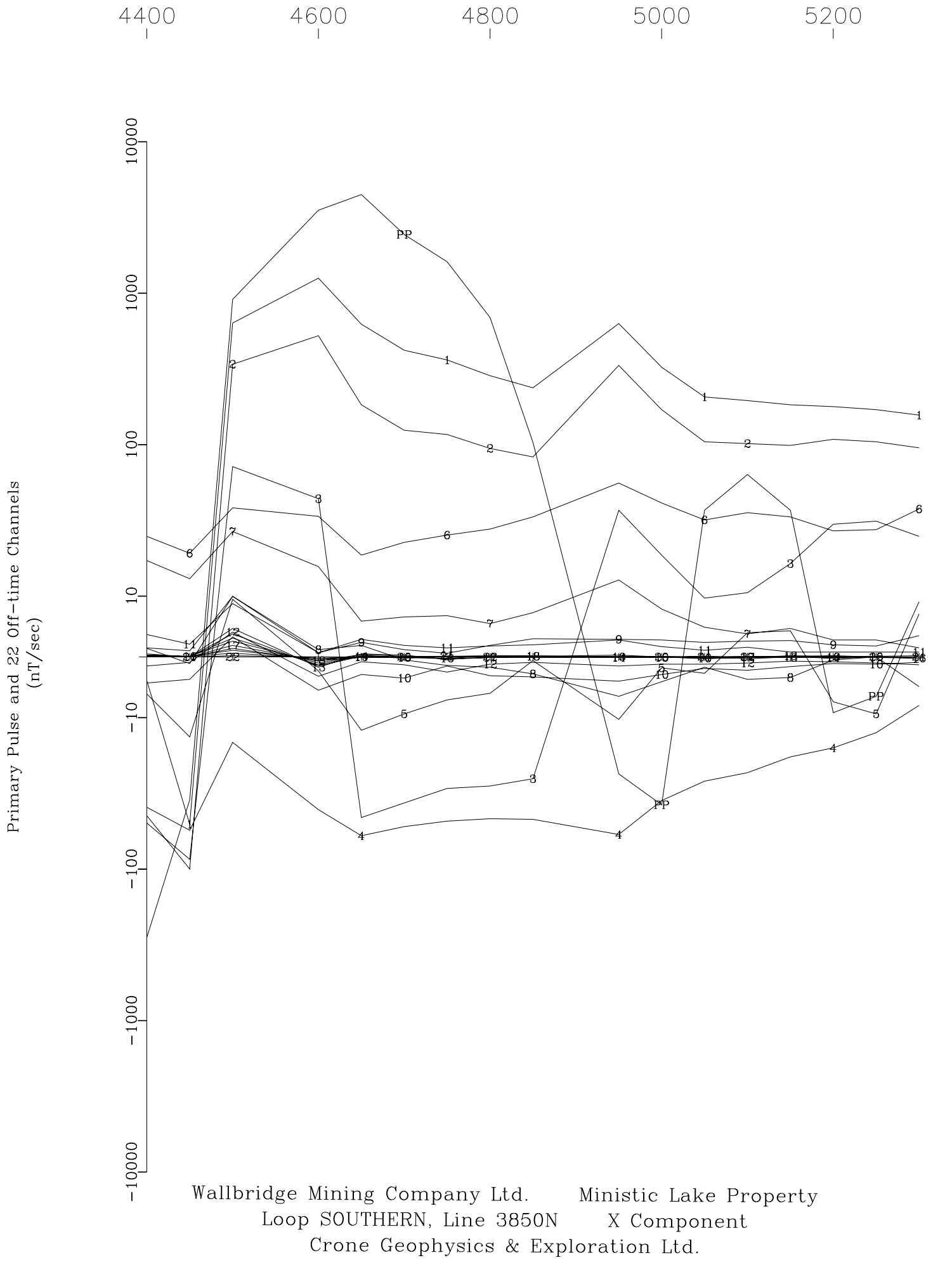
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5900N Z Component
Crone Geophysics & Exploration Ltd.



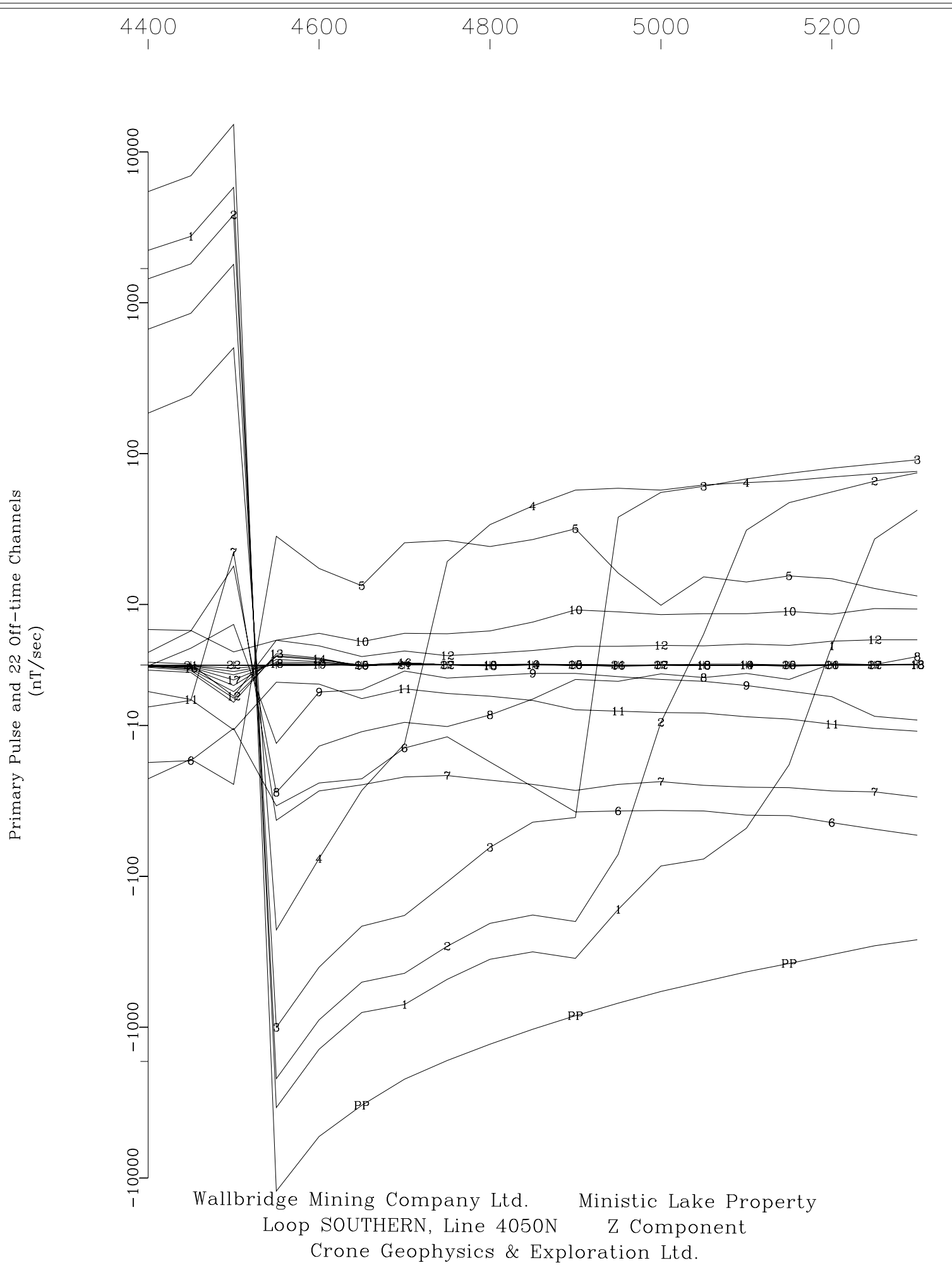
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE Line 5900N X Component
Crone Geophysics & Exploration Ltd.



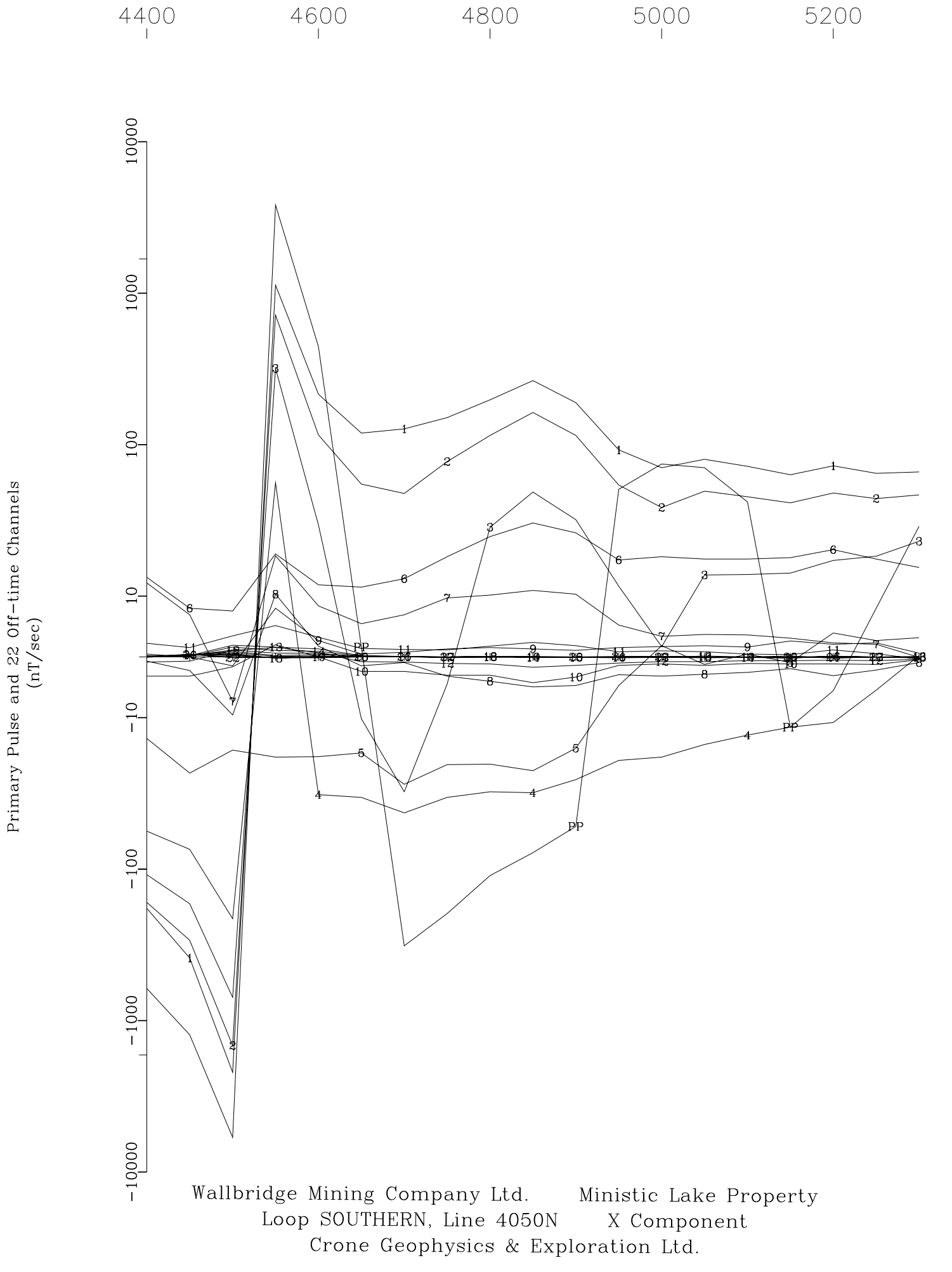
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 3850N Z Component
Crone Geophysics & Exploration Ltd.



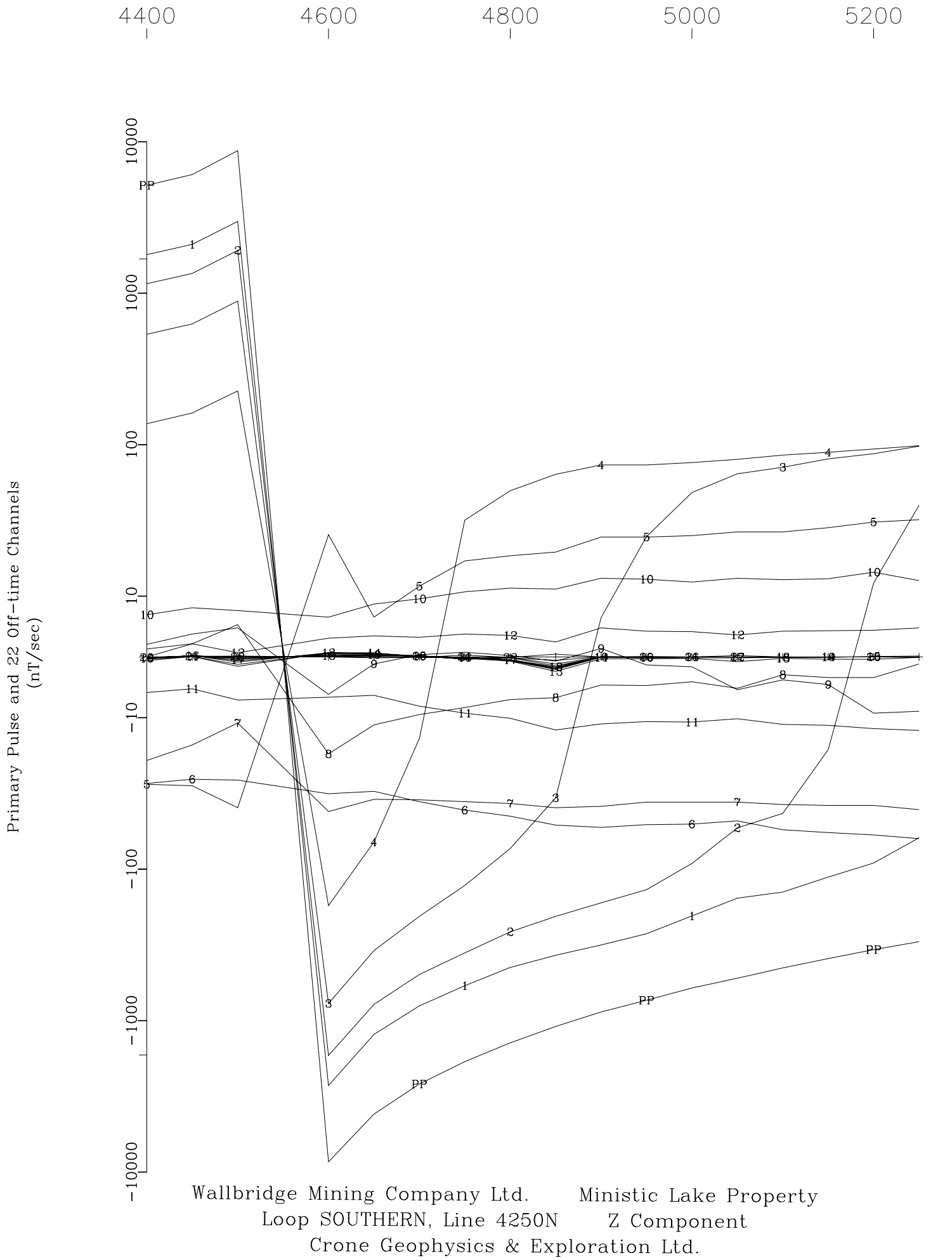
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 3850N X Component
Crone Geophysics & Exploration Ltd.



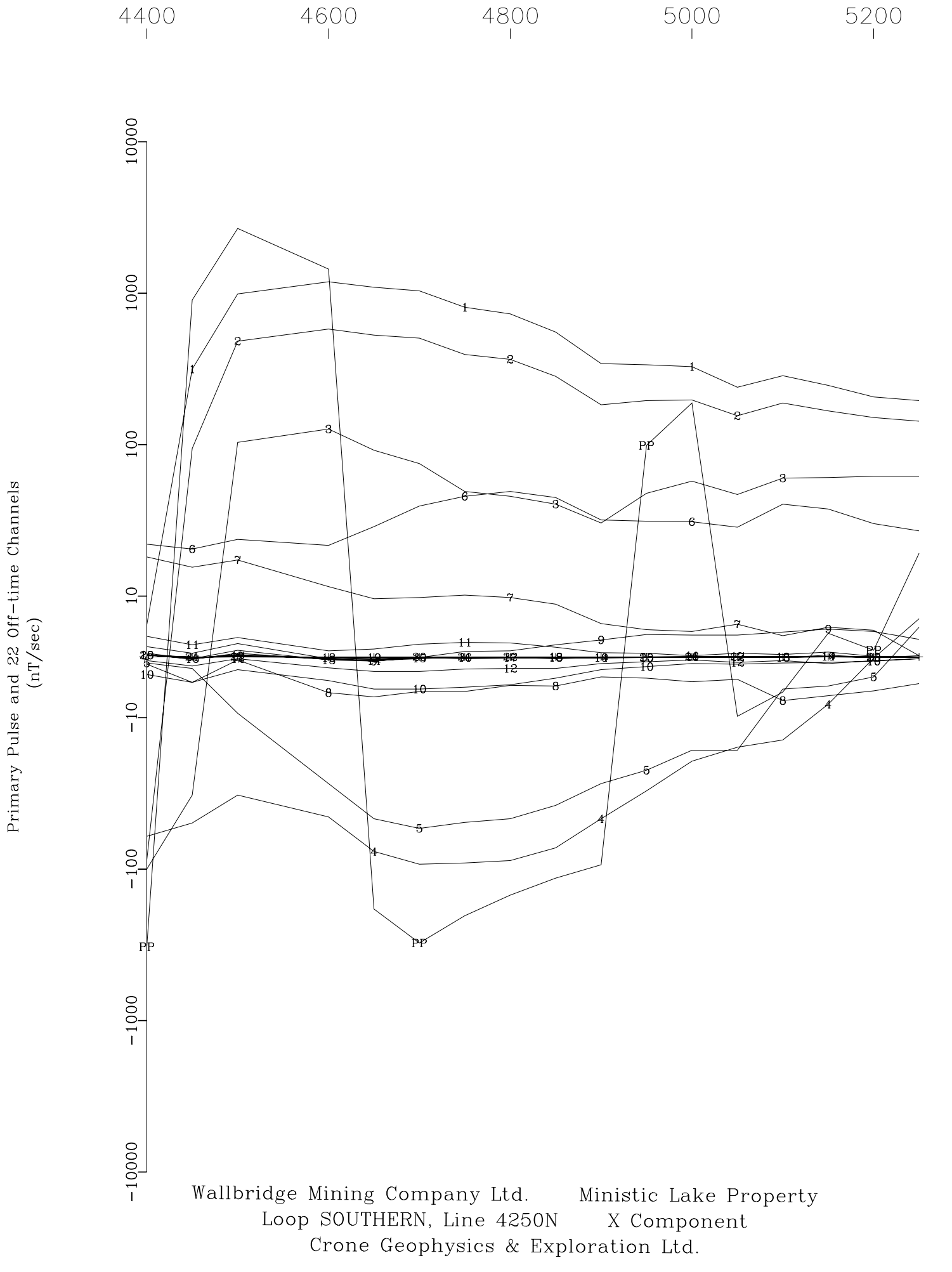
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4050N Z Component
Crone Geophysics & Exploration Ltd.



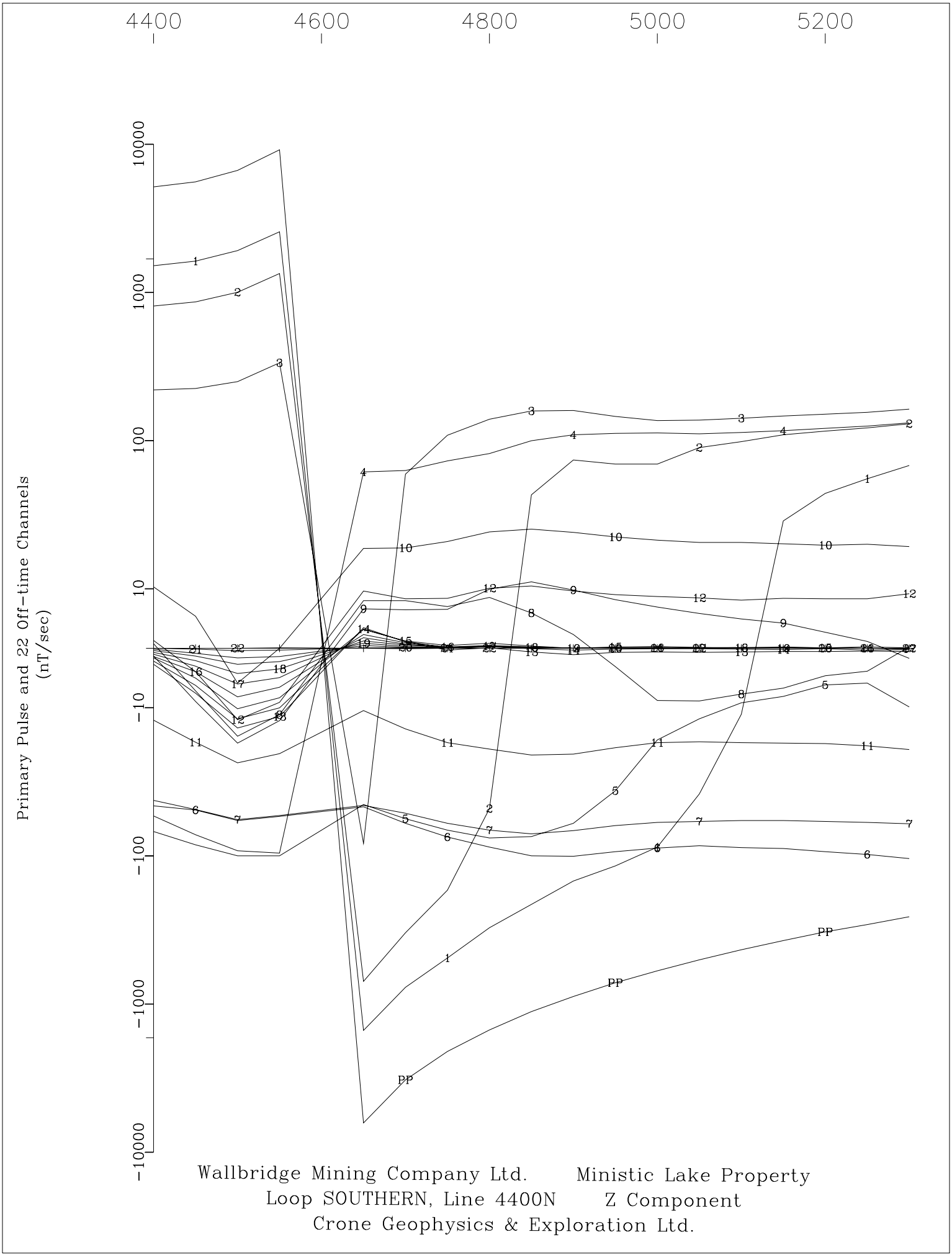
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4050N X Component
Crone Geophysics & Exploration Ltd.



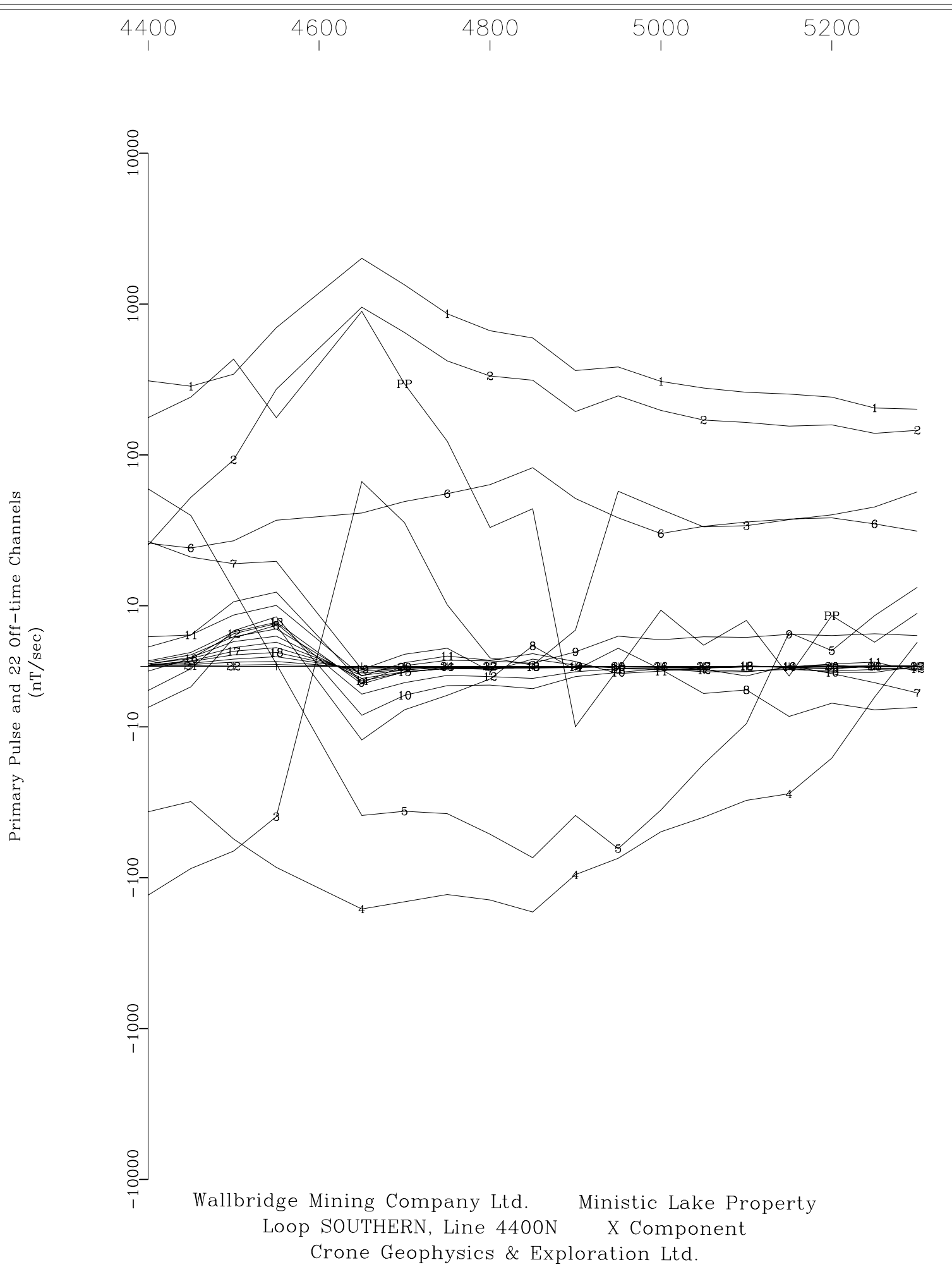
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4250N Z Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4250N X Component
Crone Geophysics & Exploration Ltd.

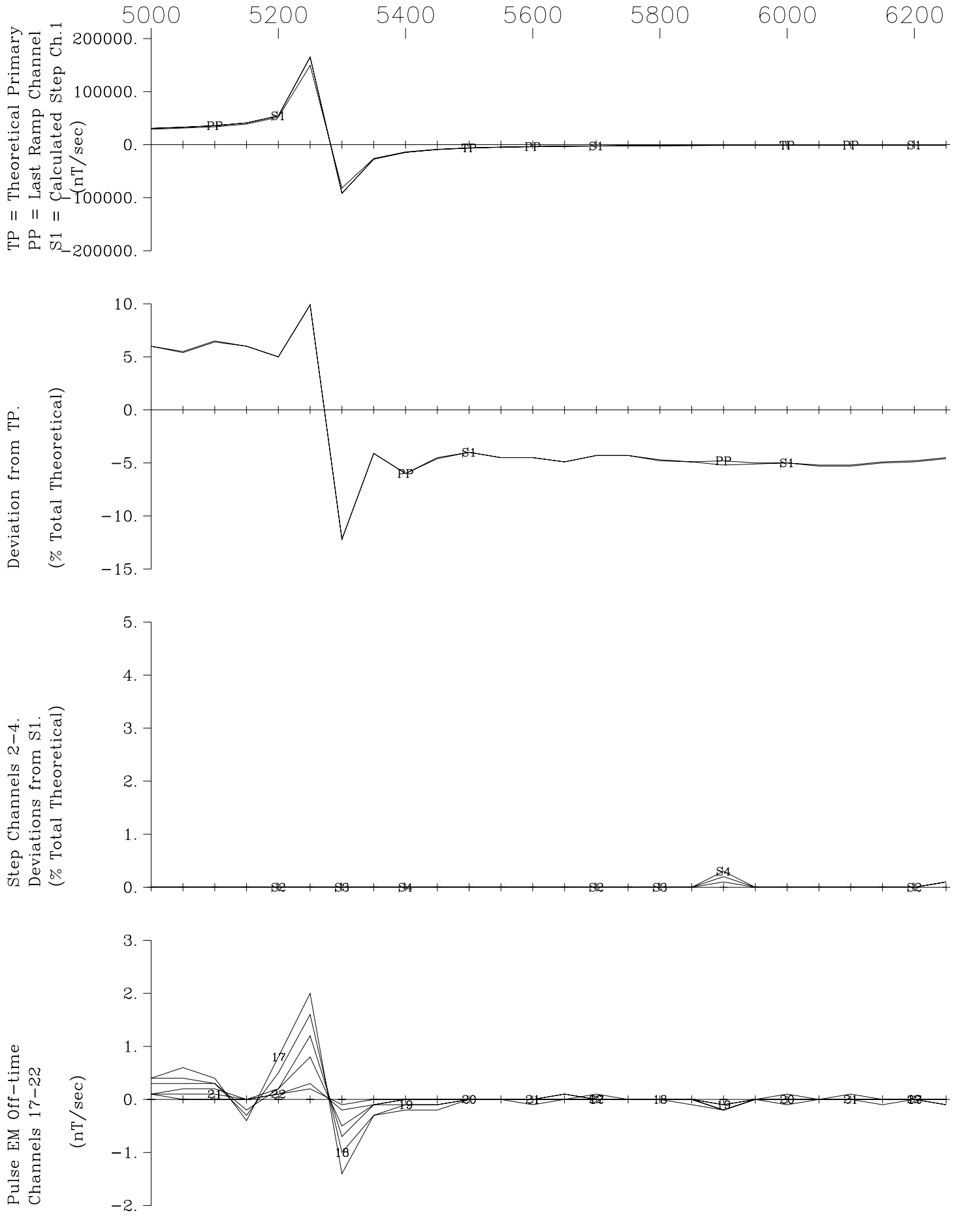


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4400N Z Component
Crone Geophysics & Exploration Ltd.

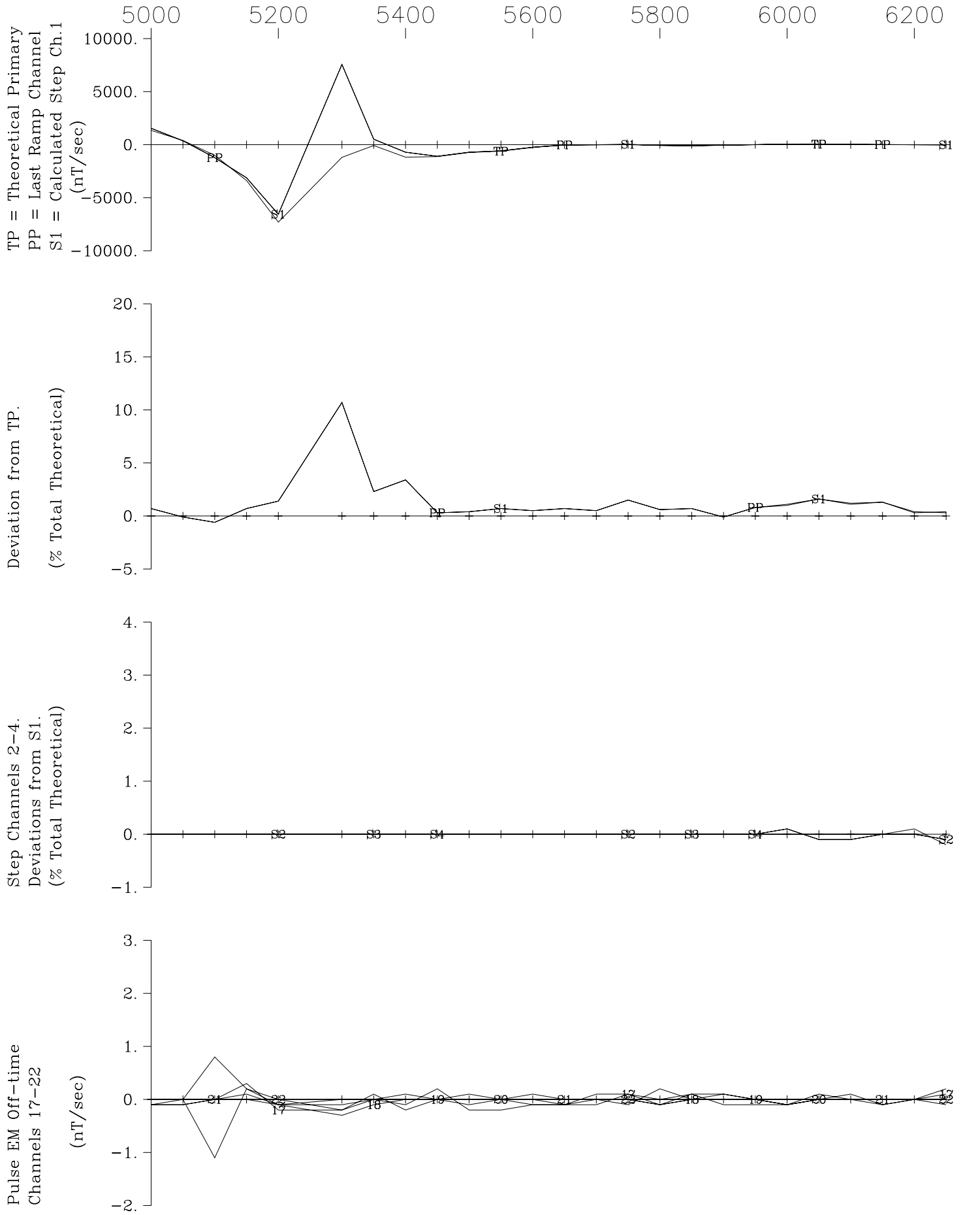


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4400N X Component
Crone Geophysics & Exploration Ltd.

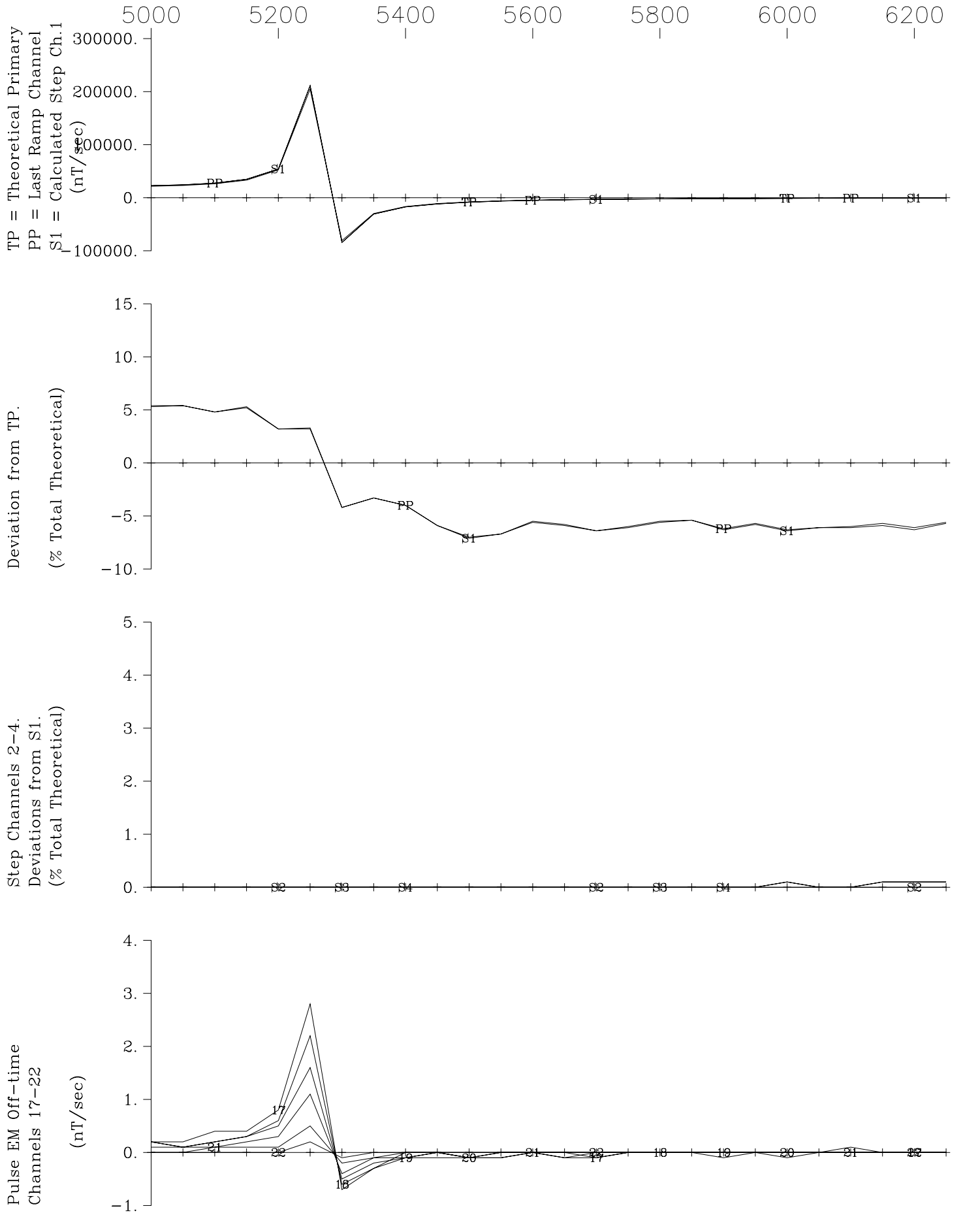
Appendix 5: Step Response Data Profiles



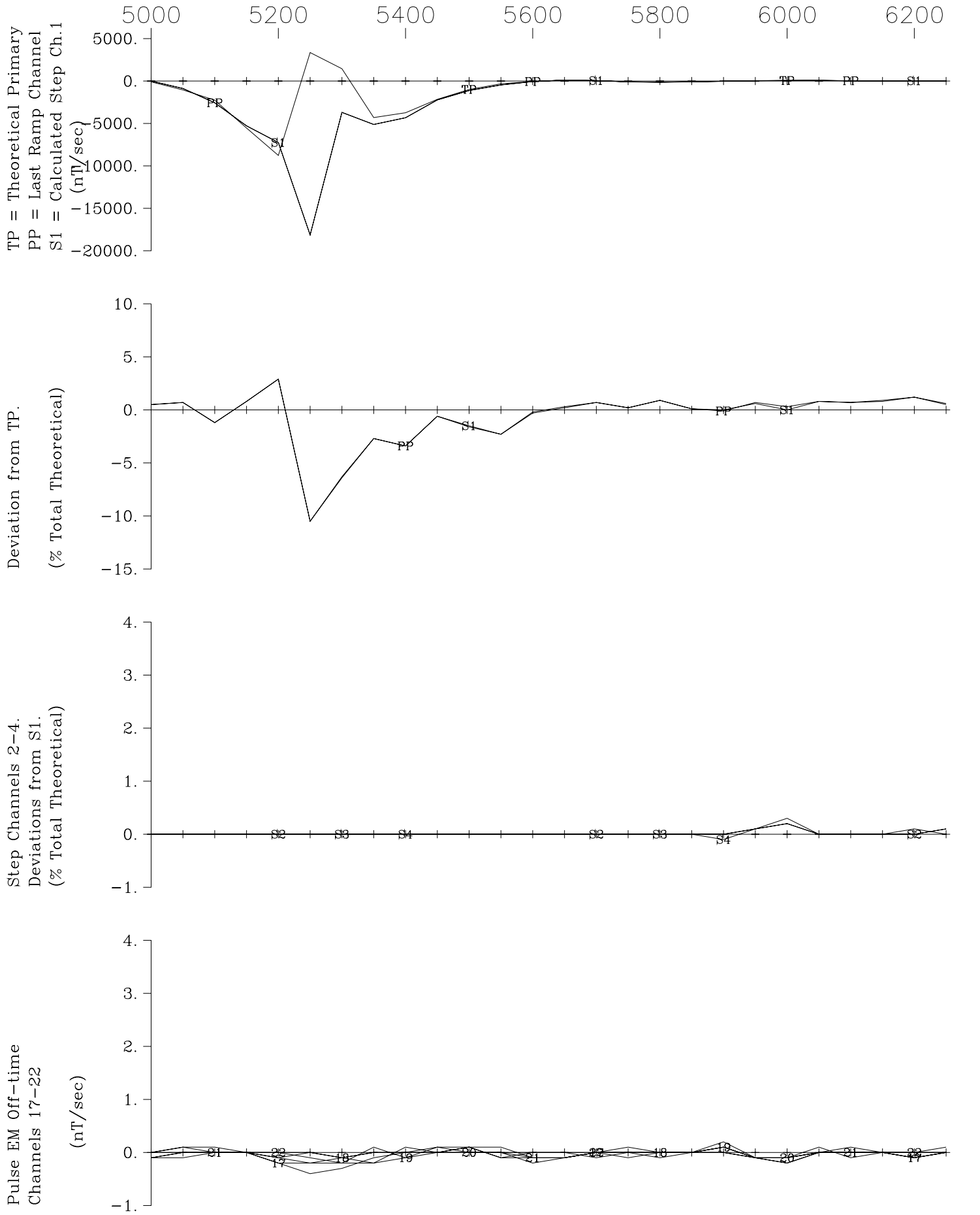
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 6875N Z Component
Crone Geophysics & Exploration Ltd.



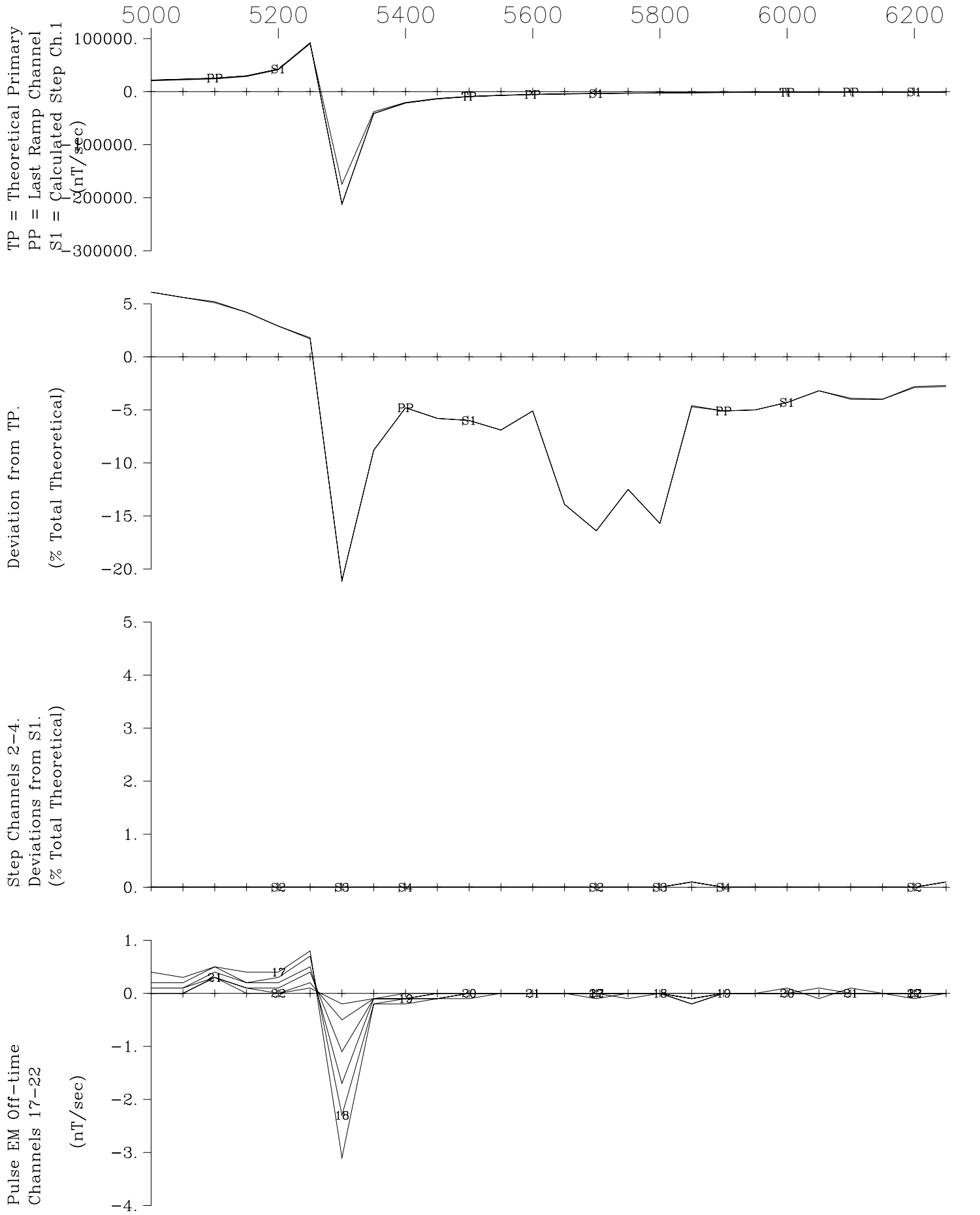
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 6875N X Component
Crone Geophysics & Exploration Ltd.



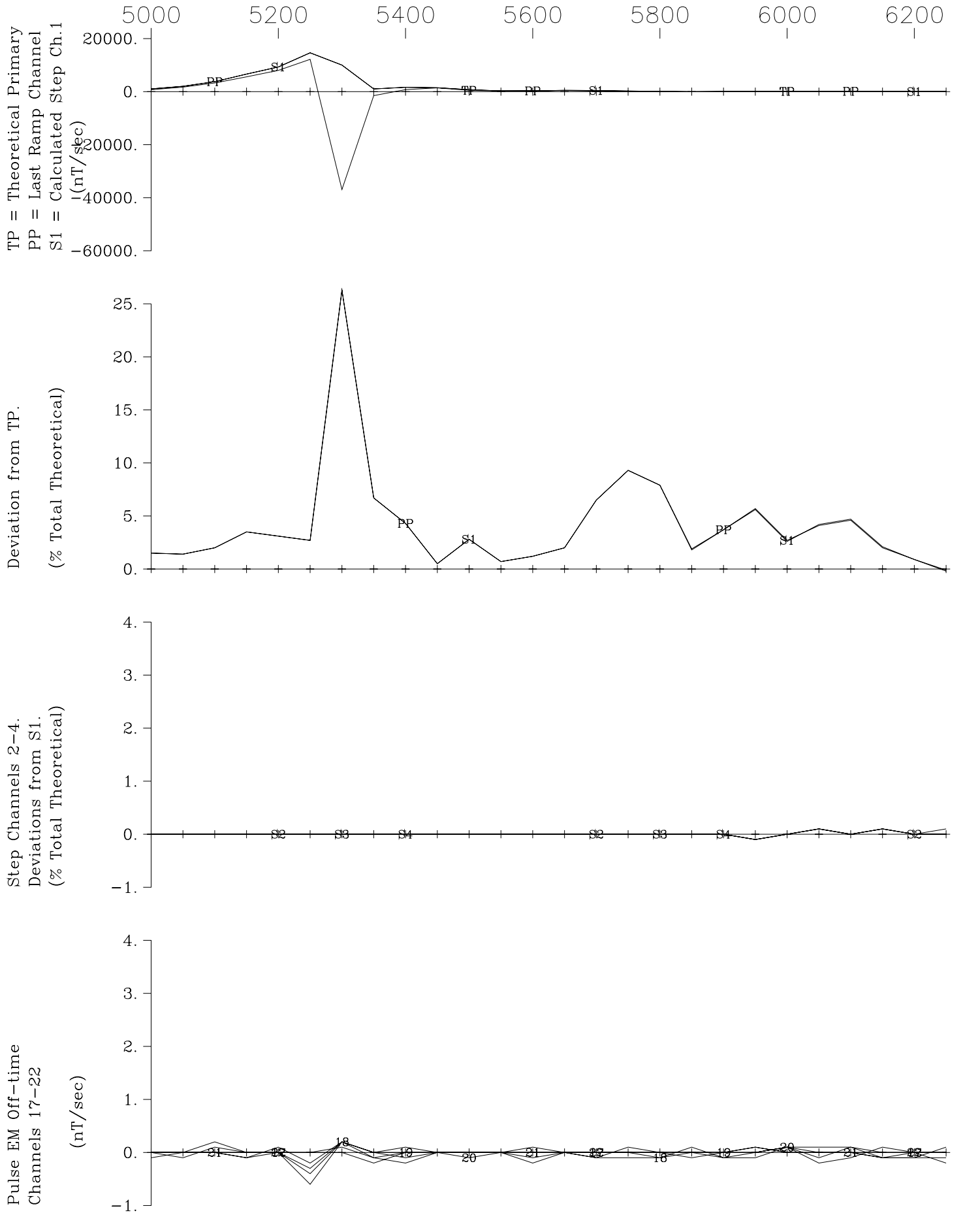
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7150N Z Component
Crone Geophysics & Exploration Ltd.



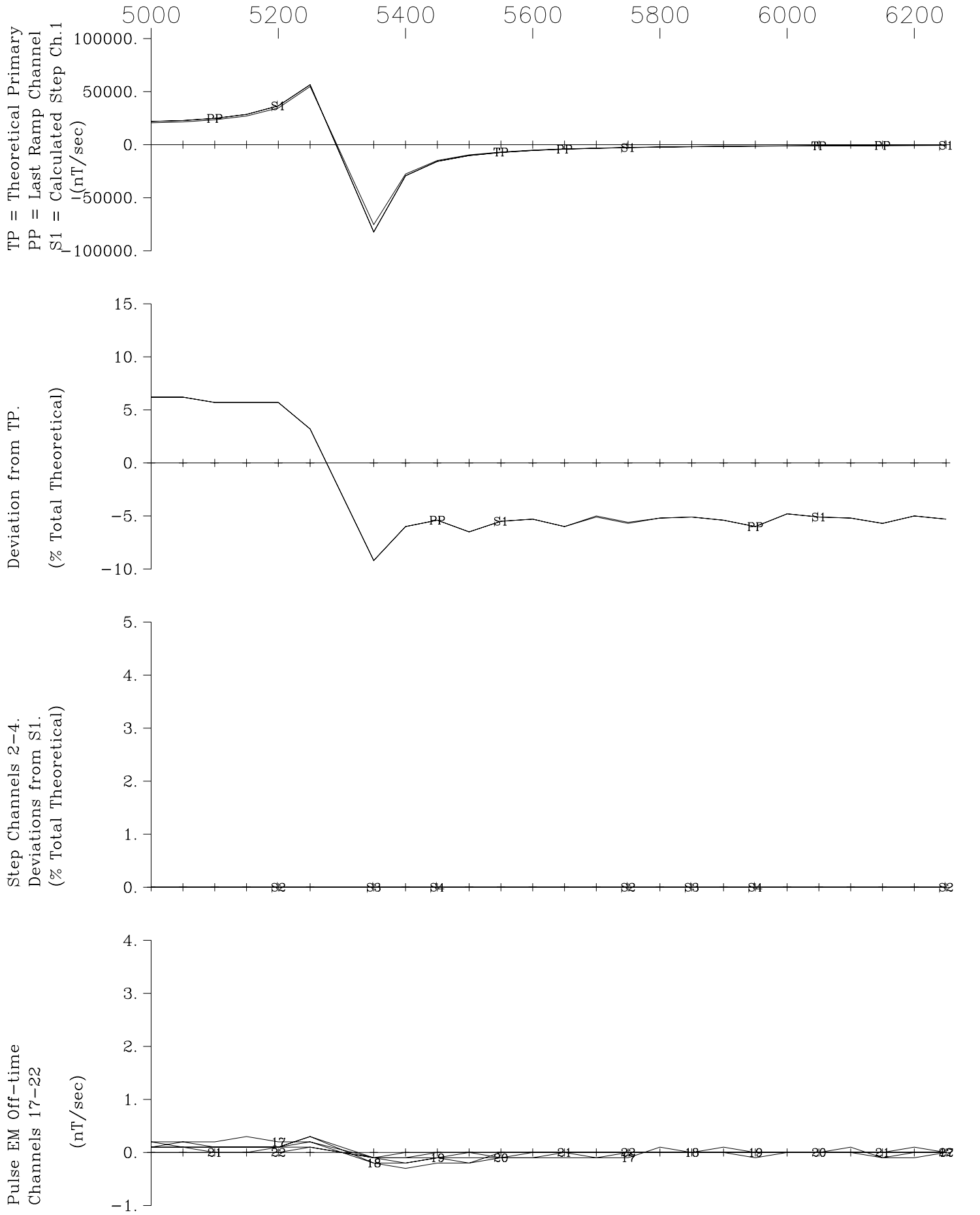
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7150N X Component
Crone Geophysics & Exploration Ltd.



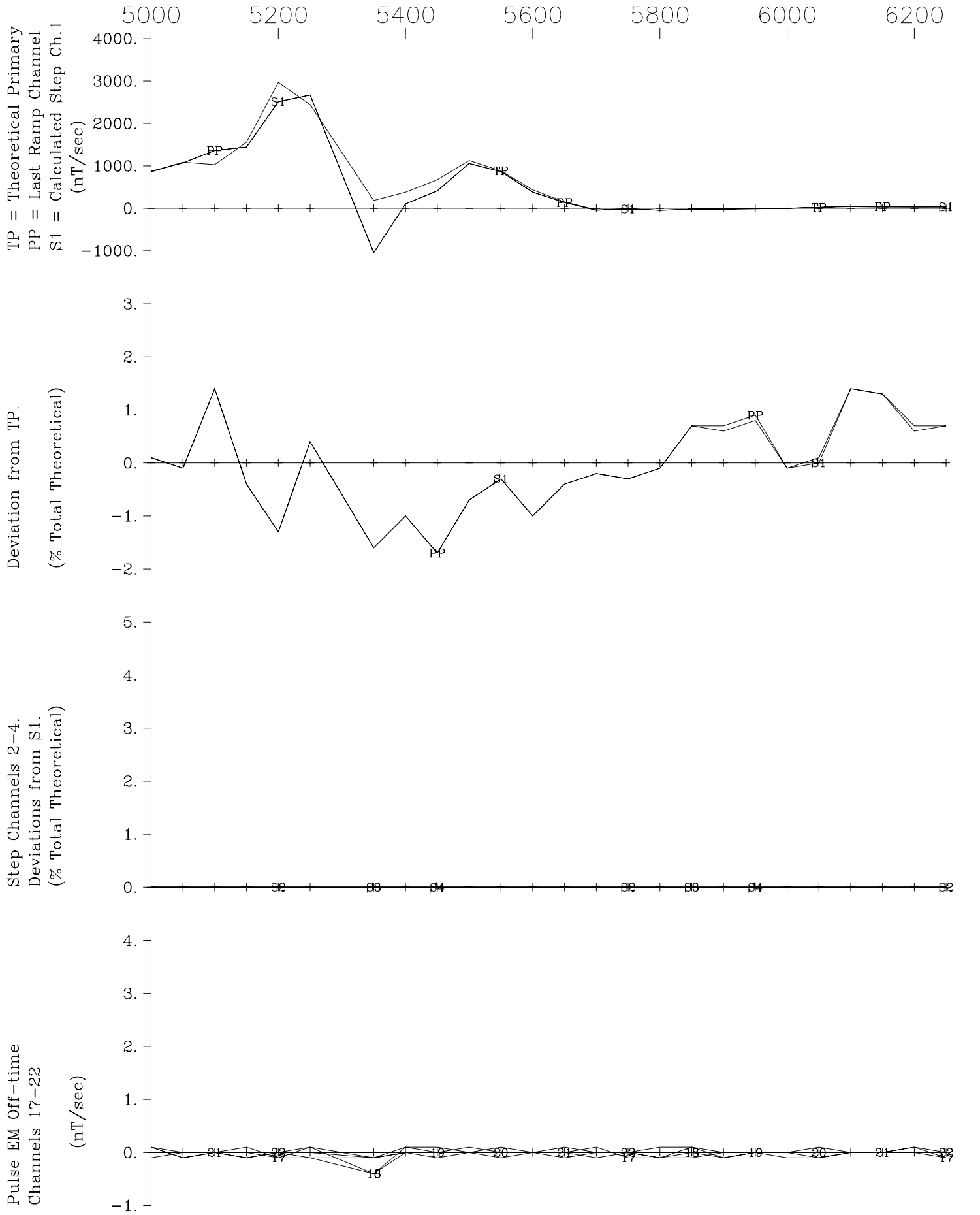
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7450N Z Component
Crone Geophysics & Exploration Ltd.



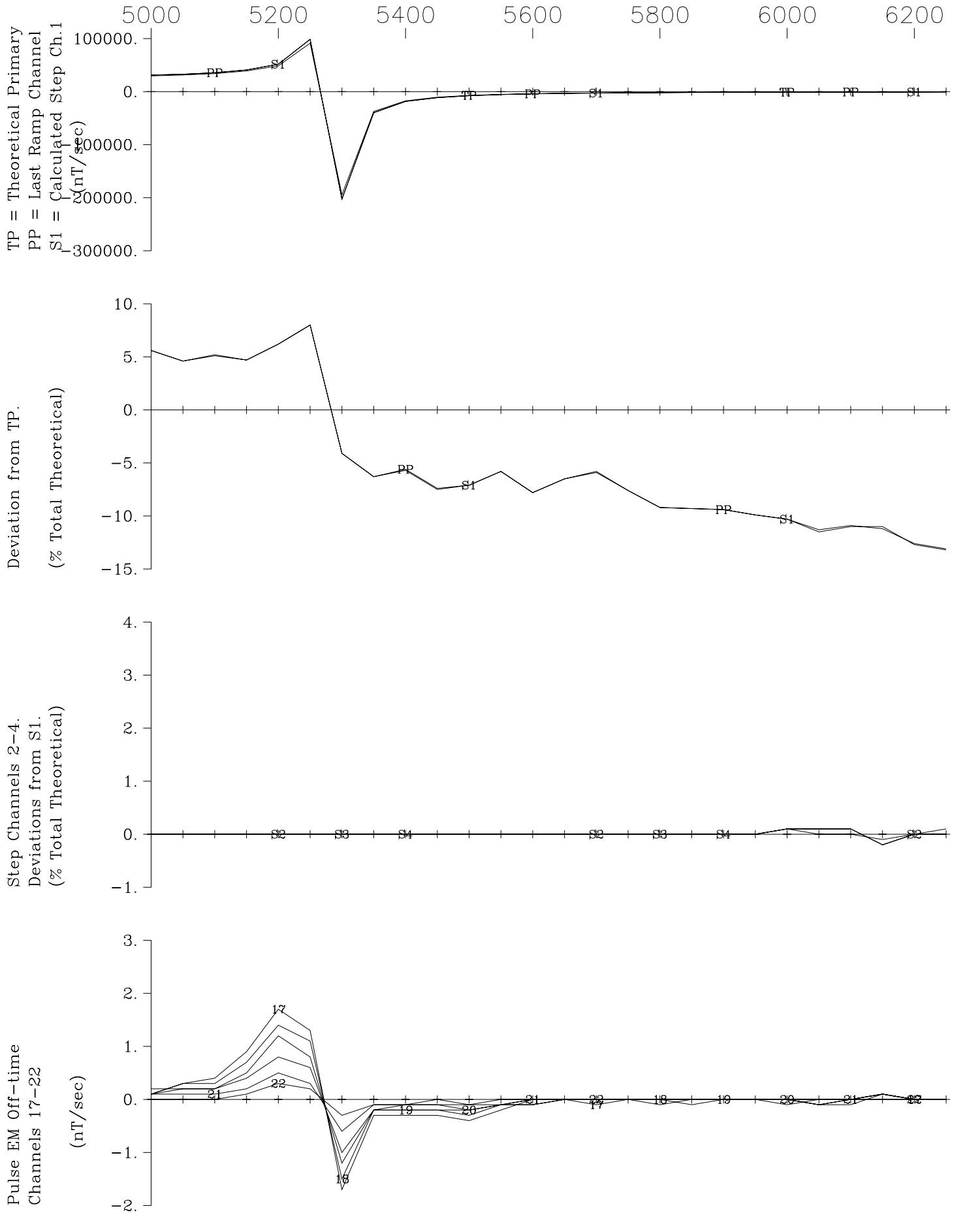
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7450N X Component
Crone Geophysics & Exploration Ltd.



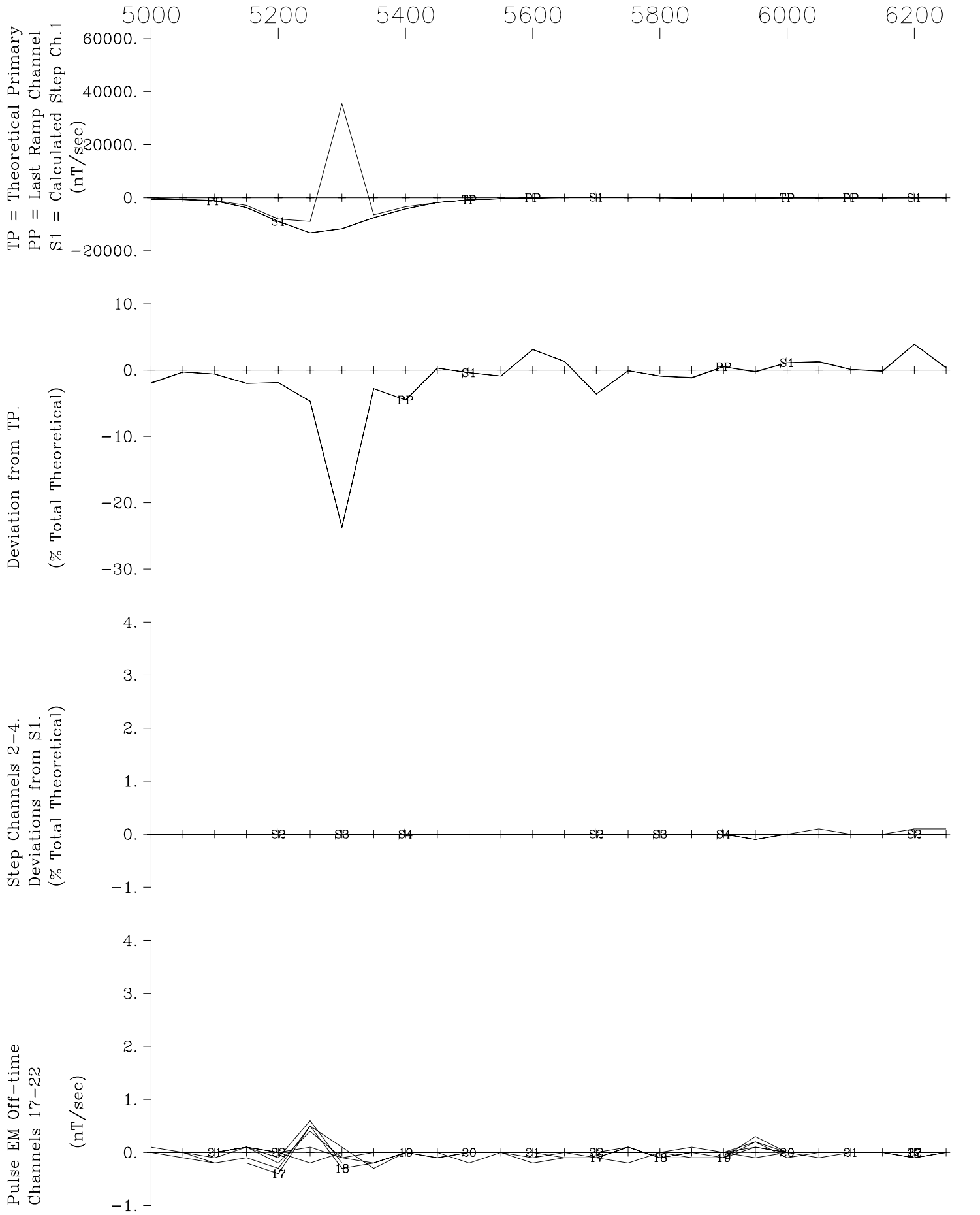
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7750N Z Component
Crone Geophysics & Exploration Ltd.



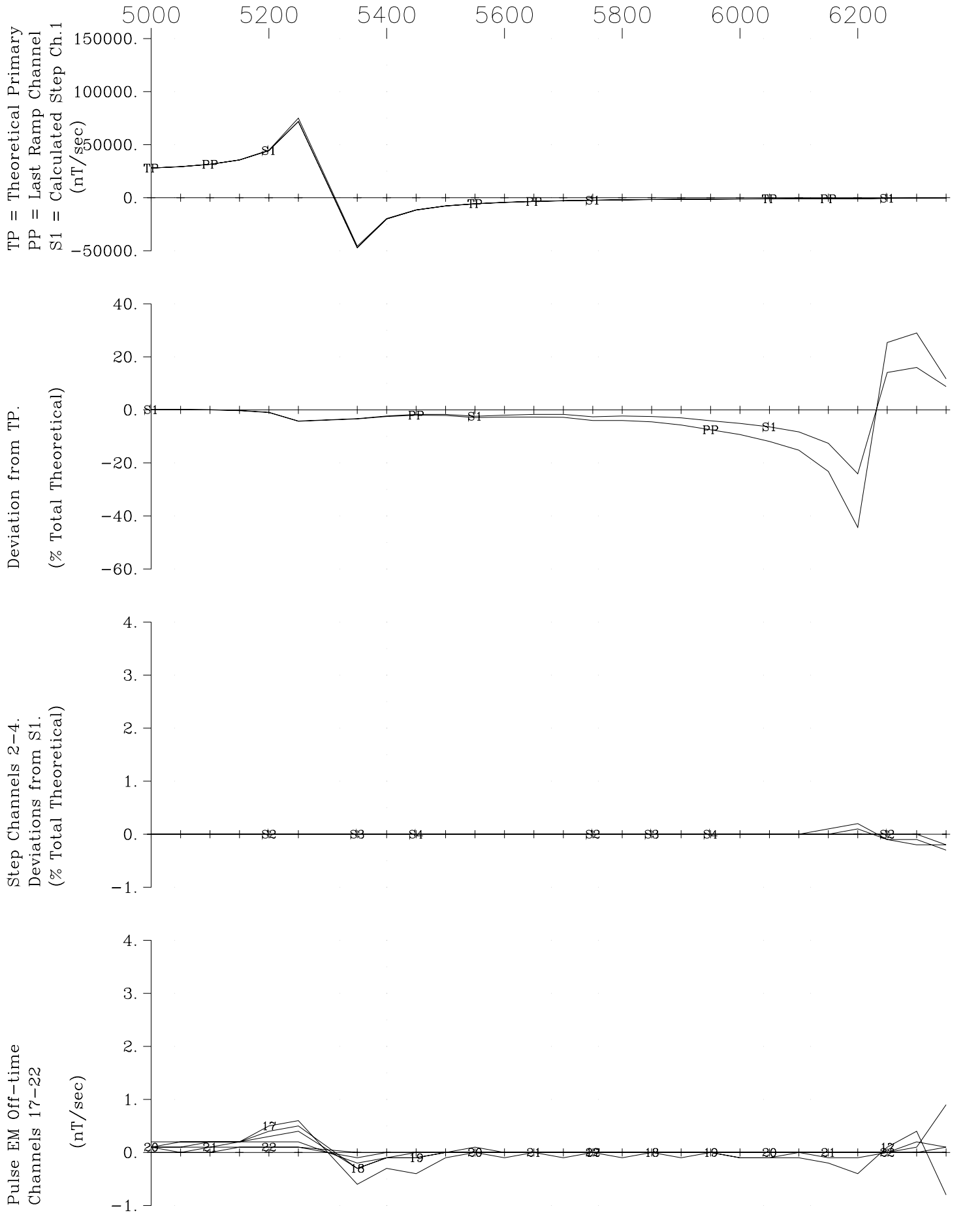
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 7750N X Component
Crone Geophysics & Exploration Ltd.



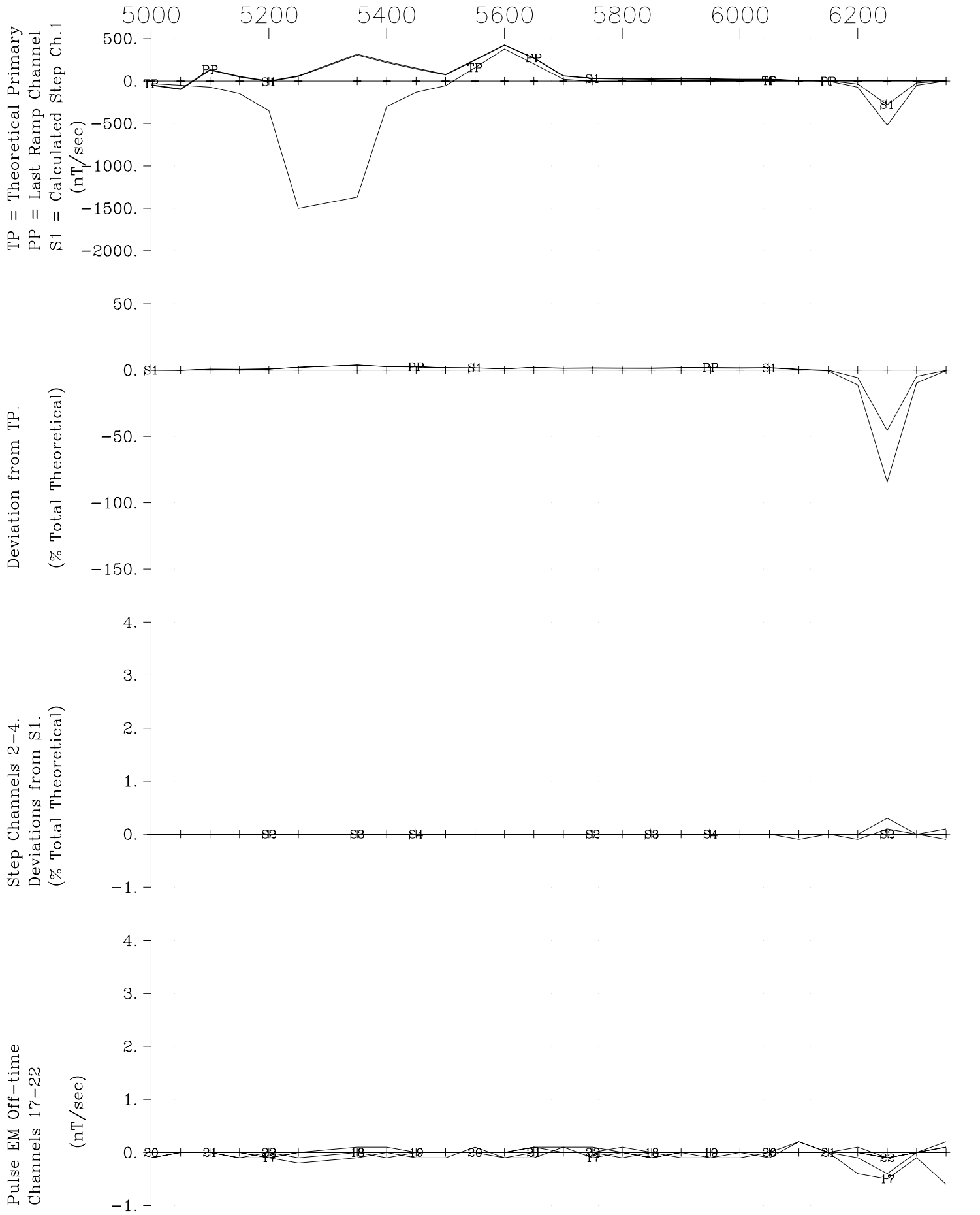
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 8050N Z Component
Crone Geophysics & Exploration Ltd.



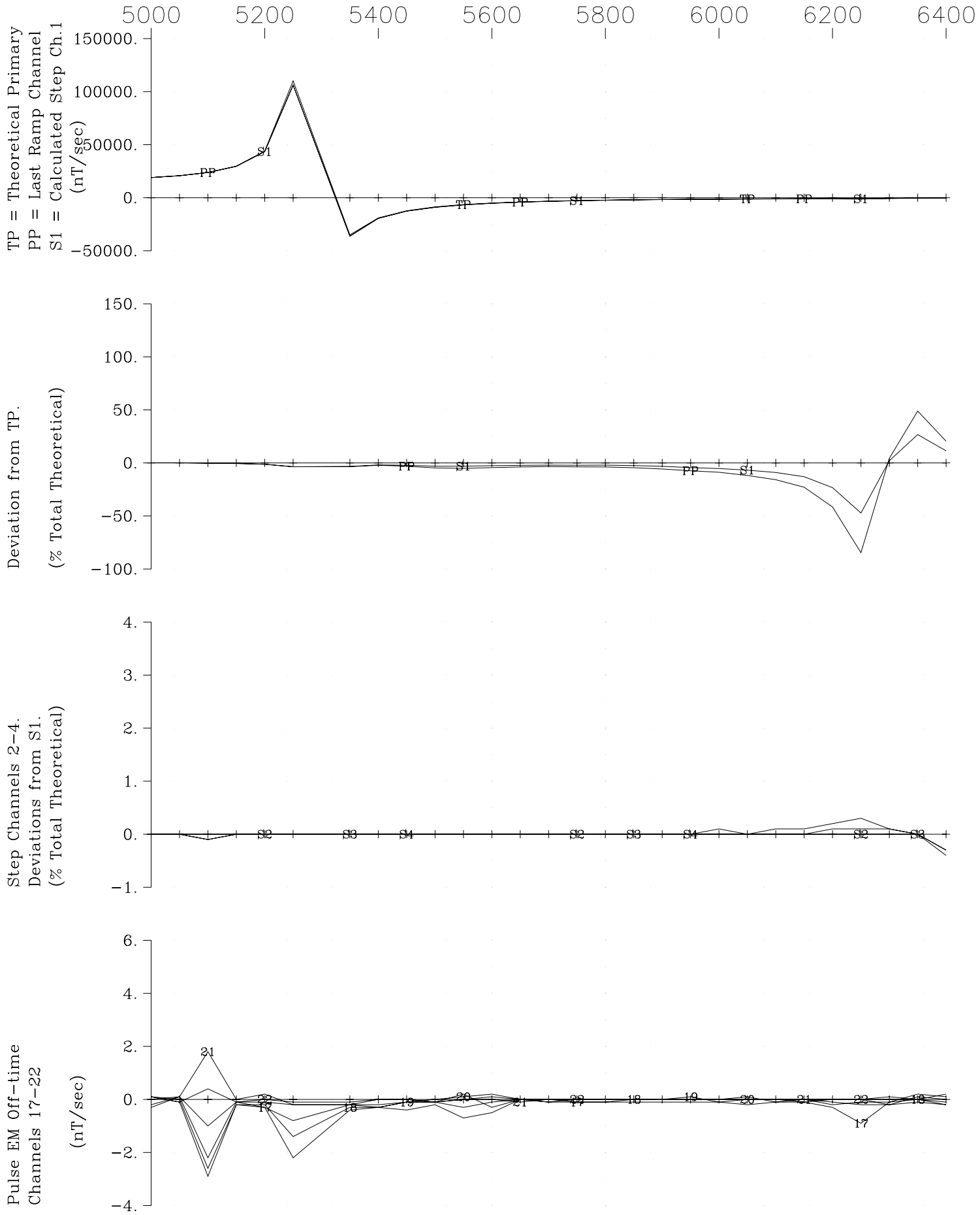
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop NORTHERN, Line 8050N X Component
Crone Geophysics & Exploration Ltd.



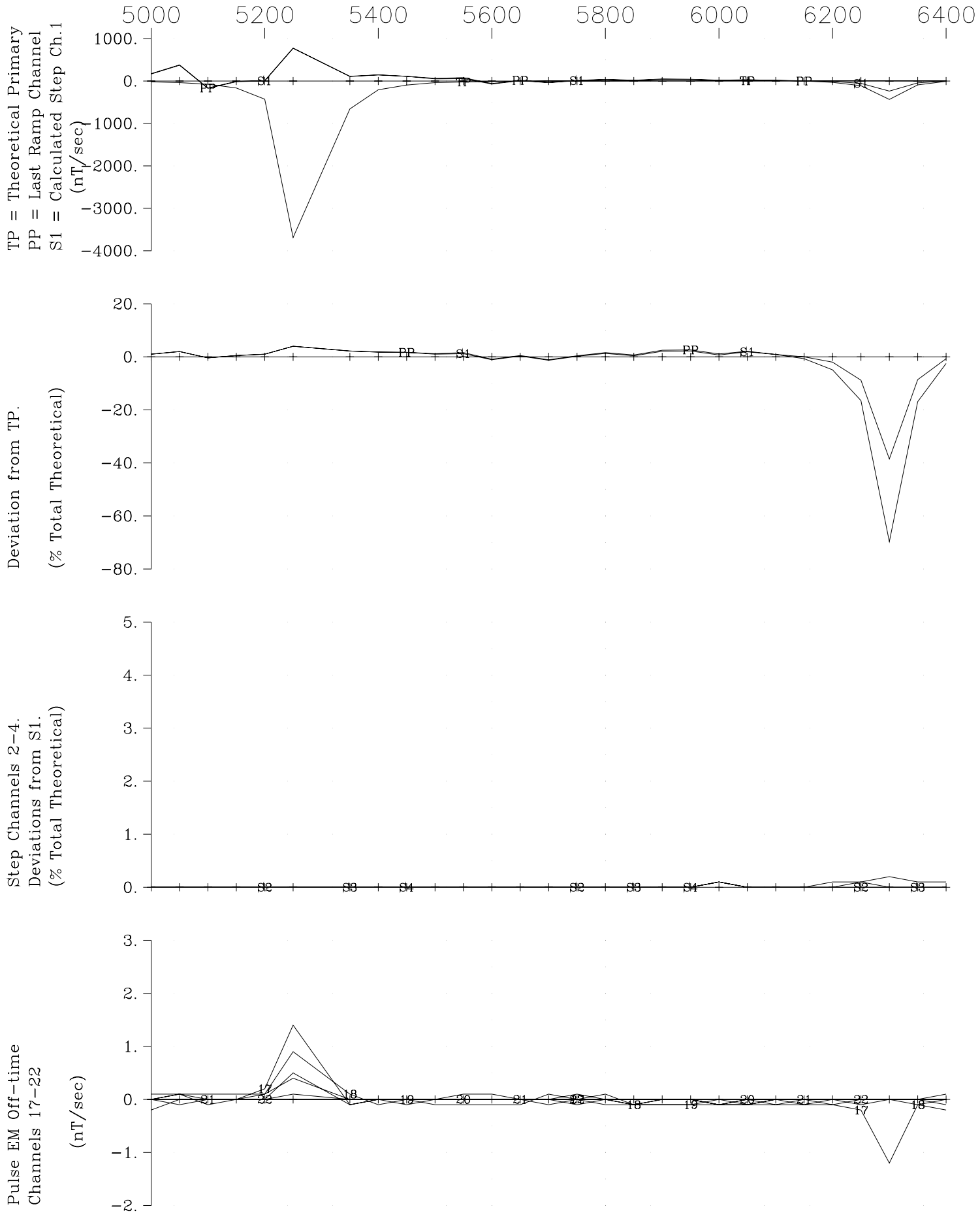
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5000N Z Component
Crone Geophysics & Exploration Ltd.



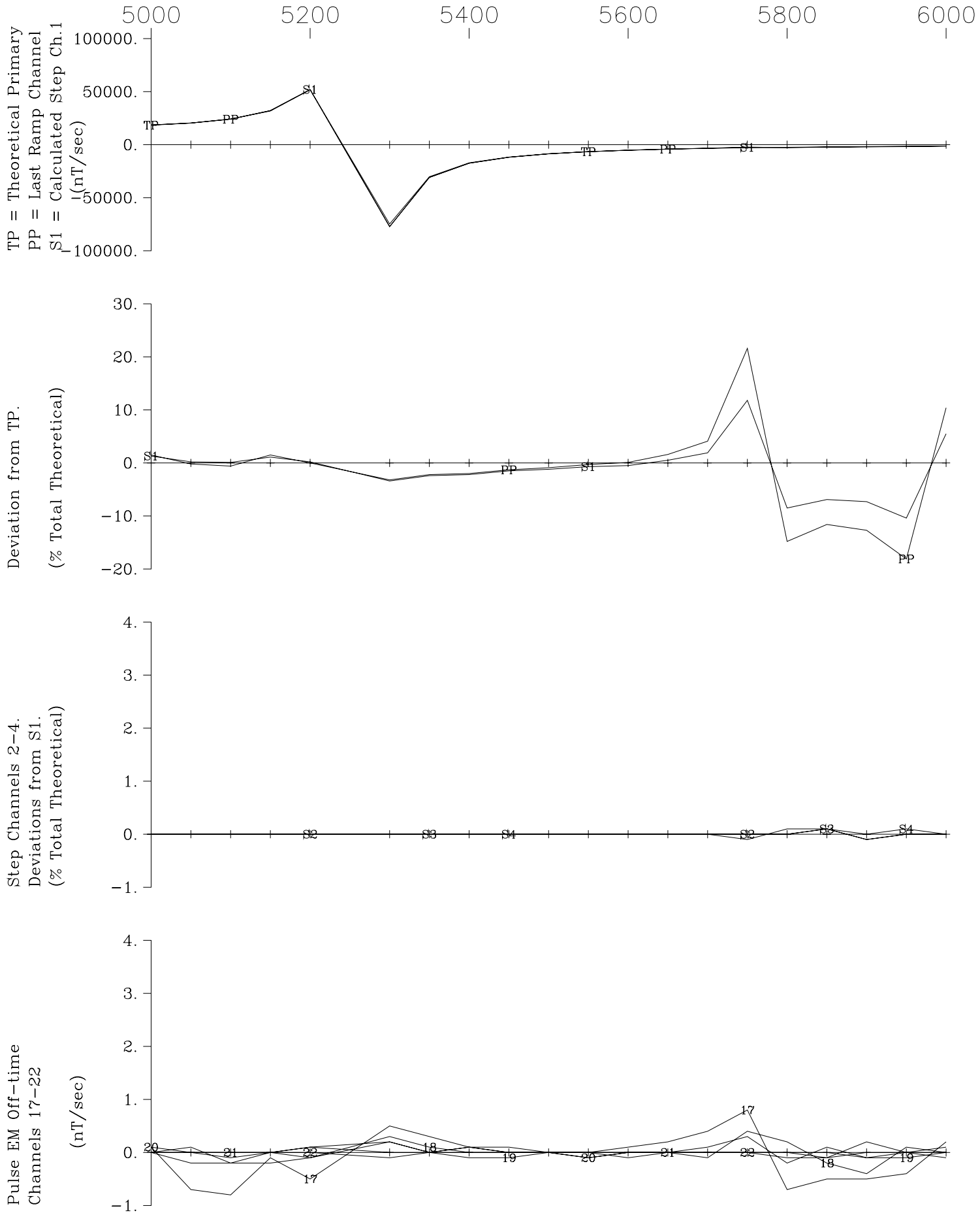
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5000N X Component
Crone Geophysics & Exploration Ltd.



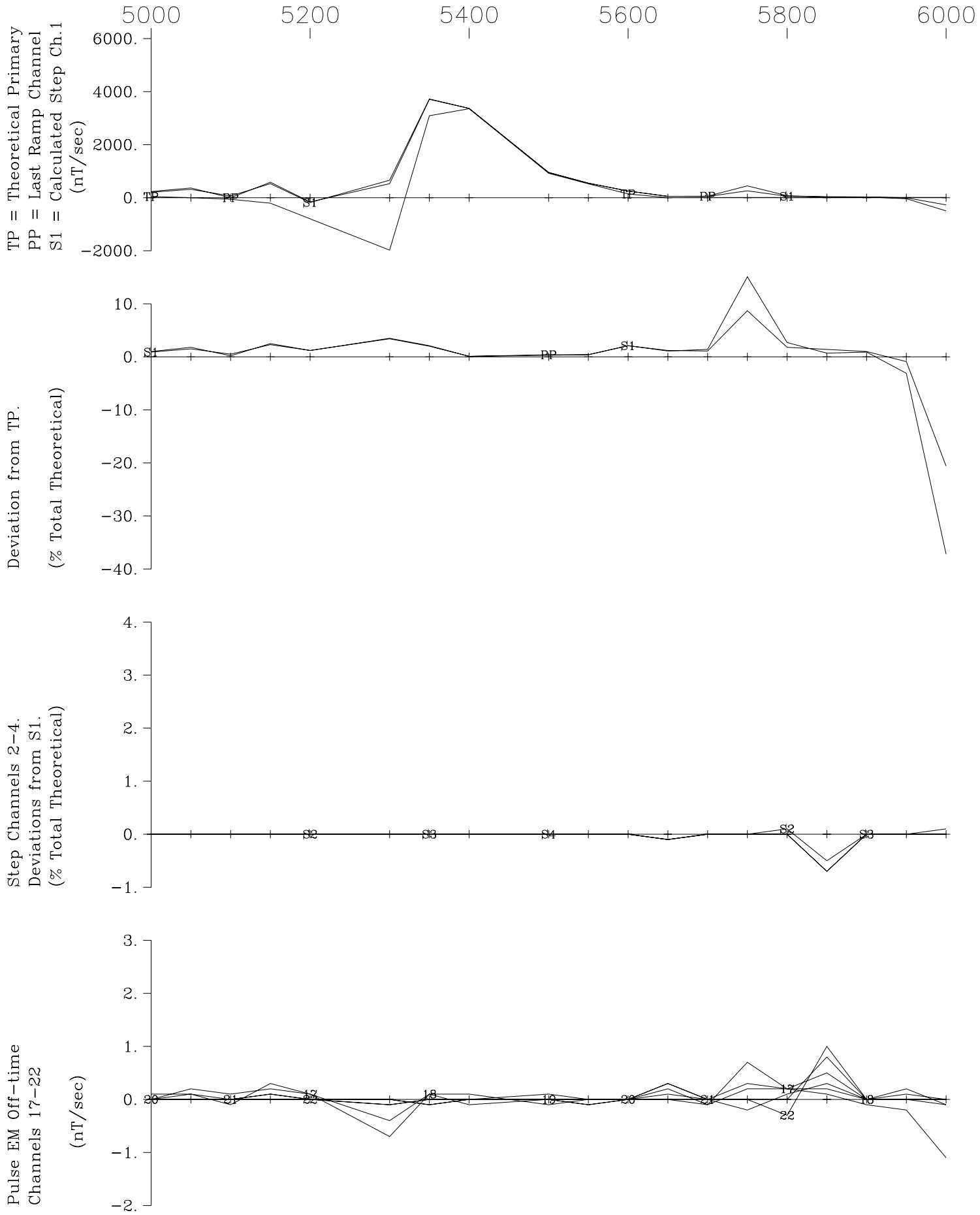
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5300N Z Component
Crone Geophysics & Exploration Ltd.



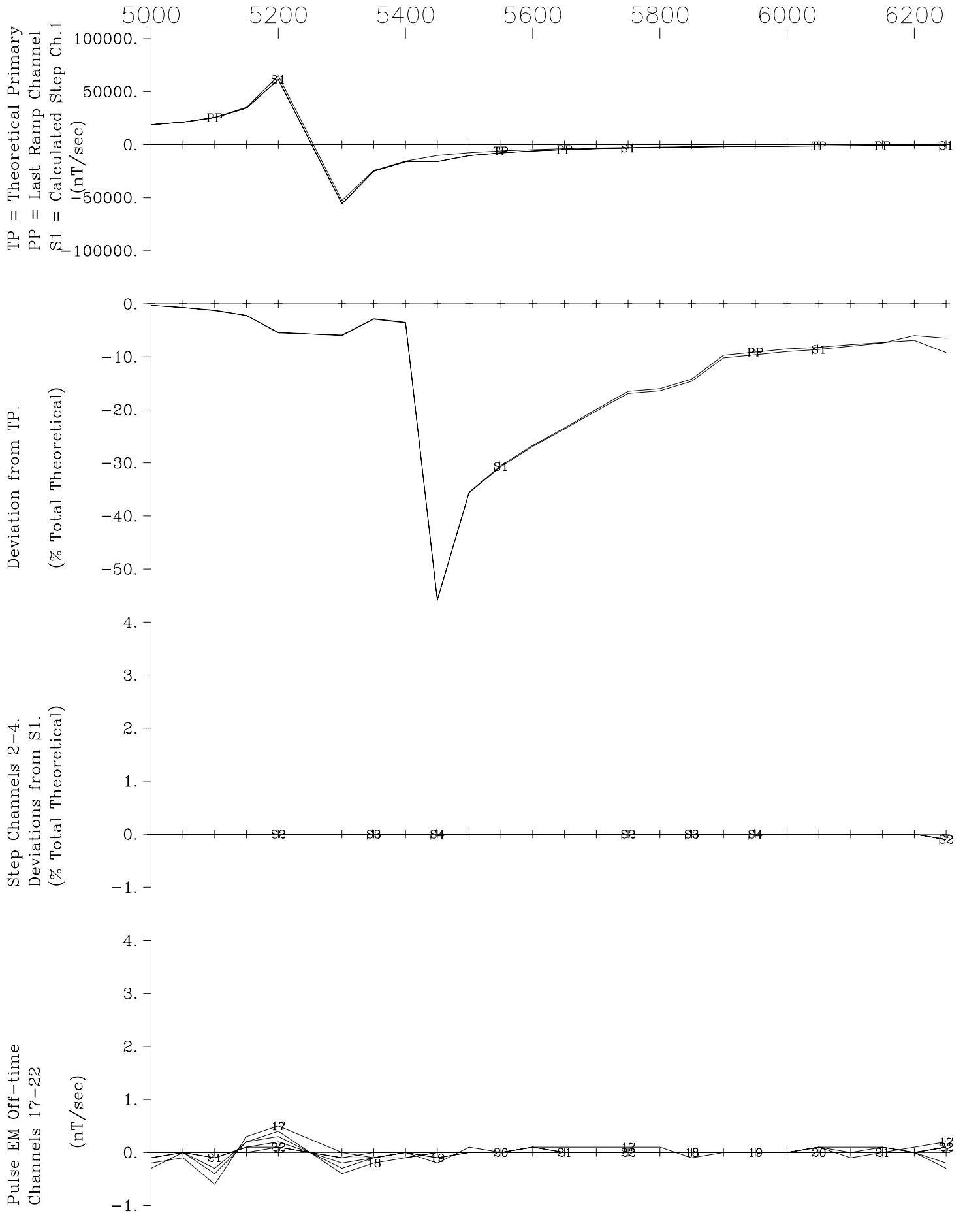
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5300N X Component
Crone Geophysics & Exploration Ltd.



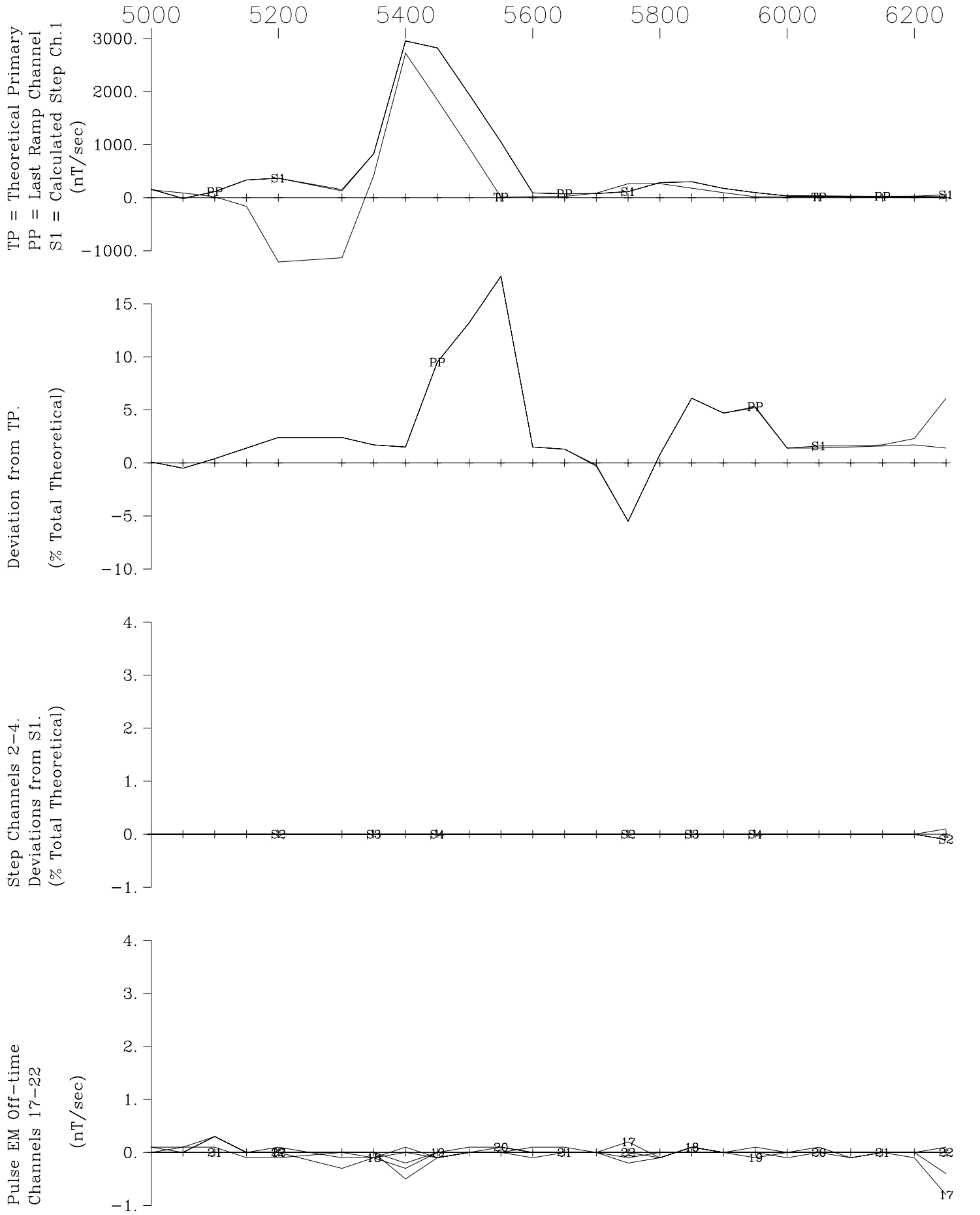
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5600N Z Component
Crone Geophysics & Exploration Ltd.

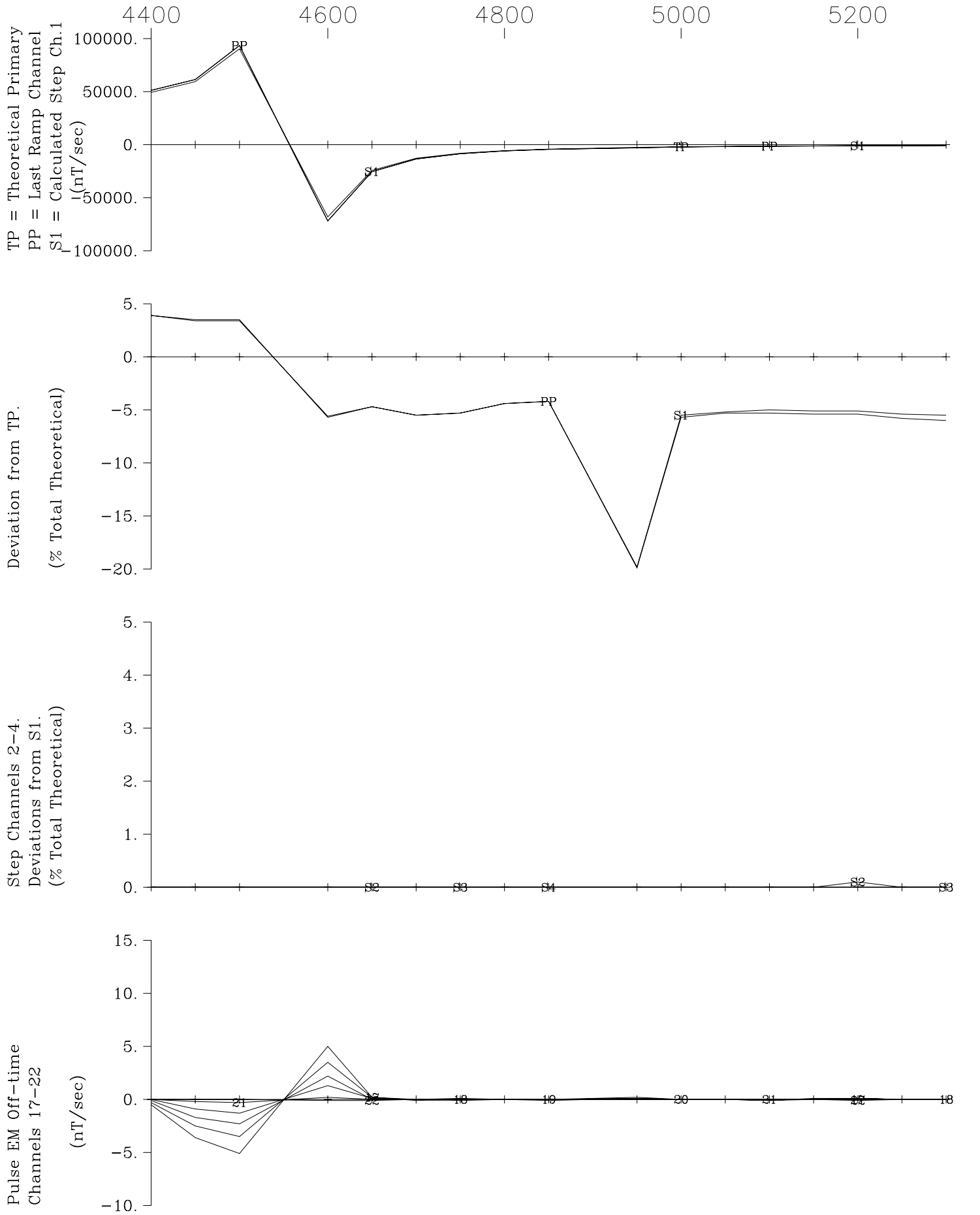


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5600N X Component
Crone Geophysics & Exploration Ltd.

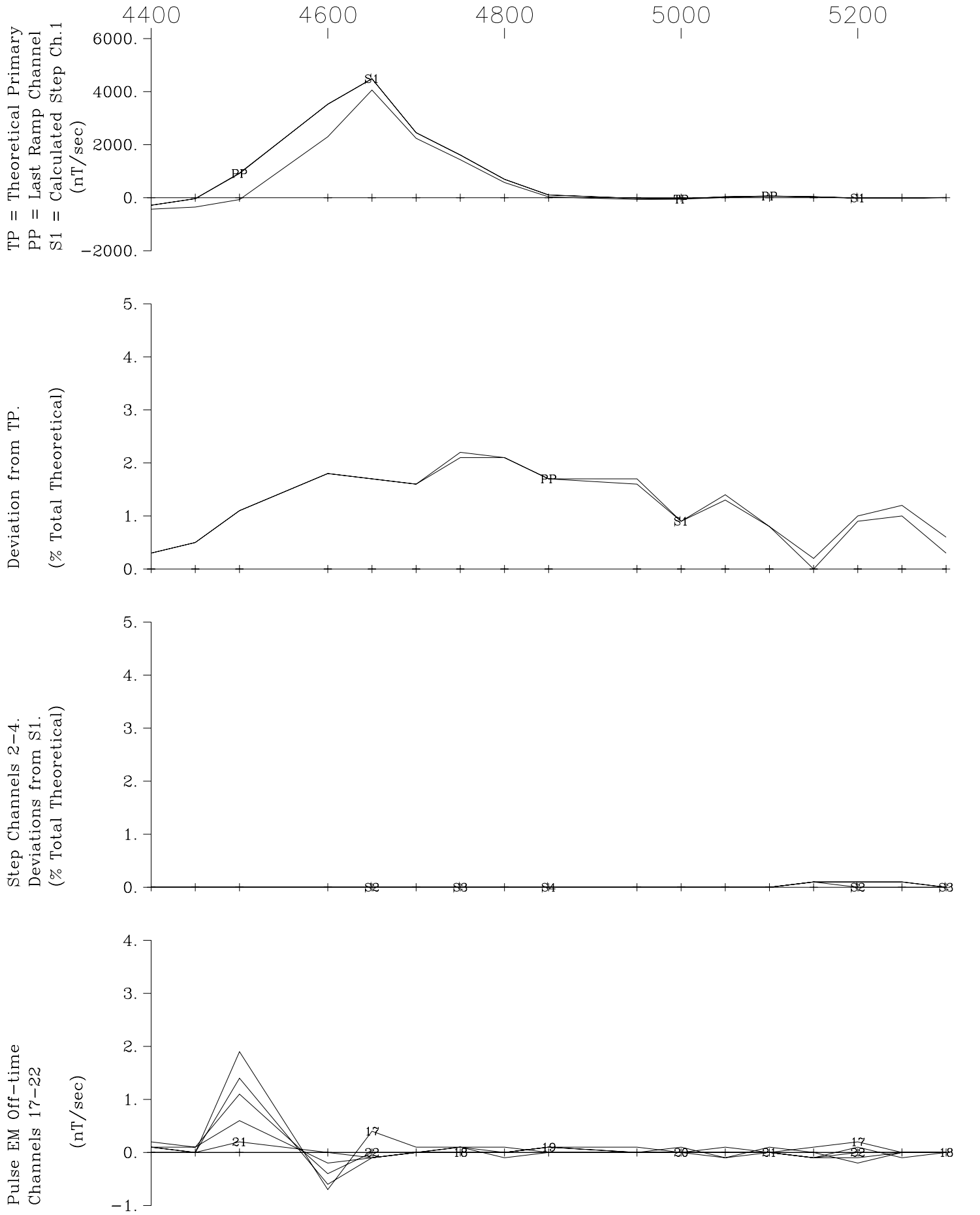


Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5900N Z Component
Crone Geophysics & Exploration Ltd.

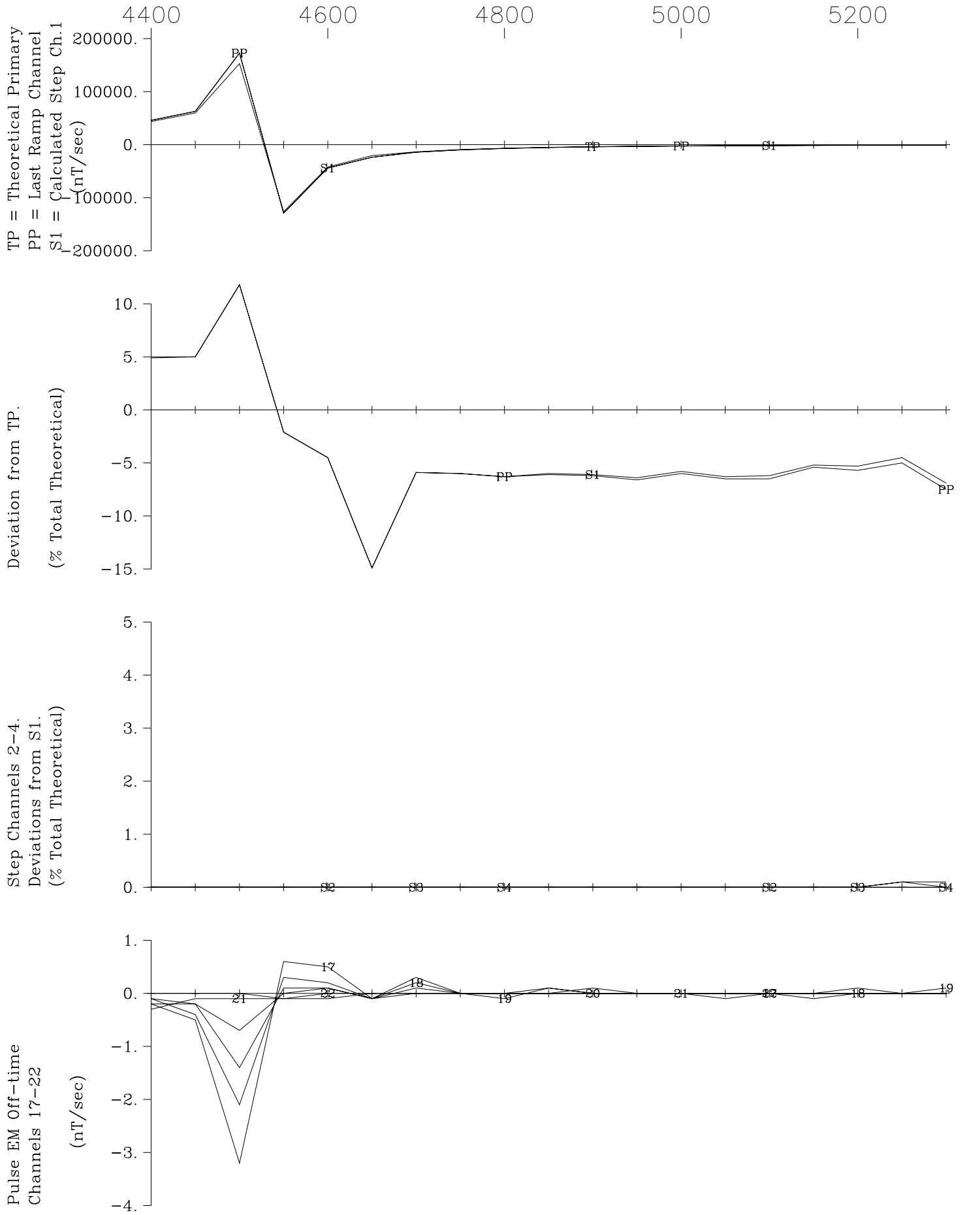

5000
5200
5400
5600
5800
6000
6200
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1
(nT/sec)
3000.
2000.
1000.
0.
−1000.
PP
S1
TP
Deviation from TP.
(% Total Theoretical)
15.
10.
5.
0.
−5.
−10.
Step Channels 2−4.
Deviations from S1.
(% Total Theoretical)
4.
3.
2.
1.
0.
−1.
S2
S3
S4
Pulse EM Off−time
Channels 17−22
(nT/sec)
17
18
19
20
21
22
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop MIDDLE, Line 5900N X Component
Crone Geophysics & Exploration Ltd.



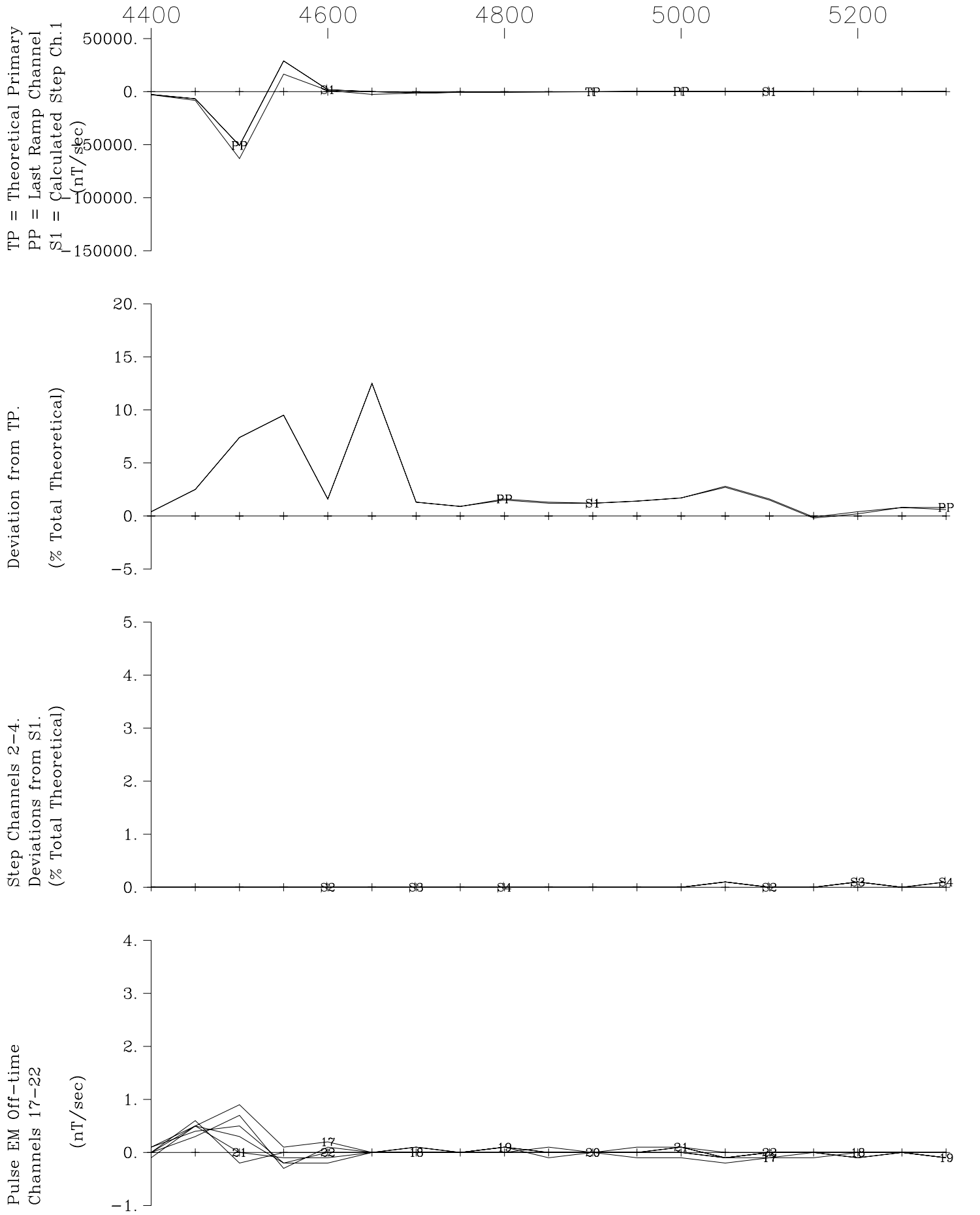
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 3850N Z Component
Crone Geophysics & Exploration Ltd.



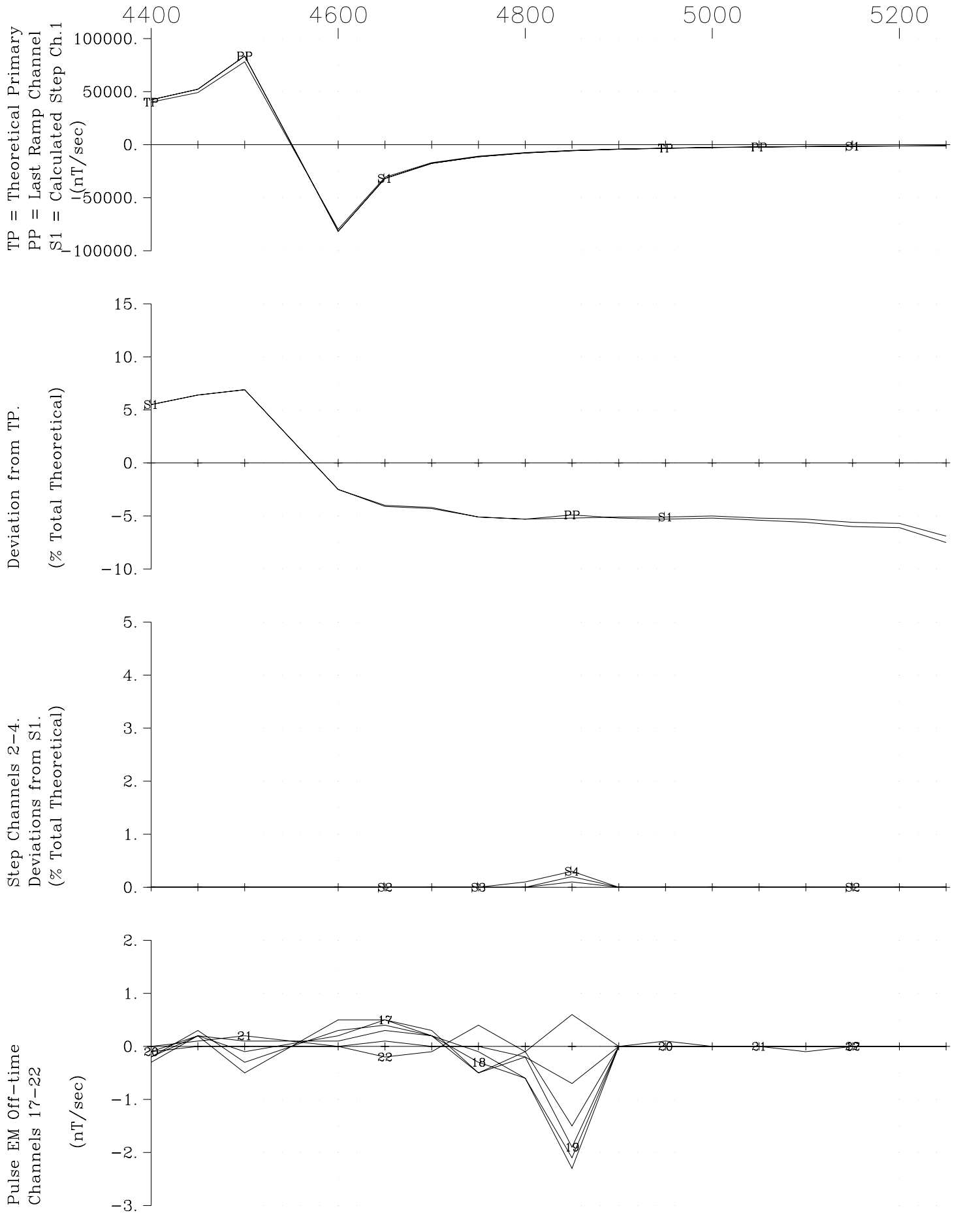
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 3850N X Component
Crone Geophysics & Exploration Ltd.



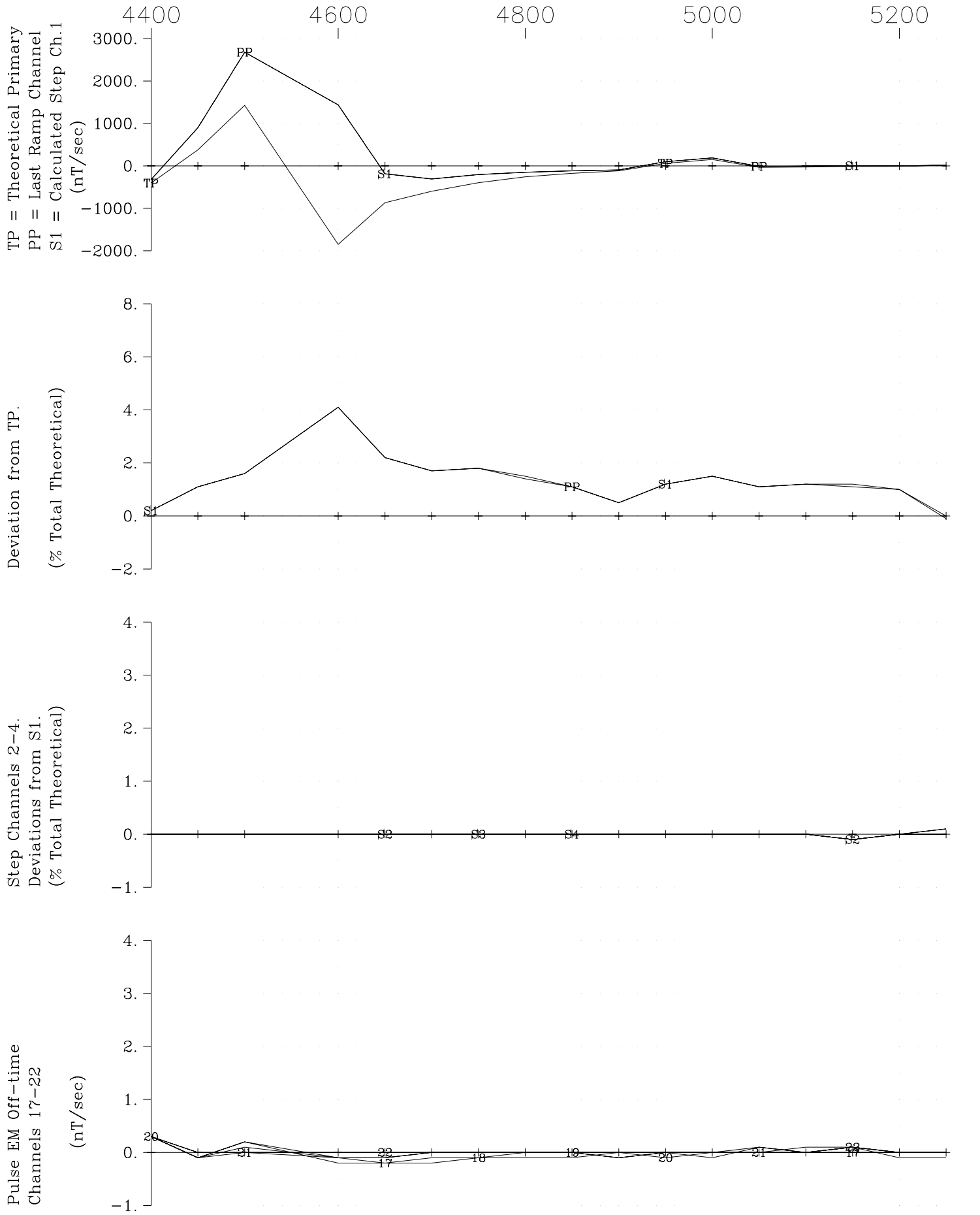
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4050N Z Component
Crone Geophysics & Exploration Ltd.



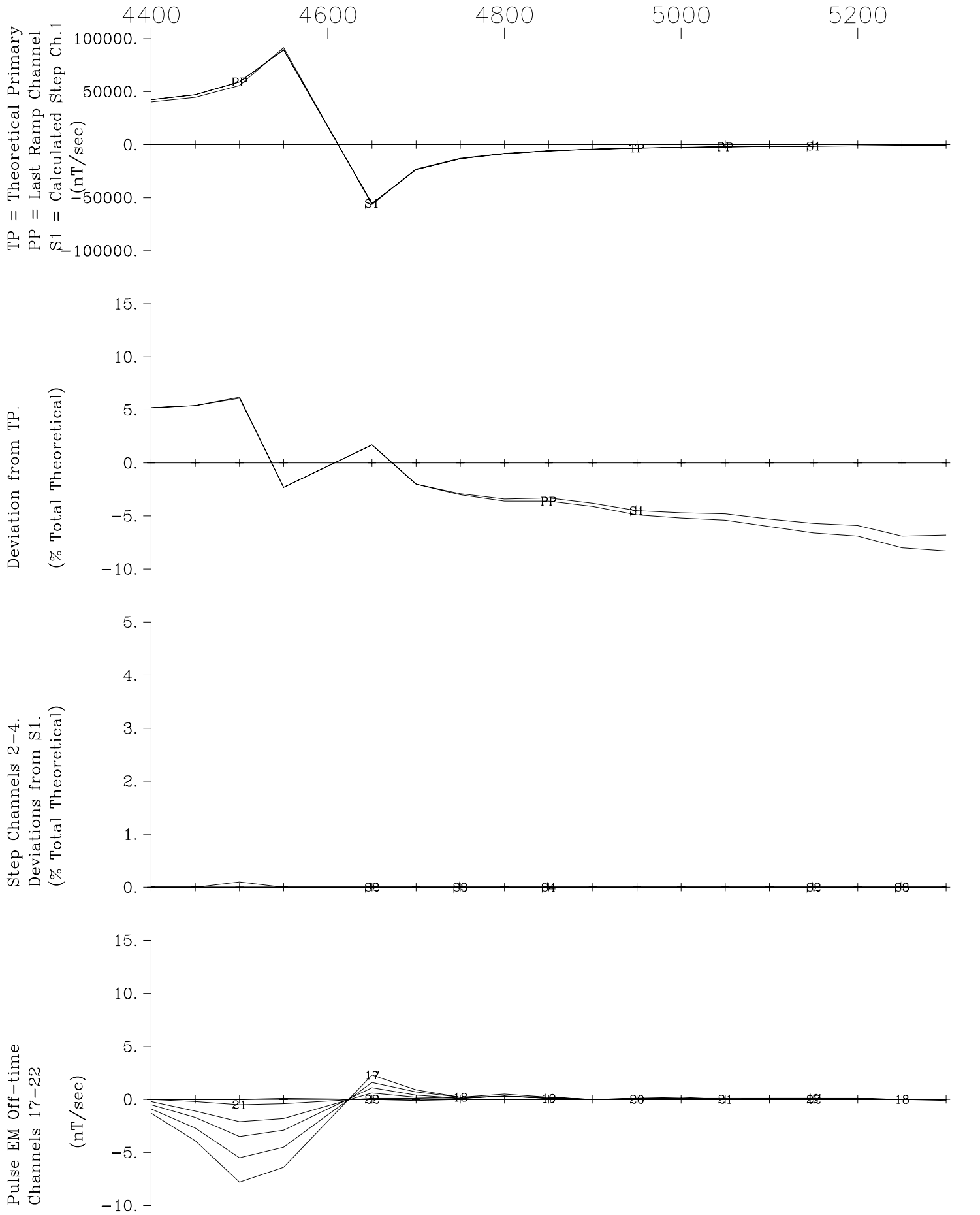
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4050N X Component
Crone Geophysics & Exploration Ltd.



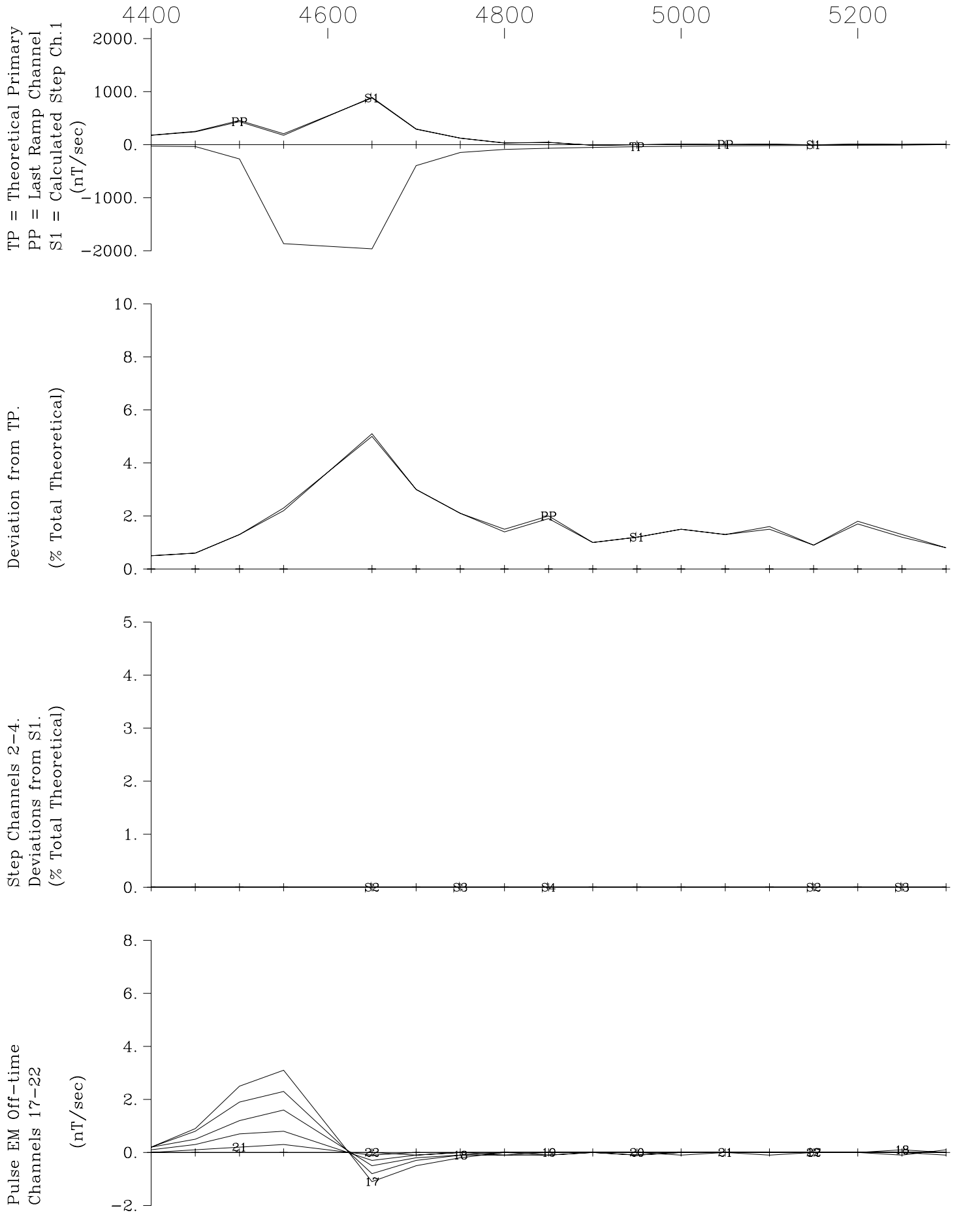
Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4250N Z Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4250N X Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4400N Z Component
Crone Geophysics & Exploration Ltd.



Wallbridge Mining Company Ltd. Ministic Lake Property
Loop SOUTHERN, Line 4400N X Component
Crone Geophysics & Exploration Ltd.

WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WML-013** Project: **MINISTIC_SCJV** Project Number: **649**

Drilling

Azimuth:	235
Dip:	-50
Length:	137.07
Started:	16-Jan-15
Completed:	20-Jan-15
Logged:	26-Jan-15
Comment:	Block reset at 20m

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ERMATINGE
Claim No.:	1244719
NTS:	
Hole:	SURFACE

Coordinate - Gemcom

East:	455334
North:	5155470
Elev.:	396

Coordinate - UTM

East:	455334		
North:	5155470		
Elev.:	396		
Zone:	17	**NAD:**	27

Other

Logged by:	Nick Wray
Relog by:	
Contractor:	Jacob & Samuel Drilling Ltd.
Spotted by:	Dave Coventry
Surveyed:	yes
Surveyed by:	Dave Coventry
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	235.00	-50.00	C	☑	
50.00	235.20	-49.50	F	☑	Mag: 5526 Temp: 22.7 Roll: 094.5
101.00	234.60	-48.80	F	☑	Mag: 5510 Temp: 4.7 Roll: 212.1

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number: **WML-013** Project: **MINISTIC_SCJV** Project Number: **649**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	2.60	**CAS**	***Casing***									
2.60	10.70	**O/B**	***Overburden***									

Core is blocky and fractured; probably drilled through boulders. The lithology is K-spar rich granite with a 27 cm section of fine grained magnetic diabase.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
2.60 - 10.70	EP PCH W	
2.60 - 10.70	CHL PCH W	

10.70	11.80	**DIA**	***Diabase***									

Black, fine grained (due to chilled margins) and magnetic. Likely Nipissing diabase.

11.80	12.47	**MGN**	***Mafic Gneiss***									

Dark grey, fine to medium grained, weakly foliated, and contains minor partial melt zones. There is minor pyrite surrounding the partial melt zones. 12.17-12.27 there is a 2 cm SDBX vein (1A%) @ 30 degrees to core axis.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

12.47 21.78 **GR** ***Granite***

Rock is medium to coarse grained and pink in colour. Locally there are small intervals of weakly developed banding that is defined by the concentration of mafic minerals. 13.19-13.35 there is a diabase dyklet containing coarse pyrite cubes. 17.18-17.27 there is a diabase dike 2 cm @ 20 degrees to core axis.

Alteration Maj:	Type/Style/Intensity	Comment
12.47 - 21.78	Qtz VN W	stringers
12.47 - 21.78	EP VN W	stringers

Mineralization Maj. :	Type/Style/%Mineral	Comment
12.47 - 21.78	PY WS 1	found concentrated in mafic zones

21.78 22.54 **IGN** ***Intermediate Gneiss***

The rock has a moderate foliation at 28 DTCA. 22.20-22.54 the gneiss has an increase in mafic minerals. The felsic minerals are medium to coarse grained while the mafics are fine grained.

Mineralization Maj. :	Type/Style/%Mineral	Comment
22.20 - 22.54	PY DIS 0.01	found in mafic section

22.54 41.88 **GR** ***Granite***

Pink in colour, felsic minerals are medium to coarse grained while mafics are fine grained. Small intervals throughout the section have a weak foliation. These areas are distinguished by a concentration of mafic minerals that contain significantly less felsic minerals giving the rock a "mottled" appearance. 28.27-29 the grain size increases to very coarse because quartz and feldspar crystals are > 1 cm.

Hole Number: **WML-013** Project: **MINISTIC_SCJV** Project Number: **649**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Alteration Maj:	Type/Style/Intensity	Comment
22.54 - 41.88	EP VN W	
22.54 - 41.88	CHL VN W	ep>chl

Mineralization Maj. :	Type/Style/%Mineral	Comment
22.54 - 41.88	PY VN 0.01	
38.62 - 38.68	PY DIS 30	

41.88 62.91 **IGN** ***Intermediate Gneiss***

There is a weak to moderate foliation throughout the section. Banding is defined by alternating felsic and intermediate sections. The colour is pinking grey. Felsic minerals are medium to coarse grained while the mafics are fine grained. 41.88-42.91 there is a section of mafic gneiss containing partial melts.

Alteration Maj:	Type/Style/Intensity	Comment
41.88 - 62.91	ACTL VN W	
41.88 - 62.91	CHL VN W	
41.88 - 62.91	EP VN W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
41.88 - 62.91	PY DIS 0.01	trace

62.91 70.40 **GR** ***Granite***

There is no longer a foliation, greying pink in colour, felsics minerals are medium to coarse grained while mafics are fine grained. Texture is porphyritic and potassium feldspar decreases towards the end of the section. There is partial melting with graphic texture.

Alteration Maj:	Type/Style/Intensity	Comment
62.91 - 70.40	CHL VN W	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		62.91 - 70.40 EP VN W									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		62.91 - 70.40 PY DIS 0.01 trace									
70.40	104.57	**TON** ***Tonalite***	P448839	75.01	75.74	0.73	0.00	0.01	0.00	0.00	0.00
			P448840	95.16	96.27	1.11	0.00	0.00	0.00	0.00	0.01
			P448841	96.79	97.72	0.93	0.00	0.00	0.00	0.00	0.00
		loss of potassium feldspar resulted in a transition to tonalite. Rock is massive and light grey. The felsic minerals are medium to coarse grained while the mafic minerals are fine grained. Locally there are sections throughout this interval that are foliated. The foliation is defined by fine grained mafic sections that alternate with coarser grained felsic sections. Towards the bottom of the section there is an increase in potassium feldspar.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		70.40 - 73.35 CHL VN									
		70.40 - 73.35 EP VN W stringers running parallel to CA									
		75.51 - 78.00 CHL VN W									
		75.51 - 78.00 EP VN W stringers running parallel to CA									
		78.00 - 104.57 CHL VN W									
		78.00 - 104.57 EP VN W randomly oriented stringers									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		75.23 - 75.24 POPY BL 50 magnetic									
		95.19 - 95.33 PO VN 5 12 DTCA very magnetic									
		95.44 - 95.54 PO VN 10 26 DTCA very magnetic									
		97.29 - 97.40 POCP VN 10 cluster of pyrrhotite with trace chalcopyrite									
104.57	118.74	**IGN** ***Intermediate Gneiss***									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Section is distinguished by the reappearance of potassium feldspar and the development of a foliation. Due to banding the colour varies from pink to black. Felsic minerals are medium to coarse grained while mafics are fine grained. This section contains the highest degree of alteration in the hole.

Alteration Maj:	Type/Style/Intensity	Comment
109.22 - 109.57	EP VN S	randiomly crosscutting section. Plagioclase crystals altered to epidote
110.14 - 110.32	K VN S	
110.14 - 110.32	CHL VN S	
110.14 - 110.32	EP VN S	rock is almost entirely altered

118.74 125.15 **GR** ***Granite***

medium grained, greyish pink, with granular texture. 124.79-124.80 there is a diabase dike.

Alteration Maj:	Type/Style/Intensity	Comment
123.42 - 124.00	K VN M	
123.42 - 124.00	CHL VN M	
123.42 - 124.00	EP VN M	

125.15 127.90 **DIA** ***Diabase***

fine grained, dark grey, upper contact is chilled, grades into fine grain crystals that are visible. Lower contact is not chilled but is altered.

Alteration Maj:	Type/Style/Intensity	Comment
125.15 - 127.90	EP VN M	there is an association between epidote alteration and

Hole Number: **WML-013** Project: **MINISTIC_SCJV** Project Number: **649**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

pyrite in this section

Mineralization Maj. :	Type/Style/%Mineral	Comment
125.15 - 125.20	PY DIS 1	minor pyrite clusters at upper contact

127.90 133.13 **GR** ***Granite***

Mottled texture, pink in colour

Alteration Maj:	Type/Style/Intensity	Comment
127.90 - 133.13	CHL VN W	
127.90 - 133.13	EP VN W	

133.13 135.13 **DIA** ***Diabase***

Dark grey, fine grained, non magnetic, upper contact chilled

Alteration Maj:	Type/Style/Intensity	Comment
133.13 - 133.15	Qtz VN M	
133.13 - 133.15	CHL VN M	
135.05 - 135.06	Qtz VN M	

Mineralization Maj. :	Type/Style/%Mineral	Comment
133.13 - 135.13	PY DIS 0.01	trace pyrite throughout with an increase in pyrite cubes at the lower contact close to a quartz vein

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number: **WML-013** Project: **MINISTIC_SCJV** Project Number: **649**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
135.13	137.07	**GR** ***Granite***									

pink, mottled texture, medium grained

Alteration Maj:	Type/Style/Intensity	Comment
135.13 - 137.07	EP VN W	randomly oriented

WALLBRIDGE MINING COMPANY LIMITED

FULL ANALYTICAL REPORT

- Assay -

Hole Number: **WML-013** Project: **MINISTIC_SCJV** Project Number: **649**

Assay Report (part 1 of 0)

From (m)	To (m)	Length (m)	Sample #	Lab	Certificate #	Date of Certificate	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)	Co (%)	Tpm (g/t)	S (%)	Ag (g/t)
75.01	75.74	0.73	P448839	Chemex	SD15015725	15-Feb-15	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.33	0.08
95.16	96.27	1.11	P448840	Chemex	SD15015725	15-Feb-15	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.77	0.17
96.79	97.72	0.93	P448841	Chemex	SD15015725	15-Feb-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.10

WALLBRIDGE MINING COMPANY LIMITED

QUALITY CONTROL REPORT

Hole Number: **WML-013** Project: **MINISTIC_SCJV** Project Number: **649**

Distance (m)	Sample #	Sample Type	Duplicate of	Standard name	Laboratory	Agc1 (g/t)	Ag (g/t)	Au (g/t)	Auc1 (g/t)
97.73	P448842	LDI3 Standar		LDI-3	Chemex	-	0.16	0.12	-
97.74	P448843	Blank		BLANK	Chemex	-	0.01	0.00	-