

# MAR 20060029: FIREBAG RIVER

Received date: Nov 14, 2006

Public release date: Nov 26, 2007

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*Reed*

*Feb. 20/2007*

**GRAYMONT WESTERN CANADA INC.  
2006 EXPLORATION AND FIELDWORK  
AT THE FIREBAG RIVER METALLIC AND INDUSTRIAL MINERAL PERMITS,  
NORTHERN ALBERTA**

**PART B**

Metallic and Industrial Mineral Permits:  
9302090611, 9302090612 and 9304091073

Geographic Coordinates

57°38' N to 57°45' N  
110°52' W to 111°29' W

NTS Sheets 74 E/10, 11, 14 and 15

Owner of MAIM Permits 9302090611, 9302090612 and 9304091073  
Graymont Western Canada Inc.  
190, 3025 - 12 Street N.E.  
Calgary, AB, T2E 7J2

Operator: Graymont Western Canada Inc.  
190, 3025 - 12 Street N.E.  
Calgary, AB, T2E 7J2

Consultant: Dahrouge Geological Consulting Ltd.  
18, 10509 - 81 Avenue  
Edmonton, Alberta T6E 1X7

Authors: J. Dahrouge, B.Sc., P.Geol.  
P. Kluczny, B.Sc., Geol.I.T.

Date Submitted: February 5, 2007

**TABLE OF CONTENTS**

	<u>Page</u>
1. Summary .....	4
2. Introduction .....	5
3. Location and Access .....	6
4. Work Performed .....	6
5. Results .....	7
6. Conclusions .....	7
7. References .....	8
8. Statement of Author .....	9

**PART C****LIST OF FIGURES**

	<u>Page</u>
Fig. 3.1 Location Map .....	C1
Fig. 3.2 Permit Boundaries .....	C2
Fig. 3.3 Regional Geology and Location of Work .....	In Pocket

**LIST OF APPENDICES**

Appendix 1: Cost Statement for the 2005 thru 2006 Exploration .....	C3
Appendix 2: Diamond Drill Logs for Firebag River Permit Drilling (2006) .....	C4
Appendix 3: "Firebag Kimberlite Project" report .....	Separate

**LIST OF TABLES**

Table 1.1 Lands Retained .....	4
Table 1.2 Allocation of Expenditures .....	5
Table 4.1 Diamond Drill Hole Locations .....	6

## 1.

**SUMMARY**

During 2006, exploration of Metallic and Industrial Minerals (MAIM) Permits 9302090611, 9302090612 and 9304091073 of Graymont Western Canada Inc. along Firebag River, northeast of Fort MacKay, included the completion of three diamond drill holes and a soil-gas and mobile metal ions (MMI) survey to evaluate kimberlite potential. Results of the survey are provided in the "Firebag Kimberlite Project" report included as Appendix 3.

Results of the limestone exploration have shown parts of the permit area to be underlain by significant amounts of Cretaceous sands. The bedrock encountered is variable in composition and heavily brecciated, and therefore has poor potential for high-quality limestone.

The 2006 exploration expenditures for MAIM Permits 9302090611, 9302090612 and 9304091073 totaled \$237,058.53 (Part C, Appendix 1). Only portions of these permits will be retained (Table 1.1) and the expenditures applied to following assessment periods for the retained lands (Table 1.2).

**TABLE 1.1 LANDS RETAINED**

Permit	Comm. Date	Permit Expiry Date	Land Description*	Size (Ha)
9302090611	Sep. 16, 2002	Sep. 16, 2016	4-06-100: 28-33 4-07-100: 25-27; 28-30: L1-4; 34-36 4-08-100: 25-30: L1-4	4160
9302090612	Sep. 16, 2002	Sep. 16, 2016	4-09-100: 2W; 3; 4E, 4L3, L6, L11, L14; 10; 11; 12L4, L5, L12, L13; 13W, 13L2, L7, L10, L15; 14; 15; 22L1, L8, L9, L16; 23; 24; 25: L1-4	2496
9304091073	Sep. 28, 2004	Sep. 28, 2018	4-06-100: 27; 34 4-06-101: 3-6; 7S; 8S; 9S; 10S 4-07-101: 1-3; 10S; 11S; 12S	2688

\* Based on revised permit area

**TABLE 1.2 ALLOCATION OF EXPENDITURES**

<b>Permit</b>	<b>Assessment Period</b>	<b>Permit Area*</b>	<b>Required Expenditures*</b>	<b>Assigned Expenditures</b>
9302090611	Years 3 & 4	4160	\$ 41,600.00	\$ 34,872.00 °
	Years 5 & 6	4160	\$ 41,600.00	\$ 41,600.00
	Years 7 & 8	4160	\$ 62,400.00	\$ 23,448.84
9302090612	Years 3 & 4	2496	\$ 24,960.00	\$ 24,960.00
	Years 5 & 6	2496	\$ 24,960.00	\$ 24,960.00
	Years 7 & 8	2496	\$ 37,440.00	\$ 23,448.84
9304091073	Years 1 & 2	2688	\$ 13,440.00	\$ 13,440.00
	Years 3 & 4	2688	\$ 26,880.00	\$ 26,880.00
	Years 5 & 6	2688	\$ 26,880.00	\$ 23,448.85
Total:				\$ 243,786.53

\* Based upon the reduced permit areas (see Table 1.1)

° Calculated from excess expenditures of 2004 (required \$41,600.00 - excess \$6,728.00)

## 2.

### INTRODUCTION

The objectives of the 2006 exploration were to locate high-quality carbonate rocks of the Slave Point Formation below the sub-Cretaceous unconformity and evaluate their quality. A secondary objective was to evaluate the kimberlite potential in the permit areas. To achieve the objectives, a short diamond drill program was undertaken within the eastern part of MAIM Permit 9302090612 during October 2006. A soil-gas and mobile metal ion (MMI) survey was also performed within MAIM Permit 9302090612 during September 2006. The kimberlite exploration will not be discussed in this assessment report, as a detailed explanation of the project and the results are provided in the report included as Appendix 3. This appendix is a corrected version of the "Firebag Kimberlite Project" report sent to the Alberta government by Graymont Western Canada Inc.

### 3. LOCATION AND ACCESS

MAIM Permits 9302090611, 9302090612 and 9304091073 (Fig's. 3.1 and 3.2) are located within National Topographic System Map Sheets 74 E/10, 11, 14 and 15, and extend from approximately 57°38' N to 57°45' N latitude and 110°52' W to 111°29' W longitude.

The Firebag River MAIM permits encompass an area about 70 km north of Fort MacKay, within northeastern Alberta. Fort MacKay is about 55 km west of the Alberta-Saskatchewan border and 60 km north of Fort McMurray, which is accessible by a 437 km paved highway from Edmonton. During the summer months the permits are accessible by ATV along the winter road to Fort Chipewyan, which begins at the northern end of Highway 63, about 50 km north of Fort MacKay. During the winter months the permits are accessible by four wheel drive vehicles.

### 4. WORK PERFORMED

The geological work on the Firebag River Permits was conducted by Dahrouge Geological Consulting Ltd. (Dahrouge) on behalf of Graymont Western Canada Inc. (Graymont).

From October 2 to 16, 2006, three diamond drill holes were completed in the eastern half of MAIM Permit 9302090612 (Table 4.1; Fig. 3.3; Appendix 2). Accessing the property with heavy equipment was time-consuming and expensive. Excessive overburden depth and/or poor bedrock quality lengthened the time of the drill program and resulted in shallower than planned drill holes. Lost drill rods and casing inflated the costs significantly.

**TABLE 4.1 DIAMOND DRILL HOLE LOCATIONS (UTM NAD83)**

Drill Hole	Easting (m)	Northing (m)
Firebag 06-01	480941	6388952
Firebag 06-02	478554	6388365
Firebag 06-03	479890	6395161

**5. RESULTS**

The diamond drilling program revealed that the permit area is underlain by significant thicknesses of Cretaceous sands. Diamond drill Hole 1 did not intersect bedrock due to reaching the limit of available casing after passing through 74.68 m of overburden. The bedrock intersected in Hole 2 was brecciated and variable in composition; it likely belongs to the Slave Point Formation. The bedrock intersected in Hole 3 was also brecciated but quite dolomitic and likely belongs to the Methy Formation. Holes 2 and 3 had to be abandoned when the drill rods became stuck, likely due to the significant amount of clay in the brecciated bedrock.

**6. CONCLUSIONS**

The diamond drill holes revealed that much of the permit area is underlain by significant thicknesses of Cretaceous sediments. Where drill tested, the Devonian bedrock under the permit area appears to be heavily brecciated and variable in composition. Additional diamond drilling on other portions of the permit area is recommended as the next stage of exploration to accurately determine depth to the underlying carbonates and their quality.



7.

**REFERENCES**

Dahrouge, J.R. and Tanton, J. (2004) 2004 Exploration and Fieldwork at the Firebag River Metallic and Industrial Minerals Permits Near Fort MacKay, Northeast Alberta; ass. rept. for Graymont Western Canada Inc., Dahrouge Geological Consulting Ltd., Edmonton, 12p.

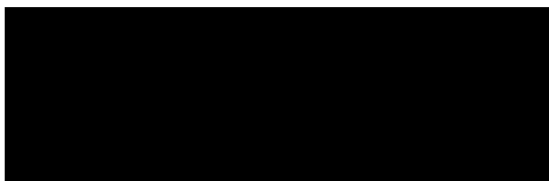
Norris, A.W. (1963) Devonian Stratigraphy of Northeastern Alberta and Northwestern Saskatchewan; Geol. Surv. Can., Mem 313.

**STATEMENT OF AUTHOR**

I, Jody Dahrouge, residing at 11 Country Lane, Stony Plain, Alberta, do hereby certify that:

- I am a geologist of Dahrouge Geological Consulting Ltd., Suite 18, 10509 - 81 Ave, Edmonton, Alberta, T6E-1X7.
- I am a graduate of the University of Alberta, Edmonton, Alberta with a B.Sc. in Geology, 1988 and a Special Certificate (Sp.C.) in Computing Science in 1994.
- I have practiced my profession as a geologist intermittently from 1988 to 1994, and continuously since 1994.
- I am a registered professional geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, member M48123.
- I hereby consent to the copying or reproduction of this Technical Report following the one-year confidentiality period.
- I am the author of the report entitled "2006 Exploration and Fieldwork at the Firebag River Metallic and Industrial Mineral Permits, Northeastern Alberta" and accept responsibility for the veracity of technical data and results.

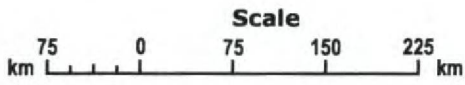
Dated this 5<sup>th</sup> day of February, 2007.



Jody Dahrouge, BSc, PGeol  
APEGGA M48123

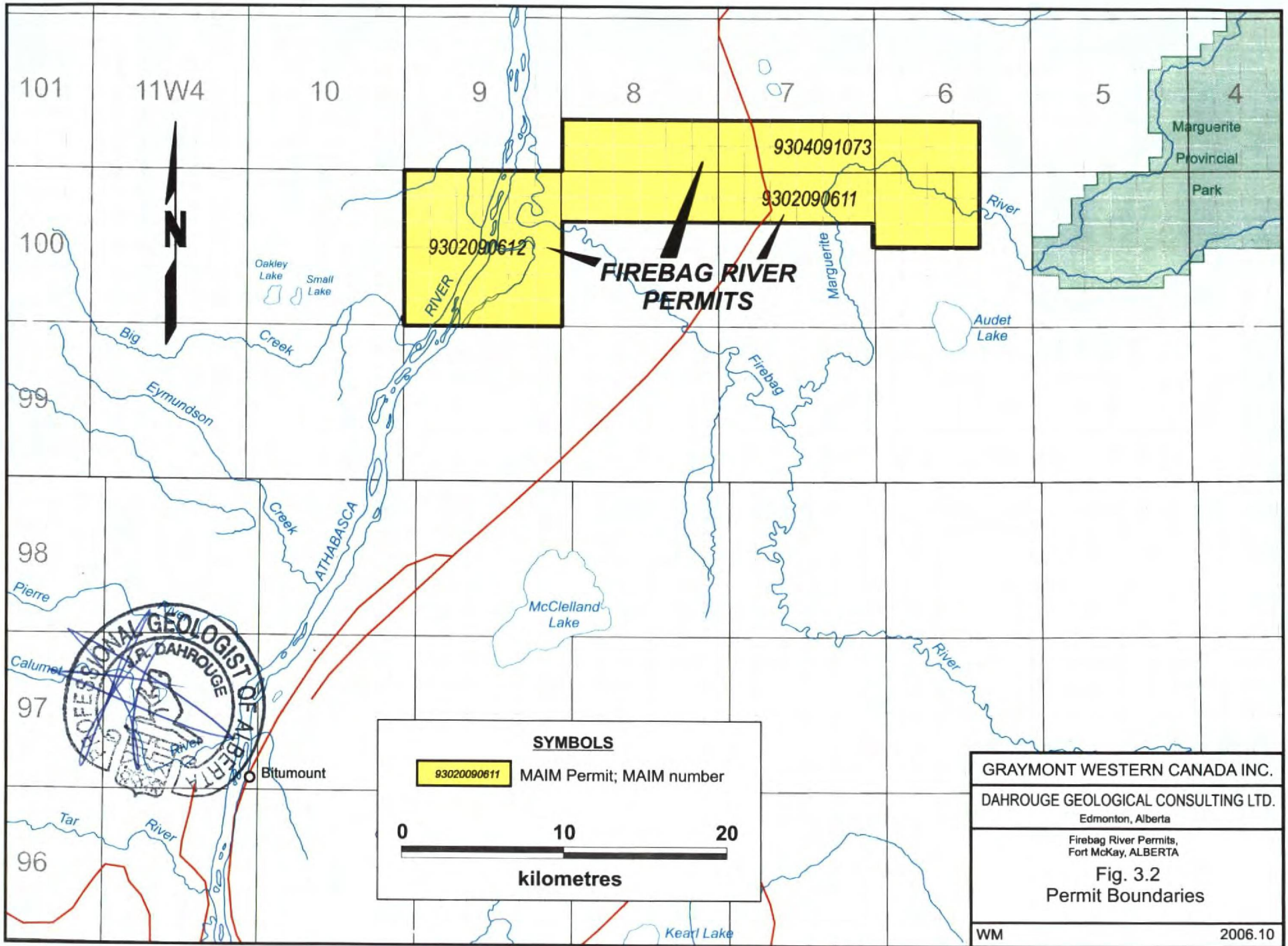


- LEGEND**
- ⊙ Provincial capital
  - | Other populated places
  - ⊙— Trans-Canada Highway
  - Major road
  - - - - International boundary
  - ⋯ Provincial boundary



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GRAYMONT WESTERN CANADA INC.
DAHROUGE GEOLOGICAL CONSULTING LTD. Edmonton, Alberta
Firebag River Permits, NORTHEASTERN ALBERTA
Fig. 3.1 Location Map
PK 2006.10



101      11W4      10      9      8      7      6      5      4

100

99

98

97

96



9304091073  
9302090611  
9302090612

**FIREBAG RIVER PERMITS**

Marguerite  
Provincial  
Park

Oakley  
Lake  
Small  
Lake

River  
Audet  
Lake

Big  
Creek

Eymundson

Creek  
ATHABASCA

McClelland  
Lake

Firebag

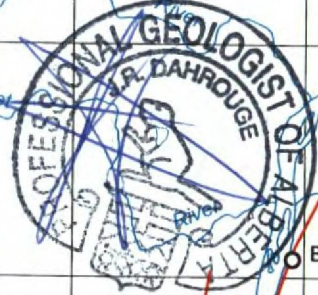
Marguerite

River

Pierre

Calumet

Bitumont



**SYMBOLS**

9302090611 MAIM Permit; MAIM number

0      10      20

kilometres

GRAYMONT WESTERN CANADA INC.  
DAHROUGE GEOLOGICAL CONSULTING LTD.  
Edmonton, Alberta

Firebag River Permits,  
Fort McKay, ALBERTA

**Fig. 3.2**  
Permit Boundaries

WM      2006.10

**APPENDIX 1: COST STATEMENT FOR THE 2006 EXPLORATION  
CONDUCTED ON THE EAST FIREBAG PERMIT**

a) <u>Personnel</u>	\$ 21,516.63
b) <u>Food and Accommodation</u>	\$ 5,364.92
c) <u>Transportation</u>	\$ 10,345.94
d) <u>Drilling</u>	\$ 161,883.28
e) <u>SubContractors (Diamond Exploration)</u>	\$ 14,862.57
f) <u>Other</u>	\$ 1,534.41
<u>Total</u>	<u>\$ 215,507.75</u>
<u>Administration</u>	<u>\$ 21,550.78</u>
<u>Total plus Administration</u>	<u>\$ 237,058.53</u>

## APPENDIX 2 - DRILL LOGS

DIAMOND DRILL LOG

Company: **GRAYMONT WESTERN CANADA INC.**  
 Project: **Firebag River Drilling 2006**

Hole No: **Firebag 06-01**  
 Core Size: **NQ**  
 Total Depth: **74.68 m**

Dip Tests

Depth collar	Angle
	90°

Claim: **Firebag River**  
 Bearing: **0°**  
 Inclination: **-90°**

Co-ordinates (NAD83)  
 Easting (m): **480941.0**  
 Northing (m): **6388952.0**  
 Elevation (m): **296 m**

Date Started: **Oct. 4/06**  
 Date Finished: **Oct. 4/06**  
 Date Logged: **Oct. 4/06**

Logged By: **P. Kluczny**

From m	To m	Interval m	Description
0.00	18.29	18.29	<b>CASING:</b> Unconsolidated sandy overburden
18.29	24.38	6.09	<b>CASING:</b> Cretaceous sands
24.38	74.68	50.30	<b>CASING:</b> Unconsolidated pink, clay-rich sandy overburden, occasional limestone and sandstone boulder
			<b>END OF HOLE (LIMIT OF AVAILABLE CASING)</b>

## APPENDIX 2 - CONTINUED

DIAMOND DRILL LOG

Company: **GRAYMONT WESTERN CANADA INC.**  
 Project: **Firebag River Drilling 2006**

Hole No: **Firebag 06-02**  
 Core Size: **NQ**  
 Total Depth: **88.39 m**

Dip Tests

Depth collar	Angle
	90°

Claim: **Firebag River**Bearing: **0°**Inclination: **-90°**

Co-ordinates (NAD83)

Easting (m): **478554.0**Northing (m): **6388365.0**Elevation (m): **267 m**Date Started: **Oct. 5/06**Date Finished: **Oct. 7/06**Date Logged: **Oct. 19/06**Logged By: **P. Kluczny**

From m	To m	Interval m	Description
0.00	45.72	45.72	<b>CASING:</b> Sandy overburden, occasional boulders
45.72	68.50	22.78	<b>CASING:</b> Gravelly, clay-rich overburden, occasional limestone boulders
68.50	73.20	4.70	<b><u>FINE-GRAINED LIMESTONE</u></b> brownish-medium-grey, highly fractured, vuggy (up to 4mm), minor secondary calcite veining, minor amount of dolomite (~10%), moderate to strong reaction with HCl
73.20	73.96	0.76	<b><u>INTERBEDDED VERY FINE TO FINE-GRAINED LIMESTONE (80%) AND DOLOSTONE</u></b> light-grey to medium-grey, slightly brecciated (clasts up to 4 mm), moderately to strongly fractured, strong reaction with HCl
73.96	76.70	2.74	<b><u>INTERBEDDED FINE-GRAINED LIMESTONE (70%) AND DOLOSTONE (30%) WITH MINOR CALCAREOUS CLAY/SHALE</u></b> limestone and dolostone are light- to medium-brownish-grey, thin bedded (<3 mm), vuggy, bedding varies from 85-90° to core axis from 73.95-75.59 m to 60-70° to core axis from 75.59-75.81 m, bedding becomes distorted and irregular from 75.81-76.70 m, blue-grey clay/shale prominent from 76.25-76.50 m, moderately to highly fractured, moderate to very strong reaction with HCl
76.70	81.60	4.90	<b><u>FINE TO MEDIUM-GRAINED LIMESTONE AND CALCAREOUS CLAY/SHALE</u></b> light- to medium-brownish-grey, moderate to strong reaction with HCl 76.70-77.75 m: vuggy, slightly brecciated limestone 77.75-78.41 m: thin bedded (<2 mm) limestone (80%) and dolostone (20%), bedding at 75-80° to core axis 78.41-81.60 m: brecciated limestone (90%) and dolostone (10%) with several short intervals of blue-grey calcareous clay, moderately fractured, clasts up to 2 cm in size, dark grey matrix probably dolomitic (very weak reaction with HCl)

## APPENDIX 2 - CONTINUED

DIAMOND DRILL LOG

Company: GRAYMONT WESTERN CANADA INC.

Hole No: Firebag 06-02

Project: Firebag River Drilling 2006

Core Size: NQ

From m	To m	Interval m	Description
81.60	85.04	3.44	<p><b>BRECCIA</b></p> <p>very large (up to 5 cm) clasts of light-grey, fine-grained limestone and dolostone in a dark grey, fine-grained calcareous matrix, several short intervals of interbedded, fine-grained limestone and dolostone with irregular bedding (70-90° to core axis), small intervals of blue-grey calcareous clay/shale throughout the unit, poor to moderate reaction with HCl, moderately fractured</p>
85.04	86.77	1.73	<p><b>SILICEOUS MUDSTONE</b></p> <p>light-grey, slightly brecciated, some secondary calcite veinlets  85.53-85.61 m and 85.75-85.81 m: blue-grey calcareous shale, minor dolomitic shale  86.31-86.77 m: brecciated siliceous mudstone and fine-grained limestone, some distorted bedding (70-85° to core axis)</p>
86.77	88.39	1.62	<p><b>INTERBEDDED SILICEOUS MUDSTONE AND CALCAREOUS CLAY/SHALE</b></p> <p>mudstone is light grey, slightly brecciated, bedding is irregular (50-80° to core axis), calcareous clay/shale is blue to brownish grey, very fine-grained, highly fractured</p> <p><b>END OF HOLE</b></p>



## APPENDIX 2 - CONTINUED

DIAMOND DRILL LOG

Company: **GRAYMONT WESTERN CANADA INC.**  
 Project: **Firebag River Drilling 2006**

Hole No: **Firebag 06-03**  
 Core Size: **NQ**  
 Total Depth: **67.16 m**

Dip Tests

Depth collar	Angle
	90°

Claim: **Firebag River**  
 Bearing: **0°**  
 Inclination: **-90°**

Co-ordinates (NAD83)  
 Easting (m): **479890.0**  
 Northing (m): **6395161.0**  
 Elevation (m): **225 m**

Date Started: **Oct. 8/06**  
 Date Finished: **Oct. 15/06**  
 Date Logged: **Oct. 19/06**

Logged By: **P. Kluczny**

From m	To m	Interval m	Description
0.00	15.00	15.00	<b>CASING:</b> Sandy overburden, occasional sandstone boulder
15.00	39.60	24.60	<b>CASING:</b> Pink, clay-rich sandy overburden, occasional sandstone boulder
39.60	45.22	5.62	<b>CASING:</b> Light-grey, clay-rich overburden
45.22	48.19	2.97	<b><u>BRECCIATED DOLOSTONE (60%) AND LIMESTONE (40%)</u></b> medium- to dark-grey, vuggy, abundant secondary calcite veining, clasts of dolostone and limestone (up to 3 cm in size) in a dark grey, fine-grained, calcareous matrix, slightly fractured, weak to strong reaction with HCl
48.19	49.52	1.33	<b><u>FINE-GRAINED DOLOMITIC BRECCIA</u></b> white-grey, clasts of nearly pure dolomitic mudstone (up to 5 cm in size) in a dolomitic matrix, some small secondary calcite veinlets, moderately fractured, very poor to poor reaction with HCl
49.52	52.32	2.80	<b><u>FINE-GRAINED SILICEOUS BRECCIA</u></b> light- to medium-grey clasts in a dark grey matrix, clasts up to 3 cm in size, predominantly siliceous mudstone, some dolomitic mudstone, matrix is calcareous, fine-grained and vuggy
52.32	55.81	3.49	<b><u>BRECCIA</u></b> light- to medium-grey clasts in a light-grey matrix, dolomitic, siliceous and calcareous mudstone clasts up to 4 cm in size, matrix is very fine-grained, blue-grey calcareous mud/clay, moderately fractured, reaction with HCl varies greatly (from no reaction to strong reaction)
55.81	56.20	0.39	<b><u>FINE-GRAINED DOLOSTONE</u></b> light-grey, minor calcite veinlets, weakly brecciated, moderately fractured, poor reaction with HCl

## APPENDIX 2 - CONTINUED

DIAMOND DRILL LOG

Company: GRAYMONT WESTERN CANADA INC.

Hole No: Firebag 06-03

Project: Firebag River Drilling 2006

Core Size: NQ

From m	To m	Interval m	Description
56.20	63.93	7.73	<p><b><u>BRECCIATED LIMESTONE (70%) AND FINE-GRAINED DOLOSTONE (30%)</u></b>  Brecciated Limestone: medium-grey to blue-grey, predominantly fine-grained limestone clasts, minor fine-grained dolostone clasts, matrix is calcareous mud/clay and vuggy  Dolostone: same as 55.81-56.20 m interval  unit is moderately to strongly fractured, breccia has moderate strong reaction with HCl</p>
63.93	67.16	3.23	<p><b><u>INTERBEDDED FINE-GRAINED LIMESTONE AND MEDIUM-GRAINED CALCAREOUS SANDSTONE</u></b>  medium-grey, vuggy, intervals of limestone usually &lt;10 cm thick, some highly irregular bedding, sandstone consists of quartz and feldspar grains weakly cemented by calcite, some dark grey to black organic matter present, highly fractured and crumbly, moderate to strong reaction with HCl</p> <p><b>END OF HOLE</b></p>

Appendix 3  
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Rec'd Feb 20/2007

**FIREBAG KIMBERLITE PROJECT**

**57 degrees, 40 minutes, 56 seconds north  
111 degrees, 21 minutes, 23 seconds west**

**MAIM PERMITS 9302090611 AND 930209612**

**GRAYMONT WESTERN CANADA INC.**

Report Prepared by: Ray Jalbert, Yarlo Resources

## INDEX

Report	Page 2
Firebag Kimberlite Project Location	Page 5
Firebag Kimberlite Project Line Location	Page 6
Statement of Qualifications	Page 7
Lab Results	Appendix A
Location of Soil-Gas Samples	Appendix B

## INTRODUCTION

The purpose of the Soil Gas Survey is to determine if an Airborne Magnetometer High which has a tight bull's eye character is a possible Kimberlite.

## SCOPE OF WORK

To determine if this target is a possible Kimberlite, a grid pattern of lines were run across the suspected target and samples of soil were taken at 50 meter intervals. The soil was gathered at a point 30 centimeters from the surface in a hand dug hole. Approximately 50 cubic centimeters of soil was collected and bagged at each location. Each location was identified with a global positioning system and duly recorded. A hip chain was employed as a double check on distance between each station. Each sample bag was given a number according to the line on which it was collected. A total of five lines were run across the target at 200 meter spacing between each line. Each line has a length of 1000 meters. A total of 210 samples were collected on five lines at 21 samples per line: hundred and five samples for Soil Gas and one hundred and five samples for MMI were collected. As MMI is a follow-up survey, these were held back pending results of the Soil Gas testing.

## LOCATION

The target is located just south of the Firebag and Athabasca River confluence, on Graymont controlled land.

## WORK PERFORMANCE

The collecting of soil samples was performed by a two men crew on contract to Graymont Western Inc. The work was undertaken by Yarlo Resources. The sample collection took place from September 7 to September 14, 2006.

## RESULTS

A total of 105 samples were collected for Soil Gas Analysis. The Soil Gas samples were sent to Actlabs in Ancaster, Ontario for analyses and interpretation.

## CONCLUSION

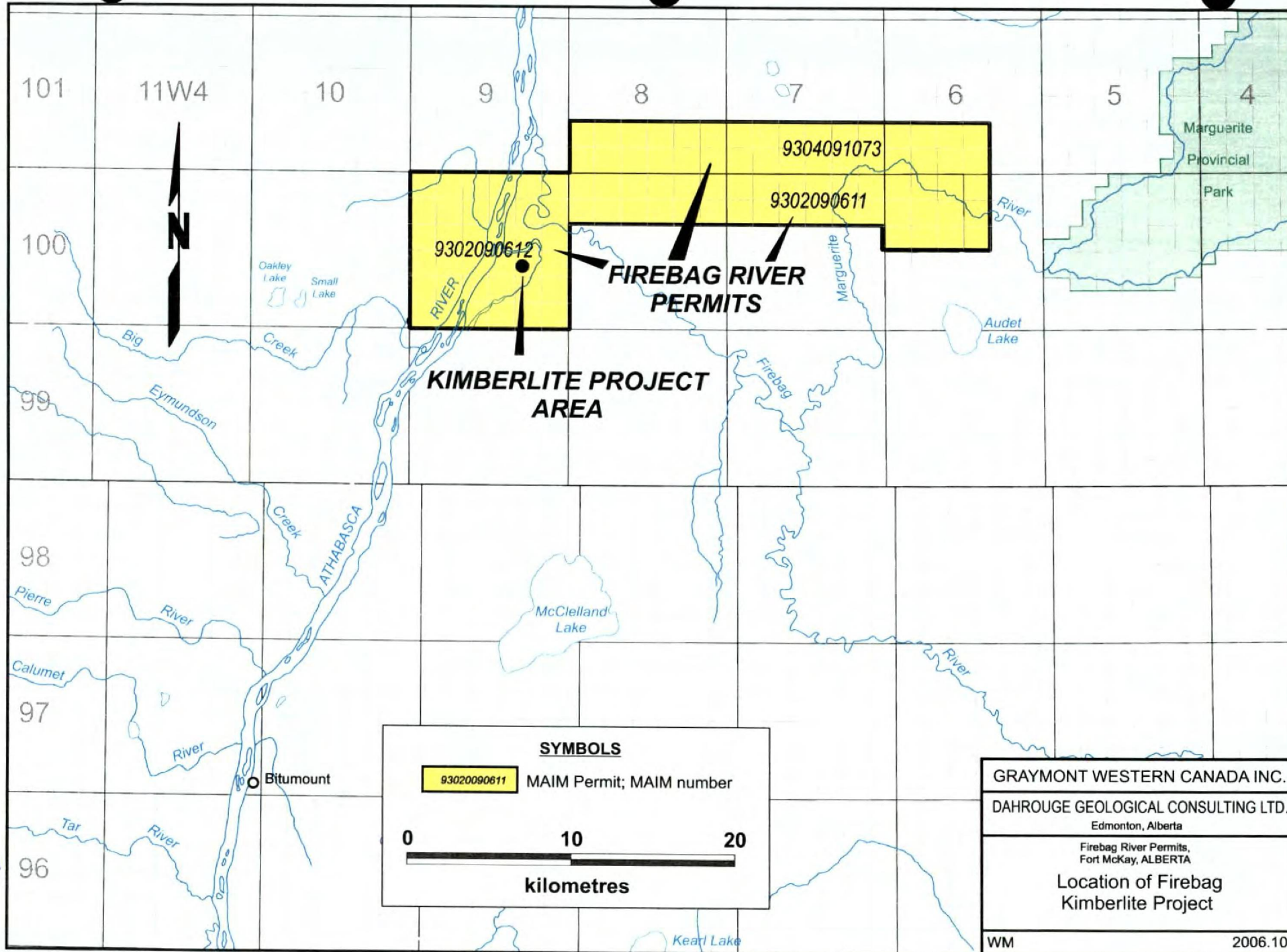
The Soil Gas Hydrocarbon results indicate the possibility of a Kimberlite at this location. The structure is a complex one, which could be the result of a number of geological scenarios. The best fit at this point with the available data is as follows: a volcanic eruption from high up in the crust followed at a later date by a Kimberlite eruption from deep in the mantle. This would give us the large circle with the smaller circle within it. We have good rabbit ears around the larger structure indicating that Kimberlite material is present. In all likelihood there is a mix of magma in the crater structure composed of ash and fall back breccia of both volcanic types of rock. The smaller circle would indicate the actual Kimberlite pipe. In addition we have a metal signature on the south side of the structure. This was expected as the area is full of metal in the limestones and sandstones as micro particles. This observation is from work completed by Dr. Abercrombie. The difference at Firebag is that the metals have been remobilized by the Chlorine ion due to the convection cell set up at the contact between the warm volcanic rock and the country rock. This has the possibility of producing a rich deposit of gold, silver, copper, lead, zinc, platinum and a variety of other metals carried by the Chloride ion. The signature is indicating a Gold anomaly, but we can expect to find all the metals that the Chlorine ion carries, much akin to a volcanic massive sulphide. The difference is however, the metals are in almost pure form. I have probed such metal in the St. Paul area and the gold flakes come in at 99% pure and carry up to 600 ppm of Chlorine. The deposit would be very close to surface and possibly open pitable. To my knowledge no one has yet drilled one of these deposit types.

This structure is very interesting in that the area is covered with lenses of river gravel, and there is a shortage of gravel in the McMurray area. The volcanic rock can also be crushed for gravel. The kimberlitic pipe structure is in the order of approx. 300-350 meters wide. This slightly larger than average pipe could carry diamonds. The south side of the structure has a good possibility of having significant precious metal.

## FOLLOW UP WORK

The best follow up at this point in time would be a combination airborne magnetometer and Electro magnetic survey at 100 meter spacing with follow up at 50 meter spacing over the hottest targets, if needed. The MAG would confirm the soil gas targets. The E.M. would pick up the clay on top of the pipe, due to the disintegration of kimberlite to clay, and also the metal on the south side of the structure. This again would confirm the pipe target effectively giving more confidence for spotting a drill to test the different targets. These structures never occur alone so a grid of three by three miles, from the Athabasca River going East, would pick up other nearby possible kimberlite targets that could be close by on Graymont land holdings.

We also have on hand 105 samples taken for Mass Metal Ion (MMI). These were taken at the same time as the Soil Gas samples. There is only one laboratory in Canada that does this work as they have the patent on the process. MMI is a follow up survey that checks for ionic metal that travels to the surface and clings to soil particles. The metals are indicative of kimberlite at depth.



9302090612

**FIREBAG RIVER PERMITS**

9304091073

9302090611

**KIMBERLITE PROJECT AREA**

**SYMBOLS**

9302090611

MAIM Permit; MAIM number

0 10 20

kilometres

GRAYMONT WESTERN CANADA INC.

DAHROUGE GEOLOGICAL CONSULTING LTD.

Edmonton, Alberta

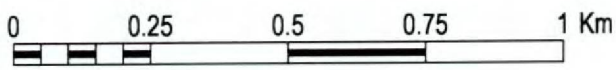
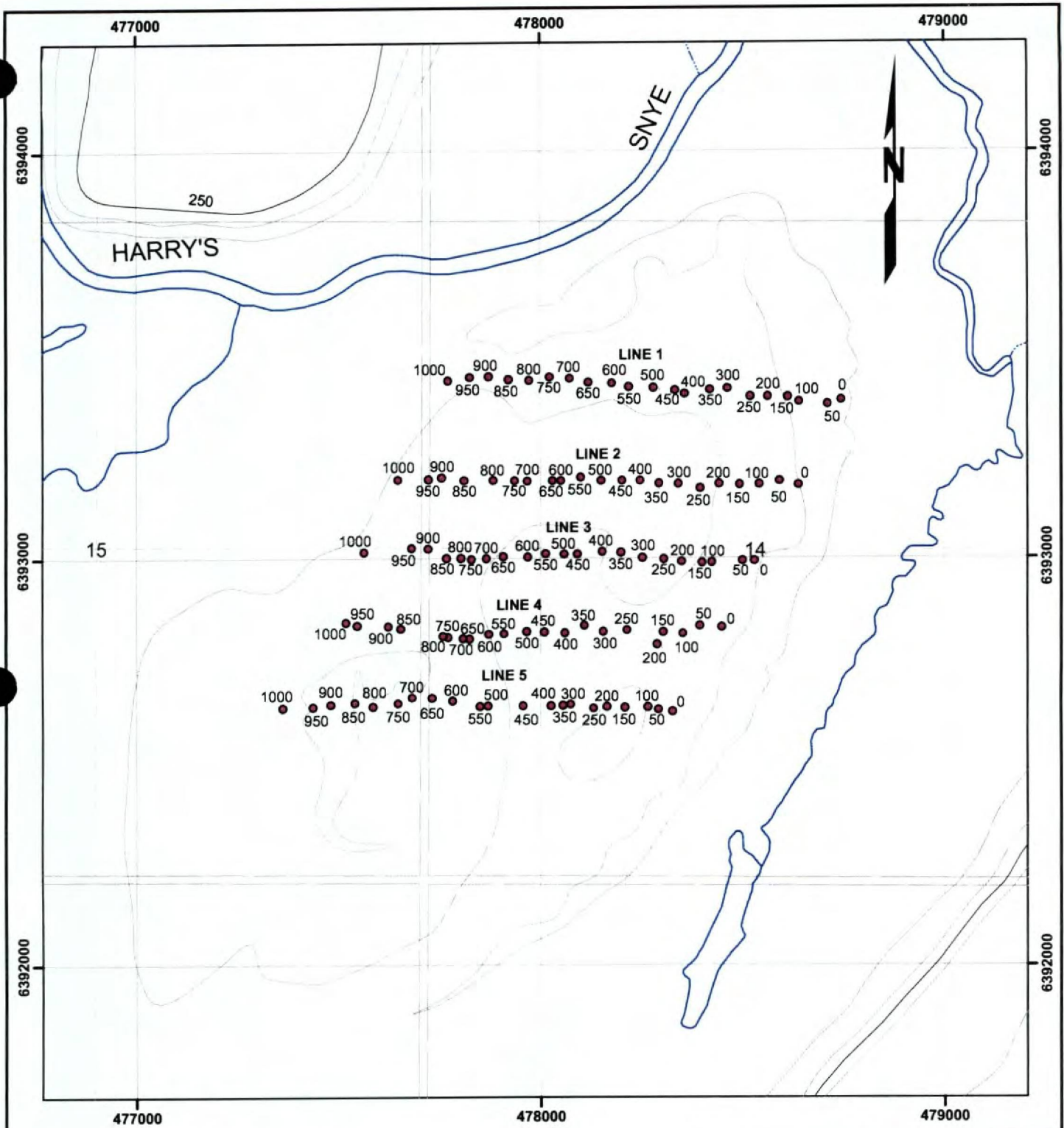
Firebag River Permits,  
Fort McKay, ALBERTA

Location of Firebag  
Kimberlite Project

WM

2006.10





**Legend**

- Soil Gas Survey Point

UTM NAD 83

GRAYMONT WESTERN CANADA INC.	
DAHROUGE GEOLOGICAL CONSULTING LTD.	
Edmonton, Alberta	
Firebag River Permits, Fort McKay, ALBERTA	
Firebag Kimberlite Project Line Location	
WM	2006.10

## Statement of Qualifications

I, Ray Jalbert of 5609-54 Ave. St. Paul in the Province of Alberta hereby certify as follows:

1. That I graduated from the Northern Alberta Institute of Technology in 1978 with a diploma in the Earth Resources Program ( Minerals Option )
2. That I am a member of the Alberta Society of Engineering Technologist, now retired (C. E.T.)
- 3 That I have done Mineral Exploration since 1979 in Alberta, Saskatchewan, British Columbia, Northwest Territories and the northern part of the United States.
4. That I have experience in the Petroleum Exploration Industry.
5. That I have worked for the Geophysical Consulting Company, Cosmic Ventures doing various geophysical surveys.
6. That I have done Diamond Prospecting in Alberta and Saskatchewan for the last eight years and have specialized in Soil Gas Forensic Surveys for the last two years.

Dated this 1 day of September, 2006 at St. Paul in the Province of Alberta, Canada



## **SGH – Soil Gas Hydrocarbon Predictive Geochemistry**

*For*

***Graymount Western Canada***

***A06-3551***

***November 7, 2006***

***Dale Sutherland, Eric Hoffman***

***Activation Laboratories Ltd***

### **EVALUATION OF SGH SAMPLE DATA FOR KIMBERLITE SIGNATURES**

#### **SAMPLING**

Soil, Peat or other sample media types are taken in a grid or in line transects with sampling locations recorded using GPS instrumentation. A "fist" size sample is all that is needed which can include soil, peat, lake bottom sediments, etc. The upper B-Horizon soil, if present, is thought to be the best for SGH. If a B-Horizon is not able to be collected then a consistency in colour and texture is preferred over constant depth for samples. Samples are collected in canvas or Ziploc bags, labeled and recorded. Samples do not require any special preservation for shipping. Samples are then shipped to the laboratory for further processing and for Soil Gas Hydrocarbon testing, by appropriate means.

Samples are received at the laboratory and logged into a computerized Laboratory Information Management System. After labeling, the samples are air dried at 30°C in a controlled environment. Once the samples are dried they are individually sieved and a portion of the -80 mesh fraction collected and put in labeled Kraft envelopes. The samples are then boxed and delivered to the Organics department for analysis.

#### **SOIL GAS HYDROCARBON – "SGH" - ANALYSIS**

An 0.5 gram sample of the sieved homogenized sample is weighed and put into a labeled autosampler vial. A solution is added to the sample and vigorous shaking results in a weak extraction of the adsorbed hydrocarbons from the soil particulates. These sample vials are then logged and loaded into an autosampler. Each sample extract is sequentially analyzed for 162 specific aliphatic and aromatic hydrocarbons. This analysis uses advanced gas chromatographic separation using a high resolution fused silica capillary chromatographic column. After separation the column effluent is analyzed by a customized and ultra-sensitive mass spectrometer. This technique of HRGC/MS is calibrated to detect 162 specific SGH compounds. Subsequent processing of the computer recorded responses results in tabulated SGH data in a Microsoft Excel spreadsheet format.

## **SOIL GAS HYDROCARBON – "SGH" – INTERPRETATION FOR KIMBERLITE TARGETS**

SGH has been studied since 1997 in two CAMIRO (Canadian Mining Research Organization) studies and has been successfully tested as a predictive geochemical tool for several types of mineral targets including Gold, Uranium, Nickel, Copper, VMS and Kimberlites. As Kimberlite targets are relatively small cylindrical formations, and that Kimberlite sites were included in the latest CAMIRO study, several months were dedicated to understanding the specific chemical signature for Kimberlites and in developing an interpretation strategy. To review sample surveys for the potential of Kimberlite targets, the table of SGH results is divided into 19 classes and sub-classes of organic compounds for review. This also separates the different classes of aromatic compounds that make up 75% of the list of 162 SGH compounds, from the aliphatic compounds. The data is then subjected to a Neural Net assessment.

## **"SGH NEURAL NET" – ENHANCEMENT OF KIMBERLITE SIGNATURES**

A Neural Net is a computerized pattern-recognition program, emulating human thought. The 19 SGH classes are individually subjected to a Neural Net program that has been previously trained and tested with SGH data from several Canadian Kimberlite targets including that from the Impala and Big Horn Ekati sites. The location coordinates are not submitted to the Neural Net program, thus each sample is independently reviewed and the results are independent of the sampling design. An SGH sample signature, like a fingerprint, is defined by the compounds detected in the 162 compound analysis. The Neural Net program enhances the specific SGH Kimberlite signatures, if present, that it may find in each sample and supplies a value that emulates the signature that is expected from within a Kimberlite, at the edge or circumference of the Kimberlite, or distal to the Kimberlite. The Neural Net values for each class are only then combined with the sample location coordinates and are then mapped with GeoSoft's Oasis Montaj software using a Kriging algorithm. The 19 Neural Net enhanced SGH maps are then reviewed using visual pattern recognition and an interpretation to the location of probability of a possible buried Kimberlite target is made.

## **SGH KIMBERLITE RATING SYSTEM**

After soil samples are subjected to SGH analysis and the Neural Net enhancement and assessment, the results for each of the 19 SGH classes are mapped and reviewed to determine and find consistent SGH activity or patterns that may describe a Kimberlite signature and thus the location of buried Kimberlite pipes. It has been found that specific SGH classes consistently depict buried Kimberlite pipes and are thus heavily weighted in the interpretation. The subjective interpretation follows a six point rating scale as follows: Very High Probability (Rating 1), High Probability (Rating 2), Good Probability (Rating 3), Fairly Good Probability (Rating 4), Fair Probability (Rating 5), and Low Probability (Rating 6).

A "Very High Probability", (Rating 1), means that the SGH classes most important to describing a Kimberlite signature are all present and consistently describe the same location with well defined anomalies. To obtain this rating there also needs to be other SGH classes that when mapped lend support to the predicted location.

A "High Probability", (Rating 2), rating means that the SGH classes most important to describing a Kimberlite signature are all present and consistently describe the same location with well defined anomalies. The SGH signatures may not be strong enough to also develop other supporting classes.

### **SGH KIMBERLITE RATING SYSTEM (cont.)**

A "Good Probability", (Rating 3), means that the SGH classes most important to describing a Kimberlite signature are mostly present and describe the same location with well defined anomalies. Some supporting classes may be present.

A "Fairly Good Probability", (Rating 4), means that the SGH classes most important to describing a Kimberlite signature are mostly present and describe the same location with fairly well defined anomalies. Some supporting classes may be present.

A "Fair Probability", (Rating 5), means that some of the SGH classes most important to describing a Kimberlite signature are present but a predicted location is difficult to determine. Some supporting classes may be present.

A "Low Probability", (Rating 6), means that some of the SGH classes most important to describing a Kimberlite signature are present but a predicted location is difficult to determine. Supporting classes are not helpful.

### **SGH Evaluation of Results A06-3551 – Graymount Western Canada**

#### **GENERAL**

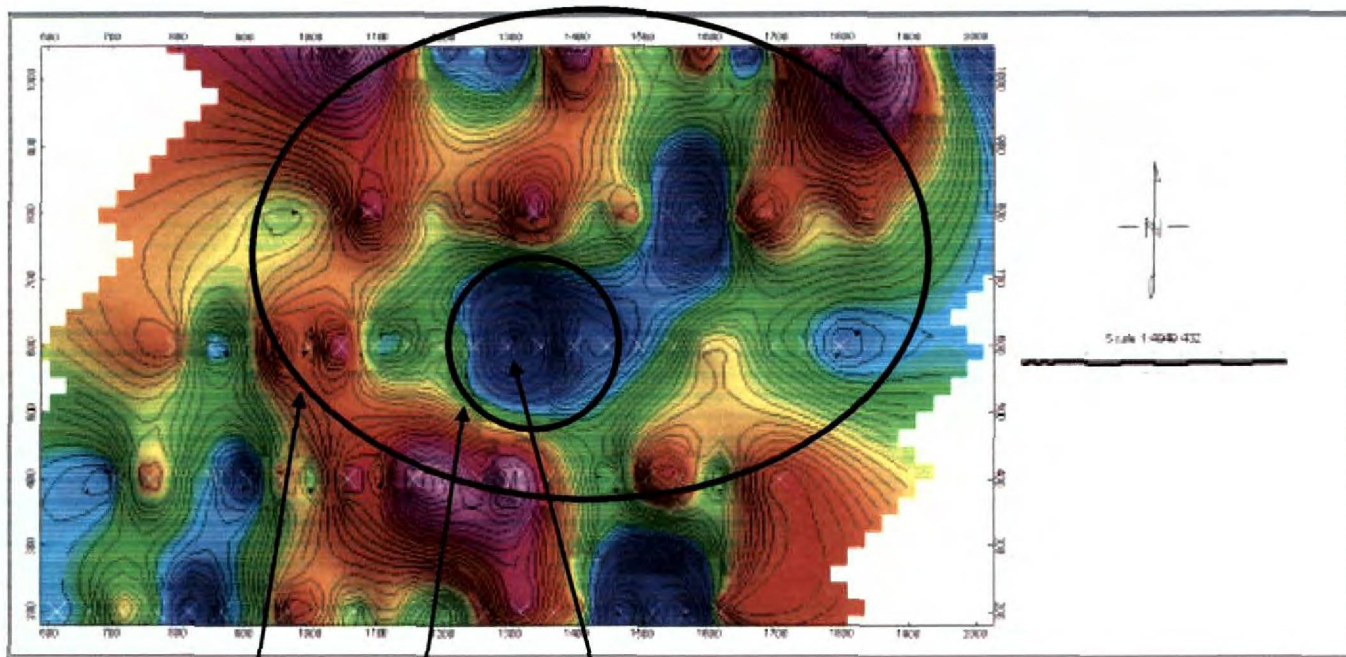
- Relative sample coordinates were provided for mapping purposes.
- Note that no other geochemical or geological information was provided in determining the predicted location of mineralization. The client should use a combination of these SGH results with additional geochemical and/or geological information to obtain a more confident and precise target location.
- The most specific portion of the SGH Kimberlite signature follows this page in vertical and 3D views. A Neural-Net enhancement was conducted on the SGH results.
- A circle or oval (black) is applied to the maps as the interpretation which overlies the area of best probability of the target at depth. Note these maps are not the only information used in the interpretation. For Kimberlite targets, halo type anomalies make up the bulk of interpretive evidence. Different SGH classes are weighted differently in defining a Kimberlite signature.
- Note that the black circle or oval approximately predicts the circumference of the Kimberlite pipe if present. The actual shape or width may vary to some degree. It is anticipated that the best drill target location would be near the centre of this interpretation which is shown as a low area and not at the edge of the target which is at SGH high values. The sample nearest the centre of the interpretation is listed for reference. It has been shown that the high SGH values defining the edges of the pipe are related to bacterial action at depth at the interface of the Kimberlite pipe to the surrounding geology.

## **SGH Evaluation of Results A06-3551 – Graymount Western Canada**

### **SPECIFIC**

- This report consisted of 105 samples that were taken in 5 parallel East-West transects. The 5 sample lines had 200 metre spacing between them with 250 metres between lines 1 and 2.
- The precision of the SGH analysis was excellent as demonstrated by replicate analysis using 7 different samples from the total submission of 105 samples. The overall Coefficient of Variation of the laboratory replicate results was 6.2%.
- The most specific portion of the SGH Kimberlite signature follows this page in vertical and 3D views. Note these maps are not the only information used in the interpretation.
- Of the 19 SGH sub-classes of compounds, six are used to define the SGH signature of a Kimberlite target and are used to confidently vector to the vertical projection of the buried Kimberlite pipe.
- Some of the most important SGH Kimberlite signature class was present in this survey, however, the results were complex and a specific location was difficult to determine. Some SGH supporting classes were also used in the interpretation. The SGH data thus show that there is only a "fair probability" of the presence of a Kimberlite target in the vicinity of the circles as shown on the attached maps. Thus there is a rating of 4 on a scale of 6, with a value of 1 being the best, at the area identified coinciding with the signature obtained from Kimberlite pipes previously reviewed by Actlabs in case studies, including those in the Ekati, that were used as interpretive models.
- The largest circle (Circle A) describes an area that has a possible, but difficult to interpret, Kimberlite signature. We believe that the smaller circle (Circle B) has a somewhat higher probability of being a Kimberlite at this complex site. It might be possible that Circle B represents a small, deeper pipe that released Kimberlite type material into a wide area defined as Circle A (e.g. like the top of a funnel). The diameter of the black Circle B from the SGH interpretation may provide a good indication of the diameter of the Kimberlite pipe at depth.

**SGH Evaluation of Results A06-3551, Graymount Western Canada (cont.)**

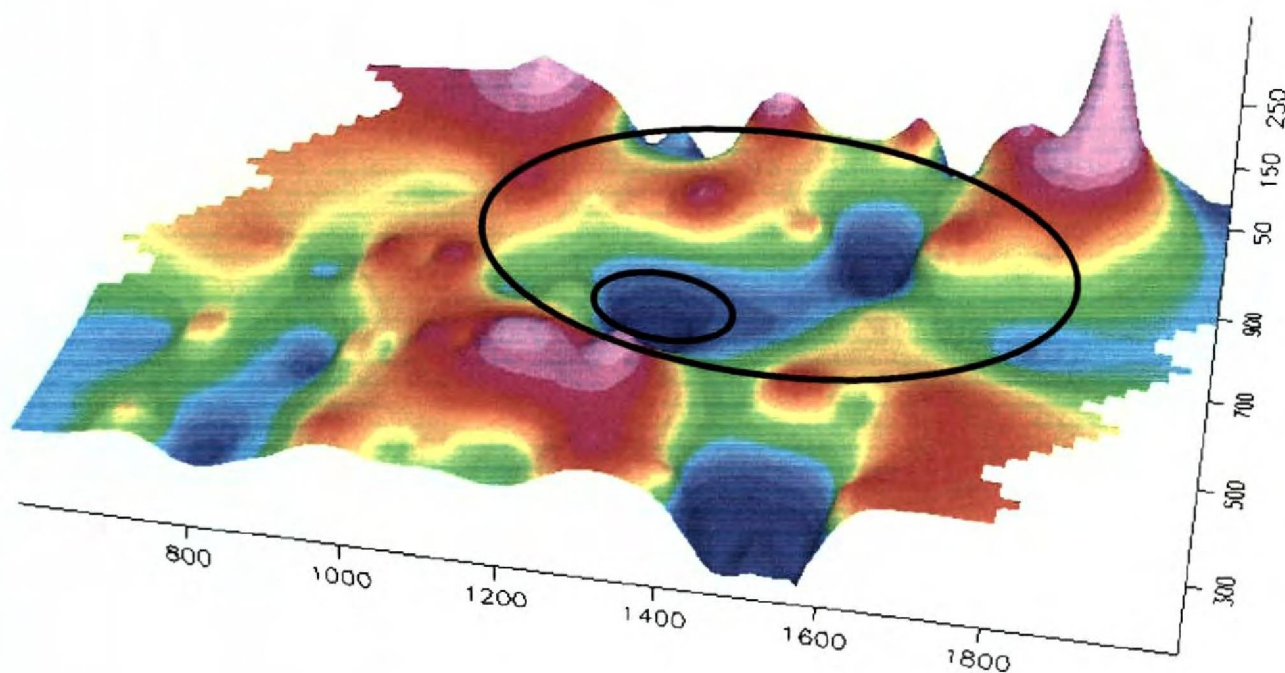


Circle A

Circle B

Sample = Line 3 – STN 500M

**SGH Evaluation of Results A06-3364, Graymount Western Canada (cont.)**





	001 - C5&8A	002 - C7A	003 - C1B	004 - C8A	005 - C2B	006 - C2B	007 - C9A	008 - C3B	009 - C3B	010 - C3B	011 - C10A	012 - C3B	013 - BA
LINE 1 STN 0M	31	88	7	5	3	3	3	-1	-1	-1	-1	-1	2
LINE 1 STN 50M	25	31	5	2	2	3	2	-1	-1	-1	-1	-1	-1
LINE 1 STN 100M	26	13	6	5	2	3	2	1	-1	-1	-1	-1	-1
LINE 1 STN 150M	25	37	8	4	8	11	2	3	-1	-1	-1	-1	2
LINE 1 STN 200M	26	45	6	2	3	4	-1	-1	-1	-1	-1	-1	2
LINE 1 STN 200M-R	27	48	6	-1	2	2	-1	-1	-1	-1	-1	-1	2
LINE 1 STN 250M	26	79	6	2	1	1	4	-1	-1	-1	-1	-1	-1
LINE 1 STN 300M	27	33	5	4	2	3	4	-1	-1	-1	-1	-1	2
LINE 1 STN 350M	27	35	6	3	3	3	4	-1	-1	-1	-1	-1	2
LINE 1 STN 400M	27	12	6	2	-1	2	3	-1	-1	-1	-1	-1	-1
LINE 1 STN 450M	29	13	5	1	-1	2	3	-1	-1	-1	-1	-1	2
LINE 1 STN 500M	29	82	6	1	2	3	2	-1	-1	-1	-1	-1	-1
LINE 1 STN 550M	5	13	5	2	2	2	3	1	-1	-1	-1	-1	1
LINE 1 STN 600M	34	80	5	2	4	4	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 650M	34	10	5	4	1	2	4	-1	-1	-1	-1	-1	1
LINE 1 STN 700M	36	91	1	1	1	1	2	-1	-1	-1	-1	-1	-1
LINE 1 STN 750M	34	88	6	-1	2	2	2	-1	-1	-1	-1	-1	1
LINE 1 STN 800M	33	21	6	3	3	3	1	-1	-1	-1	-1	-1	2
LINE 1 STN 850M	32	40	5	3	-1	1	-1	-1	-1	-1	-1	-1	1
LINE 1 STN 900M	32	83	6	4	-1	2	2	-1	-1	-1	-1	-1	1
LINE 1 STN 950M	82	70	6	5	8	10	7	-1	-1	-1	-1	-1	1
LINE 1 STN 950M-R	67	210	5	4	5	6	5	2	-1	-1	-1	-1	2
LINE 1 STN 1000M	57	42	6	4	3	4	1	1	-1	-1	-1	-1	2
LINE 2 STN 0M	64	220	6	4	3	4	1	-1	-1	-1	-1	-1	-1
LINE 2 STN 50M	62	42	6	3	-1	3	4	2	-1	-1	-1	-1	-1
LINE 2 STN 100M	58	88	5	4	-1	-1	2	1	-1	-1	-1	-1	-1
LINE 2 STN 150M	66	66	6	3	4	4	3	1	-1	-1	-1	-1	-1
LINE 2 STN 200M	64	75	5	4	-1	3	4	-1	-1	-1	-1	-1	1
LINE 2 STN 250M	64	46	5	2	3	3	-1	1	-1	-1	-1	-1	-1
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LINE 2 STN 450M	19	53	6	3	5	5	4	-1	-1	-1	-1	-1	-1
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LINE 2 STN 550M	60	45	6	4	3	4	3	-1	-1	-1	-1	-1	2
LINE 2 STN 600M	63	150	6	2	6	7	3	2	-1	-1	-1	-1	-1
LINE 2 STN 650M	54	180	5	5	2	2	2	-1	-1	-1	-1	-1	3
LINE 2 STN 650M-R	59	94	2	4	2	3	2	-1	-1	-1	-1	-1	2
LINE 2 STN 700M	61	180	5	5	2	2	2	-1	-1	-1	-1	-1	-1
LINE 2 STN 750M	66	120	6	2	-1	3	3	-1	-1	-1	-1	-1	1
LINE 2 STN 800M	60	120	6	4	5	6	4	3	-1	-1	-1	-1	-1
LINE 2 STN 850M	57	56	6	5	4	4	5	-1	-1	-1	-1	-1	-1
LINE 2 STN 900M	58	68	6	4	2	3	3	-1	-1	-1	-1	-1	2
LINE 2 STN 950M	61	200	6	1	2	2	4	-1	-1	-1	-1	-1	2
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LINE 3 STN 50M	59	160	6	5	4	5	1	2	-1	-1	-1	-1	-1
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LINE 3 STN 200M	55	51	6	3	4	5	4	-1	-1	-1	-1	-1	1
LINE 3 STN 250M	56	57	5	3	2	2	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 300M	58	49	5	3	3	3	2	-1	-1	-1	-1	-1	2
LINE 3 STN 350M	62	170	6	2	2	2	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 350M-R	71	130	6	1	-1	2	2	-1	-1	-1	-1	-1	-1

	001 - C5&6A	002 - C7A	003 - C1B	004 - C8A	005 - C2B	006 - C2B	007 - C9A	008 - C3B	009 - C3B	010 - C3B	011 - C10A	012 - C3B	013 - BA
LINE 3 STN 400M	70	57	6	3	4	4	2	-1	-1	-1	-1	-1	2
LINE 3 STN 450M	82	120	7	3	5	5	2	-1	-1	-1	-1	-1	2
LINE 3 STN 500M	76	110	7	5	6	6	4	3	-1	-1	-1	-1	2
LINE 3 STN 550M	91	100	7	5	6	6	4	2	-1	-1	-1	-1	2
LINE 3 STN 600M	62	92	8	3	7	7	2	3	-1	-1	-1	-1	2
LINE 3 STN 650M	68	36	7	1	3	5	5	-1	-1	-1	-1	-1	1
LINE 3 STN 700M	69	70	7	2	4	4	4	-1	-1	-1	-1	-1	1
LINE 3 STN 750M	70	140	6	2	5	6	3	2	-1	-1	-1	-1	1
LINE 3 STN 800M	73	40	6	4	5	5	4	2	-1	-1	-1	-1	1
LINE 3 STN 850M	85	71	7	3	7	8	3	-1	-1	-1	-1	-1	1
LINE 3 STN 900M	41	44	6	2	6	7	5	4	-1	-1	-1	-1	1
LINE 3 STN 950M	39	51	5	2	3	4	3	3	-1	-1	-1	-1	2
LINE 3 STN 1000M	33	45	5	2	4	5	4	-1	-1	-1	-1	-1	1
LINE 4 STN 0M	26	83	6	2	3	4	4	2	-1	-1	-1	-1	2
LINE 4 STN 50M	38	69	6	4	7	10	2	3	-1	-1	-1	-1	1
LINE 4 STN 50M-R	42	43	6	2	8	9	4	2	-1	-1	-1	-1	1
LINE 4 STN 100M	38	60	6	4	3	4	5	2	-1	-1	-1	-1	1
LINE 4 STN 150M	46	50	6	5	4	5	1	2	-1	-1	-1	-1	1
LINE 4 STN 200M	35	53	8	3	10	11	4	6	-1	-1	-1	-1	1
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LINE 4 STN 300M	65	75	7	3	6	6	6	1	-1	-1	-1	-1	2
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LINE 5 STN 400M	66	69	8	5	7	7	5	1	-1	-1	-1	-1	3
LINE 5 STN 450M	63	95	7	3	-1	6	3	2	-1	-1	-1	-1	2
LINE 5 STN 500M	60	120	7	6	6	7	4	2	-1	-1	-1	-1	2
LINE 5 STN 500M-R	70	87	8	6	5	5	4	3	-1	-1	-1	-1	2
LINE 5 STN 550M	76	44	8	3	8	9	5	4	-1	-1	-1	-1	2
LINE 5 STN 600M	65	46	7	5	4	4	4	-1	-1	-1	-1	-1	2
LINE 5 STN 650M	66	110	7	5	7	8	7	4	-1	-1	-1	-1	1
LINE 5 STN 700M	70	90	7	1	7	9	3	3	-1	-1	-1	-1	1
LINE 5 STN 750M	59	82	7	2	7	8	4	3	-1	-1	-1	-1	1
LINE 5 STN 800M	72	100	7	4	7	7	3	-1	-1	-1	-1	-1	1

SOIL GAS HYDROCARBONS  
 (SG) by GC/MS

	001 - C5&6A	002 - C7A	003 - C1B	004 - C8A	005 - C2B	006 - C2B	007 - C9A	008 - C3B	009 - C3B	010 - C3B	011 - C10A	012 - C3B	013 - BA
LINE 5 STM 850M	63	57	7	5	-1	5	1	2	-1	-1	1	-1	-1
LINE 5 STM 900M	70	69	7	5	3	5	4	-1	-1	-1	2	-1	-1
LINE 5 STM 950M	63	120	7	-1	5	5	3	2	-1	-1	-1	-1	1
LINE 5 STM 1000M	82	110	8	2	8	9	4	2	-1	-1	1	-1	1
BLANK	31	79	5	2	1	1	-1	-1	-1	-1	-1	-1	-1
BLANK	26	76	1	4	-1	1	-1	-1	-1	-1	-1	-1	-1
BLANK	170	170	5	1	-1	-1	1	-1	-1	-1	-1	-1	-1
BLANK	190	200	2	5	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	28	130	5	2	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	66	27	1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
BLANK	70	35	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1

	014 - C4B	015 -	016 - C4B	017 - C4B	018 - C4B	019 - C4B	020 - C11A	021 - C2N	022 - BA	023 -	024 - C5B	025 -	026 - BA
LINE 1 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 200M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 950M-R	-1	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	-1
LINE 1 STN 1000M	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
LINE 2 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 650M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 350M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

	014 - C4B	015 -	016 - C4B	017 - C4B	018 - C4B	019 - C4B	020 - C11A	021 - C2N	022 - BA	023 -	024 - C5B	025 -	026 - BA
LINE 3 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 50M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 100M	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
LINE 4 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 300M	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1
LINE 4 STN 350M	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1
LINE 4 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 550M	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
LINE 4 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 800M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 900M	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1
LINE 4 STN 950M	-1	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	-1
LINE 4 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 200M	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1
LINE 5 STM 250M	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1
LINE 5 STM 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 500M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

	014 - C4B	015 -	016 - C4B	017 - C4B	018 - C4B	019 - C4B	020 - C11A	021 - C2N	022 - BA	023 -	024 - C5B	025 -	026 - BA
LINE 5 STM 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STM 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

	027 - C4B	028 - ALK	029 - C4B	030 - C5B	031 - C4B	032 - C5B	033 - C5B	034 - C5B	035 -	036 - BA	037 - C5B	038 - BA	039 -
LINE 1 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 200M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 1 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 1 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 1 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 1 STN 950M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 1 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	2	-1
LINE 2 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 2 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 2 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 2 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 2 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 2 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 2 STN 650M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 3 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 350M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1

	027 - C4B	028 - ALK	029 - C4B	030 - C5B	031 - C4B	032 - C5B	033 - C5B	034 - C5B	035 -	036 - BA	037 - C5B	038 - BA	039 -
LINE 3 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 3 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1
LINE 3 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 50M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1
LINE 4 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 800M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 4 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1
LINE 4 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1
LINE 4 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 4 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 5 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 500M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1



	027 - C4B	028 - ALK	029 - C4B	030 - C5B	031 - C4B	032 - C5B	033 - C5B	034 - C5B	035 -	036 - BA	037 - C5B	038 - BA	039 -
LINE 5 STM 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STM 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
LINE 5 STM 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 5 STM 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

	040 - C2PB	041 - BA	042 - C2PB	043 - C5B	044 - C5B	045 - C12A	046 - C3N	047 - BA	048 - C5B	049 - C5B	050 - BA	051 - C2BP	052 - C3PB
LINE 1 STN 0M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 50M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 100M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 150M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 200M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 200M-R	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 250M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 300M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 350M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 400M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 1 STN 450M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 1 STN 500M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 1 STN 550M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 600M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 650M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 1 STN 700M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 750M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 1 STN 800M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 1 STN 850M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 900M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 1 STN 950M	-1	2	-1	-1	-1	2	-1	1	-1	-1	2	-1	-1
LINE 1 STN 950M-R	-1	2	-1	-1	-1	2	-1	1	-1	-1	2	-1	-1
LINE 1 STN 1000M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 0M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 50M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 100M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 150M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 200M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 250M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 300M	-1	2	-1	-1	-1	2	-1	1	-1	-1	1	-1	-1
LINE 2 STN 350M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 400M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 450M	-1	2	-1	-1	-1	2	-1	1	-1	-1	1	-1	-1
LINE 2 STN 500M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 550M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 600M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 650M	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 650M-R	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 750M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 800M	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 850M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 900M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 950M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 2 STN 1000M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 3 STN 0M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 50M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 100M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 150M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 3 STN 200M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 250M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 300M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 350M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 350M-R	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1

	040 - C2PB	041 - BA	042 - C2PB	043 - C5B	044 - C5B	045 - C12A	046 - C3N	047 - BA	048 - C5B	049 - C5B	050 - BA	051 - C28P	052 - C3PB
LINE 3 STN 400M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 450M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 500M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 550M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 600M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 650M	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 700M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 750M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 800M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 850M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 900M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 950M	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 1000M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 0M	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 50M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 50M-R	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 100M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 200M	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 250M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 300M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 350M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 400M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 450M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 500M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 550M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 600M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 650M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 700M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 750M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 800M	-1	2	-1	-1	-1	2	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 800M-R	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 850M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 900M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 950M	-1	2	-1	-1	-1	2	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 1000M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 0M	-1	2	-1	-1	-1	2	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 50M	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 100M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 150M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 200M	-1	2	-1	-1	-1	2	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 250M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 300M	-1	2	-1	-1	-1	2	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 350M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 400M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 450M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 500M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 500M-R	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 550M	-1	2	-1	-1	-1	2	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 600M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 650M	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 700M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 750M	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 800M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1

	040 - C2PB	041 - BA	042 - C2PB	043 - C5B	044 - C5B	045 - C12A	046 - C3N	047 - BA	048 - C5B	049 - C5B	050 - BA	051 - C2BP	052 - C3PB
LINE 5 STM 850M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 5 STM 900M	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 5 STM 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
LINE 5 STM 1000M	-1	2	-1	-1	-1	1	-1	-1	-1	-1	1	-1	-1
BLANK	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
BLANK	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
BLANK	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

	053 - C2PB	054 - C5B	055 - C3PB	056 - C1BP	057 - ALK	058 - C2PB	059 - C2PB	060 - C1N	061 - C2BP	062 - BA	063 - C1N	064 - BA	065 - C3PB
LINE 1 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 1 STN 200M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 1 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 1 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 1 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 1 STN 950M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 1 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 2 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 2 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 2 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 650M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 2 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1
LINE 2 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 350M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1

	053 - C2PB	054 - C5B	055 - C3PB	056 - C1BP	057 - ALK	058 - C2PB	059 - C2PB	060 - C1N	061 - C2BP	062 - BA	063 - C1N	064 - BA	065 - C3PB
LINE 3 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 3 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 50M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 800M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 4 STN 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 0M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 50M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 100M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 150M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 200M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 250M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 300M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 350M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 400M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 450M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 500M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 500M-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 550M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 600M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 650M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 700M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 750M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STN 800M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1

	053 - C2PB	054 - C6B	055 - C3PB	056 - C1BP	057 - ALK	058 - C2PB	059 - C2PB	060 - C1N	061 - C2BP	062 - BA	063 - C1N	064 - BA	065 - C3PB
LINE 5 STM 850M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STM 900M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STM 950M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
LINE 5 STM 1000M	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1

	066 - BA	067 - C2BP	068 - C3PB	069 - C13A	070 - C3PB	071 - C3PB	072 - C3PB	073 - BA	074 - BA	075 - C3PB	076 - C1F	077 -	078 - ALK
LINE 1 STN 0M	1	-1	-1	1	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 50M	1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1
LINE 1 STN 100M	1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1
LINE 1 STN 150M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 200M	1	-1	-1	-1	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 200M-R	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1
LINE 1 STN 250M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 300M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 350M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 400M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 450M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 1 STN 500M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 1 STN 550M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 1 STN 600M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 650M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 700M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 750M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 800M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 1 STN 850M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 1 STN 900M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 1 STN 950M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 1 STN 950M-R	-1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 1 STN 1000M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 2 STN 0M	1	-1	-1	2	-1	-1	-1	-1	1	-1	-1	-1	-1
LINE 2 STN 50M	1	-1	-1	-1	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 100M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 150M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 200M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 250M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 300M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 350M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 400M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 450M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 2 STN 500M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 550M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 2 STN 600M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 2 STN 650M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 2 STN 650M-R	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 700M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 750M	1	-1	-1	1	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 800M	-1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 2 STN 850M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 900M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 2 STN 950M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 2 STN 1000M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 0M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 50M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 100M	1	-1	-1	-1	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 150M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 200M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 3 STN 250M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 300M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 350M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 350M-R	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1



	066 - BA	067 - C2BP	068 - C3PB	069 - C13A	070 - C3PB	071 - C3PB	072 - C3PB	073 - BA	074 - BA	075 - C3PB	076 - C1F	077 -	078 - ALK
LINE 3 STN 400M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 450M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 3 STN 500M	-1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 3 STN 550M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 600M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 3 STN 650M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 3 STN 700M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 3 STN 750M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 800M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 850M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 900M	1	-1	-1	1	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 3 STN 950M	1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LINE 3 STN 1000M	1	-1	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1
LINE 4 STN 0M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 50M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 50M-R	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 4 STN 100M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 150M	1	-1	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1
LINE 4 STN 200M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 250M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 300M	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 350M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 400M	1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 4 STN 450M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 500M	1	-1	-1	2	-1	-1	-1	-1	1	-1	-1	-1	-1
LINE 4 STN 550M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 600M	1	-1	-1	-1	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 650M	2	-1	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1
LINE 4 STN 700M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 4 STN 750M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 800M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 4 STN 800M-R	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 4 STN 850M	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 4 STN 900M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 4 STN 950M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 4 STN 1000M	-1	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 5 STN 0M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 50M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 5 STN 100M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 5 STN 150M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 200M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 250M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 5 STN 300M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 350M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 400M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 450M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 500M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 500M-R	-1	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 550M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 600M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
LINE 5 STN 650M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 700M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 750M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STN 800M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1

	066 - BA	067 - C2BP	068 - C3PB	069 - C13A	070 - C3PB	071 - C3PB	072 - C3PB	073 - BA	074 - BA	075 - C3PB	076 - C1F	077 -	078 - ALK
LINE 5 STM 850M	2	-1	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1
LINE 5 STM 900M	1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
LINE 5 STM 950M	2	-1	-1	2	-1	-1	-1	2	2	-1	-1	-1	-1
LINE 5 STM 1000M	2	-1	-1	2	-1	-1	-1	1	2	-1	-1	-1	-1
BLANK	-1	-1	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
BLANK	-1	-1	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1
BLANK	1	-1	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1
BLANK	1	-1	-1	1	-1	-1	-1	1	1	-1	-1	-1	-1
BLANK	2	-1	-1	2	-1	-1	-1	1	1	-1	-1	-1	-1
BLANK	-1	-1	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-1

	079 - C2BP	080 - C1F	081 -	082 - C1F	083 - BA	084 - BA	085 - C1F	086 - BP	087 -	088 - BA	089 - DBT	090 - C3PB	091 - C3BP
LINE 1 STN 0M	-1	-1	-1	-1	3	-1	4	-1	-1	2	-1	-1	-1
LINE 1 STN 50M	-1	-1	-1	-1	4	-1	4	-1	-1	3	-1	-1	-1
LINE 1 STN 100M	-1	-1	-1	-1	4	-1	3	-1	-1	4	-1	-1	-1
LINE 1 STN 150M	-1	-1	-1	-1	4	-1	4	-1	-1	4	-1	-1	-1
LINE 1 STN 200M	-1	-1	-1	-1	5	-1	3	-1	-1	4	-1	-1	-1
LINE 1 STN 200M-R	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1	-1	-1
LINE 1 STN 250M	-1	-1	-1	-1	4	-1	4	-1	-1	3	-1	-1	-1
LINE 1 STN 300M	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
LINE 1 STN 350M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	1	-1
LINE 1 STN 400M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 1 STN 450M	-1	-1	-1	-1	-1	-1	4	-1	-1	4	-1	1	-1
LINE 1 STN 500M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 1 STN 550M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	1	-1
LINE 1 STN 600M	-1	-1	-1	-1	5	-1	5	-1	-1	5	-1	1	-1
LINE 1 STN 650M	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
LINE 1 STN 700M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	1	-1
LINE 1 STN 750M	-1	-1	-1	-1	7	-1	4	-1	-1	5	-1	-1	-1
LINE 1 STN 800M	-1	-1	-1	-1	5	-1	3	-1	-1	4	-1	-1	-1
LINE 1 STN 850M	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	-1	-1
LINE 1 STN 900M	-1	-1	-1	-1	7	1	5	-1	-1	5	-1	-1	-1
LINE 1 STN 950M	-1	-1	-1	-1	5	1	4	-1	-1	4	-1	1	-1
LINE 1 STN 950M-R	-1	-1	-1	-1	5	-1	3	-1	-1	3	-1	-1	-1
LINE 1 STN 1000M	-1	-1	-1	-1	3	-1	3	-1	-1	4	-1	-1	-1
LINE 2 STN 0M	-1	-1	-1	-1	4	-1	3	-1	-1	3	-1	-1	-1
LINE 2 STN 50M	-1	-1	-1	-1	5	-1	3	-1	-1	4	-1	-1	-1
LINE 2 STN 100M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 2 STN 150M	-1	-1	-1	-1	7	-1	5	-1	-1	4	-1	-1	-1
LINE 2 STN 200M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	1	-1
LINE 2 STN 250M	-1	-1	-1	-1	5	-1	4	-1	-1	5	-1	-1	-1
LINE 2 STN 300M	-1	-1	-1	-1	5	-1	4	-1	-1	3	-1	-1	-1
LINE 2 STN 350M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 2 STN 400M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 2 STN 450M	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
LINE 2 STN 500M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 2 STN 550M	-1	-1	-1	-1	6	-1	4	-1	-1	5	-1	-1	-1
LINE 2 STN 600M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	1	-1
LINE 2 STN 650M	-1	-1	-1	-1	7	-1	5	-1	-1	6	-1	1	-1
LINE 2 STN 650M-R	-1	-1	-1	-1	5	-1	3	-1	-1	3	-1	-1	-1
LINE 2 STN 700M	-1	-1	-1	-1	5	-1	5	-1	-1	4	-1	-1	-1
LINE 2 STN 750M	-1	-1	-1	-1	5	-1	3	-1	-1	3	-1	-1	-1
LINE 2 STN 800M	-1	-1	-1	-1	7	-1	5	-1	-1	4	-1	-1	-1
LINE 2 STN 850M	-1	-1	-1	-1	4	-1	4	-1	-1	4	-1	-1	-1
LINE 2 STN 900M	-1	-1	-1	-1	6	-1	5	-1	-1	4	-1	-1	-1
LINE 2 STN 950M	-1	-1	-1	-1	6	-1	4	-1	-1	5	-1	-1	-1
LINE 2 STN 1000M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 3 STN 0M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 3 STN 50M	-1	-1	-1	-1	6	-1	5	-1	-1	4	-1	-1	-1
LINE 3 STN 100M	-1	-1	-1	-1	6	-1	5	-1	-1	4	-1	-1	-1
LINE 3 STN 150M	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
LINE 3 STN 200M	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
LINE 3 STN 250M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	-1	-1
LINE 3 STN 300M	-1	-1	-1	-1	5	-1	5	-1	-1	5	-1	-1	-1
LINE 3 STN 350M	-1	-1	-1	-1	7	1	6	-1	-1	4	-1	-1	-1
LINE 3 STN 350M-R	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	-1	-1

	079 - C2BP	080 - C1F	081 -	082 - C1F	083 - BA	084 - BA	085 - C1F	086 - BP	087 -	088 - BA	089 - DBT	090 - C3PB	091 - C3BP
LINE 3 STN 400M	-1	-1	-1	-1	6	1	5	-1	-1	5	-1	-1	-1
LINE 3 STN 450M	-1	-1	-1	-1	5	1	5	-1	-1	4	-1	-1	-1
LINE 3 STN 500M	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	-1	-1
LINE 3 STN 550M	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
LINE 3 STN 600M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	-1	-1
LINE 3 STN 650M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 3 STN 700M	-1	-1	-1	-1	6	-1	5	-1	-1	4	-1	-1	-1
LINE 3 STN 750M	-1	-1	-1	-1	5	-1	5	-1	-1	4	-1	-1	-1
LINE 3 STN 800M	-1	-1	-1	-1	6	-1	6	-1	-1	4	-1	-1	-1
LINE 3 STN 850M	-1	-1	-1	-1	6	1	6	-1	-1	4	-1	-1	-1
LINE 3 STN 900M	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1	-1	-1
LINE 3 STN 950M	-1	-1	-1	-1	4	-1	3	-1	-1	3	-1	-1	-1
LINE 3 STN 1000M	-1	-1	-1	-1	4	-1	3	-1	-1	3	-1	-1	-1
LINE 4 STN 0M	-1	-1	-1	-1	4	-1	3	-1	-1	3	-1	-1	-1
LINE 4 STN 50M	-1	-1	-1	-1	4	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 50M-R	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1	-1	-1
LINE 4 STN 100M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 150M	-1	-1	-1	-1	4	-1	4	-1	-1	2	-1	-1	-1
LINE 4 STN 200M	-1	-1	-1	-1	6	-1	6	-1	-1	4	-1	-1	-1
LINE 4 STN 250M	-1	-1	-1	-1	5	-1	5	-1	-1	4	-1	-1	-1
LINE 4 STN 300M	-1	-1	-1	-1	5	-1	5	-1	-1	3	-1	-1	-1
LINE 4 STN 350M	-1	-1	-1	-1	6	-1	4	-1	-1	3	-1	-1	-1
LINE 4 STN 400M	-1	-1	-1	-1	6	-1	4	-1	-1	3	-1	-1	-1
LINE 4 STN 450M	-1	-1	-1	-1	4	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 500M	-1	-1	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1
LINE 4 STN 550M	-1	-1	-1	-1	4	-1	4	-1	-1	3	-1	-1	-1
LINE 4 STN 600M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	-1	-1
LINE 4 STN 650M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 700M	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 750M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 800M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 800M-R	-1	-1	-1	-1	6	-1	4	-1	-1	5	-1	-1	-1
LINE 4 STN 850M	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
LINE 4 STN 900M	-1	-1	-1	-1	7	1	5	-1	-1	4	-1	-1	-1
LINE 4 STN 950M	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	-1	-1
LINE 4 STN 1000M	-1	-1	-1	-1	7	1	5	-1	-1	4	-1	-1	-1
LINE 5 STN 0M	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 50M	-1	-1	-1	-1	6	-1	5	-1	-1	4	-1	-1	-1
LINE 5 STN 100M	-1	-1	-1	-1	5	-1	5	-1	-1	4	-1	-1	-1
LINE 5 STN 150M	-1	-1	-1	-1	7	1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 200M	-1	-1	-1	-1	8	-1	5	-1	-1	4	-1	-1	-1
LINE 5 STN 250M	-1	-1	-1	-1	5	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 300M	-1	-1	-1	-1	7	-1	6	-1	-1	5	-1	-1	-1
LINE 5 STN 350M	-1	-1	-1	-1	7	-1	6	-1	-1	4	-1	-1	-1
LINE 5 STN 400M	-1	-1	-1	-1	8	-1	6	-1	-1	5	-1	-1	-1
LINE 5 STN 450M	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 500M	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 500M-R	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 550M	-1	-1	-1	-1	6	1	4	-1	-1	5	-1	-1	-1
LINE 5 STN 600M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 650M	-1	-1	-1	-1	7	-1	5	-1	-1	6	-1	-1	-1
LINE 5 STN 700M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 750M	-1	-1	-1	-1	8	-1	5	-1	-1	5	-1	-1	-1
LINE 5 STN 800M	-1	-1	-1	-1	6	1	5	-1	-1	5	-1	-1	-1

	079 - C2BP	080 - C1F	081 -	082 - C1F	083 - BA	084 - BA	085 - C1F	086 - BP	087 -	088 - BA	089 - DB1	090 - C3PB	091 - C3BP
LINE 5 STM 850M	-1	-1	-1	-1	7	-1	5	-1	-1	5	-1	1	-1
LINE 5 STM 900M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	1	-1
LINE 5 STM 950M	-1	-1	-1	-1	7	-1	6	-1	-1	6	-1	1	-1
LINE 5 STM 1000M	-1	-1	-1	-1	6	-1	5	-1	-1	5	-1	1	-1
BLANK	-1	-1	-1	-1	6	-1	4	-1	-1	3	-1	-1	-1
BLANK	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
BLANK	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
BLANK	-1	-1	-1	-1	6	-1	4	-1	-1	4	-1	-1	-1
BLANK	-1	-1	-1	-1	5	-1	4	-1	-1	4	-1	-1	-1
BLANK	-1	-1	-1	-1	5	-1	5	-1	-1	3	-1	-1	-1
BLANK	-1	-1	-1	-1	4	-1	3	-1	-1	3	-1	-1	-1

	092 - C2N	093 - C14A	094 - C3BP	095 -	096 - C2N	097 - BA	098 - T	099 - C2N	100 - C2N	101 -	102 - C1BP	103 - C2N	104 -
LINE 1 STN 0M	1	5	-1	-1	1	4	-1	1	1	-1	-1	1	1
LINE 1 STN 50M	-1	5	-1	-1	-1	4	-1	-1	1	-1	-1	1	-1
LINE 1 STN 100M	1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 1 STN 150M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	1
LINE 1 STN 200M	1	5	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
LINE 1 STN 200M-R	1	4	-1	-1	1	2	-1	-1	1	-1	-1	1	1
LINE 1 STN 250M	1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	1
LINE 1 STN 300M	1	6	-1	-1	-1	6	-1	-1	-1	-1	-1	1	1
LINE 1 STN 350M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	1
LINE 1 STN 400M	1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 1 STN 450M	-1	7	-1	-1	-1	6	-1	-1	1	-1	-1	1	1
LINE 1 STN 500M	1	6	-1	-1	-1	6	-1	-1	1	-1	-1	1	1
LINE 1 STN 550M	1	6	-1	-1	1	6	-1	-1	1	-1	-1	1	1
LINE 1 STN 600M	1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	1
LINE 1 STN 650M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	1
LINE 1 STN 700M	-1	6	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 1 STN 750M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	1
LINE 1 STN 800M	1	6	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
LINE 1 STN 850M	-1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 1 STN 900M	1	7	-1	-1	1	7	-1	-1	1	-1	-1	1	1
LINE 1 STN 950M	1	6	-1	1	1	6	-1	-1	1	-1	-1	1	1
LINE 1 STN 950M-R	1	6	-1	-1	1	6	-1	1	1	-1	1	1	1
LINE 1 STN 1000M	-1	5	-1	-1	-1	4	-1	-1	-1	-1	-1	1	1
LINE 2 STN 0M	1	5	-1	-1	1	-1	-1	-1	1	-1	-1	1	1
LINE 2 STN 50M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	1
LINE 2 STN 100M	1	5	-1	-1	1	4	-1	-1	1	-1	-1	1	1
LINE 2 STN 150M	1	7	-1	-1	-1	6	-1	-1	-1	-1	-1	1	1
LINE 2 STN 200M	1	6	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
LINE 2 STN 250M	-1	6	-1	-1	1	6	-1	-1	1	-1	-1	1	1
LINE 2 STN 300M	1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	-1
LINE 2 STN 350M	1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	1
LINE 2 STN 400M	-1	6	-1	-1	1	5	-1	-1	-1	-1	-1	2	1
LINE 2 STN 450M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	1
LINE 2 STN 500M	1	6	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
LINE 2 STN 550M	-1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	1
LINE 2 STN 600M	1	6	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 2 STN 650M	1	6	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 2 STN 650M-R	1	6	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
LINE 2 STN 700M	1	7	-1	-1	1	5	-1	-1	-1	-1	-1	1	1
LINE 2 STN 750M	1	5	-1	-1	1	5	-1	-1	-1	-1	-1	1	1
LINE 2 STN 800M	1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 2 STN 850M	-1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	1
LINE 2 STN 900M	-1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 2 STN 950M	-1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	1
LINE 2 STN 1000M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	1
LINE 3 STN 0M	1	6	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
LINE 3 STN 50M	-1	6	-1	-1	1	6	-1	-1	-1	-1	-1	1	1
LINE 3 STN 100M	-1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 150M	-1	6	-1	-1	-1	6	-1	-1	1	-1	-1	-1	-1
LINE 3 STN 200M	1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	1
LINE 3 STN 250M	1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	1
LINE 3 STN 300M	-1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 350M	1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	1
LINE 3 STN 350M-R	-1	6	-1	-1	-1	4	-1	-1	-1	-1	-1	1	1

	092 - C2N	093 - C14A	094 - C3BP	095 -	096 - C2N	097 - BA	098 - T	099 - C2N	100 - C2N	101 -	102 - C1BP	103 - C2N	104 -
LINE 3 STN 400M	-1	5	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 450M	1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 500M	1	7	-1	-1	-1	6	-1	-1	1	-1	-1	1	-1
LINE 3 STN 550M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 3 STN 600M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 3 STN 650M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 3 STN 700M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 3 STN 750M	1	7	-1	-1	1	5	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 800M	1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 850M	1	6	-1	-1	-1	5	-1	-1	1	-1	-1	1	-1
LINE 3 STN 900M	-1	4	-1	-1	-1	4	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 950M	1	4	-1	-1	-1	4	-1	-1	-1	-1	-1	1	-1
LINE 3 STN 1000M	-1	5	-1	-1	-1	4	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 0M	-1	5	-1	-1	-1	4	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 50M	-1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 50M-R	-1	5	-1	-1	-1	4	-1	-1	-1	-1	-1	-1	-1
LINE 4 STN 100M	-1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 150M	1	5	-1	-1	1	5	-1	-1	1	-1	-1	1	-1
LINE 4 STN 200M	-1	7	-1	-1	-1	6	-1	-1	1	-1	-1	1	-1
LINE 4 STN 250M	1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 300M	-1	5	-1	-1	1	5	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 350M	1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 400M	1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 450M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	-1
LINE 4 STN 500M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	-1
LINE 4 STN 550M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	-1
LINE 4 STN 600M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 4 STN 650M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 4 STN 700M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	-1
LINE 4 STN 750M	1	6	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 4 STN 800M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 4 STN 800M-R	1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 850M	1	6	-1	-1	1	5	-1	-1	1	-1	-1	1	-1
LINE 4 STN 900M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	-1
LINE 4 STN 950M	-1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	-1
LINE 4 STN 1000M	-1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	-1	-1
LINE 5 STN 0M	1	7	-1	-1	-1	6	-1	-1	-1	-1	-1	1	-1
LINE 5 STN 50M	-1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 5 STN 100M	-1	6	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 150M	-1	6	-1	-1	1	5	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 200M	-1	6	-1	-1	-1	6	-1	-1	1	-1	-1	1	-1
LINE 5 STM 250M	-1	5	-1	-1	-1	5	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 300M	1	8	-1	-1	1	7	-1	-1	1	-1	-1	1	-1
LINE 5 STM 350M	-1	7	-1	-1	-1	6	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 400M	1	7	-1	-1	-1	6	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 450M	1	8	-1	-1	1	7	-1	-1	1	-1	-1	1	-1
LINE 5 STM 500M	1	8	-1	-1	1	7	-1	-1	1	-1	-1	1	-1
LINE 5 STM 500M-R	1	7	-1	-1	1	7	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 550M	1	7	-1	-1	1	7	-1	-1	1	-1	-1	1	-1
LINE 5 STM 600M	1	7	-1	-1	1	6	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 650M	1	7	-1	-1	1	7	-1	-1	1	-1	-1	1	-1
LINE 5 STM 700M	1	7	-1	-1	1	8	-1	-1	1	-1	-1	1	-1
LINE 5 STM 750M	1	8	-1	-1	1	7	-1	-1	-1	-1	-1	1	-1
LINE 5 STM 800M	-1	6	-1	-1	1	6	-1	-1	1	-1	-1	1	-1

	092 - C2N	093 - C14A	094 - C3BP	095 -	096 - C2N	097 - BA	098 - T	099 - C2N	100 - C2N	101 -	102 - C1BP	103 - C2N	104 -
LINE 5 STM 850M	1	7	-1	1	1	7	-1	-1	1	-1	-1	1	1
LINE 5 STM 900M	1	6	-1	1	1	6	-1	-1	1	-1	-1	1	1
LINE 5 STM 950M	1	7	-1	1	1	6	-1	-1	1	-1	-1	1	1
LINE 5 STM 1000M	1	7	-1	-1	1	6	-1	-1	1	-1	-1	1	1
BLANK	-1	5	-1	-1	-1	4	-1	-1	1	-1	-1	1	1
BLANK	-1	-1	-1	-1	-1	5	-1	-1	-1	-1	-1	1	1
BLANK	-1	6	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
BLANK	-1	3	-1	-1	1	5	-1	-1	1	-1	-1	1	1
BLANK	-1	5	-1	-1	-1	5	-1	-1	1	-1	-1	1	1
BLANK	-1	5	-1	-1	-1	4	-1	-1	-1	-1	-1	1	1
BLANK	1	-1	-1	-1	1	5	-1	-1	-1	-1	-1	1	1



	105 - ALK	106 - C3BP	107 - C3BP	108 - C2N	109 -	110 - BA	111 -	112 - C1BP	113 - BA	114 - C1BP	115 - C1BP	116 -	117 - C15A
LINE 1 STN 0M	-1	-1	1	3	3	7	2	2	6	2	2	2	-1
LINE 1 STN 50M	-1	-1	-1	3	2	6	2	2	7	2	3	2	10
LINE 1 STN 100M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 1 STN 150M	-1	-1	-1	3	2	7	2	2	7	2	2	2	12
LINE 1 STN 200M	-1	-1	-1	3	2	7	2	2	7	2	3	2	11
LINE 1 STN 200M-R	-1	-1	-1	3	2	6	2	2	7	2	2	2	8
LINE 1 STN 250M	-1	-1	-1	3	2	7	2	2	6	3	2	2	13
LINE 1 STN 300M	-1	-1	-1	3	2	7	2	2	7	2	2	2	12
LINE 1 STN 350M	-1	-1	-1	3	2	7	2	2	8	2	2	2	11
LINE 1 STN 400M	-1	-1	-1	3	2	7	2	2	8	2	3	2	13
LINE 1 STN 450M	-1	-1	-1	2	2	7	2	2	8	2	2	2	13
LINE 1 STN 500M	-1	-1	-1	3	2	7	2	2	8	2	3	2	12
LINE 1 STN 550M	-1	-1	-1	3	3	7	2	2	7	3	3	2	11
LINE 1 STN 600M	-1	-1	-1	3	2	8	2	2	7	2	3	2	13
LINE 1 STN 650M	-1	-1	-1	3	2	8	2	2	8	2	3	2	11
LINE 1 STN 700M	-1	-1	-1	3	2	7	2	2	7	3	3	2	12
LINE 1 STN 750M	-1	-1	-1	3	2	8	2	2	8	2	3	2	12
LINE 1 STN 800M	-1	-1	-1	3	2	8	2	3	8	3	3	2	12
LINE 1 STN 850M	-1	-1	-1	3	2	8	2	2	8	2	2	2	12
LINE 1 STN 900M	-1	-1	-1	3	2	7	2	2	9	2	2	2	12
LINE 1 STN 950M	-1	-1	-1	3	3	8	2	2	9	3	3	2	13
LINE 1 STN 950M-R	-1	-1	-1	2	2	7	2	2	7	2	3	2	12
LINE 1 STN 1000M	-1	-1	-1	3	2	6	2	2	8	2	3	2	11
LINE 2 STN 0M	-1	-1	-1	3	2	7	2	2	7	2	2	2	6
LINE 2 STN 50M	-1	-1	1	3	2	7	2	2	7	2	3	2	12
LINE 2 STN 100M	-1	-1	-1	3	2	6	2	2	7	2	2	2	9
LINE 2 STN 150M	-1	-1	-1	3	2	7	2	2	8	3	3	2	12
LINE 2 STN 200M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 2 STN 250M	-1	-1	-1	3	2	7	2	2	7	2	2	2	12
LINE 2 STN 300M	-1	-1	-1	3	3	7	2	2	6	2	2	2	11
LINE 2 STN 350M	-1	-1	-1	3	2	7	2	2	8	2	3	2	12
LINE 2 STN 400M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 2 STN 450M	-1	-1	-1	3	2	8	2	2	8	2	2	2	12
LINE 2 STN 500M	-1	-1	-1	3	2	7	2	2	8	2	2	2	11
LINE 2 STN 550M	-1	-1	-1	3	2	8	2	2	7	2	2	2	11
LINE 2 STN 600M	-1	-1	-1	3	2	7	2	2	8	2	3	2	12
LINE 2 STN 650M	-1	-1	-1	3	2	8	2	2	7	2	2	2	13
LINE 2 STN 650M-R	-1	-1	-1	3	2	7	2	2	7	2	3	2	11
LINE 2 STN 700M	-1	-1	-1	2	2	7	2	2	8	2	3	2	12
LINE 2 STN 750M	-1	-1	-1	3	3	6	2	2	7	3	3	2	10
LINE 2 STN 800M	-1	-1	1	3	2	8	2	2	8	2	2	2	12
LINE 2 STN 850M	-1	-1	-1	2	2	7	2	2	7	2	2	2	10
LINE 2 STN 900M	-1	-1	-1	3	2	6	2	2	7	2	3	2	10
LINE 2 STN 950M	-1	-1	-1	3	2	7	2	2	7	2	2	2	12
LINE 2 STN 1000M	-1	-1	-1	3	2	6	2	2	7	2	3	2	11
LINE 3 STN 0M	-1	-1	-1	2	2	7	2	2	7	2	2	2	11
LINE 3 STN 50M	-1	-1	-1	2	2	7	2	2	7	2	2	2	9
LINE 3 STN 100M	-1	-1	1	2	2	7	2	2	7	2	2	2	11
LINE 3 STN 150M	-1	-1	-1	3	2	7	2	2	6	2	2	2	12
LINE 3 STN 200M	-1	-1	-1	2	2	7	2	2	6	2	3	2	11
LINE 3 STN 250M	-1	-1	-1	3	2	7	2	2	7	2	2	2	10
LINE 3 STN 300M	-1	-1	-1	3	2	6	2	2	7	2	2	2	10
LINE 3 STN 350M	-1	-1	-1	2	2	6	2	2	7	2	2	2	10
LINE 3 STN 350M-R	-1	-1	-1	2	2	6	2	2	6	2	2	2	10

	105 - ALK	106 - C3BP	107 - C3BP	108 - C2N	109 -	110 - BA	111 -	112 - C1BP	113 - BA	114 - C1BP	115 - C1BP	116 -	117 - C15A
LINE 3 STN 400M	-1	-1	-1	3	2	6	2	2	6	2	2	2	11
LINE 3 STN 450M	-1	-1	-1	3	2	7	2	2	6	2	2	2	10
LINE 3 STN 500M	-1	-1	-1	2	2	6	2	2	7	2	2	2	10
LINE 3 STN 550M	-1	-1	-1	3	2	7	2	2	7	2	2	2	9
LINE 3 STN 600M	-1	-1	-1	3	3	8	2	2	7	3	3	2	11
LINE 3 STN 650M	-1	-1	-1	3	2	7	2	2	7	2	2	2	9
LINE 3 STN 700M	-1	-1	-1	3	2	7	2	2	7	2	3	2	11
LINE 3 STN 750M	-1	-1	1	2	3	6	2	2	8	3	3	2	11
LINE 3 STN 800M	-1	-1	-1	3	2	8	2	2	8	2	3	2	12
LINE 3 STN 850M	-1	-1	-1	3	2	7	2	3	8	2	3	2	4
LINE 3 STN 900M	-1	-1	-1	3	2	6	2	2	6	2	2	2	10
LINE 3 STN 950M	-1	-1	-1	2	2	6	2	2	7	2	2	2	9
LINE 3 STN 1000M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 4 STN 0M	-1	-1	-1	3	2	6	2	2	6	2	2	2	10
LINE 4 STN 50M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 4 STN 50M-R	-1	-1	-1	2	2	6	2	2	7	2	3	2	11
LINE 4 STN 100M	-1	-1	-1	2	2	7	2	2	7	2	2	2	11
LINE 4 STN 150M	-1	-1	-1	3	2	7	2	2	6	2	2	2	11
LINE 4 STN 200M	-1	-1	-1	3	2	8	2	2	7	3	3	2	13
LINE 4 STN 250M	-1	-1	-1	2	2	8	2	2	8	2	2	2	12
LINE 4 STN 300M	-1	-1	-1	3	2	7	2	2	7	3	3	2	10
LINE 4 STN 350M	-1	-1	-1	3	2	7	2	2	7	3	3	2	11
LINE 4 STN 400M	-1	-1	-1	3	2	8	2	3	8	2	3	2	13
LINE 4 STN 450M	-1	-1	-1	3	2	7	2	2	8	3	3	2	12
LINE 4 STN 500M	-1	-1	-1	3	2	7	2	2	7	2	2	2	10
LINE 4 STN 550M	-1	-1	1	3	3	8	2	2	8	3	3	2	10
LINE 4 STN 600M	-1	-1	1	3	2	8	2	2	8	2	3	2	14
LINE 4 STN 650M	-1	-1	-1	3	2	7	2	2	8	2	3	2	11
LINE 4 STN 700M	-1	-1	1	3	2	7	2	2	8	3	3	2	6
LINE 4 STN 750M	-1	-1	-1	3	2	8	2	3	8	3	3	2	13
LINE 4 STN 800M	-1	-1	-1	3	2	8	2	2	7	2	2	2	12
LINE 4 STN 800M-R	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 4 STN 850M	-1	-1	-1	3	2	7	2	2	6	2	2	2	12
LINE 4 STN 900M	-1	-1	-1	2	2	7	2	2	7	2	2	2	10
LINE 4 STN 950M	-1	-1	-1	3	2	7	2	2	8	2	2	2	13
LINE 4 STN 1000M	-1	-1	-1	2	2	7	2	2	7	2	2	2	10
LINE 5 STN 0M	-1	-1	-1	2	2	8	2	2	9	2	2	2	12
LINE 5 STN 50M	-1	-1	-1	2	2	7	2	2	7	2	2	2	10
LINE 5 STN 100M	-1	-1	-1	3	2	7	2	2	6	2	2	2	13
LINE 5 STM 150M	-1	-1	-1	2	2	7	2	-1	7	2	2	2	11
LINE 5 STM 200M	-1	-1	-1	2	2	7	2	2	7	2	2	2	13
LINE 5 STM 250M	-1	-1	-1	2	2	7	2	2	7	2	2	2	12
LINE 5 STM 300M	-1	-1	-1	2	2	7	2	2	6	2	2	2	13
LINE 5 STM 350M	-1	-1	-1	2	2	7	2	2	6	2	2	2	12
LINE 5 STM 400M	-1	-1	-1	2	2	7	2	2	7	2	2	2	10
LINE 5 STM 450M	-1	-1	-1	3	2	7	2	2	6	2	2	2	11
LINE 5 STM 500M	-1	-1	-1	2	2	7	2	2	7	2	2	2	12
LINE 5 STM 500M-R	-1	-1	-1	2	2	7	2	2	7	2	2	2	12
LINE 5 STM 550M	-1	-1	-1	2	2	7	2	2	7	2	2	2	12
LINE 5 STM 600M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 5 STM 650M	-1	-1	-1	3	2	8	2	2	7	2	3	2	13
LINE 5 STM 700M	-1	-1	-1	2	2	7	2	2	7	2	2	2	12
LINE 5 STM 750M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 5 STM 800M	-1	-1	-1	2	2	7	2	2	7	2	2	2	11

	105 - ALK	106 - C3BP	107 - C3BP	108 - C2N	109 -	110 - BA	111 -	112 - C1BP	113 - BA	114 - C1BP	115 - C1BP	116 -	117 - C15A
LINE 5 STM 850M	-1	-1	-1	2	2	7	2	2	7	2	2	2	10
LINE 5 STM 900M	-1	-1	-1	2	2	7	2	2	7	2	2	2	9
LINE 5 STM 950M	-1	-1	-1	3	2	7	2	2	7	2	2	2	11
LINE 5 STM 1000M	-1	-1	-1	3	2	8	2	2	7	2	2	2	9
BLANK	-1	-1	-1	3	2	6	2	2	8	2	3	2	9
BLANK	-1	-1	-1	2	2	7	2	2	7	2	2	2	11
BLANK	-1	-1	-1	3	2	7	2	2	7	2	3	2	13
BLANK	-1	-1	-1	3	2	7	2	2	7	2	3	2	-1
BLANK	-1	-1	-1	3	2	7	2	2	7	2	3	2	6
BLANK	-1	-1	-1	3	2	7	2	2	7	2	2	2	2
BLANK	-1	-1	-1	3	2	6	2	2	7	2	2	2	9

	118 - C3N	119 - BA	120 - DBT	121 - C3N	122 - P	123 - C3N	124 - CTBP	125 -	126 - C3N	127 - C3N	128 - CTBY	129 -	130 -
LINE 1 STN 0M	2	7	2	2	2	3	2	3	2	2	2	3	3
LINE 1 STN 50M	2	4	2	2	2	3	2	2	2	3	2	3	3
LINE 1 STN 100M	3	7	2	3	2	2	2	2	3	3	2	3	3
LINE 1 STN 150M	3	8	2	2	2	3	3	2	3	3	2	3	3
LINE 1 STN 200M	2	7	2	3	2	3	3	2	3	3	2	3	2
LINE 1 STN 200M-R	3	3	2	3	2	3	3	2	3	3	2	3	2
LINE 1 STN 250M	3	8	2	2	2	3	3	3	3	3	2	3	2
LINE 1 STN 300M	3	8	2	3	2	3	3	3	3	3	2	3	3
LINE 1 STN 350M	3	9	2	3	2	3	3	2	3	3	2	3	3
LINE 1 STN 400M	3	10	2	2	2	3	3	3	3	3	2	3	2
LINE 1 STN 450M	3	10	2	2	2	-1	2	3	3	3	2	3	2
LINE 1 STN 500M	3	9	2	3	2	3	3	3	3	3	2	3	3
LINE 1 STN 550M	3	8	2	3	2	-1	2	3	3	3	2	3	3
LINE 1 STN 600M	3	8	2	3	2	3	3	3	3	3	2	3	3
LINE 1 STN 650M	3	9	2	3	2	3	3	3	3	3	2	3	3
LINE 1 STN 700M	3	8	2	3	2	3	3	3	3	3	2	3	3
LINE 1 STN 750M	3	9	2	2	2	3	3	3	2	3	2	3	3
LINE 1 STN 800M	3	9	2	3	2	3	3	3	2	3	2	3	3
LINE 1 STN 850M	3	8	2	2	2	3	2	2	3	3	2	2	2
LINE 1 STN 900M	3	9	2	3	2	3	3	3	3	3	2	3	3
LINE 1 STN 950M	3	10	2	3	2	4	3	3	3	4	2	3	3
LINE 1 STN 950M-R	2	-1	2	2	2	3	2	3	3	3	2	3	2
LINE 1 STN 1000M	3	7	2	2	2	3	3	2	2	2	2	3	3
LINE 2 STN 0M	3	3	2	3	2	3	3	2	3	3	2	3	3
LINE 2 STN 50M	2	1	2	2	2	3	2	3	2	3	2	3	2
LINE 2 STN 100M	2	6	2	2	2	3	3	2	3	3	2	3	3
LINE 2 STN 150M	2	9	2	2	2	3	3	3	2	2	2	3	3
LINE 2 STN 200M	3	4	2	3	2	3	3	3	2	3	2	3	3
LINE 2 STN 250M	3	8	2	-1	2	3	3	3	3	3	2	3	2
LINE 2 STN 300M	2	6	2	2	2	3	2	3	2	2	2	3	2
LINE 2 STN 350M	2	8	2	2	2	3	3	3	3	3	2	3	2
LINE 2 STN 400M	3	9	2	2	2	3	3	3	2	3	2	3	2
LINE 2 STN 450M	3	9	2	3	2	3	3	3	2	3	2	3	3
LINE 2 STN 500M	2	7	2	2	2	3	3	2	2	3	2	3	2
LINE 2 STN 550M	2	8	2	3	2	3	3	3	3	3	2	3	2
LINE 2 STN 600M	3	7	2	2	2	3	2	2	3	3	2	3	2
LINE 2 STN 650M	3	9	2	3	2	3	3	3	2	3	2	3	3
LINE 2 STN 650M-R	2	6	2	-1	2	3	3	3	2	2	2	3	2
LINE 2 STN 700M	3	8	2	3	2	2	3	2	2	3	2	3	2
LINE 2 STN 750M	3	6	2	3	2	3	3	2	3	3	2	3	3
LINE 2 STN 800M	3	5	2	3	2	3	3	3	2	3	2	3	2
LINE 2 STN 850M	2	8	2	2	2	3	3	3	2	3	2	3	2
LINE 2 STN 900M	3	8	2	2	2	3	3	2	3	3	2	3	2
LINE 2 STN 950M	2	8	2	2	2	3	3	2	3	2	2	3	2
LINE 2 STN 1000M	2	8	2	2	2	3	3	2	2	2	2	3	3
LINE 3 STN 0M	2	-1	2	2	2	3	3	2	2	2	2	3	2
LINE 3 STN 50M	2	8	2	2	2	3	3	2	2	2	2	3	2
LINE 3 STN 100M	2	8	2	2	2	3	2	2	2	2	2	3	2
LINE 3 STN 150M	3	8	2	2	2	3	3	2	2	2	2	3	2
LINE 3 STN 200M	2	8	2	2	2	3	2	3	3	2	1	3	2
LINE 3 STN 250M	2	8	2	2	2	3	2	2	2	3	2	3	2
LINE 3 STN 300M	2	7	2	2	2	3	2	2	2	2	2	2	2
LINE 3 STN 350M	2	6	2	2	2	3	2	3	3	2	2	3	3
LINE 3 STN 350M-R	-1	6	2	2	2	-1	3	2	2	3	2	3	2

Actlabs nor it's employees shall be liable for any claims or damages as a result of this report, any omissions in preparation, or in the test conducted.

	118 - C3N	119 - BA	120 - DBT	121 - C3N	122 - P	123 - C3N	124 - C1BP	125 -	126 - C3N	127 - C3N	128 - CTPY	129 -	130 -
LINE 3 STN 400M	3	8	2	2	2	-1	2	2	2	3	2	2	2
LINE 3 STN 450M	2	7	2	2	2	2	3	2	2	2	2	3	2
LINE 3 STN 500M	2	7	2	2	2	2	2	2	2	2	2	3	2
LINE 3 STN 550M	2	7	2	2	2	3	2	2	2	2	1	2	2
LINE 3 STN 600M	2	2	2	2	2	3	2	2	3	3	2	3	2
LINE 3 STN 650M	2	3	2	2	2	3	2	2	2	2	2	2	2
LINE 3 STN 700M	3	8	-1	-1	2	3	2	2	2	2	2	2	2
LINE 3 STN 750M	3	8	2	3	2	3	3	3	3	3	2	3	2
LINE 3 STN 800M	3	9	2	3	2	3	3	3	3	3	2	3	3
LINE 3 STN 850M	3	7	2	3	2	3	3	2	3	3	2	3	2
LINE 3 STN 900M	2	7	-1	2	2	3	3	2	2	3	2	3	2
LINE 3 STN 950M	2	7	2	2	2	3	2	3	2	2	2	2	2
LINE 3 STN 1000M	3	8	2	2	2	3	2	3	3	3	2	3	2
LINE 4 STN 0M	3	-1	2	3	2	3	3	2	2	3	2	3	2
LINE 4 STN 50M	2	9	2	2	2	3	2	2	3	-1	2	3	2
LINE 4 STN 50M-R	3	8	2	2	2	3	2	2	2	2	2	3	2
LINE 4 STN 100M	-1	9	2	2	2	3	3	2	2	2	2	3	2
LINE 4 STN 150M	3	9	2	3	2	3	3	2	3	3	2	3	2
LINE 4 STN 200M	3	8	2	3	2	3	2	3	2	2	2	3	3
LINE 4 STN 250M	3	8	-1	2	2	3	3	2	3	3	2	3	3
LINE 4 STN 300M	3	3	2	3	2	3	3	2	3	3	2	3	3
LINE 4 STN 350M	3	8	2	2	2	3	3	3	3	3	2	3	3
LINE 4 STN 400M	3	9	2	2	2	3	3	3	3	3	2	3	2
LINE 4 STN 450M	2	9	2	2	2	3	3	3	3	3	2	3	3
LINE 4 STN 500M	3	9	2	-1	2	3	3	3	3	3	2	3	3
LINE 4 STN 550M	3	10	2	2	2	3	3	3	3	3	2	3	3
LINE 4 STN 600M	2	8	2	2	2	3	3	3	3	3	2	3	3
LINE 4 STN 650M	3	8	2	3	2	3	3	3	3	3	2	3	3
LINE 4 STN 700M	3	8	2	3	2	3	3	2	2	2	2	3	2
LINE 4 STN 750M	3	5	2	3	2	3	3	3	3	3	2	3	2
LINE 4 STN 800M	2	7	2	2	2	3	3	2	2	2	2	3	2
LINE 4 STN 800M-R	2	8	2	2	2	2	2	2	2	2	2	3	2
LINE 4 STN 850M	2	8	-1	2	2	3	2	3	2	3	2	3	2
LINE 4 STN 900M	2	5	2	2	2	3	2	2	2	3	2	2	2
LINE 4 STN 950M	2	8	2	2	2	3	3	2	2	2	2	2	2
LINE 4 STN 1000M	3	9	-1	2	2	2	3	2	2	3	2	3	3
LINE 5 STN 0M	2	9	2	2	2	3	2	2	3	3	2	2	2
LINE 5 STN 50M	2	8	2	2	2	3	2	2	2	2	2	2	2
LINE 5 STN 100M	2	4	2	2	2	3	3	2	2	2	2	2	2
LINE 5 STN 150M	2	8	2	2	2	3	3	2	2	2	2	3	2
LINE 5 STN 200M	2	8	2	2	2	3	3	3	2	2	2	3	2
LINE 5 STN 250M	2	1	2	-1	2	3	3	2	2	3	2	3	2
LINE 5 STN 300M	2	9	2	2	2	3	2	2	2	2	2	2	2
LINE 5 STN 350M	2	9	2	-1	2	3	2	2	2	2	2	3	2
LINE 5 STN 400M	2	8	2	2	2	2	3	2	2	2	2	2	2
LINE 5 STN 450M	2	9	2	2	2	2	3	2	2	3	2	2	2
LINE 5 STN 500M	2	9	2	3	2	3	2	3	2	2	2	3	2
LINE 5 STN 500M-R	2	8	-1	2	2	3	3	2	2	2	2	2	2
LINE 5 STN 550M	2	8	2	2	2	3	2	2	2	2	2	3	2
LINE 5 STN 600M	2	8	2	-1	2	3	2	2	2	2	2	2	2
LINE 5 STN 650M	-1	9	2	2	2	3	3	3	2	3	2	3	2
LINE 5 STN 700M	2	4	2	-1	2	3	3	2	2	2	1	3	2
LINE 5 STN 750M	2	9	2	2	2	3	3	2	3	3	2	3	2
LINE 5 STN 800M	2	7	2	-1	2	3	2	2	3	2	2	3	2

	118 - C3N	119 - BA	120 - DBT	121 - C3N	122 - P	123 - C3N	124 - C1BP	125 -	126 - C3N	127 - C3N	128 - C1PY	129 -	130 -
LINE 5 STM 850M	3	8	-1	2	2	3	3	2	2	3	2	3	2
LINE 5 STM 900M	2	7	2	2	2	3	2	2	2	2	2	2	2
LINE 5 STM 950M	2	8	2	2	2	3	2	2	2	3	2	2	2
LINE 5 STM 1000M	2	7	2	2	2	2	3	2	2	2	2	3	2
BLANK	3	7	2	3	2	3	3	2	3	3	2	3	2
BLANK	2	8	2	2	2	3	3	3	3	3	2	3	2
BLANK	3	8	2	3	2	3	2	2	3	3	2	3	3
BLANK	3	3	2	2	2	3	3	3	3	3	2	3	3
BLANK	3	7	2	2	2	3	3	3	3	3	2	3	3
BLANK	2	7	2	3	2	3	2	2	2	3	2	3	2
BLANK	2	6	2	-1	2	3	2	2	2	2	2	3	2

	131 - C3N	132 -	133 -	134 -	135 - C3N	136 - C4N	137 - C1BP	138 - C1BP	139 - C4N	140 - C3N	141 - C2BP	142 - C4N	143 - C16A
LINE 1 STN 0M	3	-1	4	5	5	6	4	4	5	4	5	5	17
LINE 1 STN 50M	3	2	5	6	5	6	4	5	5	4	5	5	18
LINE 1 STN 100M	3	-1	5	5	5	6	4	5	5	5	5	5	18
LINE 1 STN 150M	3	5	5	6	6	6	4	5	5	5	5	5	18
LINE 1 STN 200M	3	2	4	6	6	6	5	5	5	5	5	6	18
LINE 1 STN 200M-R	3	-1	5	6	5	6	4	5	5	5	5	6	18
LINE 1 STN 250M	3	3	5	6	6	6	5	5	5	5	5	5	19
LINE 1 STN 300M	3	2	5	6	5	6	5	5	5	4	6	5	17
LINE 1 STN 350M	3	2	5	5	5	6	4	5	6	5	6	5	15
LINE 1 STN 400M	3	4	5	5	6	7	4	5	6	5	6	6	17
LINE 1 STN 450M	3	2	5	6	6	7	5	5	5	5	6	6	18
LINE 1 STN 500M	3	3	5	6	6	6	4	5	6	5	6	6	10
LINE 1 STN 550M	3	2	6	6	5	7	4	5	5	5	6	5	15
LINE 1 STN 600M	3	-1	5	6	6	6	4	5	5	5	6	5	20
LINE 1 STN 650M	3	5	5	6	6	6	5	5	6	5	6	6	17
LINE 1 STN 700M	3	-1	5	7	5	7	5	5	5	5	6	6	2
LINE 1 STN 750M	3	2	6	6	7	5	4	5	7	3	5	6	10
LINE 1 STN 800M	3	-1	5	6	6	6	4	5	6	5	6	5	15
LINE 1 STN 850M	3	3	5	6	6	7	4	5	6	5	6	6	14
LINE 1 STN 900M	3	2	5	7	5	7	5	5	6	-1	5	6	19
LINE 1 STN 950M	-1	-1	5	6	7	7	5	6	6	6	6	6	24
LINE 1 STN 950M-R	3	1	5	6	5	6	5	5	5	4	5	5	10
LINE 1 STN 1000M	3	2	4	5	6	6	4	5	-1	4	5	5	18
LINE 2 STN 0M	3	5	5	5	6	6	4	4	5	5	5	5	13
LINE 2 STN 50M	3	-1	5	6	6	7	4	5	5	5	5	6	18
LINE 2 STN 100M	3	4	5	5	5	-1	4	5	1	4	5	6	13
LINE 2 STN 150M	3	3	5	6	6	6	4	5	5	4	5	5	17
LINE 2 STN 200M	3	2	5	6	6	5	4	5	5	-1	6	6	17
LINE 2 STN 250M	3	-1	5	6	6	6	4	5	1	5	6	6	11
LINE 2 STN 300M	3	-1	6	5	6	6	4	5	5	4	6	5	21
LINE 2 STN 350M	3	3	5	6	6	6	5	5	5	4	6	6	22
LINE 2 STN 400M	3	5	6	7	5	6	5	5	-1	5	6	6	19
LINE 2 STN 450M	3	3	5	6	6	6	4	5	5	5	6	6	12
LINE 2 STN 500M	3	5	5	6	6	6	4	-1	2	4	6	6	18
LINE 2 STN 550M	3	2	4	6	6	6	4	5	-1	4	5	6	15
LINE 2 STN 600M	3	-1	6	6	6	6	4	5	-1	5	6	-1	17
LINE 2 STN 650M	3	2	5	6	5	5	4	4	5	5	6	6	19
LINE 2 STN 650M-R	3	4	5	6	6	7	4	4	5	-1	4	6	19
LINE 2 STN 700M	3	2	5	6	6	6	4	5	5	5	6	5	17
LINE 2 STN 750M	3	-1	5	5	6	6	4	5	5	5	5	5	18
LINE 2 STN 800M	3	3	5	5	5	6	4	5	5	5	6	-1	18
LINE 2 STN 850M	3	2	5	6	6	6	4	5	6	5	5	6	19
LINE 2 STN 900M	3	2	5	6	6	6	5	4	5	5	5	5	18
LINE 2 STN 950M	3	2	5	6	6	6	4	5	5	4	6	6	17
LINE 2 STN 1000M	3	2	5	5	6	7	4	5	5	5	5	5	17
LINE 3 STN 0M	3	4	5	5	5	6	4	5	5	5	5	6	17
LINE 3 STN 50M	3	2	5	6	5	6	4	5	5	4	5	5	10
LINE 3 STN 100M	3	3	4	5	6	5	4	4	5	4	5	5	15
LINE 3 STN 150M	3	-1	4	5	5	5	4	4	-1	4	5	5	17
LINE 3 STN 200M	3	2	5	6	5	5	4	4	5	4	5	5	17
LINE 3 STN 250M	3	2	5	6	5	6	4	4	5	4	5	5	18
LINE 3 STN 300M	3	4	5	5	5	6	4	4	5	4	5	5	14
LINE 3 STN 350M	3	4	4	5	5	5	4	4	5	4	5	6	18
LINE 3 STN 350M-R	3	1	5	6	5	6	3	4	5	5	5	5	17

	131 - C3N	132 -	133 -	134 -	135 - C3N	136 - C4N	137 - C1BP	138 - C1BP	139 - C4N	140 - C3N	141 - C2BP	142 - C4N	143 - C16A
LINE 3 STN 300M	3	4	4	5	5	5	4	4	5	4	5	5	15
LINE 3 STN 450M	3	5	5	5	5	6	4	5	4	4	5	5	16
LINE 3 STN 500M	3	2	4	5	5	5	4	4	-1	4	5	5	2
LINE 3 STN 550M	3	3	5	6	5	5	4	4	-1	4	5	5	16
LINE 3 STN 600M	3	3	5	6	5	6	4	4	5	4	5	5	18
LINE 3 STN 650M	3	4	4	5	5	5	4	4	5	4	5	5	14
LINE 3 STN 700M	3	4	4	5	5	6	4	4	4	4	5	5	14
LINE 3 STN 750M	3	4	5	6	6	6	5	5	6	5	6	6	21
LINE 3 STN 800M	3	7	6	6	6	6	5	5	1	5	6	5	16
LINE 3 STN 850M	3	3	5	6	6	6	5	5	5	5	6	5	17
LINE 3 STN 900M	3	-1	4	5	5	6	4	4	5	4	5	5	16
LINE 3 STN 950M	3	2	4	6	6	6	4	5	5	5	5	5	14
LINE 3 STN 1000M	3	-1	5	5	5	6	4	5	5	4	5	5	18
LINE 4 STN 0M	3	2	5	5	5	6	4	5	-1	4	5	6	7
LINE 4 STN 50M	3	2	4	5	5	5	5	5	5	4	5	5	19
LINE 4 STN 50M-R	3	2	4	5	5	6	4	4	-1	4	5	6	18
LINE 4 STN 100M	3	2	5	6	5	6	4	5	5	5	6	5	20
LINE 4 STN 150M	3	2	5	6	6	6	4	4	5	5	6	5	21
LINE 4 STN 200M	3	-1	5	6	6	6	4	5	1	5	6	6	18
LINE 4 STN 250M	3	-1	5	6	6	6	4	5	5	4	6	5	14
LINE 4 STN 300M	3	3	4	6	5	7	5	5	6	5	6	6	11
LINE 4 STN 350M	3	3	5	7	6	6	5	5	5	4	5	6	21
LINE 4 STN 400M	3	-1	6	6	6	6	5	5	5	5	6	5	22
LINE 4 STN 450M	3	4	6	6	6	6	4	5	5	5	6	6	14
LINE 4 STN 500M	3	-1	5	6	6	6	5	5	6	5	6	6	22
LINE 4 STN 550M	3	-1	5	7	6	7	5	5	6	5	5	-1	19
LINE 4 STN 600M	3	4	5	6	6	6	5	5	5	5	6	5	21
LINE 4 STN 650M	3	-1	5	6	6	7	4	5	-1	5	6	6	21
LINE 4 STN 700M	3	3	4	5	5	6	4	4	5	4	5	5	17
LINE 4 STN 750M	3	-1	5	6	7	7	5	5	6	5	6	6	20
LINE 4 STN 800M	3	2	4	5	5	6	4	4	-1	5	5	-1	16
LINE 4 STN 800M-R	3	-1	5	5	5	6	4	4	5	5	5	5	16
LINE 4 STN 850M	2	3	5	6	5	6	4	4	-1	4	5	5	9
LINE 4 STN 900M	2	-1	4	6	5	6	4	4	5	4	5	5	19
LINE 4 STN 950M	2	-1	5	5	6	5	4	4	5	5	6	6	12
LINE 4 STN 1000M	3	4	4	5	5	6	4	4	5	4	5	5	1
LINE 5 STN 0M	3	3	5	6	5	6	4	4	5	4	5	5	18
LINE 5 STN 50M	3	-1	5	6	5	5	4	4	5	4	5	5	11
LINE 5 STN 100M	3	2	4	6	6	6	4	4	-1	5	5	5	11
LINE 5 STN 150M	3	7	5	6	5	6	4	4	5	4	5	5	9
LINE 5 STN 200M	3	2	5	6	6	5	4	4	5	5	6	5	18
LINE 5 STN 250M	3	-1	5	5	6	5	5	5	5	4	5	5	16
LINE 5 STN 300M	3	1	5	5	5	6	4	4	5	4	5	5	20
LINE 5 STN 350M	3	3	4	6	5	6	4	5	5	5	5	5	18
LINE 5 STN 400M	3	-1	5	6	5	6	4	5	5	4	5	5	18
LINE 5 STN 450M	3	4	5	5	5	6	4	4	5	4	5	5	18
LINE 5 STN 500M	3	4	4	5	6	5	4	4	5	4	5	6	13
LINE 5 STN 500M-R	3	2	4	6	5	5	4	5	-1	4	6	5	17
LINE 5 STN 550M	2	2	5	5	5	5	4	4	5	5	5	5	16
LINE 5 STN 600M	3	-1	5	5	6	6	4	4	1	5	5	-1	19
LINE 5 STN 650M	3	2	4	5	5	5	4	5	5	4	5	5	19
LINE 5 STN 700M	3	3	4	5	5	5	4	4	5	4	6	6	18
LINE 5 STN 750M	3	-1	5	6	6	6	4	4	5	4	5	5	15
LINE 5 STN 800M	3	-1	4	5	5	5	4	5	5	4	5	5	19



	131 - C3N	132 -	133 -	134 -	135 - C3N	136 - C4N	137 - C1BP	138 - C1BP	139 - C4N	140 - C3N	141 - C2BP	142 - C4N	143 - C16A
LINE 5 STM 850M	3	-1	4	5	5	5	4	4	5	4	5	5	17
LINE 5 STM 900M	3	-1	5	5	5	5	4	4	-1	5	5	5	17
LINE 5 STM 950M	3	-1	4	5	5	5	4	4	5	4	5	5	15
LINE 5 STM 1000M	3	2	4	5	5	6	4	4	5	4	5	5	18
BLANK	3	-1	5	6	5	6	5	5	6	4	5	5	14
BLANK	3	-1	5	6	5	6	5	5	5	5	6	5	15
BLANK	3	5	4	5	6	6	4	-1	5	4	5	5	18
BLANK	3	3	5	6	6	6	5	5	6	5	5	6	19
BLANK	3	-1	5	6	6	7	4	5	5	5	6	5	18
BLANK	3	3	4	6	5	6	4	4	5	4	5	5	13
BLANK	2	1	5	5	5	6	4	5	5	4	5	5	10

	144 - C2BP	145 - BA	146 - C4N	147 - C2BP	148 - C4N	149 - C2BP	150 - C4N	151 - C2BP	152 - C4N	153 - C4N	154 - C4N	155 - C4N	156 - C3BP
LINE 1 STN 0M	6	13	2	4	4	5	5	4	6	12	13	12	10
LINE 1 STN 50M	1	16	2	4	4	6	5	5	6	2	13	13	11
LINE 1 STN 100M	6	18	3	3	4	5	5	5	1	13	12	13	10
LINE 1 STN 150M	5	14	2	4	5	6	5	5	6	13	2	14	10
LINE 1 STN 200M	6	18	3	4	4	6	6	5	1	13	13	13	11
LINE 1 STN 200M-R	5	9	3	4	4	-1	-1	6	7	12	13	12	10
LINE 1 STN 250M	5	13	3	4	4	5	6	5	1	12	13	13	11
LINE 1 STN 300M	6	21	3	4	5	6	5	5	1	14	1	14	11
LINE 1 STN 350M	5	17	3	4	4	1	-1	5	1	13	14	14	10
LINE 1 STN 400M	6	18	3	4	4	6	1	5	-1	13	2	14	11
LINE 1 STN 450M	6	16	3	4	5	6	1	5	1	13	14	15	11
LINE 1 STN 500M	6	17	3	4	5	6	6	5	2	13	13	13	10
LINE 1 STN 550M	-1	16	3	4	4	6	5	5	1	13	13	12	11
LINE 1 STN 600M	7	21	3	4	5	6	5	5	-1	13	2	3	11
LINE 1 STN 650M	6	16	3	4	5	6	6	5	1	14	2	15	12
LINE 1 STN 700M	5	16	3	4	5	-1	6	5	6	13	13	13	10
LINE 1 STN 750M	1	15	3	4	5	6	6	5	-1	13	14	15	11
LINE 1 STN 800M	6	17	3	4	5	-1	6	5	6	3	13	16	10
LINE 1 STN 850M	6	17	3	4	4	6	5	5	7	2	14	13	11
LINE 1 STN 900M	6	20	3	4	5	6	2	5	2	13	13	13	11
LINE 1 STN 950M	7	20	3	4	5	1	6	5	7	3	14	15	11
LINE 1 STN 950M-R	6	15	3	3	4	5	6	6	1	2	2	3	10
LINE 1 STN 1000M	6	15	3	4	4	6	5	4	1	13	13	13	10
LINE 2 STN 0M	6	13	2	4	4	6	5	4	6	2	13	13	12
LINE 2 STN 50M	6	14	2	4	4	6	5	4	6	2	13	13	11
LINE 2 STN 100M	6	16	3	4	4	1	5	5	6	13	12	15	11
LINE 2 STN 150M	6	18	3	4	5	5	5	-1	7	14	13	12	11
LINE 2 STN 200M	6	15	3	4	4	6	5	5	1	13	13	14	12
LINE 2 STN 250M	6	19	3	4	4	6	-1	5	1	14	13	13	10
LINE 2 STN 300M	6	12	3	4	4	1	5	5	1	13	2	14	11
LINE 2 STN 350M	6	18	3	4	4	5	5	5	1	2	3	15	10
LINE 2 STN 400M	6	16	3	4	4	6	5	5	7	2	14	13	11
LINE 2 STN 450M	6	14	3	4	5	6	5	5	7	2	12	14	11
LINE 2 STN 500M	6	17	3	4	4	-1	5	5	1	13	1	14	12
LINE 2 STN 550M	6	20	3	4	5	-1	5	4	6	14	3	12	11
LINE 2 STN 600M	6	19	3	4	4	1	5	5	7	14	2	13	11
LINE 2 STN 650M	5	17	3	4	4	6	5	5	6	2	14	14	12
LINE 2 STN 650M-R	6	14	3	4	-1	6	-1	5	6	2	2	12	10
LINE 2 STN 700M	6	14	3	4	5	5	5	5	6	13	13	12	10
LINE 2 STN 750M	6	16	2	4	4	6	5	5	6	13	13	15	10
LINE 2 STN 800M	6	14	2	4	4	6	5	5	-1	13	12	13	11
LINE 2 STN 850M	5	13	3	4	4	5	5	5	6	13	2	14	11
LINE 2 STN 900M	5	19	2	4	4	4	5	-1	-1	12	12	13	10
LINE 2 STN 950M	5	16	2	4	4	6	5	-1	6	12	13	12	10
LINE 2 STN 1000M	5	16	2	3	4	5	5	5	6	13	3	13	10
LINE 3 STN 0M	6	17	2	3	4	6	5	4	6	13	12	13	11
LINE 3 STN 50M	6	10	2	4	4	-1	5	4	6	2	2	13	10
LINE 3 STN 100M	5	15	3	4	4	5	-1	5	6	11	1	14	2
LINE 3 STN 150M	5	18	2	4	4	4	5	4	6	3	11	14	10
LINE 3 STN 200M	5	15	2	4	4	1	5	4	6	13	2	14	10
LINE 3 STN 250M	6	14	2	4	4	-1	5	4	2	12	12	12	10
LINE 3 STN 300M	5	15	2	4	4	5	5	4	6	13	13	13	10
LINE 3 STN 350M	5	12	2	4	4	5	5	4	6	13	13	13	10
LINE 3 STN 350M-R	5	12	2	3	4	-1	5	5	-1	12	12	11	10

	144 - C2BP	145 - BA	146 - C4N	147 - C2BP	148 - C4N	149 - C2BP	150 - C4N	151 - C2BP	152 - C4N	153 - C4N	154 - C4N	155 - C4N	156 - C3BP
LINE 3 STN 400M	6	13	2	3	4	6	5	4	1	12	12	13	10
LINE 3 STN 450M	5	16	2	4	4	5	5	5	1	11	12	13	10
LINE 3 STN 500M	5	13	3	4	4	5	5	5	6	2	11	13	9
LINE 3 STN 550M	5	13	2	3	4	1	-1	4	6	12	12	11	9
LINE 3 STN 600M	5	16	2	3	4	-1	4	4	6	1	11	12	9
LINE 3 STN 650M	5	15	2	3	4	5	5	5	6	3	12	12	10
LINE 3 STN 700M	5	13	2	3	4	5	5	4	1	12	11	13	9
LINE 3 STN 750M	6	17	3	4	4	6	5	5	-1	14	13	13	2
LINE 3 STN 800M	6	16	3	4	5	6	6	5	1	13	3	15	11
LINE 3 STN 850M	6	20	3	4	4	6	6	5	-1	13	14	2	11
LINE 3 STN 900M	5	12	2	3	4	6	5	4	-1	12	11	13	10
LINE 3 STN 950M	5	13	3	3	4	5	5	4	-1	2	12	13	11
LINE 3 STN 1000M	5	15	3	4	4	-1	5	4	-1	2	12	13	10
LINE 4 STN 0M	5	13	3	4	4	6	5	4	1	13	12	12	11
LINE 4 STN 50M	5	17	2	4	4	5	5	4	-1	12	12	12	10
LINE 4 STN 50M-R	5	14	3	4	5	5	5	4	6	12	13	14	10
LINE 4 STN 100M	5	18	3	4	4	6	5	5	-1	13	13	13	11
LINE 4 STN 150M	5	19	3	4	4	5	5	5	6	13	13	14	10
LINE 4 STN 200M	5	13	3	4	5	6	5	5	-1	2	13	3	11
LINE 4 STN 250M	5	14	3	4	4	6	5	4	6	13	2	13	10
LINE 4 STN 300M	6	18	3	4	5	6	-1	5	1	14	13	14	11
LINE 4 STN 350M	6	14	3	4	5	6	-1	4	1	13	13	14	11
LINE 4 STN 400M	6	15	3	4	4	-1	5	5	7	14	2	13	11
LINE 4 STN 450M	1	17	3	4	4	1	5	4	2	14	14	14	11
LINE 4 STN 500M	6	13	3	4	5	6	5	5	1	14	14	14	1
LINE 4 STN 550M	6	19	2	4	4	6	6	5	-1	14	13	15	12
LINE 4 STN 600M	6	18	3	4	5	6	-1	4	7	14	13	13	12
LINE 4 STN 650M	6	17	3	4	5	1	5	5	3	14	3	14	11
LINE 4 STN 700M	5	13	3	4	4	-1	5	4	6	13	12	12	10
LINE 4 STN 750M	6	20	3	4	5	7	6	5	7	14	14	13	2
LINE 4 STN 800M	5	14	3	3	4	5	5	5	6	12	12	12	9
LINE 4 STN 800M-R	6	17	2	4	4	-1	5	4	1	12	2	12	11
LINE 4 STN 850M	5	16	2	4	4	5	5	5	6	2	2	12	9
LINE 4 STN 900M	5	16	2	3	4	5	5	5	-1	2	2	13	9
LINE 4 STN 950M	6	18	2	4	4	-1	5	4	-1	12	12	12	10
LINE 4 STN 1000M	6	15	2	4	4	6	5	4	6	13	2	13	9
LINE 5 STN 0M	5	22	2	4	4	-1	-1	4	1	11	2	13	10
LINE 5 STN 50M	5	18	3	3	4	5	5	4	-1	12	12	12	10
LINE 5 STN 100M	5	15	2	3	4	5	-1	4	6	12	13	13	10
LINE 5 STM 150M	6	16	3	4	4	-1	5	5	-1	2	12	12	9
LINE 5 STM 200M	6	17	2	4	4	-1	5	5	-1	2	13	11	10
LINE 5 STM 250M	5	19	3	3	4	-1	1	5	6	12	12	13	9
LINE 5 STM 300M	5	21	2	4	4	5	5	5	1	12	12	13	10
LINE 5 STM 350M	5	19	2	3	4	5	5	4	-1	11	12	11	10
LINE 5 STM 400M	5	16	2	3	4	5	5	5	-1	13	12	12	10
LINE 5 STM 450M	5	18	3	4	4	5	5	4	6	12	13	3	10
LINE 5 STM 500M	5	19	3	3	5	5	5	4	6	13	12	11	10
LINE 5 STM 500M-R	5	18	3	4	4	5	5	5	-1	11	12	13	9
LINE 5 STM 550M	5	18	2	3	4	5	-1	5	-1	12	12	12	10
LINE 5 STM 600M	5	17	2	3	4	5	5	4	6	2	12	12	10
LINE 5 STM 650M	5	19	2	4	4	5	-1	4	1	13	12	13	9
LINE 5 STM 700M	5	18	3	4	4	5	5	5	6	12	11	13	10
LINE 5 STM 750M	5	18	2	4	4	6	5	4	6	12	13	13	10
LINE 5 STM 800M	5	15	2	3	4	5	5	4	1	12	12	14	10

	144 - C2BP	145 - BA	146 - C4N	147 - C2BP	148 - C4N	149 - C2BP	150 - C4N	151 - C2BP	152 - C4N	153 - C4N	154 - C4N	155 - C4N	156 - C3BP
LINE 5 STM 850M	5	17	3	3	4	5	-1	4	6	12	12	12	10
LINE 5 STM 900M	5	8	2	3	4	5	5	5	-1	11	13	12	10
LINE 5 STM 950M	5	17	2	3	4	5	5	5	6	12	12	12	9
LINE 5 STM 1000M	5	11	2	3	4	-1	-1	4	6	12	2	14	8
BLANK	6	14	3	4	4	6	6	5	7	14	13	14	10
BLANK	6	16	3	4	4	6	6	5	6	2	13	15	12
BLANK	5	20	2	4	4	5	5	4	6	12	13	13	10
BLANK	1	15	2	4	4	7	1	5	7	13	13	13	10
BLANK	6	15	3	4	4	6	5	5	6	2	2	13	11
BLANK	5	15	2	3	4	5	5	5	6	12	11	12	10
BLANK	5	13	2	3	4	-1	5	5	1	12	12	13	11

SOIL GAS CHLOROCARBONS  
 (SGH) GC/MS

	157 -	158 - BA	159 - C3N	160 - C2BP	161 - C17A	162 - C4N
LINE 1 STN 0M	11	31	13	2	33	14
LINE 1 STN 50M	11	32	2	2	37	13
LINE 1 STN 100M	11	36	14	15	44	15
LINE 1 STN 150M	11	67	13	14	80	2
LINE 1 STN 200M	11	34	2	13	44	14
LINE 1 STN 200M-R	11	33	2	15	44	14
LINE 1 STN 250M	12	35	2	14	48	13
LINE 1 STN 300M	12	38	14	14	46	15
LINE 1 STN 350M	12	36	14	3	21	2
LINE 1 STN 400M	13	40	14	3	50	3
LINE 1 STN 450M	12	39	14	16	39	15
LINE 1 STN 500M	12	38	15	14	43	14
LINE 1 STN 550M	12	33	15	15	42	15
LINE 1 STN 600M	2	32	14	14	51	14
LINE 1 STN 650M	11	38	14	3	45	16
LINE 1 STN 700M	12	35	14	15	28	15
LINE 1 STN 750M	12	39	2	16	42	3
LINE 1 STN 800M	12	39	2	2	29	14
LINE 1 STN 850M	12	39	13	15	47	15
LINE 1 STN 900M	12	39	13	15	49	15
LINE 1 STN 950M	14	43	15	15	58	15
LINE 1 STN 950M-R	12	35	14	14	49	14
LINE 1 STN 1000M	11	36	13	14	49	2
LINE 2 STN 0M	12	36	14	14	44	3
LINE 2 STN 50M	12	36	13	14	44	13
LINE 2 STN 100M	11	29	2	13	44	14
LINE 2 STN 150M	12	36	14	7	42	14
LINE 2 STN 200M	12	37	14	13	47	13
LINE 2 STN 250M	11	36	14	3	47	14
LINE 2 STN 300M	12	38	14	15	2	15
LINE 2 STN 350M	13	34	14	15	26	16
LINE 2 STN 400M	12	32	13	2	44	2
LINE 2 STN 450M	12	3	2	14	42	2
LINE 2 STN 500M	12	34	14	14	42	15
LINE 2 STN 550M	11	40	13	14	51	3
LINE 2 STN 600M	11	34	2	3	43	15
LINE 2 STN 650M	12	36	14	3	45	2
LINE 2 STN 650M-R	12	31	14	2	39	2
LINE 2 STN 700M	12	32	15	2	40	14
LINE 2 STN 750M	2	36	13	13	44	2
LINE 2 STN 800M	12	34	14	2	48	3
LINE 2 STN 850M	2	31	13	13	41	14
LINE 2 STN 900M	11	36	14	13	40	2
LINE 2 STN 950M	10	35	12	14	40	2
LINE 2 STN 1000M	12	32	13	3	42	2
LINE 3 STN 0M	12	32	13	2	34	2
LINE 3 STN 50M	11	35	2	14	41	2
LINE 3 STN 100M	11	30	12	13	39	12
LINE 3 STN 150M	11	33	14	2	41	14
LINE 3 STN 200M	11	33	2	13	42	1
LINE 3 STN 250M	12	3	13	2	37	2
LINE 3 STN 300M	11	31	13	13	37	2
LINE 3 STN 350M	10	33	13	13	41	13
LINE 3 STN 350M-R	10	30	13	13	22	1

SOIL GAS CHLOROCARBONS  
 (SGL) by GC/MS

	157 -	158 - BA	159 - C3N	160 - C2BP	161 - C17A	162 - C4N
LINE 3 STN 400M	11	30	2	2	35	13
LINE 3 STN 450M	1	2	2	13	27	13
LINE 3 STN 500M	10	32	12	14	5	12
LINE 3 STN 550M	11	29	13	3	38	13
LINE 3 STN 600M	10	30	13	13	40	3
LINE 3 STN 650M	10	30	3	2	39	14
LINE 3 STN 700M	11	32	2	12	37	3
LINE 3 STN 750M	13	39	15	2	48	15
LINE 3 STN 800M	12	35	14	2	42	2
LINE 3 STN 850M	12	38	15	14	50	3
LINE 3 STN 900M	11	31	13	12	38	13
LINE 3 STN 950M	11	31	2	14	37	2
LINE 3 STN 1000M	11	34	2	13	44	13
LINE 4 STN 0M	11	35	12	12	52	2
LINE 4 STN 50M	12	36	14	13	46	3
LINE 4 STN 50M-R	11	34	12	13	40	3
LINE 4 STN 100M	11	35	14	14	35	3
LINE 4 STN 150M	13	38	14	3	45	7
LINE 4 STN 200M	12	36	2	15	45	14
LINE 4 STN 250M	12	34	2	14	37	15
LINE 4 STN 300M	12	31	13	3	43	15
LINE 4 STN 350M	12	36	14	13	42	13
LINE 4 STN 400M	2	36	14	16	52	15
LINE 4 STN 450M	13	38	14	14	48	15
LINE 4 STN 500M	12	39	13	14	49	15
LINE 4 STN 550M	12	37	2	15	52	15
LINE 4 STN 600M	12	39	14	13	41	3
LINE 4 STN 650M	2	36	14	2	47	15
LINE 4 STN 700M	11	16	12	11	39	12
LINE 4 STN 750M	13	37	2	2	43	3
LINE 4 STN 800M	10	30	2	12	17	2
LINE 4 STN 800M-R	11	15	13	13	38	14
LINE 4 STN 850M	11	17	14	14	41	13
LINE 4 STN 900M	12	4	2	2	36	13
LINE 4 STN 950M	10	2	1	13	48	2
LINE 4 STN 1000M	11	34	13	12	43	12
LINE 5 STN 0M	11	34	2	12	45	13
LINE 5 STN 50M	10	30	12	13	4	3
LINE 5 STN 100M	12	13	14	12	31	3
LINE 5 STM 150M	10	32	2	2	3	13
LINE 5 STM 200M	10	27	2	13	42	12
LINE 5 STM 250M	10	33	12	13	45	13
LINE 5 STM 300M	11	34	3	13	46	14
LINE 5 STM 350M	10	32	12	13	44	13
LINE 5 STM 400M	11	33	12	12	36	13
LINE 5 STM 450M	11	28	1	2	38	13
LINE 5 STM 500M	11	32	3	2	43	14
LINE 5 STM 500M-R	11	35	2	2	44	3
LINE 5 STM 550M	11	33	3	12	39	2
LINE 5 STM 600M	11	33	2	12	43	13
LINE 5 STM 650M	11	34	13	13	44	14
LINE 5 STM 700M	11	34	13	12	36	13
LINE 5 STM 750M	11	33	13	2	37	14
LINE 5 STM 800M	11	32	12	2	25	2

	157 -	158 - BA	159 - C3N	160 - C2BP	161 - C17A	162 - C4N
LINE 5 STM 850M	11	33	13	13	39	14
LINE 5 STM 900M	10	31	13	2	43	12
LINE 5 STM 950M	10	30	13	13	38	2
LINE 5 STM 1000M	11	30	12	13	36	3
BLANK	12	35	13	14	44	13
BLANK	12	37	13	14	9	2
BLANK	12	32	3	3	43	3
BLANK	12	33	15	3	44	14
BLANK	13	34	14	14	26	15
BLANK	11	30	2	12	38	3
BLANK	11	31	2	13	24	13

## APPENDIX B: LOCATIONS OF SOIL-GAS SAMPLES

## LINE ONE

Station	Zone	Location (UTM NAD83)	
		Easting (m)	Northing (m)
0	12	478744	6393387
50	12	478710	6393377
100	12	478640	6393383
150	12	478611	6393395
200	12	478562	6393396
250	12	478519	6393396
300	12	478462	6393415
350	12	478419	6393412
400	12	478357	6393402
450	12	478333	6393411
500	12	478280	6393417
550	12	478219	6393419
600	12	478177	6393428
650	12	478119	6393430
700	12	478073	6393440
750	12	478023	6393444
800	12	477973	6393436
850	12	477922	6393438
900	12	477873	6393446
950	12	477826	6393444
1000	12	477773	6393436

## LINE TWO

Station	Zone	Location (UTM NAD83)	
		Easting (m)	Northing (m)
0	12	478638	6393178
50	12	478591	6393188
100	12	478541	6393180
150	12	478493	6393179
200	12	478442	6393181
250	12	478395	6393170
300	12	478342	6393181
350	12	478294	6393182
400	12	478247	6393189
450	12	478202	6393189
500	12	478150	6393189
550	12	478100	6393198
600	12	478051	6393189
650	12	478030	6393189
700	12	477968	6393188
750	12	477937	6393189
800	12	477883	6393190
850	12	477812	6393190
900	12	477756	6393197
950	12	477724	6393193
1000	12	477649	6393192



## APPENDIX B: CONTINUED

## LINE THREE

Station	Zone	Location (UTM NAD83)	
		Easting (m)	Northing (m)
0	12	478529	6392992
50	12	478499	6392992
100	12	478424	6392989
150	12	478400	6392987
200	12	478349	6392990
250	12	478306	6392996
300	12	478252	6393000
350	12	478199	6393013
400	12	478153	6393015
450	12	478091	6393008
500	12	478059	6393008
550	12	478013	6393009
600	12	477970	6393002
650	12	477909	6393003
700	12	477867	6392998
750	12	477830	6392996
800	12	477804	6393000
850	12	477768	6393000
900	12	477722	6393022
950	12	477682	6393025
1000	12	477565	6393015

## LINE FOUR

Station	Zone	Location (UTM NAD83)	
		Easting (m)	Northing (m)
0	12	478448	6392830
50	12	478394	6392833
100	12	478352	6392813
150	12	478303	6392818
200	12	478288	6392787
250	12	478214	6392822
300	12	478156	6392819
350	12	478109	6392834
400	12	478061	6392816
450	12	478010	6392818
500	12	477966	6392819
550	12	477911	6392813
600	12	477873	6392812
650	12	477825	6392801
700	12	477810	6392803
750	12	477772	6392806
800	12	477760	6392808
850	12	477655	6392826
900	12	477625	6392833
950	12	477547	6392835
1000	12	477520	6392843

## APPENDIX B: CONTINUED

## LINE FIVE

Station	Zone	Location (UTM NAD83)	
		Easting (m)	Northing (m)
0	12	478326	6392622
50	12	478292	6392626
100	12	478265	6392633
150	12	478209	6392632
200	12	478164	6392634
250	12	478132	6392630
300	12	478075	6392639
350	12	478055	6392637
400	12	478026	6392636
450	12	477957	6392636
500	12	477871	6392636
550	12	477851	6392635
600	12	477783	6392649
650	12	477732	6392656
700	12	477683	6392657
750	12	477648	6392643
800	12	477586	6392635
850	12	477542	6392644
900	12	477482	6392639
950	12	477439	6392634
1000	12	477363	6392632

**FIREBAG KIMBERLITE PROJECT**

**57 degrees, 40 minutes, 56 seconds north  
111 degrees, 21 minutes, 23 seconds west**

**MAIM PERMITS 9302090611 AND 930209612**

**GRAYMONT WESTERN CANADA INC.**

Report Prepared by: Ray Jalbert, Yarlo Resources

## INTRODUCTION

The purpose of the Soil Gas Survey is to determine if an Airborne Magnetometer High which has a tight Bull eye character is a possible Kimberlite.

## SUMMARY

To determine if this target is a possible Kimberlite, a grid pattern of lines were run across the suspected target and samples of soil were taken at 50 m intervals. The soil was gathered at a point 25 centimeters from the surface in a hand dug hole. Approximately 50 cubic centimeters of soil was collected and bagged at each location. Each location was identified with a global positioning system and duly recorded. A hip chain was employed as a double check on distance between each station. Each sample bag was given a number according to the line on which it was collected. A total of five lines were run across the target at 200 meter spacing between each line. Each line has a length of 1000 meters. A total of 210 samples were collected on five lines at 21 samples per line. A 105 samples for Soil Gas, and 105 samples for MMI were collected. As MMI is a follow up survey these were held back pending results of the Soil Gas.

### Location

The target is located just south of the Firebag and Athabasca River confluence, on Graymont controlled land

### Work Performance

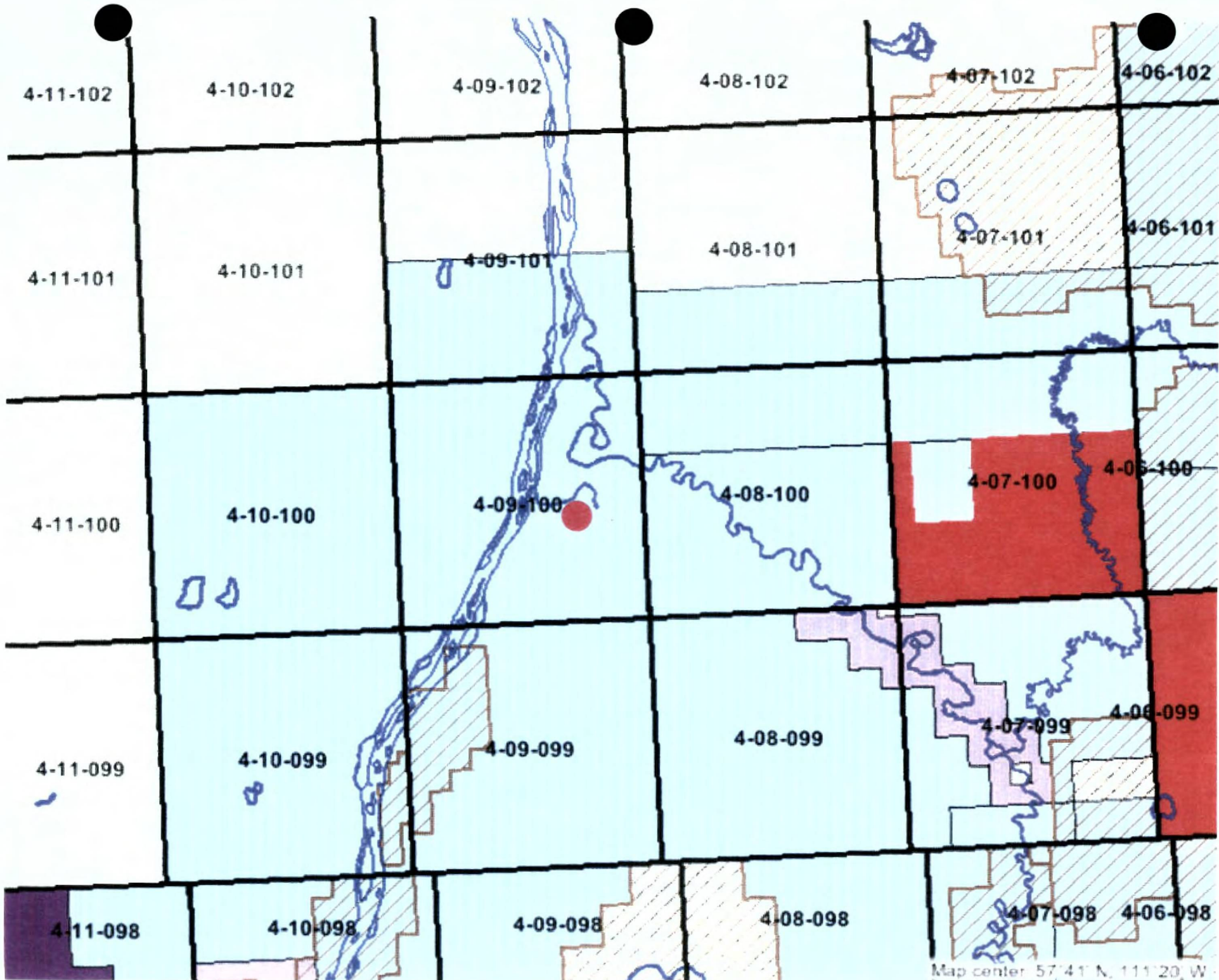
The collecting of soil samples was performed by a two man crew on contract to Graymont Western Inc. The work was undertaken by Yarlo Resources. The sample collection took place from September 7 to September 14, 2006.

### Results

A total of 105 samples were collected for Soil Gas Analysis. The Soil Gas samples were sent to Actlabs in Ancaster, Ontario for analyses, and interpretation.

### Conclusions

At this time until Actlab sends us the results of the analysis no conclusions can be drawn.



FIREBAG KIMBERLITE PROJECT



Map center 57°41' N, 111°20' W

M.P. 2006 0079

KIMBERLITE PROJECT AREA



M.N 2006 0029

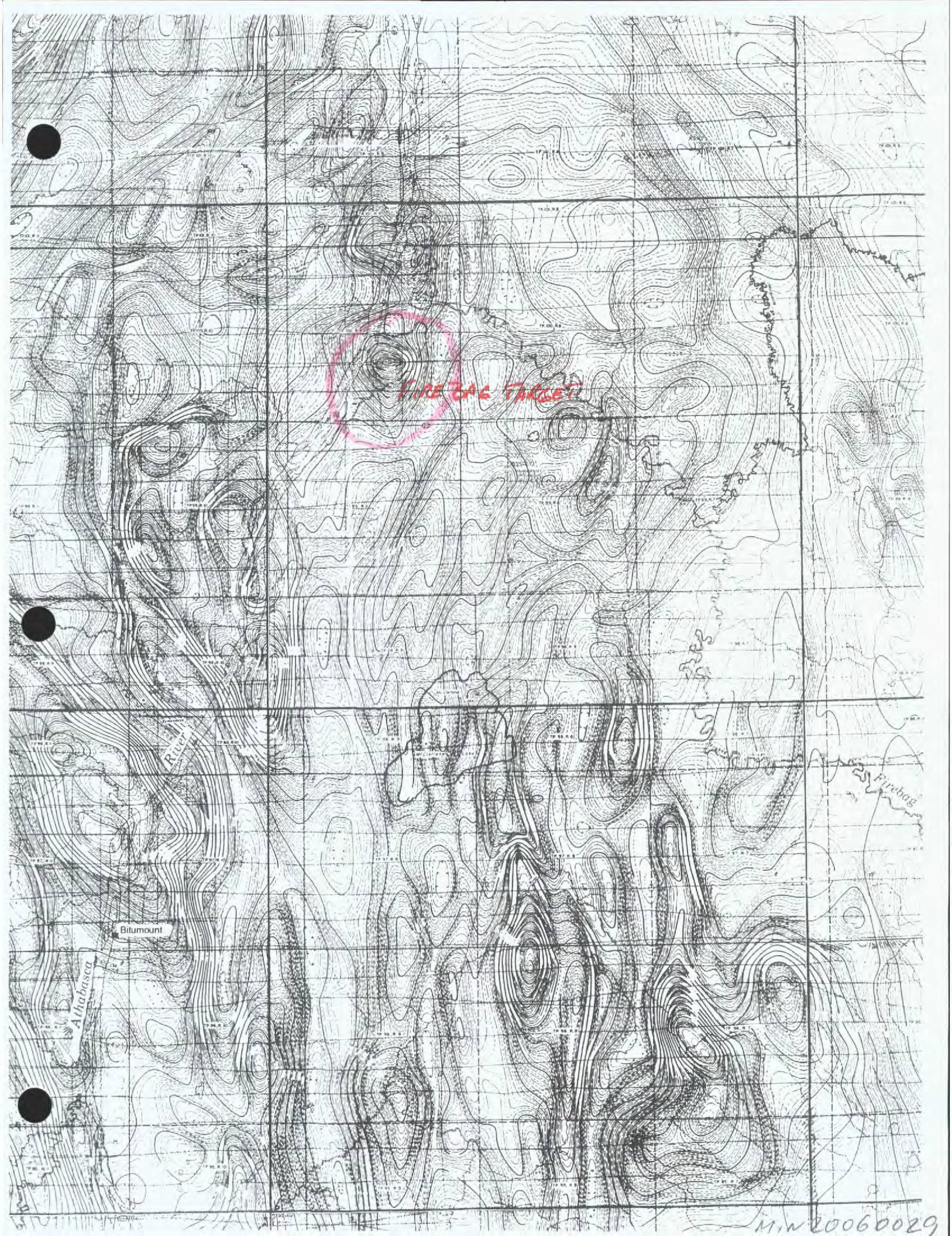
FIREBAG KIMBERLITE PROJECT

57 DEGREES, 40 MINUTES 56 SECONDS NORTH  
111 DEGREES, 21 MINUTES 23 SECONDS WEST



Line Spacing - 200 m

Line Length - 1000 m



FIRE BAG TARGET

Bitumount

Alhabasca

Firebag

M.N. 20060029

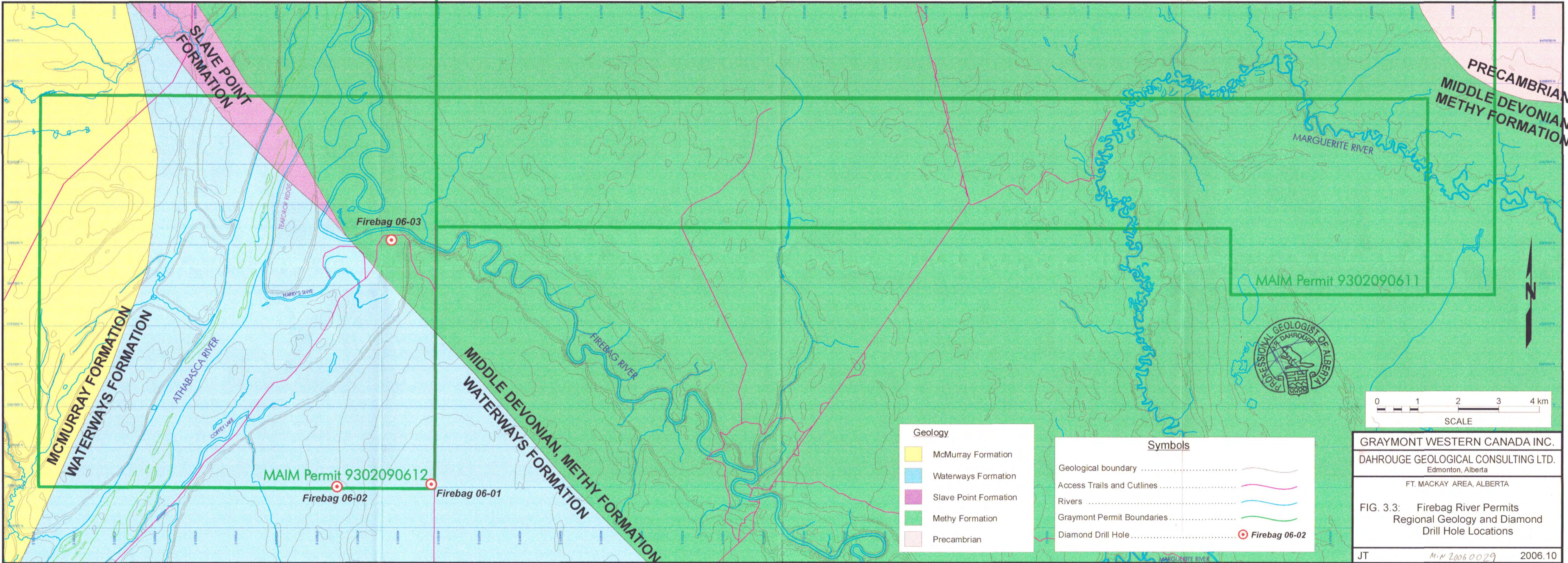


## **Statement of Qualifications**

I, Ray Jalbert of 5609-54 Ave. St. Paul in the Province of Alberta hereby certify as follows:

1. That I graduated from the Northern Alberta Institute of Technology in 1978 with a diploma in the Earth Resources Program ( Minerals Option )
2. That I am a member of the Alberta Society of Engineering Technologist, now retired (C. E.T.)
- 3 That I have done Mineral Exploration since 1979 in Alberta, Saskatchewan, British Colombia, Northwest Territories and the northern part of the United States.
4. That I have experience in the Petroleum Exploration Industry.
5. That I have worked for the Geophysical Consulting Company, Cosmic Ventures doing various geophysical surveys.
6. That I have done Diamond Prospecting in Alberta and Saskatchewan for the last eight years and have specialized in Soil Gas Forensic Surveys for the last two years.

Dated this 1 day of September, 2006 at St. Paul in the Province of Alberta, Canada

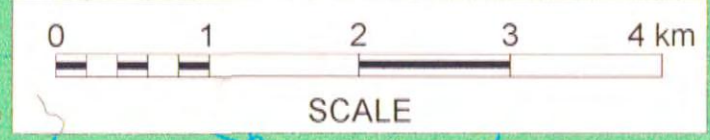
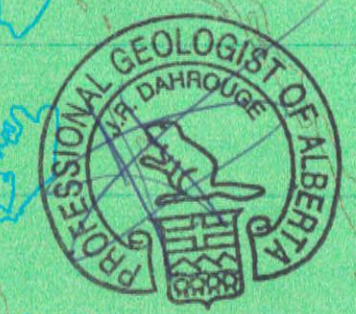


**Geology**

	McMurray Formation
	Waterways Formation
	Slave Point Formation
	Methy Formation
	Precambrian

**Symbols**

	Geological boundary
	Access Trails and Cutlines
	Rivers
	Graymont Permit Boundaries
	Diamond Drill Hole



GRAYMONT WESTERN CANADA INC.  
 DAHROUGE GEOLOGICAL CONSULTING LTD.  
 Edmonton, Alberta

FT. MACKAY AREA, ALBERTA

FIG. 3.3: Firebag River Permits  
 Regional Geology and Diamond  
 Drill Hole Locations

JT M.N 2006 0029 2006.10