DE BEERS
CANADA

Assessment Report

Victor Resource Extension Program

For Claim Blocks

CLM 436, 437, 438, 441

held by

De Beers Canada Inc.

2007 Diamond Drilling Program

FOR THE PERIOD: January 19th to May 22nd, 2007

A Report Prepared for
De Beers Canada Inc.

Prepared by:

B. Rameseder, P.Geo.
M.A. Hildebrandt
M. Gutierrez-Furigay
Toronto, ON.
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SUMMARY

During 2007, De Beers Canada Inc completed the Victor Resource Extension Drilling Program in order to provide detailed knowledge of five kimberlite bodies (50 holes, 9016m). The drilling program in the winter/spring 2007 consisted of fifty holes focusing on delineating several kimberlites within the Victor property. This included kimberlite bodies Bravo-1, Whiskey (North of the Nayshkootayaow River), X-Ray, Zulu and Yankee (South of the Nayshkootayaow River). Drilling was conducted first from a central point including a vertical drill hole and four angled holes. In order to add additional geological information, vertical holes were added in locations of further interest.

De Beers' staff monitored parameters required by environmental permits such as water taking.

SRK Consulting Ltd. provided training in geotechnical logging of core on site and completed QA/QC on geotechnical data.

The results of the field logs of the drill core indicate a wide spectrum of textures, grain sizes and mantle derived components. The results of the drilling program including the new information on kimberlite thicknesses and extend emphasize the need to review the modelling of the kimberlite bodies.

KEYWORDS

Assessment, Claims, Victor, Attawapiskat, Ontario, kimberlite, exploration, core hole drilling, diamond drilling, geology, density, rock strength, geotechnical studies, Bravo-1, Whiskey, X-Ray, Zulu, Yankee, Outside kimberlites.

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1.0 INTRODUCTION

This report provides a summary of drilling and drilling related activities undertaken by De Beers Canada Inc on the Victor Resource Extension Program for the period of January 19th to May 22nd 2007. Core hole (HQ size) drilling (50 holes, 9016 m) was completed. Five kimberlite bodies were investigated during this reporting period. This report provides details on the core drilling program. The purpose of the work was to provide additional information on the geology of the bodies for modelling purposes.

1.1 Location and Access

The Attawapiskat Kimberlite Province is located in Northern Ontario approximately 90 km west of the community of Attawapiskat, and 100 km west of the James Bay coast (Figure 1). De Beers Canada is holding several lease and claim blocks in the area The kimberlite bodies investigated in 2007 (Bravo-1, Whiskey, X-Ray, Yankee and Zulu) are located in a radius of approximately 12 km around the Victor kimberlite. They are located in the Attawapiskat River basin which comprises part of the James Bay Lowlands.

The James Bay Lowlands are a vast expanse of flat, muskeg terrain, developed on marine clays of the former Tyrell Sea. The majority of the land is occupied by a mosaic of fens and bogs (or muskeg), characterized by perennially wet conditions and by scattered, stunted tree cover of black spruce and tamarack. Well-developed forest communities are confined to narrow ribbons of land, which border the region's rivers and major creeks (Winzar 2001).

Access to the DBCI Victor Project Camp was via Attawapiskat, Thunder Bay and Timmins, Ontario on chartered commercial aviation through Air Creebec and Wasaya Air. During the winter months (late January to mid March) a winter road is constructed which gives access for heavy haul trucks to site. Equipment is being transported to Moosonee by railway from where it is shipped by trucks via Attawapiskat to site. Transportation is also possible by barge to Attawapiskat and onwards to site by truck on the winter road.

Field base for the geological/geotechnical 2007 program was established at the pre-existing DBCI Victor Exploration Camp approximately five km southeast of the DBCI Victor Project Camp until March 20th. After March 20th, the exploration crew moved into the Victor project main camp and all the field activities were carried out from this camp until the demobilization of the crews.

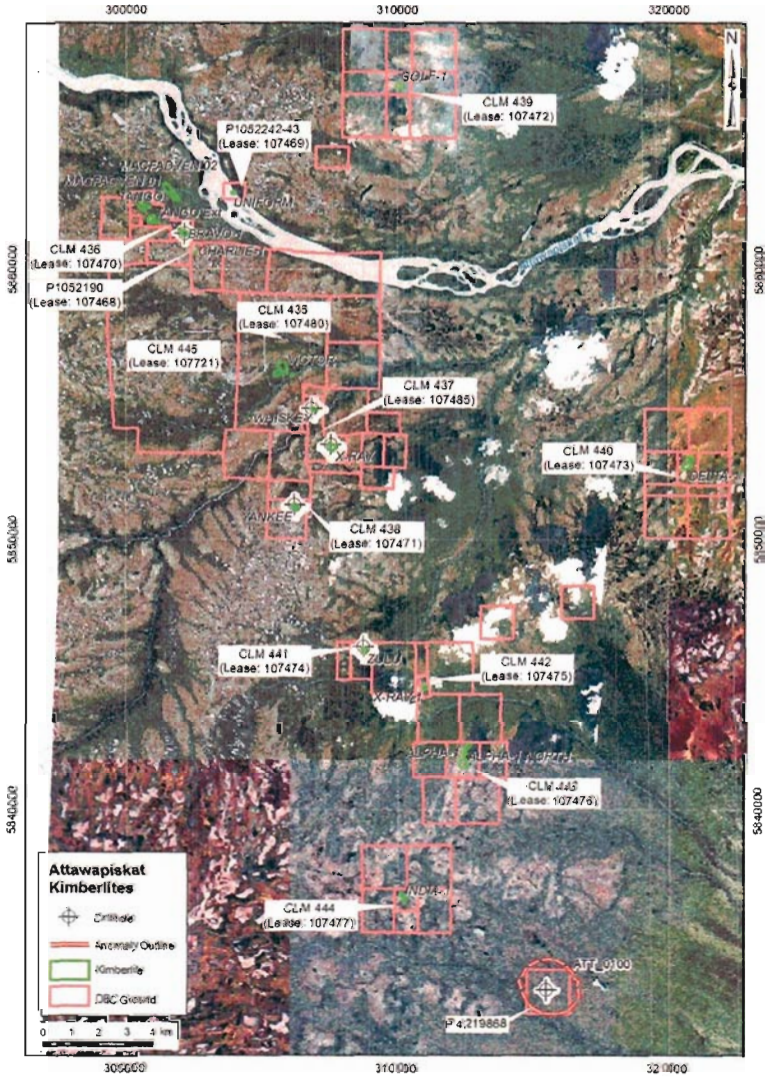
Drilling equipment was brought to site in January/ February 2007 during a flight campaign with a Buffalo and Hawker aircraft. Due to technical problems with the airplanes and priority sequence in loads, the start of the core-drilling program was delayed for nearly five weeks.

Helicopter support was provided by Helicopter Transport Services (HTS). An A-Star 350BA was used to shuttle people and supplies between the project site and the remote drill sites (Zulu, Yankee and X-Ray in early spring). The helicopter was stationed in camp permanently for the duration of the project.

The drill rig was prepared in North Bay, Ontario and transported by road to Cochrane. It was then railed to Moosonee. From Moosonee it was transported on a Buffalo aircraft to the Victor site from where it was brought by helicopter to the drill sites.

Access to the drill sites was by temporary winter trails in the case of Bravo-1 and Whiskey that were cleared with equipment from site. In both cases pre-existing trails were used. The trails allowed the transportation of support equipment and travel from camp to site on a daily basis by snowmobile or pick-up truck. In the case of X-Ray, a snowmobile trail had been established in order to access the site for crew changes.

Figure 1 Attawapiskat Kimberlite Cluster Claim Groups and Kimberlite Body Outlines Location of Attawapiskat Kimberlite Province



During the drilling program core was shipped on pallets to Timmins on back-haul cargo flights. In Timmins, the core was staged and loaded onto transportation trucks for transportation to Sudbury, ON, where the core was stored.

1.2 Purpose and Scope of Work Program

The 2007 drilling program focused on the detailed delineation of five kimberlite bodies of higher interest within the Victor satellite kimberlites in order to identify and evaluate resources to extend Victor's mineral reserve. On each kimberlite body, a vertical hole was placed in the centre of the pipe followed by angled holes (dip -45 to -65) from the same set-up into four directions. Grid pattern drilling followed if the kimberlite was considered of interest. Due to time constraints and

reviewed interest ratings, the distribution of hole numbers per body changed during the program. Fifty holes (9016 m) were completed during the winter of 2007.

The purpose of the core hole drilling was to identify the main geological units present and prioritise those units with respect to diamond bearing potential.

Environmental monitoring was conducted during the drilling program in order to comply with regulations and permit obligations.

1.3 Topography, Vegetation Cover and Wildlife Habitat

The Attawapiskat Kimberlite Province is located approximately 90 km west of the community of Attawapiskat, and 100 km west of the James Bay coast, in Ontario, Canada (Figure 1). The claims are situated within the boundaries of NTS Sheet 043B/13 (Figure 2).

The work area which is situated within the Attawapiskat Watershed exhibits a gently sloping topography which is drained to the north into James Bay by the Attawapiskat River through several creeks and muskegs. The terrain is poorly drained due to the low permeability of the marine silts and clays that allowed the creation of aquifers at depth in the limestone sediments. Most of the small creeks barely cut the terrain and are therefore isolated from the deep aquifer. (AMEC 2004 a, b)

Kimberlite targets have mainly muskeg and wetlands as land cover with stunted trees (black spruce and tamarack) in perennially wet conditions. Any denser tree growth tends to occur along the edges of rivers, creeks and large ponds (Winzar 2001). Rivers such as the Attawapiskat and the Nayshkootayaow are navigable by canoe or boat depending on the water level. This harsh habitat provides a source of food and water for animals and the limited forested areas provide thermal cover for species during the winter months.

1.4 Climate

The James Bay lowland area is characterized by a sub-arctic to humid continental climate with long, cold winters and short, warm summers marked by low annual precipitation. Average mean annual temperatures range from a high of 2.58°C to a low of -9.67°C (Table 1, Graph 1). Wind velocity and direction data for the region indicate that winds blow most frequently from the northwest during the winter and spring seasons. Throughout the remainder of the year, winds blow most often from the southwest.

Based on 6 years of climatic data gathered by the DBCI Victor Project, the average annual precipitation in the area suggests an overall dry climate with periods of heavier rain and snow.

The 2007 drill program was completed during a period of regular temperature precipitation for the winter and spring months.

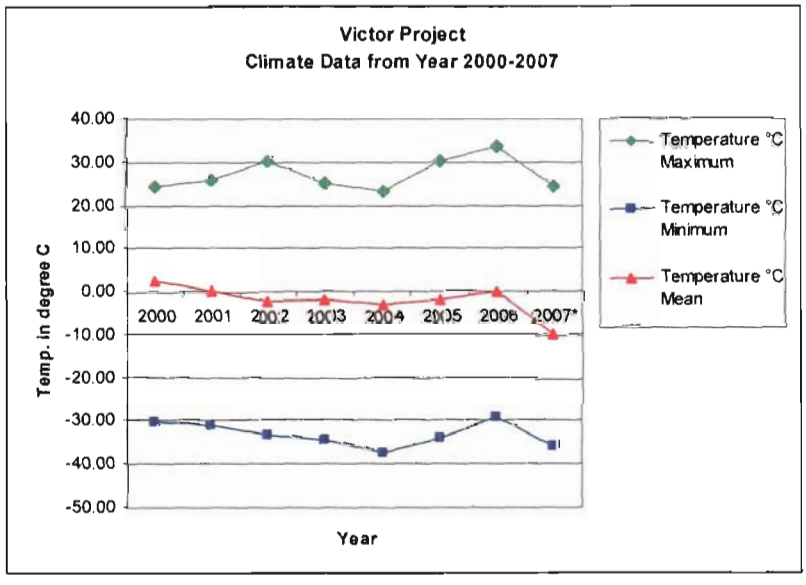
Table 1 Annual Temperature and Precipitation for Victor Project Area

Year	Temperature °C			Precipitation mm		
	Maximum	Minimum	Mean	Maximum	Minimum	Average
2000	24.28	-30.38	2.58	28.19	0.00	1.46
2001	25.73	-31.13	0.43	63.75	0.00	1.87
2002	30.15	-33.02	-2.34	41.15	0.00	1.75
2003	25.07	-34.31	-1.80	40.39	0.00	1.24
2004	23.25	-37.29	-2.82	53.09	0.00	1.93
2005	30.41	-34.10	-1.75	38.61	0.00	1.70
2006	33.67	-29.17	0.22	-	-	-
2007*	24.35	-35.84	-9.67	-	-	-

**Temperature readings/data taken into account were only from January to May*

No Precipitation Data for 2006-2007

Graph 1 Annual Temperature and Precipitation for Victor Project Area



1.5 Planning, Permits, and Environmental Management

In order to proceed with the 2007 winter drilling program, permits were required from four ministries of the Ontario Government: the Ministry of the Environment (MOE), Ministry of Natural Resources (MNR), Ministry of Labour (MOL), and the MOL – Mining Occupational Health and Safety Branch (MOHS).

In December 2006, De Beers Canada submitted a detailed exploration/evaluation program plan to Ontario's MOE which included all anticipated impacts caused by the proposed drilling activities in the James Bay lowlands with respect to drill pad preparation, timber salvage, water source usage and site rehabilitation. Previous activities by a number of proponents within the region have generated a number of concerns with MOE regarding the cumulative impacts associated with additional exploration in the area.

Authority for the project to withdraw surface water for drilling was obtained through a Permit to Take Water (PTTW) issued by the MOE to the De Beers Canada, Inc. on February 14, 2006 to May 31, 2007 for the Kenora District.

Work permit MO-06-025 for the construction of a temporary winter road to access Bravo-1 from January 1 to April 30, 2007 was obtained from the MNR. This permit is mandatory for trails which will be used by vehicles on wheels and its purpose is to regulate the damage to the environment and to ensure that local residents are informed of activities in the Moosonee Area, Cochrane District.

The (MOHS) administers the rules covering the investigation of the satellite kimberlite bodies surrounding Victor kimberlite body by the method of diamond drilling. This permit covers the period February 5 to April 30, 2007. The end date was later amended to May 31, 2007.

A work permit was necessary for excess weekly hours for personnel from the MOL. The MOL administers the rules covering this permit under Section 17.1 of the *Employment Standards Act, 2000.*

1.6 Dispositions and Ownership

The Victor Resource Extension Program consisted of ten leases in a combined area of 977 hectares (Figure 2).

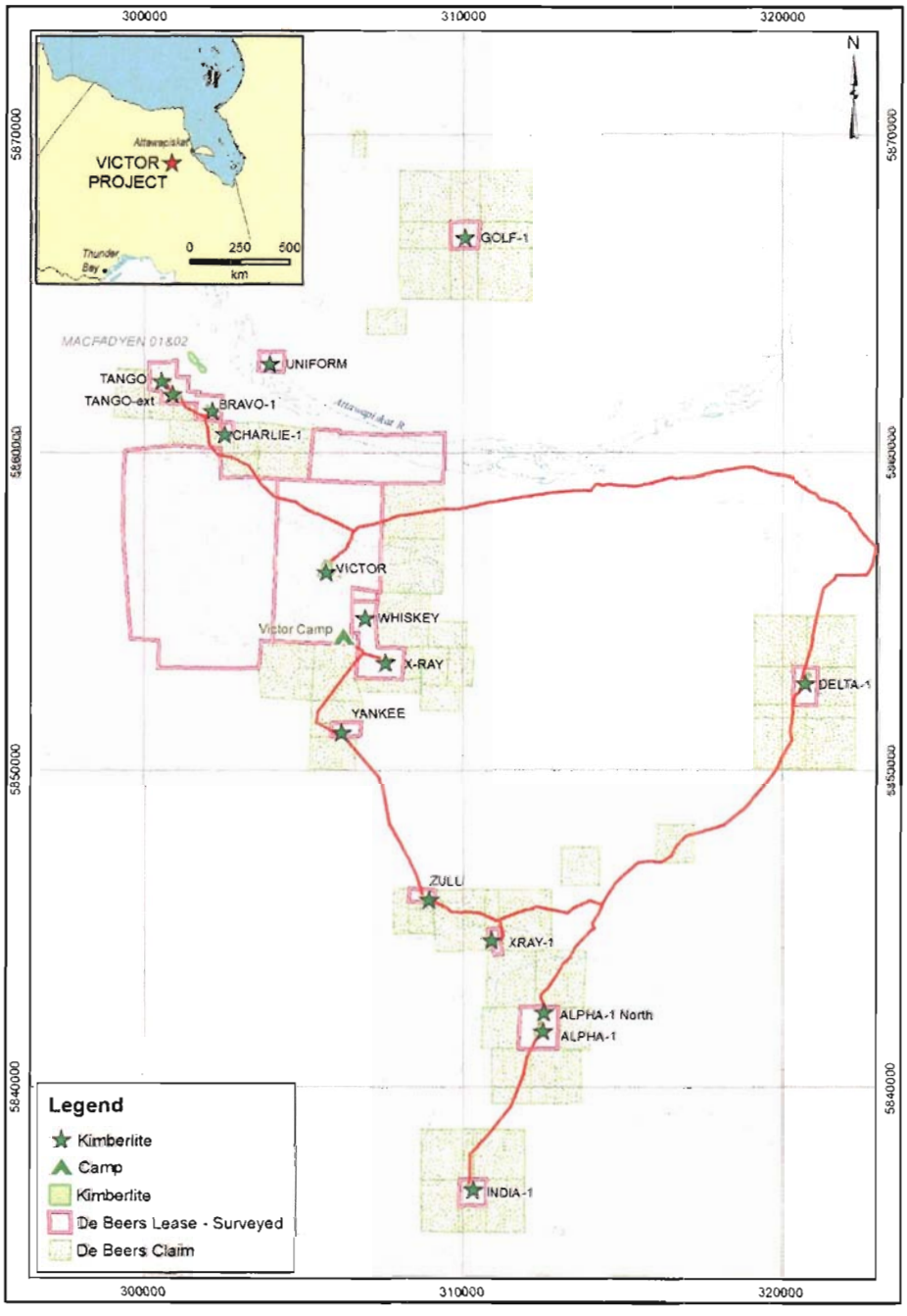
Table 2 Property Status as of January 1, 2007

Project: Attawapiskat-1047				
Description	**Lease Number**	**Kimberlite Body**	**Area (Ha)**	**Lease Expiry**
P1052190	107468	Charlie	16.342	30-Nov-24
P1052242-243	107469	Uniform	49.113	30-Nov-24
CLM436	107470	Bravo and Tango	201.066	30-Nov-24
CLM 438	107471	Yankee	40.636	30-Nov-24
CLM 439	107472	Golf	74.223	30-Nov-24
CLM 440	107473	Delta	88.912	30-Nov-24
CLM 441	107474	Zulu	31.808	30-Nov-24
CLM 443	107476	Alpha	162.322	30-Nov-24
CLM 444	107477	India	71.216	30-Nov-24
CLM 437	107485	Whiskey and X-Ray	241.304	30-Nov-24
Total			976.942	

A summary of the 10 leases that comprise the project area is presented in Table 2. In 2007, only four leases were worked on. All fieldwork and reporting work completed in 2007 will be distributed to contiguous claims to fulfil the required assessment expenditure. A list of individual mineral dispositions is provided in Appendix B.

All of the leases are valid until the year 2024.

Figure 2 Attawapiskat claims and kimberlite targets for 2007

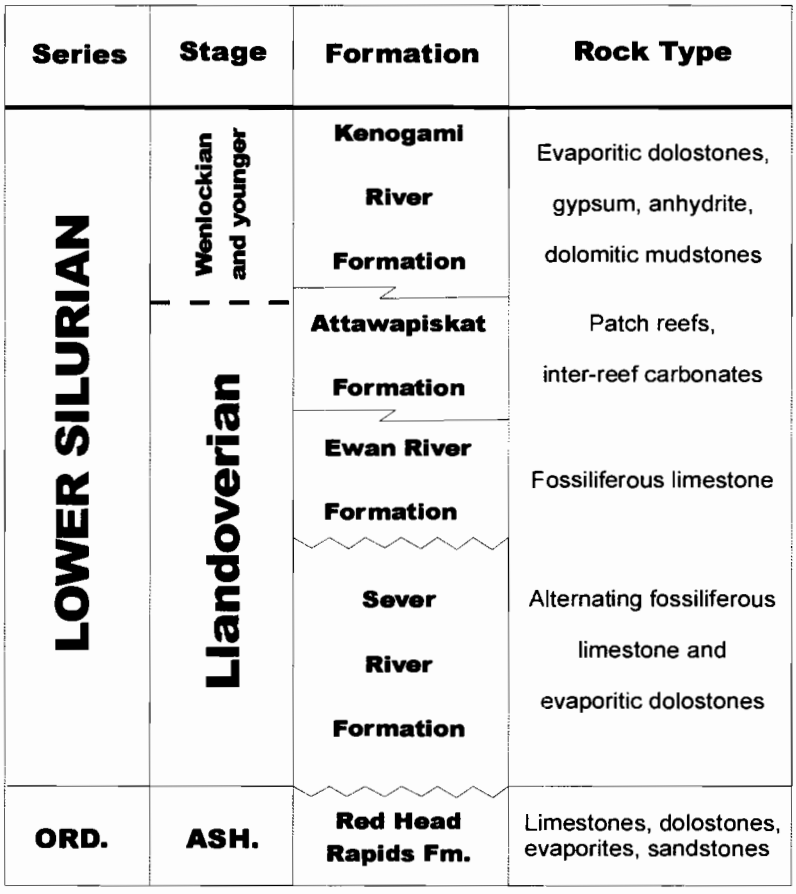


2.0 REGIONAL GEOLOGY/ TECTONIC SETTING

The Attawapiskat Kimberlite Province lies within the Western Superior Structural Province of the Canadian Shield. The Achaean units of the Western Superior are overlain by Lower Palaeozoic carbonate formations, which are part of the Hudson Bay Basin. The kimberlite bodies are located on the southeast flank of the Cape Henrietta Maria arch that divides the Hudson Bay platform rocks into two basins, the Hudson Bay basin to the northwest and the Moose River basin to the

southeast. This arch is the north-eastern extension of the Transcontinental arch (Winzar 2001; Kong 1998). In Figure 4, the sedimentary sequence of the area of interest shows that the surface is underlain by four sedimentary sequences of Lower Silurian Formations unconformably overlying an Upper Ordovician sequence, which rests on basement rocks. The basement rocks are found at a depth of 273 m near the Victor Kimberlite (Winzar 2001).

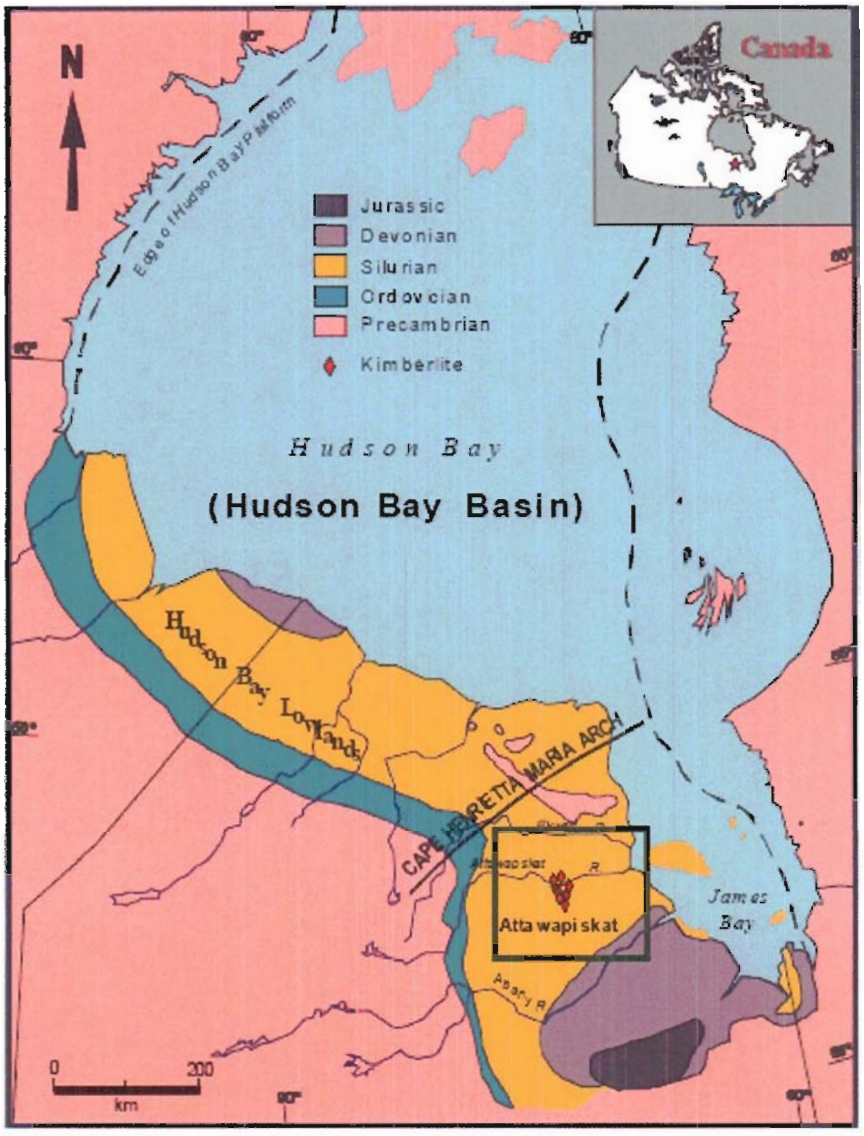
Figure 3 Palaeozoic stratigraphy of the sedimentary sequence in the area of the Victor kimberlite (after Suchy and Steam, 1993)



The Attawapiskat area is part of the Hudson Platform (Figure 5) which consists of flat-lying Palaeozoic sedimentary rocks unconformably overlying the Precambrian plutonic and metamorphic rocks of the Superior Province. The Superior Province, the largest Archaean craton in the world, is characterized by east-west linear fault bounded terranes that were accreted together in the Late Archaean (Winzar 2001).

A set of minor faults striking northwest-southeast and northeast-southwest transects the Attawapiskat area. The major structure in the area is the Winisk River Fault system which is clearly visible on the Canadian Geological Survey map of regional airborne magnetic data. Two sets of dykes are also visible on the magnetic data, dykes that strike northwest to southeast (possibly belonging to the Mackenzie dyke swarm) and the Matchewan/Hearst dykes that trend north-south (Mawhinney 2006; Winzar 2001; Kong 1998).

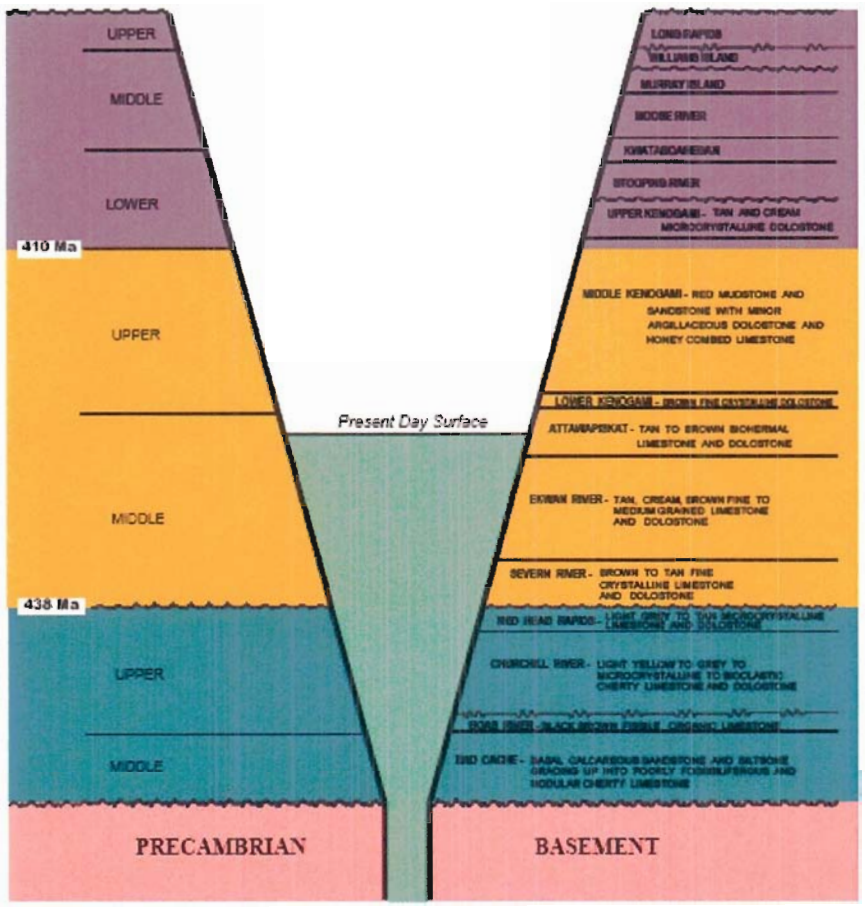
Figure 4 Regional Geological Setting (Mc Crae 2003)



2.1 Phanerozoic Geology

The basins were depositional centers for Palaeozoic sediments of the Hudson Platform (Hetman 1998). The Palaeozoic rocks thin out towards the arch but can attain thicknesses of up to 800m in the Moose River Basin and up to 1 800m in the Hudson Bay Basin (Norris and Sanford in Hetman 1998). These rocks range in age from Ordovician at their western limit to Jurassic in the centre of the basins; the basins consist predominantly of limestones and dolomites with some shales, siltstones and sandstones (Figure 6). Based on regional data, the sediments in the Attawapiskat area are approximately 250 m thick (Winzar 2001). The uppermost limestone sediments are Silurian reef and bioherm deposits of the Attawapiskat Formation that have been faulted in the immediate area of the Attawapiskat kimberlite cluster and are exposed in 30m high cliffs in the banks of the Attawapiskat River (Winzar 2001, Suchy & Stearn, 1993).

Figure 5 General Stratigraphy of the sediments surrounding the Attawapiskat Kimberlites (McCrae, 2003)



2.2 Quaternary / Holocene Geology

The Palaeozoic bedrock is covered by frost heaved brecciated carbonate bedrock, followed by thin Pleistocene till sheets that are overlain by thin marine and coastal Holocene deposits. The till sheets were deposited by glaciers flowing north to south, and they exhibit a northeast to southwest flow in the eastern part of the area. Two units have been recognized: an upper brown to reddish brown till and a lower grey till. The Holocene deposits consist of marine and coastal beach deposits formed during the regression of the early post glacial Tyrrell Sea (Martini, 1988 quoted in Hetman 1998). Till and coastal Holocene deposits overlying the Attawapiskat kimberlites vary in thickness from 0 to 30 m (Winzar 2001).

2.3 Attawapiskat Kimberlites

The majority of the Attawapiskat kimberlites form a north-northwest elongated cluster approaching 36 km in length (Figure 1). The main grouping of large bodies within the cluster occurs in the northern part of the main kimberlite trend within the James Bay Lowlands. Smaller outlying kimberlite clusters also occur to the west. The geophysically modeled footprint of 16 kimberlites comprises the Attawapiskat kimberlite cluster. Diamond recoveries from the Attawapiskat kimberlites indicate approximately 93.8% of the bodies in the cluster are diamond-bearing.

3.0 INVESTIGATIONS

Investigations undertaken during the reporting period are summarized in Table 3.

Table 3 VicREP 2007 Investigations

Geotechnical Consultant:	
SRK Consulting (Canada) Inc., Vancouver, BC:	5 man days
Core Drilling:	
Foraco, North Bay, ON:	50 core holes, 9016 m
Helicopter Support:	
Helicopter Transport Services, ON:	362.8 flight hours, A-Star-BA

3.1 Geotechnical Assessment

SRK Consulting (Canada) Inc. of Vancouver, British Columbia was contracted to train VicREP contract geologists in geotechnical logging procedures and to QA/QC the logging procedures and data. The compilation of relevant geotechnical information will allow a framework for a focused series of geotechnical and hydrogeological investigations in the area of the Victor satellite kimberlites for future developments.

4.0 2007 VICTOR RESOURCE EXTENSION DIAMOND DRILLING PROGRAM

Foraco Inc. of North Bay, Ontario was contracted to undertake 63.5 mm core hole drilling in the project area during the period from January to June 2007. Two hydraulic diamond core rigs (LF70-1, LF70-2), were used to complete 50 (9016 m) 63.5 mm core holes on 5 targets in the Attawapiskat Kimberlite Cluster. The purpose of the work was to add information to the existing base of geological information for each of the bodies

The Kimberlite Petrology Unit (KPU) determined the location of all but two drill holes. The first 5 drill holes on each body were estimated to be centrally located. The first hole was a vertical exploration hole. The remaining four drill holes were planned on the same collar position at angles varying between -45° and -65°. Specific angles are found in Section 6.0 of this report. The angles of these holes were chosen in order to delineate the size and shape of the kimberlite body. Any further holes on each of the bodies were chosen based upon kimberlite-country rock contacts in the preliminary central holes.

Appendix A provides a summary of the drilling, indicating the start/end date, location, and total depth of each of the core holes completed. The location of the drill holes with respect to the outline of mineral dispositions is shown in Appendix C.

Core holes during 2007 were completed using HQ diamond drilling bits with a diameter of 63.5 mm. After completion of a drill hole, any remaining casing was pulled and the hole grouted approximately 3 m below casing. Mid-project it was started to set a second plug with cement at the kimberlite / country rock contact.

The collar location of each drill hole was surveyed using a GPS in RTK-mode by SRQ Ltd. of New Liskeard, Ontario. The accuracy of the survey is ±0.05 m. The azimuth and inclination of all core holes was obtained by means of a Reflex EZ Shot instrument at the bottom of the casing, in 50 m depth intervals and at the bottom of the hole.

4.1.1 Core Logging and Petrology

Field logs and summaries of the physical / geotechnical parameters were completed for each of the core holes including magnetic and density measurements. Field logging activities completed on site involved the identification of lithologies in drill holes (grain size, sorting, bed thickness, cognate olivine size, and indicator mineral content) as well as estimates of the frequency and type of xenoliths (mudstone, limestone, basement lithologies) contained within the kimberlite. In addition to measuring a number of geotechnical parameters on the drill core (core recoveries, rock quality designation, magnetic susceptibility, density and rock strength).

Upon completion of the geotechnical and preliminary field logging, the core was transported to a warehouse facility in Sudbury for further investigation and storage.

5.0 RESULTS

5.1 Core hole Drilling

The drilling was completed by two drill rigs (LF-70) provided by Foraco Canada Ltd. between January and May 2007. Both rigs arrived at Victor Diamond Mine Project by aircraft and were operational by January 31, 2007. Geological logs, time motion, and hole statistics are listed for each hole in Appendix A. The total meters drilled were 9016 m and of that, 7234.89 m of kimberlite was recovered (Table 4). Average production rates per rig are provided below (Table 5).

Table 4 Summary of 2007 Drill Program

Kimberlite Body	Number of Core holes Permitted by Environment	Number of Core holes Originally Planned	Required Number of Core holes after 1st Review	Required Number of Core holes after May-Review	Number of Core holes Completed	Metreage Drilled	Kimberlite Metreage
Bravo-1	12	9	6	6	6	902.00	686.47
Whiskey	12	11	9	11	11	1835.00	1488.55
X-Ray	12	11	10	10	10	2034.00	1650.96
Zulu	12	9	11	11	11	2011.00	1690.65
Yankee	12	9	11	12	12	2234.00	1718.26
Total:	**60**	**49**	**47**	**50**	**50**	**9016.00**	**7234.89**

Table 5 Average Drill Production – VicREP Drill Program

Drill Rig	Average (m/day)
LF70-1	44
LF70-2	38

5.1.1 Bravo-1 Kimberlite

The Bravo-1 Kimberlite is located at the northwest end of the main, northwest-southeast oriented trend of kimberlite bodies within the Attawapiskat kimberlite cluster.

As summarized in Table 6 and shown in Appendix E, six core holes (902.00 m) were completed in the target area between Marcn 14 and March 31, 2007.

Table 6 Summary Drill hole Information – Bravo-1

Drill hole	Start Date	End Date	Casing Depth	Azimuth*	Dip	Primary Kimberlite Intersection			Other Intersec.	Total Kimberlite	EOH
						Top	End	Total			
B1-07-008C	3/14/2007	3/19/2007	9	158.8	89.0	7.72	149.76	142.04	38.52	180.56	200
B1-07-009C	3/26/2007	3/28/2007	9	43.4	62.5	9.72	114.2	104.48	0	104.48	138
B1-07-010C	3/19/2007	3/22/2007	12	137.0	60.9	11	78.8	67.8	0	67.8	132
B1-07-011C	3/22/2007	3/25/2007	12	213.9	60.4	9.7	74.95	65.25	0	65.25	108
B1-07-012C	3/25/2007	3/26/2007	9	317.4	60.6	8.56	75	66.44	0	66.44	114
B1-07-013C	3/28/2007	3/31/2007	9	76.6	89.4	8.06	210	201.94	0	201.94	210
Total								647.95	38.52	**686.47**	**902**

* Azimuth not corrected, for correction subtract 10.45°W

Both vertical holes intersected primary kimberlite intersections greater than 100 m in thickness, and all six holes intersected kimberlite. The average casing depth is 10m. The shallowest primary kimberlite contact is B1-07-011C with a true depth of 65.17 m; the deepest is B1-07-013C at 210 m.

Density data (Table 7) for the Bravo-1 kimberlite indicates a moderate range in average density values for the body (range 2.43 – 2.74 g/cm^3, average: 2.57 g/cm^3).

Table 7 Density Results – Bravo-1

Drill hole	# of Density Determinations	# of Kimberlite Density Determinations	Minimum Kimberlite Density Value (in-situ)- unit: g/cm^3	Maximum Kimberlite Density Value (in-situ) - unit: g/cm^3	Average Kimberlite Density (in-situ) - unit: g/cm^3	Average Country Rock - Limestone Density (in-situ) - unit: g/cm^3
B1-07-008C	19	13	2.39	2.67	2.58	2.53
B1-07-009C	13	13	2.33	2.75	2.53	-
B1-07-010C	12	7	2.5	2.72	2.63	2.57
B1-07-011C	10	7	2.17	2.59	2.43	2.44
B1-07-012C	8	7	2.17	2.69	2.51	2.68
B1-07-013C	19	18	2.30	2.82	2.74	2.62

Density measurements from the recovered limestone country rock (total of 14 country rock density determinations used) had average values between 2.53 g/cm^3 and 2.68 g/cm^3 (average: 2.57 g/cm^3).

5.1.2 Whiskey Kimberlite

The Whiskey kimberlite is located at the centre of the Attawapiskat kimberlite cluster on the north side of the Nayshkootayaow River.

As summarized in Table 8 and shown in Appendix F, 11 core holes (1835 m) completed on the Whiskey target during the reporting period. Drilling of these holes took place between January 31st and March 10th, 2007. Upon examination of drill core by the KPU in Sudbury, a second phase of drilling commenced on May 15th and finished on May 21st, 2007.

The drill hole summary (Table 8) indicates that a variety of primary kimberlite thickness was encountered during the drilling on Whiskey during this reporting period.

Only five of the seven vertical holes intersected primary kimberlite intersections greater than 100 m in thickness. The average casing depth is 8 m. On the Whiskey body, the shallowest primary kimberlite contact during this reporting period is W-07-009C with a true depth of 40.84 m; the deepest is W-07-008C at 250 m. All eleven of the core holes drilled on Whiskey during the reporting period intersected kimberlite.

Table 8 Summary Drill hole Information – Whiskey

Drill hole	Start Date	End Date	Casing Depth	Azimuth*	Dip	Primary Kimberlite Intersection			Other Intersec.	Total Kimberlite	EOH
						Top	End	Total			
W-07-008C	1/31/2007	2/8/2007	12	325.5	89.0	9.95	250	240.05	0	240.05	250
W-07-009C	2/21/2007	2/22/2007	12	48.7	66.3	12	56.6	44.6	6.3	50.9	102
W-07-010C	2/8/2007	2/12/2007	12	132.8	45.8	12.11	147.18	135.07	0	135.07	171
W-07-011C	2/12/2007	2/15/2007	7	207.1	65.6	7.08	123	115.92	0	115.92	147
W-07-012C	2/15/2007	2/21/2007	10	310.6	66.2	10.16	194	183.84	0	183.84	212
W-07-013C	3/10/2007	3/14/2007	7.5	265.2	89.1	7.5	78.41	70.91	0	70.91	114
W-07-014C	3/14/2007	3/18/2007	6	209.6	89.8	5.7	50.1	44.4	0	44.4	87
W-07-015C	2/22/2007	3/3/2007	6	120.6	89.8	5.64	170.26	164.62	1.55	166.17	201
W-07-016C	3/3/2007	3/10/2007	4.5	242.6	89.1	3.74	177.53	173.79	0	173.79	186
W-07-017C	5/15/2007	5/17/2007	4.5	340.3	89.9	4.5	203.8	199.3	0	199.3	229
W-07-018C	5/17/2007	5/21/2007	6	203.6	75.9	3	111.2	108.2	0	108.2	136
Total								**1480.7**	**7.85**	**1488.55**	**1835**

* Azimuth not corrected, for correction subtract 10.4°W

As summarized in Table 9, a total of 152 density determinations on kimberlite samples from Whiskey indicate a moderate range of average density values for the kimberlite from 2.41 to 2.59 g/cm^3 (average: 2.51 g/cm^3).

Table 9 Density Results – Whiskey

Drill hole	# of Density Determinations	# of Kimberlite Density Determinations	Minimum Kimberlite Density Value (in-situ) - unit: g/cm^3	Maximum Kimberlite Density Value (in-situ) - unit: g/cm^3	Average Kimberlite Density (in-situ) - unit: g/cm^3	Average Country Rock - Limestone Density (in-situ) - unit: g/cm^3
W-07-008C	25	25	2.38	2.75	2.56	-
W-07-009C	10	6	2.29	2.70	2.54	2.55
W-07-010C	16	11	2.44	2.69	2.57	2.52
W-07-011C	13	13	2.37	2.56	2.47	2.57
W-07-012C	20	19	2.45	2.75	2.59	2.50
W-07-013C	10	7	2.19	2.55	2.46	2.43
W-07-014C	8	4	2.37	2.46	2.41	2.45
W-07-015C	20	18	2.26	2.73	2.58	2.44
W-07-016C	19	18	2.37	2.71	2.50	2.62
W-07-017C	22	20	2.36	2.66	2.52	2.59
W-07-018C	14	11	2.35	2.47	2.42	2.49

The limestone country rock (a total of 25 country rock density determinations used) intercepted in the Whiskey holes has an average density between 2.43 and 2.62 g/cm^3 (average: 2.51 g/cm^3).

5.1.3 X-Ray Kimberlite

The X-Ray kimberlite body is located centrally in the southeast end of the Attawapiskat kimberlite cluster on the south side of the Nayshkootayaow River.

As summarized in Table 10 and shown in Appendix G, 10 core holes (2034 m) were completed on X-Ray during the reporting period. Drilling of these holes took place from January 31 to March 4, 2007. A second phase of drilling commenced on March 31 and finished on April 20, 2007.

The core hole summary (Table 10) tabulates a wide range in drill-determined primary kimberlite thickness in X-Ray.

Table 10 Summary Drill hole Information – X-Ray

Drill hole	Start Date	End Date	Casing Depth	Azimuth*	Dip	Primary Kimberlite Intersection			Other Intersec.	Total Kimberlite	EOH
						Top	End	Total			
X-07-014C	1/31/2007	2/17/2007	6	116.4	89.4	5.88	250	244.12	0	244.12	250
X-07-015C	3/10/2007	3/14/2007	7.5	75.8	46.9	7.5	189.9	182.4	0	182.4	222
X-07-016C	2/17/2007	2/25/2007	1.5	174.2	61.7	1.52	157.12	155.6	0	155.6	180
X-07-017C	2/25/2007	3/4/2007	1.5	232.7	67.2	1.54	210.42	208.88	0	208.88	235
X-07-018C	3/4/2007	3/10/2007	3.5	333.2	46.5	0.6	110.11	109.51	25.24	134.75	184
X-07-019C	4/8/2007	4/11/2007	6	206.6	89.8	53.7	201	147.3	0	147.3	216
X-07-020C	4/19/2007	4/22/2007	12	311.1	88.9	59.7	184.5	124.8	0	124.8	210
X-07-021C	3/31/2007	4/8/2007	7.5	345.8	89.8	7.45	136.37	128.92	19.89	148.81	168
X-07-022C	4/11/2007	4/15/2007	6	262.9	42.1	4.5	68.8	64.3	0	64.3	123
X-07-023C	4/15/2007	4/20/2007	6	28.3	89.5	6	246	240	0	240	246
Total								1605.83	45.13	**1650.96**	**2034**

* Azimuth not corrected, for correction subtract 10.4°W

All five of the vertical core holes in X-Ray resulted in primary kimberlite intersections greater than 100 m in thickness. All 10 core holes drilled on X-Ray during the reporting period intersected kimberlite.

The average casing depth for the 10 holes is 6 m. The shallowest primary kimberlite contact on X-Ray is X-07-022C with a true depth of 46.13 m; the deepest primary kimberlite contact is X-07-014C with a depth of 250 m. X-07-014C is assumed to be in closest proximity to the centre of the body.

As summarized in Table 11, 173 density determinations on kimberlite samples from X-Ray kimberlite target indicate a range in average density values between 2.53 and 2.77 g/cm^3 (average: 2.49 g/cm^3).

Table 11 Density Results – X-Ray

Drill hole	# of Density Determinations	# of Kimberlite Density Determinations	Minimum Kimberlite Density Value (in-situ) - unit: g/cm^3	Maximum Kimberlite Density Value (in-situ) - unit: g/cm^3	Average Kimberlite Density (in-situ) - unit: g/cm^3	Average Country Rock - Limestone Density (in-situ) - unit: g/cm^3
X-07-014C	25	25	2.32	2.53	2.42	-
X-07-015C	21	18	2.19	2.67	2.48	2.37
X-07-016C	18	15	2.32	2.71	2.52	2.53
X-07-017C	25	22	2.33	2.70	2.50	2.50
X-07-018C	17	12	2.24	2.65	2.43	2.44
X-07-019C	18	15	2.33	2.76	2.52	2.46
X-07-020C	20	13	2.46	2.77	2.62	2.38
X-07-021C	20	20	2.3	2.69	2.50	-
X-07-022C	11	11	2.18	2.68	2.43	-
X-07-023C	24	22	2.33	2.58	2.49	2.51

Density measures for the limestone country rock intercepted (a total of 26 country rock density determinations used) in the X-Ray drill holes have a range in average value between 2.37 and 2.50 g/cm^3 (average: 2.45 g/cm^3).

5.1.4 Yankee Kimberlite

The Yankee kimberlite is located at the centrally in the southeast end of the Attawapiskat kimberlite cluster.

As summarized in Table 12 and shown in Appendix H, twelve core holes (2234 m) were completed in the Yankee kimberlite body during the reporting period. Drilling of these holes took place from April 16th to May 18th, 2007.

The drill hole summary (Table 12) indicates that a variety of primary kimberlite thickness was encountered during the drilling on Yankee during this reporting period. Only four of the seven vertical core holes in Yankee had primary kimberlite intersections that were greater than 100 m in thickness. One of the vertical holes, Y-07-007H, was a planned water hole and was not expected to intersect kimberlite. The other two vertical holes that did not encounter kimberlite were Y-07-008C and Y-07-009C.

Table 12 Summary Drill hole Information – Yankee

Drill hole	Start Date	End Date	Casing Depth	Azimuth*	Dip	Primary Kimberlite Intersection			Other Intersec.	Total Kimberlite	EOH
						Top	End	Total			
Y-07-002C	4/18/2007	4/22/2007	3	228.0	89.8	3	252	249	0	249	252
Y-07-003C	4/22/2007	4/24/2007	4.5	62.7	63.7	4.5	169.47	164.97	0	164.97	193
Y-07-004C	4/26/2007	5/1/2007	3	155.7	67.9	2.77	404	401.23	0	401.23	404
Y-07-005C	4/24/2007	4/26/2007	3	241.3	64.8	2.73	67.65	64.92	46.55	111.47	174
Y-07-006C	5/1/2007	5/4/2007	3	329.4	65.6	2.34	120.2	117.86	0	117.86	146
Y-07-007H	4/16/2007	4/18/2007	15	0.0	90.0	NA	0	0	0	0	15
Y-07-008C	5/4/2007	5/6/2007	9	62.0	88.9	NA	0	0	0	0	93
Y-07-009C	5/6/2007	5/8/2007	6	305.3	88.0	NA	0	0	0	0	69
Y-07-010C	5/8/2007	5/18/2007	3	294.7	89.3	2.65	258	255.35	0	255.35	258
Y-07-011C	5/9/2007	5/11/2007	15	343.6	89.3	71.42	237.5	166.08	0	166.08	240
Y-07-012C	5/5/2007	5/9/2007	12	150.1	55.8	90	111.7	21.7	0	21.7	138
Y-07-013C	5/11/2007	5/15/2007	16.5	349.7	89.2	21.4	252	230.6	0	230.6	252
Total								1671.71	46.55	**1718.26**	**2234**

* Azimuth not corrected, for correction subtract 10.4°W

The average casing depth for the 12 holes is 8 m. The shallowest primary kimberlite contact in Yankee during this reporting period is with a true depth of 61.21 m; the deepest is Y-07-004C with a true depth of 374 m.

Table 13 details the density data for Yankee, showing a range of average density values between 2.49 g/cm^3 and 2.70 g/cm^3 (average: 2.59 g/cm^3). There were 168 density determinations on kimberlite samples completed.

Table 13 Density Results – Yankee

Drill hole	# of Density Determinations	# of Kimberlite Density Determinations	Minimum Kimberlite Density Value (in-situ) - unit: g/cm^3	Maximum Kimberlite Density Value (in-situ) - unit: g/cm^3	Average Kimberlite Density (in-situ) - unit: g/cm^3	Average Country Rock - Limestone Density (in-situ) - unit: g/cm^3
Y-07-002C	25	25	2.43	2.82	2.66	-
Y-07-003C	19	17	2.41	2.66	2.53	2.31
Y-07-004C	41	41	2.42	2.87	2.63	-
Y-07-005C	18	11	2.35	2.66	2.52	2.55
Y-07-006C	11	11	2.37	2.60	2.51	-
Y-07-007H	1	-	-	-	-	2.46
Y-07-008C	8	-	-	-	-	2.43
Y-07-009C	6	-	-	-	-	2.42
Y-07-010C	24	24	2.37	2.63	2.49	2.56
Y-07-011C	20	15	2.36	2.85	2.68	2.48
Y-07-012C	13	2	2.68	2.71	2.70	2.53
Y-07-013C	22	22	2.34	2.74	2.58	-

Density measures for limestone country rock (total of 40 country rock density determinations used) on Yankee drill holes determined a wide range in average values between 2.31 and 2.56 g/cm^3 (average: 2.49 g/cm^3).

5.1.5 Zulu Kimberlite

The Zulu kimberlite target is located at the southeast end of the Attawapiskat kimberlite cluster.

As summarized in Table 14 and shown in Appendix I, eleven core holes (2011 m) were completed in the Zulu target area during the reporting period. Drilling of these holes took place from March 18th to May 5th, 2007.

The drill hole summary (Table 14) indicates that a variety of primary kimberlite thickness was encountered during the drilling on Zulu during this reporting period. In Zulu, five of seven vertical drill holes had primary kimberlite intersections were greater than 100 m in thickness.

Table 14 Summary Drill hole Information – Zulu

Drill hole	Start Date	End Date	Casing Depth	Azimuth*	Dip	Primary Kimberlite Intersection			Other Intersec.	Total Kimberlite	EOH
						Top	End	Total			
Z-07-009C	3/22/2007	3/26/2007	6	349	89.5	5.6	270	264.4	0	264.4	270
Z-07-010C	4/10/2007	4/16/2007	6	21.9	61.7	6	276.4	270.4	0	270.4	305
Z-07-011C	4/8/2007	4/10/2007	6	111	59.8	6	90	84	0	84	120
Z-07-012C	3/26/2007	4/1/2007	9	201.3	61.7	9	99.75	90.75	0	90.75	146
Z-07-013C	4/1/2007	4/8/2007	6	292.2	60.2	6	133.38	127.38	0	127.38	159
Z-07-014H	3/18/2007	3/22/2007	15	0	90	NA	0	0	0	0	18
Z-07-015C	4/22/2007	4/25/2007	6	157	88.7	6	159.6	153.6	0	153.6	180
Z-07-016C	4/25/2007	4/27/2007	9	254.6	89.2	8.27	164.17	155.9	0	155.9	186
Z-07-017C	4/26/2007	4/29/2007	4.5	220.1	88.7	4.05	64.7	60.65	0	60.65	126
Z-07-018C	4/29/2007	5/2/2007	7.5	175.6	89.1	7.22	252	244.78	0	244.78	252
Z-07-019C	5/2/2007	5/5/2007	10.5	228.1	89.4	10.21	249	238.79	0	238.79	249
Total								1690.65	0	**1690.65**	**2011**

* Azimuth not corrected, for correction subtract 10.4°W

Only 10 of the 11 drill holes drilled on Zulu during the reporting period intersected kimberlite. Z-07-014H was a planned water supply hole and was not expected to intersect kimberlite.

The average casing depth for the 11 holes is 8 m. The shallowest primary kimberlite contact during this reporting period is on Z-07-017C with a true depth of 64.70 m; the deepest is on Z-07-009C with a true depth of 270 m.

Table 15 details the density data for Zulu illustrating a limited range of average density values between 2.64 g/cm^3 and 2.80 g/cm^3 (average: 2.61 g/cm^3). There were 169 density determinations on kimberlite samples completed.

Table 15 Density Results – Zulu

Drill hole	# of Density Determinations	# of Kimberlite Density Determinations	Minimum Kimberlite Density Value (in-situ) - unit: g/cm^3	Maximum Kimberlite Density Value (in-situ) - unit: g/cm^3	Average Kimberlite Density (in-situ) - unit: g/cm^3	Average Country Rock - Limestone Density (in-situ) - unit: g/cm^3
Z-07-009C	27	27	2.32	2.80	2.58	–
Z-07-010C	27	24	2.40	2.80	2.64	2.32
Z-07-011C	12	9	2.60	2.77	2.68	2.57
Z-07-012C	12	10	2.53	2.77	2.64	2.65
Z-07-013C	16	14	2.31	2.73	2.53	2.45
Z-07-014H	1	–	–	–	–	2.48
Z-07-015C	17	14	2.44	2.64	2.53	2.55
Z-07-016C	18	16	2.46	2.79	2.63	2.49
Z-07-017C	13	7	2.57	2.72	2.66	2.48
Z-07-018C	23	23	2.43	2.64	2.54	–
Z-07-019C	25	25	2.38	2.72	2.63	–

Density measures on the limestone country rock (a total of 22 country rock density determinations used) on the Zulu core holes determined a moderate variation in average values between 2.32 and 2.65 g/cm^3 (average: 2.50 g/cm^3).

6.0 EXPENDITURES

A summary of expenditures is provided in Table 16, with details provided in Appendix D. A cost breakdown per kimberlite body is provided in Table 17

Table 16 Summary of expenditures

Field Wages	261,062.62
Drilling	1,108,855.90
Field Accommodation	133,313.00
Site Operation Costs	113,690.11
Expediting and Freight	123,502.20
Travel Costs	79,964.66
Helicopter costs	617,736.75
Office related expenditures 2007 (planning and reporting)	40,737.48
Total Expenditure	**$2,478,862.71**

Table 17 Cost breakdown per kimberlite body

Kimberlite Body	Number of Core holes Completed	Kimberlite Metreage	Metreage Drilled	Drilling Cost per Drilled Metreage
Bravo-1	6	686.47	902	$247,996.25
Whiskey	11	1488.55	1835	$504,515.65
X-Ray	10	1650.96	2034	$559,228.79
Zulu	11	1690.65	2011	$552,905.16
Yankee	12	1718.26	2234	$614,216.87
Total:	50	7234.89	9016	$2,478,862.71
*Drilling cost per meter:			$274.94	

7.0 CONCLUSIONS AND RECOMMENDATIONS

The 2007 core drilling program (50 holes, 9016 m) was completed safely without a lost time injury recorded in over 26,630 man hours worked on the project during the period of January 19th to May 22nd 2007.

The studies completed during the 2007 drilling program are presently at an early stage of work. A compilation of the data acquired in the field is provided.

The results of both field and petrographic logging indicate a wide spectrum of textures, grain sizes, mantle derived components and petrographic interest ratings.

The results from the logging as well as the analysis of the associated data will allow the modelling of the kimberlite pipes and the prioritization of the kimberlite bodies. This will then allow determining which kimberlite bodies will be further investigated.

8.0 STATEMENT OF QUALIFICATION

I, Birgit Rameseder, M.Sc., resident of the city of Toronto, Ontario, do hereby certify that:

1. I am currently employed as Project Manager for:
   De Beers Canada Inc.
   65 Overlea Blvd, Suite 300
   Toronto, ON, M4H 1P1
2. I completed a French Masters in Geology (equivalent to Bachelor) in 1998 from the University of Caen, France and a Master of Science (M.Sc.) in 2001 from the University of Quebec in Montreal.
3. I am a member in good standing of the Association of Professional Geoscientists of Ontario.
4. I have been involved in geological exploration since 2001 with De Beers Canada Exploration Inc. and Southern Era Resources Ltd in the Northwest Territories, Nunavut, Saskatchewan and Ontario.
5. I am responsible for the review of data and preparation of sections 9 and 10, entitled: "Assessment Report, Victor Resource Extension Program, for claim blocks CLM 435, 436, 438,442.
6. I have visited the property from January 19th to June 4th, 2007.
7. I have had prior involvement with the property that is the subject of the report in supervising and participating in the 2004 sampling program.
8. I am not aware of any material fact or material change with respect to the subject matter of the report that is not reflected in the report, the omission to disclose which makes the report misleading.
9. I am not independent of the report issuer.

Birgit Rameseder
July 16th, 2007

PROFESSIONAL GEOSCIENTIST
BIRGIT RAMESEDER
PRACTISING MEMBER
1423
ONTARIO

9.0 LIST OF PERSONNEL

Advanced Exploration Manager:	Peter Williamson De Beers Canada Inc. – Exploration Division Suite 300 - 65 Overlea Blvd, Toronto, ON M4H 1P1
De Beers Personnel:	Tony French – Project Manager Birgit Rameseder – Site Manager Maylene Gutierrez-Furigay – Project Geologist Joanne Paul – Senior Geologist Alistair Skinner – Manager – Manager of Grande Prairie Processing Plant Nathalie Lefebvre - Petrologist Sonya Chuchra – Field Geologist Gargi Mishra – Field Geologist Mary-Anne Hildebrandt- Contract Geologist David Milstead - Contract Geologist Josephine Spence – Data entry staff Crystal Koostachin – Data entry staff Lance Costante – Field assistant Michel Iahtail – Field assistant Richard Witham – Field assistant Nelson Paul-Martin – Field assistant
Contractors:	Helicopter Transport Services Foraco Drilling Blue Heron United Supplies (expediting and sample transport)

Individuals or companies contracted by De Beers Canada Inc. can be contacted through De Beers Canada Inc. – Exploration Division in Toronto, ON (address noted above).

10.0 REFERENCES

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APPENDICES

Appendix A Summary of 2007 Drill holes

2007 Core Drill Program Summary

Updated: May 27, 2007
casing depth from driller's time sheet, TOK from geology
Az provided: raw data in table; declination correction required to be applied: 10.45 degW

														FIRST INTERSECTION			SECOND INTERSECTION			THIRD INTERSECTION			FOURTH INTERSECTION								
DH	Kimberlite Body	Drill Rig	Pad Cleaned	Start Date	End Date	Status	Casing Depth	Predicted BOK	Actual TOK	Actual BOK	EOH	EOH rocktype	Total Kimberlite Intersection	Top of Kimberlite	End of Kimberlite	Kimberlite Metrange	Top of Kimberlite	End of Kimberlite	Kimberlite Metrange	Top of Kimberlite	End of Kimberlite	Kimberlite Metrange	Top of Kimberlite	End of Kimberlite	Kimberlite Metrange	Planned UTM East	Planned UTM North	Spotted UTM East	Spotted UTM North	Claim Block	Lease
X-07-014C	X-Ray	LF-1	NA	31-Jan	17-Feb	Complete	6		5.88	250.00	250.00	kimberlite	244.12	5.88	250	244.12			0			0			0	307600	5853400	307600	5853400	CLM437	107485
X-07-015C	X-Ray	LF-1	NA	10-Mar	14-Mar	Complete	7.5	300.0	7.50	189.90	222.00	limestone	182.40	7.50	189.9	182.40			0			0			0	307600	5853400	307600	5853400	CLM437	107485
X-07-016C	X-Ray	LF-1	NA	17-Feb	25-Feb	Complete	1.5	<250	1.52	157.12	180.00	limestone	155.60	1.52	157.12	155.60			0			0			0	307600	5853400	307600	5853400	CLM437	107485
X-07-017C	X-Ray	LF-1	NA	25-Feb	4-Mar	Complete	1.5	<250m	1.54	210.42	235.00	limestone	208.88	1.54	210.42	208.88			0			0			0	307600	5853400	307600	5853400	CLM437	107485
X-07-018C	X-Ray	LF-1	NA	4-Mar	10-Mar	Complete	3.5	>=250m	0.60	158.71	184.00	limestone	134.75	0.60	110.11	109.51	111.6	111.93	0.33	112.85	115.65	2.8	136.6	158.71	22.11	307600	5853400	307600	5853400	CLM437	107485
X-07-019C	X-Ray	LF-1	NA	8-Apr	11-Apr	Complete	6		53.70	201.00	216.00	limestone	147.30	53.70	201	147.30			0			0			0	307550	5853350	307550	5853350	CLM437	107485
X-07-020C	X-Ray	LF-1	NA	19-Apr	22-Apr	Complete	12	>=250m	59.70	184.50	210.00	limestone	124.80	59.70	184.5	124.80			0			0			0	307650	5853350	307650	5853350	CLM437	107485
X-07-021C	X-Ray	LF-1	NA	31-Mar	8-Apr	Complete	7.5		7.45	168.00	168.00	limestone/ KBBB	148.81	7.45	136.37	128.92	148.11	154.96	6.85	154.96	168	13.04			0	307650	5853450	307650	5853450	CLM437	107485
X-07-022C	X-Ray	LF-1	NA	11-Apr	15-Apr	Complete	6		4.50	68.80	123.00	limestone	64.30	4.50	68.8	64.30			0			0			0	307550	5853450	307550	5853450	CLM437	107485
X-07-023C	X-Ray	LF-1	NA	15-Apr	20-Apr	Complete	6	>=250m	6.00	246.00	246.00	kimberlite	240.00	6.00	246	240.00			0			0			0	307600	5853500	307600	5853500	CLM437	107485
Sum											2304.00		1609.06																		
B1-07-008C	Bravo-1	LF-1	NA	14-Mar	19-Mar	Complete	9	250	7.72	197.82	200.00	limestone/breccia	180.56	7.72	149.76	142.04	159.3	197.82	38.52			0			0	302150	5861300	302150	5861300	CLM436	107470
B1-07-009C	Bravo-1	LF-1	NA	26-Mar	28-Mar	Complete	9	probably 150-200	9.72	114.20	138.00	limestone	104.48	9.72	114.2	104.48			0			0			0	302150	5861300	302150	5861300	CLM436	107470
B1-07-010C	Bravo-1	LF-1	NA	19-Mar	22-Mar	Complete	12	probably 150-200	11.00	78.80	132.00	limestone	67.80	11.00	78.8	67.80			0			0			0	302150	5861300	302150	5861300	CLM436	107470
B1-07-011C	Bravo-1	LF-1	NA	22-Mar	25-Mar	Complete	12	probably 150-200	9.70	74.95	108.00	limestone	65.25	9.70	74.95	65.25			0			0			0	302150	5861300	302150	5861300	CLM436	107470
B1-07-012C	Bravo-1	LF-1	NA	25-Mar	26-Mar	Complete	9	probably 150-200	8.56	75.00	114.00	gravel, sand	66.44	8.56	75	66.44			0			0			0	302150	5861300	302150	5861300	CLM436	107470
B1-07-013C	Bravo-1	LF-1	28-Mar-07	28-Mar	31-Mar	Complete	9	250	8.06	210.00	210.00	kimberlite with limestone	201.94	8.06	210	201.94			0			0			0	302175	5861300	302100	5861300	CLM436	107470
Sum											666.00		666.47																		
W-07-006C	Whiskey	LF-2	NA	31-Jan	8-Feb	Complete	12		9.95	250.00	250.00	kimberlite	240.05	9.95	250	240.05			0			0			0	306957	5854831	306957	5854831	CLM437	107485
W-07-006C	Whiskey	LF-2	NA	21-Feb	22-Feb	Complete	12	100-150	12.00	82.20	102.00	limestone	50.80	12.00	56.6	44.60	75.9	82.2	6.3			0			0	306957	5854831	306957	5854831	CLM437	107485
W-07-010C	Whiskey	LF-2	NA	8-Feb	12-Feb	Complete	12	<=250	12.11	147.18	171.00	limestone	135.07	12.11	147.18	135.07			0			0			0	306957	5854831	306957	5854831	CLM437	107485
W-07-011C	Whiskey	LF-2	NA	12-Feb	15-Feb	Complete	7	~200	7.06	123.00	147.00	limestone	115.92	7.06	123	115.92			0			0			0	306957	5854831	306957	5854831	CLM437	107485
W-07-012C	Whiskey	LF-2	NA	15-Feb	21-Feb	Complete	10	100-150	10.16	194.00	212.00	limestone	183.84	10.16	194	183.84			0			0			0	306957	5854831	306957	5854831	CLM437	107485
W-07-013C	Whiskey	LF-2	3-Mar	10-Mar	14-Mar	Complete	7.5	150-200	7.50	78.41	114.00	limestone	70.91	7.50	78.41	70.91			0			0			0	307010	5854830	307010	5854830	CLM437	107485
W-07-014C	Whiskey	LF-2	2-Mar	14-Mar	18-Mar	Complete	6	250	5.70	50.10	87.00	limestone	44.40	5.70	50.1	44.40			0			0			0	307010	5854780	307010	5854780	CLM437	107485
W-07-015C	Whiskey	LF-2	NA	22-Feb	3-Mar	Complete	6	170-200	5.64	176.85	201.00	limestone	166.17	5.64	170.26	164.62	175.1	176.65	1.55			0			0	306960	5854780	306960	5854780	CLM437	107485
W-07-016C	Whiskey	LF-2	24-Feb-07	3-Mar	10-Mar	Complete	4.5	200-250	3.74	177.53	186.00	limestone	173.79	3.74	177.53	173.79			0			0			0	306910	5854830	306910	5854830	CLM437	107485
W-07-017C	Whiskey	LF-1	10-May-07	15-May	17-May	Complete	4.5	200	4.50	203.80	229.00	limestone	199.30	4.50	203.8	199.30			0							306905	5854855	306905	5854855	CLM437	107485
W-07-018C	Whiskey	LF-1	10-May-07	17-May	21-May	Complete	6		3.00	111.20	136.00	limestone	108.20	3.00	111.2	108.20			0							306905	5854855	306905	5854855	CLM437	107485
Sum											1696.00		1488.86																		
Y-07-002C	Yankee	LF-2	NA	18-Apr	22-Apr	Complete	3		3.00	252.00	252.00	kimberlite	249.00	3.00	252	249.00			0			0			0	306250	5851250	306250	5851250	CLM438	107471
Y-07-003C	Yankee	LF-2	NA	22-Apr	24-Apr	Complete	4.5		4.50	169.47	193.00	limestone	164.97	4.50	169.5	164.97			0			0			0	306250	5851250	306250	5851250	CLM438	107471
Y-07-004C	Yankee	LF-2	NA	26-Apr	1-May	Complete	3		2.77	404.00	404.00	kimberlite	401.23	2.77	404	401.23			0			0			0	306250	5851250	306250	5851250	CLM438	107471
Y-07-005C	Yankee	LF-2	NA	24-Apr	26-Apr	Complete	3		2.73	156.30	174.00	limestone	111.47	2.73	67.65	64.92	109.75	156.3	46.55			0			0	306250	5851250	306250	5851250	CLM438	107471
Y-07-006C	Yankee	LF-2	NA	1-May	4-May	Complete	3		2.34	120.20	146.00	limestone	117.86	2.34	120.2	117.86			0			0			0	306250	5851250	306250	5851250	CLM438	107471
Y-07-007H	Yankee	LF-2	NA	16-Apr	18-Apr	Complete	15		NA	0.00	15.00	limestone		NA					0			0			0	306174	5851192	306100	5851200	CLM438	107471
Y-07-008C	Yankee	LF-2	3-May-07	4-May	6-May	Complete	9		NA	0.00	93.00	limestone		NA					0			0			0	306310	5851250	306310	5851250	CLM438	107471
Y-07-009C	Yankee	LF-2	5-May-07	6-May	8-May	Complete	6		NA	0.00	69.00	limestone		NA					0			0			0	306250	5851200	306250	5851200	CLM438	107471
Y-07-010C	Yankee	LF-2	5-May-07	8-May	18-May	Complete	3		2.65	258.00	258.00	kimberlite	255.35	2.65	258	255.35			0			0			0	306220	5851280	306220	5851280	CLM438	107471
Y-07-011C	Yankee	LF-1	5-May-07	9-May	11-May	Complete	15		71.42	237.50	240.00	limestone	166.08	71.42	237.5	166.08			0			0			0	306310	5851150	306310	5851150	CLM438	107471
Y-07-012C	Yankee	LF-1	5-May-07	5-May	9-May	Complete	12		90.00	111.70	138.00	limestone	21.70	90.00	111.7	21.70			0			0			0	306310	5851150	306310	5851150	CLM438	107471
Y-07-013C	Yankee	LF-1	3-May-07	11-May	15-May	Complete	16.5		21.40	252.00	252.00	kimberlite	230.60	21.40	252	230.60			0			0			0	306280	5851280	306280	5851280	CLM438	107471
Sum											2304.00		1718.36																		
Z-07-009C	Zulu	LF-2	NA	22-Mar	26-Mar	Complete	6	250	5.60	270.00	270.00	kimberlite	264.40	5.60	270	264.40			0			0			0	308800	5845900	308800	5845900	CLM441	107474
Z-07-010C	Zulu	LF-2	NA	10-Apr	16-Apr	Complete	6	>250	6.00	276.40	306.00	Limestone	270.40	6.00	276.4	270.40			0			0			0	308800	5845900	308800	5845900	CLM441	107474
Z-07-011C	Zulu	LF-2	NA	8-Apr	10-Apr	Complete	6	probably <200	6.00	90.00	120.00	Limestone	84.00	6.00	90	84.00			0			0			0	308800	5845900	308800	5845900	CLM441	107474
Z-07-012C	Zulu	LF-2	NA	28-Mar	1-Apr	Complete	9	probably <200	9.00	99.75	146.00	limestone	90.75	9.00	99.75	90.75			0			0			0	308800	5845900	308800	5845900	CLM441	107474
Z-07-013C	Zulu	LF-2	NA	1-Apr	8-Apr	Complete	6	probably <200	6.00	133.38	158.00	limestone	127.38	6.00	133.38	127.38			0			0			0	308800	5845900	308800	5845900	CLM441	107474
Z-07-014H	Zulu	LF-2	NA	18-Mar	22-Mar	Complete	15		NA	0.00	18.00	limestone		NA					0			0			0	308850	5845850	308850	5845850	CLM441	107474
Z-07-015C	Zulu	LF-1	NA	22-Apr	25-Apr	Complete	6	up to 250	6.00	158.60	180.00	limestone	153.60	6.00	158.6	153.60			0			0			0	308775	5845875	308775	5845875	CLM441	107474
Z-07-016C	Zulu	LF-1	NA	25-Apr	27-Apr	Complete	9	up to 250	8.27	164.17	186.00	limestone	155.90	8.27	164.2	155.90			0			0			0	308825	5845875	308825	5845875	CLM441	107474
Z-07-017C	Zulu	LF-1	NA	26-Apr	29-Apr	Complete	4.5	up to 250	4.05	64.70	126.00	limestone	60.65	4.05	64.7	60.65			0			0			0	308775	5845850	308775	5845850	CLM441	107474
Z-07-018C	Zulu	LF-1	NA	29-Apr	2-May	Complete	7.5	up to 250	7.22	252.00	252.00	kimberlite	244.78	7.22	252	244.78			0			0			0	308825	5845950	308825	5845950	CLM441	107474
Z-07-019C	Zulu	LF-1	NA	2-May	5-May	Complete	10.5	>250	10.21	249.00	249.00	kimberlite	238.79	10.21	249	238.79			0			0			0	308825	5846025	308825	5846025	CLM441	107474
Sum											2898.00		2898.36																		

2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: B1-07-008C
Easting: 302154.754
NAD: NAD83
Survey (EOH): Dip: 89° Azimuth: 158.8°

Drilling Contractor: FORACO Inc.
Northing: 5861299.337
Zone: 17
Collar Elevation: 87.200 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 14 March 2007
Casing Bit: HWT Casing Bit
Casing Set to: 9 m
Casing left in Hole (yes/no): Yes, 9 m
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 26 May 2007
First Plug Depth: -
Number of Bags of Cement: -

Drilling Completed: 19 March 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): No
Total Number of Bags of Cement: -
Second Plug Depth: -
Number of Bags of Cement: -

Comments: Hole not cemented; cap was put on casing; casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 7.72 m

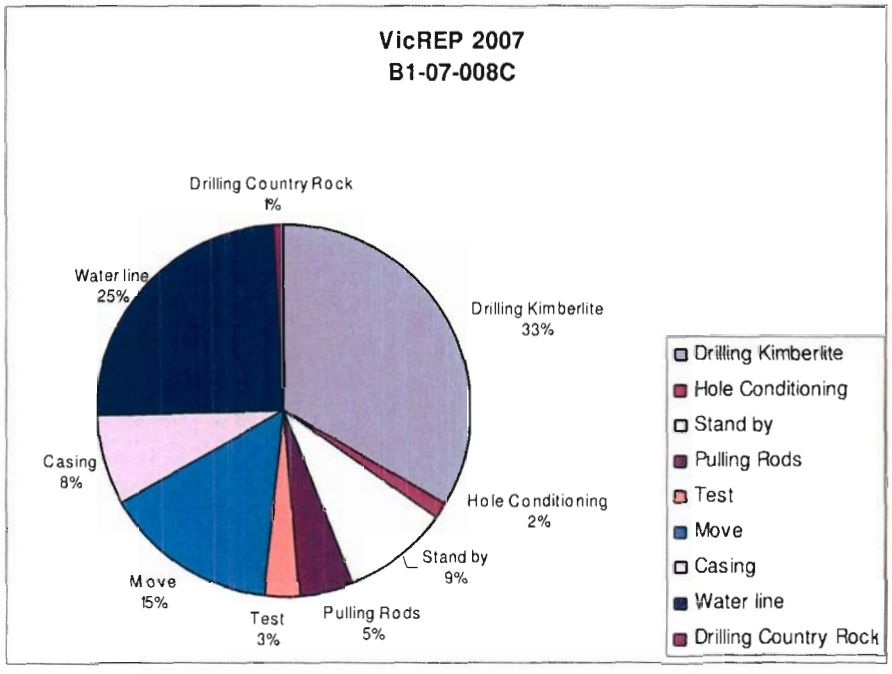
Predicted Base of Kimberlite: 250 m
Actual Base of Kimberlite: 197.82 m

End of Hole (EOH): 200.00 m
EOH Lithology: Limestone/Breccia

Meters of Kimberlite Drilled: 180.56 m
Number of Core Boxes: 77

Reason Hole Called: Hole intersected limestone/breccia; a more uniform kimberlite unit in the center of the pipe had been expected
Comments: -

TIME MOTION CHART



The majority of the time spent at B1-07-008C was on drilling kimberlite (33%), moving from X-Ray to Bravo (15%), and transporting water in 1000 L tanks to the drill site to commence drilling (25%). This hole was used as water supply hole for the following drill holes.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: B1-07-008C | **Date Drilled: Mar 14-19, 2007**

Logged by: Gargi Mishra | **Date Logged: Mar 18-20, 2007**

Top of Kimberlite: 7.72 m | **EOH: 200.00 m**
Base of Kimberlite: 197.82 m

Summary Log

From	To	
0.00	7.72	Missing
7.72	84.06	Kimberlite
84.60	120.42	Kimberlite
120.42	149.76	Brecciated limestone mixed with kimberlite breccia at places.
149.76	159.30	Limestone
159.30	197.82	Kimberlite breccia with massive limestone
197.82	200.00 (EOH)	Limestone showing kimberlite fluid movement in-between.

Depth (m) From	To	Description
0.00	7.72	Missing - Casing
7.72	84.06	Massive, volcaniclastic light brown color kimberlite, Clast to matrix-supported. Poorly sorted. Olivine altered to serpentine and to orange. Average olivine size is 5-7mm. Abundant percentage of coarse to very coarse grained macrocrystic olivine is ~ 60 percent. Abundance percentage of olivine more than 2mm size is 60 percent. Olivine macrocrysts show selvage at places. Magmaclast are irregular in shape and are seen more commonly as kernel or selvage. Mantle xenoliths are fresh to sheared and consists of; cpx+garnet; garnet+olivine+opx; cpx+garnet. Xenocrysts of garnets seen with kelyphytic rim. Garnets are red, purple, brown and orange in color. Cpx and ilmenite seen. Indicators minerals are not common. Garnet>Cpx>ilmenite in order of abundance. Country rock xenoliths of basement and limestone seen. Limestones are more abundant than basement. Country rock xenoliths of basement are slightly altered and show garnet within. Basement xenoliths show selvage and are angular to sub-angular in nature. Limestone xenoliths are angular and are less altered. Magnetite replacing olivine is very common. Phlogopite laths are commonly seen. Lower contact is broken.
84.06	120.42	Massive, volcaniclastics, dark green color kimberlite. Matrix to clast-supported. Olivines are fresh and or altered to serpentine. Average size of olivine is ~5mm. Abundance percentage of olivine is ~70 percent; abundance of olivine more than 2mm in size is ~60 percent. Magmaclast are small in size and not so common. Country rock xenoliths of basement are highly altered. Limestone xenoliths show kernel at places. Garnets are red, purple, and orange in color and show kelyphytic rim. Cpx are almost absent. Ilmenite seen. Mantle xenoliths not seen. Carbonate venation is common.
120.42	149.76	Massive limestone brecciated unit, with kimberlite intruding in open spaces. From 134.00 m depth onwards kimberlite breccia seen in between. From

		135.95-136.70 and 143.17 – 143.97 m depth relatively large piece of kimberlite breccia seen. From 145.77 m depth onwards kimberlite is highly weathered and clayey.
149.76	159.30	Massive limestone highly broken and soft at places.
159.30	197.82	Kimberlite breccia with alternate limestone and limestone breccia in between. Contact between kimberlite breccia and limestone is gentle dipping at angle 35-45 degree or broken at places. Kimberlite breccia unit is predominately country rock xenoliths of limestone with country rock xenoliths of basement at places. Limestone xenoliths are unaltered to slightly altered. Basement xenoliths are highly altered and show kernel/selvage. Olivines are relatively fine to medium grained and altered. Garnet, cpx and ilmenite are rare and seen occasionally. Depth wise description of the run is as follows: 159.30-160.87 m- Green colour,clayey,weathered kimberlite 160.87-172.25 m- Weathered limestone mixed with clay and kimberlite in-between. Kimberlite smaller than 50 cm in length. 172.25-173.53 m- Competent kimberlite breccia 173.53-179.00 m- Limestone mixed with kimberlite breccia. Kimberlite breccia smaller than 50 cm in length. 179.00-189.75 m- Kimberlite breccia predominantly massive and competent in nature with massive limestone at 179.55-179.90 m and 185.30 to 186.30 m depth. 189.75-191.00 m- Weathered limestone. 191.00-192.33 m- Massive limestone. 192.33-197.82 m- Kimberlite breccia with massive limestone at 195.98-196.80m.
197.82	200.00 (EOH)	Limestone showing kimberlite fluid movement within the open space.

VicREP 2007:
Bravo1 Kimberlite Body

STRIP LOG: B1-07-008C

Easting	Northing	Elev	Azimuth	Dip	Depth
302154.8	5861299.3	87.2	158.8	-89.0	200.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 14, 2007
Hole End Date: March 19, 2007

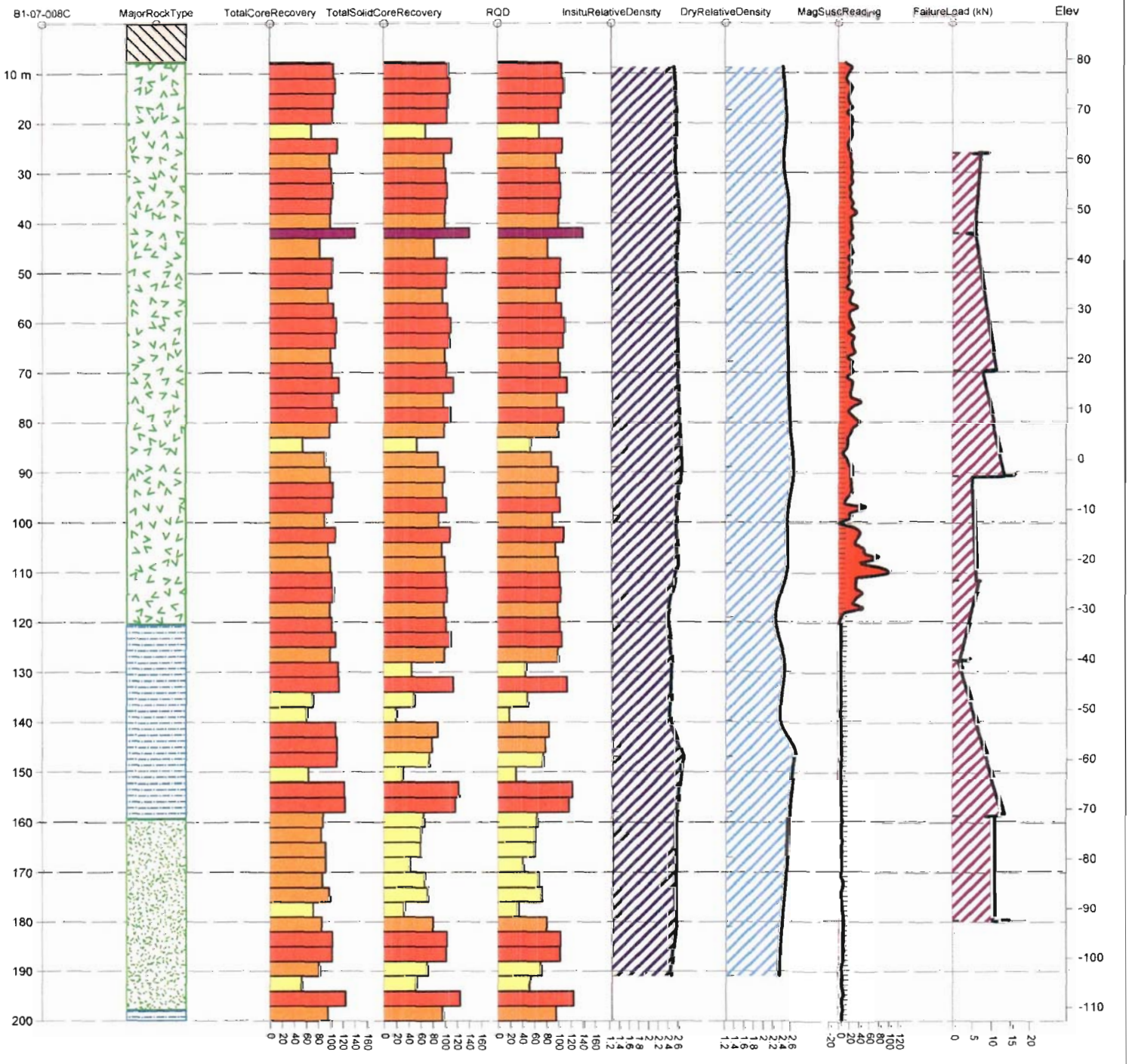
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
KB Kimberlite breccia
LMST Limestone
VK Volcaniclastic kimberlite

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **B1-07-009C**
Easting: 302153.799
NAD: NAD83
Survey (EOH): Dip: 62.5° Azimuth: 43.4°

Drilling Contractor: FORACO Inc.
Northing: 5861304.451
Zone: 17
Collar Elevation: 87.146 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 26 March 2007
Casing Bit: HWT Casing Bit
Casing Set to: 9 m
Casing left in Hole (yes/no): Yes, 10 m
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 02 April 2007
First Plug Depth: 8 m
Number of Bags of Cement: 3

Drilling Completed: 28 March 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: Casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 9.72 m

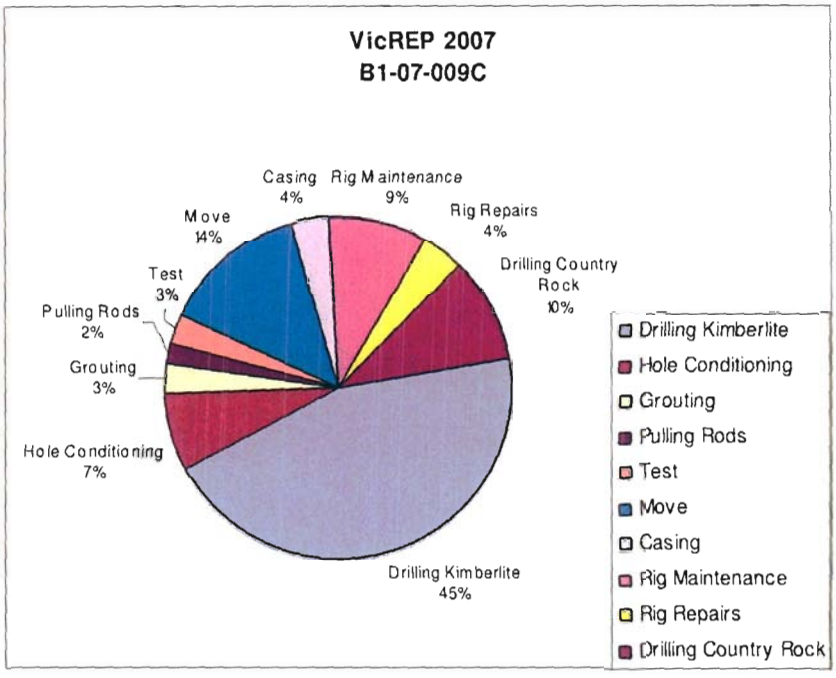
Predicted Base of Kimberlite: probably 150-200 m
Actual Base of Kimberlite: 114.20 m

End of Hole (EOH): 138.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 104.48 m
Number of Core Boxes: 44

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



Most time was spent drilling kimberlite (45%), moving with the help of a zoom boom, and drilling country rock (10%). Rig repairs (4%) included fixing the foot clamp and the core barrel.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: B1-07-009C | **Date Drilled: March 26-28, 2007**

Logged by: Gargi Mishra | **Date Logged: March 30, 2007**

Top of Kimberlite: 9.72 m | **EOH: 138.00 m**
Base of Kimberlite: 111.20 m

Summary Log

From	To	
0.00	9.72	Missing - Casing
9.72	111.20	Kimberlite
111.20	138.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	9.72	Missing – Casing
9.72	111.20	Massive, light brown to grey color, volcaniclastic kimberlite. Matrix to clast-supported. Moderately sorted. Grain size increases with depth. Average size of olivine macrocrysts is 3-5mm. Abundance percentage of olivine more than 2mm is approximately 30 percent, total olivine abundance percentage is approximately 70 percent. Magmaclast is irregular and seen more commonly as selvage around country rock xenoliths. Limestone xenoliths are angular and are unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are altered. Garnets are purple and red in color and some have kelyphytic rims. Ilmenite and cpx seen more commonly as intergrowth within olivine macrocrysts. Garnet >cpx>ilmenite in order of abundance. From 70.00 mm depth onwards kimberlite is more serpentinizsed and appears more clast-supported. Near contact intense carbonatization seen. Lower contact is broken.
111.20	138.00 (EOH)	Massive, weathered limestone, clayey at places, especially near top contact.

VicREP 2007:
Bravo1 Kimberlite Body

STRIP LOG: B1-07-009C

Easting	Northing	Elev	Azimuth	Dip	Depth
302153.8	5861304.5	87.1	43.4	-62.5	138.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 26, 2007
Hole End Date: March 28, 2007

Rig Number: LF-1

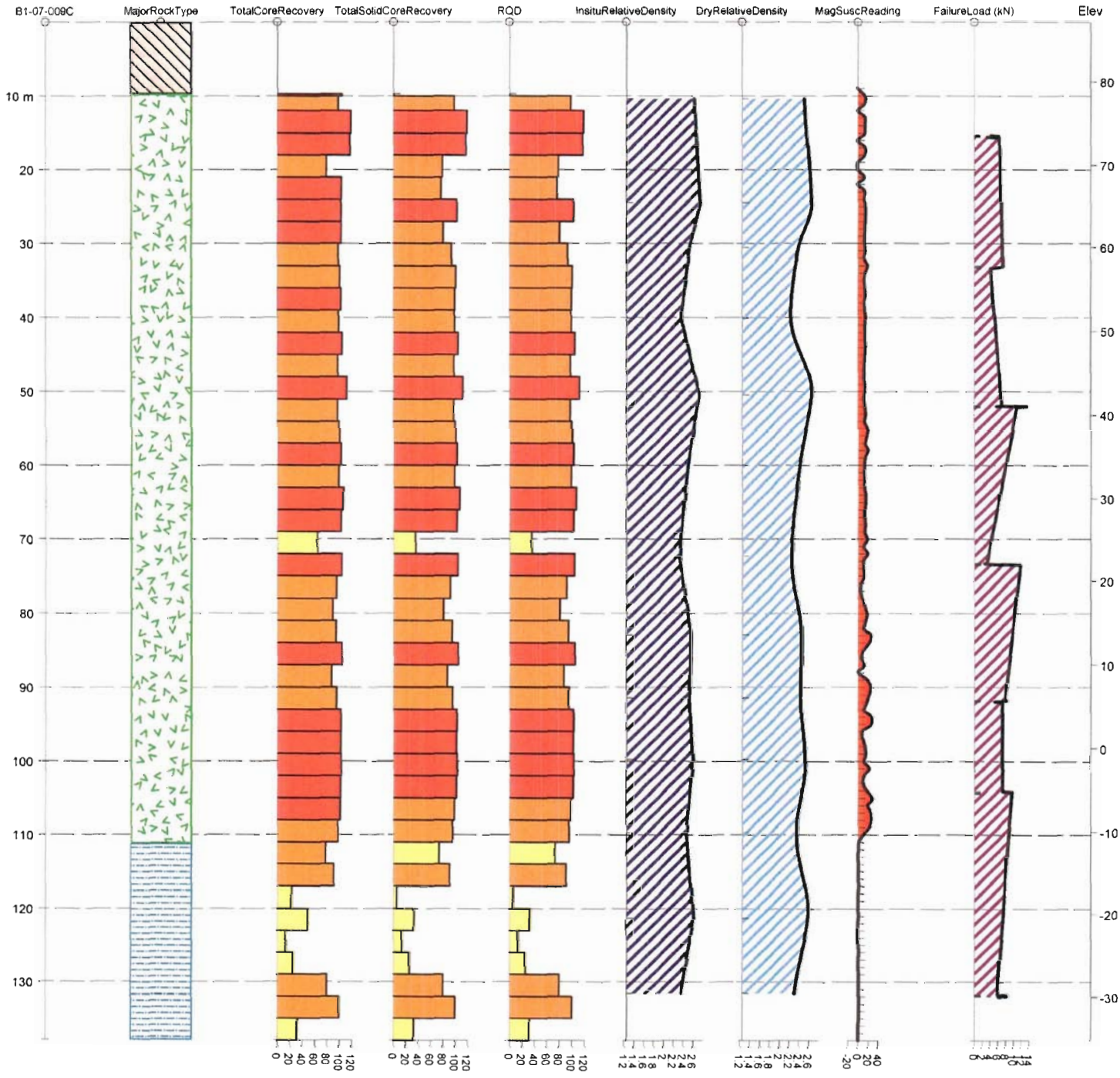
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **B1-07-0010C**

Easting: 302149.923

NAD: NAD83

Survey (EOH): Dip: 60.9° Azimuth: 137°

Drill Rig Type: LF-70

Drilling Started: 19 March 2007

Casing Bit: HWT Casing Bit

Casing Set to: 12 m

Casing left in Hole (yes/no): Yes, 12 m

Reason: -

Rods Pulled (yes/no): Yes

Date of Abandonment: 02 April 2007

First Plug Depth: 13 m

Number of Bags of Cement: 3

Drilling Contractor: FORACO Inc.

Northing: 5861298.088

Zone: 17

Collar Elevation: 87.127 m

Drill Rig Number: LF-1

Drilling Completed: 22 March 2007

Casing Diameter (ID): 101.6 mm

Bit Diameter (Hole Diameter HQ): 96 mm

Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes

Total Number of Bags of Cement: 3

Second Plug Depth: -

Number of Bags of Cement: -

Comments: Casing left in hole.

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 11.00 m

End of Hole (EOH): 132.00 m

EOH Lithology: Limestone

Predicted Base of Kimberlite: 150-200 m

Actual Base of Kimberlite: 78.80 m

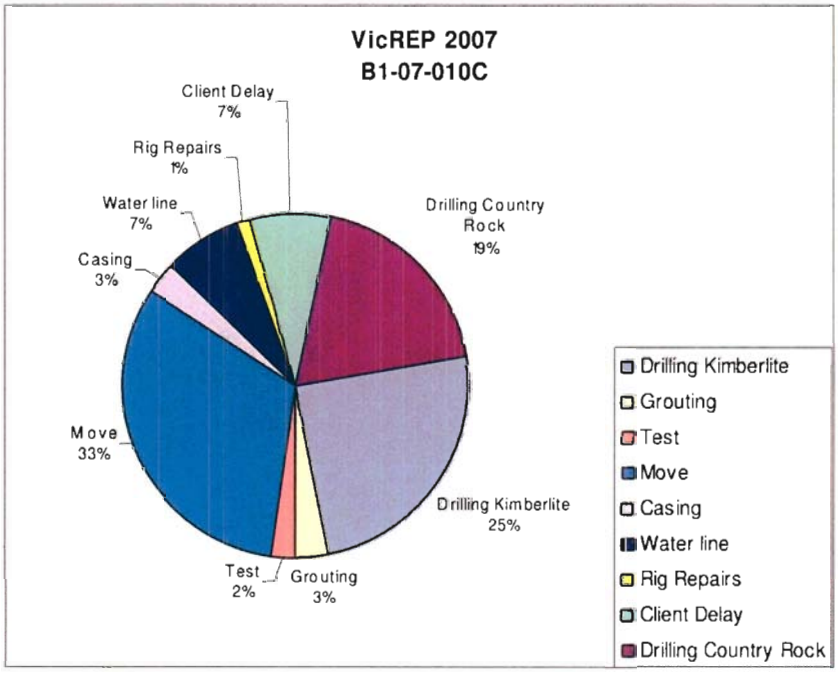
Meters of Kimberlite Drilled: 67.80 m

Number of Core Boxes: 45

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



The majority of time was spent drilling kimberlite (25%) or country rock (19%). There was a 5 hour client delay by waiting for a loader to assist in the move. Poor drilling conditions in the country rock made it necessary to adjust the rig placement and to change the bit.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: B1-07-010C | **Date Drilled: March 19-22, 2007**

Logged by: Gargi Mishra | **Date Logged: March 22, 2007**

Top of Kimberlite: 11.00 m | **EOH: 132.00 m**
Base of Kimberlite: 78.80 m

Summary Log

From	To	
0.00	11.00	Missing - Casing
11.00	78.80	Kimberlite
78.80	132.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	11.00	Missing - Casing
11.00	78.80	Grey green colour, massive, volcaniclastic kimberlite. Matrix to clast-supported. Olivine altered to orange or to serpentine. Macrocrystic olivine show selvage at places. Juvenile magmaclast are irregular in shape most commonly seen as kernel or selvage. Average size of olivine is 5-7mm and abundance percentage of olivine more than 2mm is 45 percent. Poorly sorted. Abundance percentage of country rock xenoliths is ~10 percent. Country rock xenoliths of limestone are more abundant than basement xenoliths. Basement xenoliths are completely to partially altered and show selvage. Garnet seen in basement xenoliths. Basement xenoliths are sub-angular in shape. Limestone xenoliths are unaltered to slightly altered in nature, angular in shape. Garnets are red and purple in color and show kelyphytic rim at places. Ilmenite and cpx seen. Garnet>cpx>ilmenite in order of abundance. Max size of garnet is ~10 mm. Ilmenite and cpx ~ 2mm in size. Magnetite replacing olivine very common. Green color mica is very common. Phlogopite laths also seen at places. Lower contact is broken.
78.80	132.00 (EOH)	Massive, competent limestone.

VicREP 2007:
Bravo1 Kimberlite Body

STRIP LOG: B1-07-010C

Easting	Northing	Elev	Azimuth	Dip	Depth
302149.9	5861298.1	87.1	137.0	-60.9	132.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 19, 2007
Hole End Date: March 22, 2007

Rig Number: LF-1

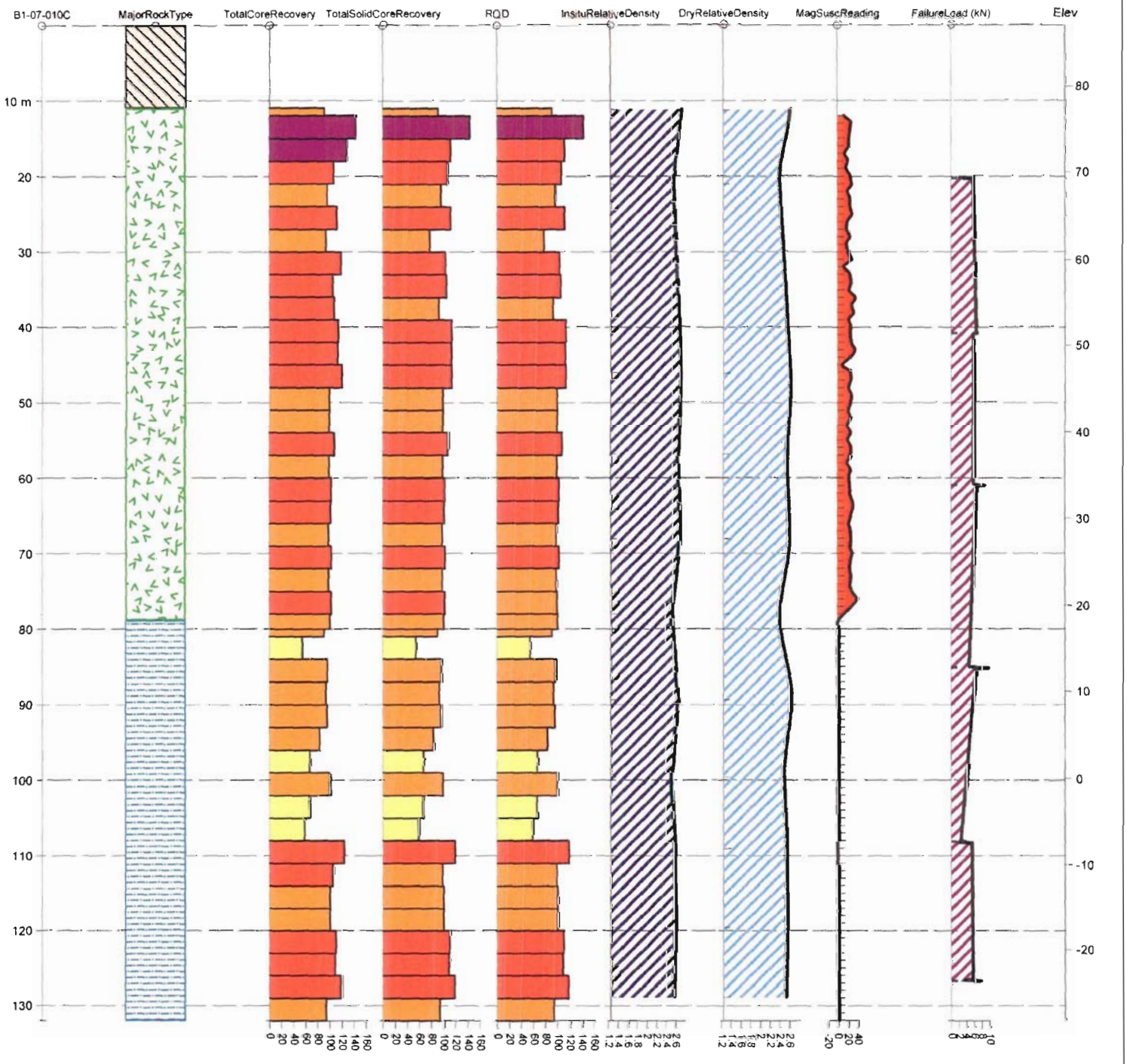
DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic	
	kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

	≥ 125
	≤ 125
	≤ 100
	≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: B1-07-011C

Easting: 302146.494

NAD: NAD83

Survey (EOH): Dip: 60.4° Azimuth: 213.9°

Drill Rig Type: LF-70

Drilling Started: 22 March 2007

Casing Bit: HWT Casing Bit

Casing Set to: 12 m

Casing left in Hole (yes/no): No

Reason: -

Rods Pulled (yes/no): Yes

Date of Abandonment: 02 April 2007

First Plug Depth: 13 m

Number of Bags of Cement: 3

Comments: -

Drilling Contractor: FORACO Inc.

Northing: 5861292.308

Zone: 17

Collar Elevation: 87.105 m

Drill Rig Number: LF-1

Drilling Completed: 25 March 2007

Casing Diameter (ID): 101.6 mm

Bit Diameter (Hole Diameter HQ): 96 mm

Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes

Total Number of Bags of Cement: 3

Second Plug Depth: -

Number of Bags of Cement: -

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 9.70 m

End of Hole (EOH): 108.00 m

EOH Lithology: Limestone

Predicted Base of Kimberlite: 150-200 m

Actual Base of Kimberlite: 74.95 m

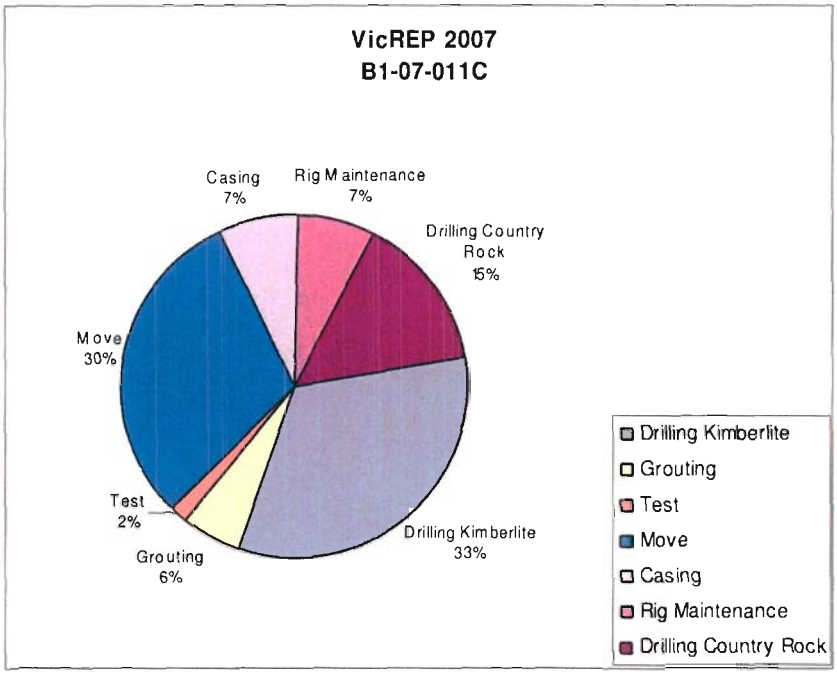
Meters of Kimberlite Drilled: 65.25 m

Number of Core Boxes: 33

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



The majority of time was spent either drilling kimberlite (33%) or country rock (15%). Moving (33%) was significant because of the short drill hole length and waiting for the loader to assist in the move. Poor drilling conditions in the country rock also added to the elapsed time.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: B1-07-011C | **Date Drilled: March 22-25, 2007**

Logged by: Gargi Mishra | **Date Logged: March 25, 2007**

Top of Kimberlite: 9.70 m | **EOH: 108.00 m**
Base of Kimberlite: 74.95 m

Summary Log

From	To	
0.00	9.70	Missing – Casing
9.70	74.95	Kimberlite
74.95	108.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	9.70	Missing – Casing
9.70	74.95	Massive, grey green color, volcaniclastic kimberlite. Predominantly clast-supported. Poorly sorted. Olivine altered to serpentine or fresh at places. Average size of olivine is 5-7mm. Abundance percentage of olivine varies from 70-80 percent. Abundance percentage of olivine more than 2mm is 55-60 percent. Juvenile magmaclast are rounded in nature and are of two colors, grey and green. Magmaclast are not very common and mostly present as thin kernel or selvage. Abundance percentage of country rock xenoliths is 5 percent. Limestone is most abundant followed by basement. Limestone xenoliths are angular and are unaltered to slightly altered in nature. Limestone xenoliths show selvage at places. Basement xenoliths are highly altered and sub-angular and show selvage or kernel. Garnets are red and purple in color and show kelyphytic rim at places. Maximum size of garnet is 8mm. Cpx are seen rarely, very fine approximately 1mm. Ilmenite almost absent (not seen any). Phlogopite laths are very common. Mantle xenoliths seen commonly mainly consist of garnet+olivine+cpx. Highly altered in nature. Green color mica seen at places. Autoliths seen from 60-64 m depth very frequently. From 28.40 to 43.26 m depth is weathered kimberlite zone. Kimberlite is highly serpentinised and clayey in nature. Massive, competent limestone seen from 34.20-34.87 m depth. Secondary (?) green mica is very common. From 36.16 to 38.00 m depth is completely serpnetinised, weathered limestone, green–dark brown in color. From 42.00 to 43.26 m depth kimberlite is showing intense carbonate fluid movement. From 43.26- 63.00 m depth is weathered but competent kimberlite. Coarse to medium-grained clast-supported, abundance percentage of olivine is approximately 80 percent. Carbonate veins are numerous. From 63.00 to 74.95 m depth is more matrix-supported, fine-grained weathered but competent kimberlite. From 72.50 to 74.95 m depth is highly serpentinised, clayey kimberlite. Lower contact is broken.
74.95	108.00 (EOH)	Massive, weathered limestone, clayey at places.

VicREP 2007:
Bravo1 Kimberlite Body

STRIP LOG: B1-07-011C

Easting	Northing	Elev	Azimuth	Dip	Depth
302146.5	5861292.3	87.1	213.9	-60.4	108.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 22, 2007
Hole End Date: March 25, 2007

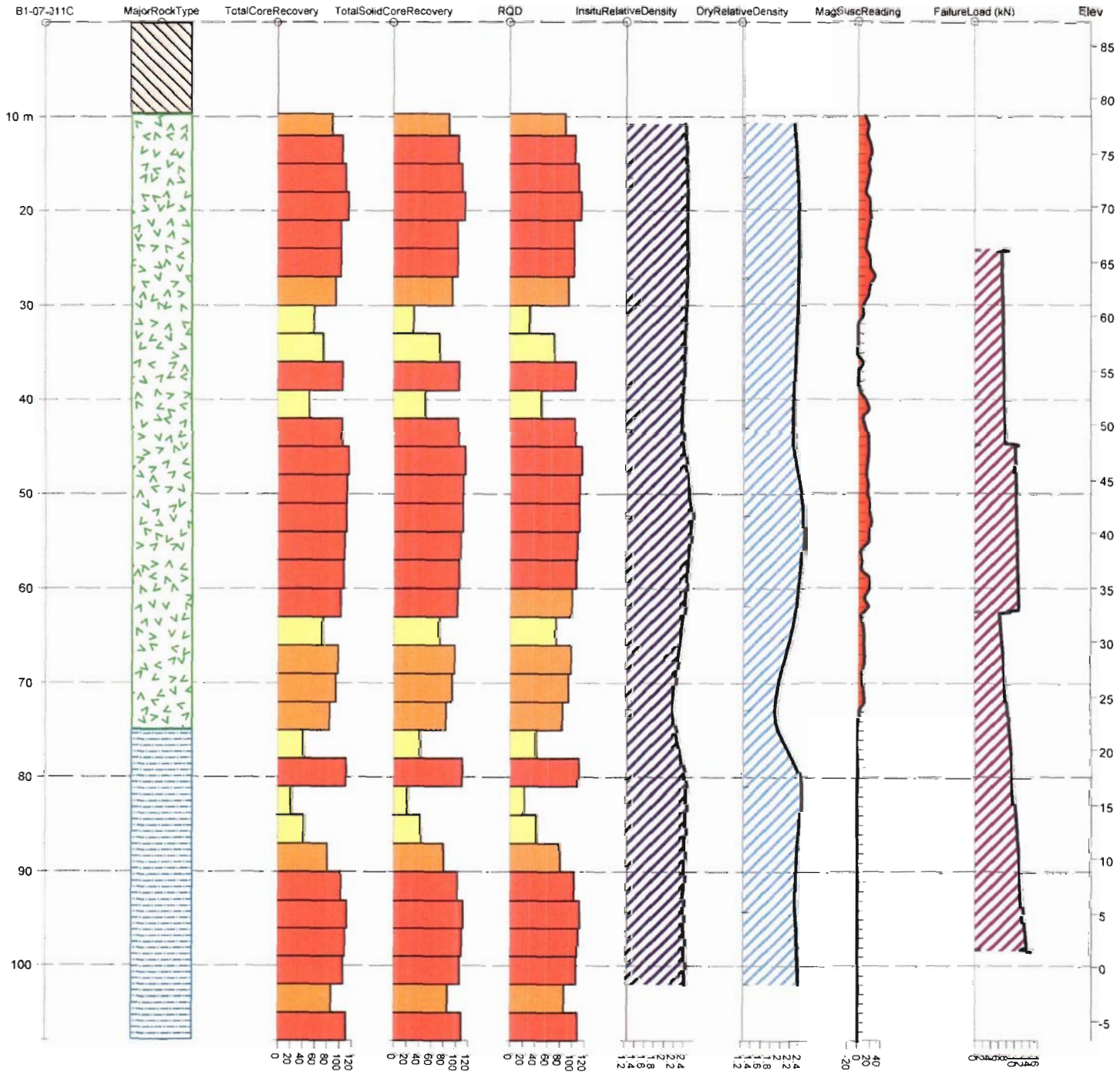
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
LMST Limestone
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: B1-07-012C

Drilling Contractor: FORACO Inc.

Easting: 302150.860

Northing: 5861298.676

NAD: NAD83

Zone: 17

Survey (EOH): Dip: 60.6° Azimuth: 317.4°

Collar Elevation: 87.122 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 25 March 2007

Drilling Completed: 26 March 2007

Casing Bit: HWT Casing Bit

Casing Diameter (ID): 101.6 mm

Casing Set to: 9 m

Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): No

Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): Yes

Cemented (yes/no): Yes

Date of Abandonment: 02 April 2007

Total Number of Bags of Cement: 3

First Plug Depth: 10 m

Second Plug Depth: -

Number of Bags of Cement: 3

Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA

Predicted Base of Kimberlite: 150-200 m

Actual Top of Kimberlite: 8.56 m

Actual Base of Kimberlite: 75.00 m

End of Hole (EOH): 114.00 m

Meters of Kimberlite Drilled: 66.44 m

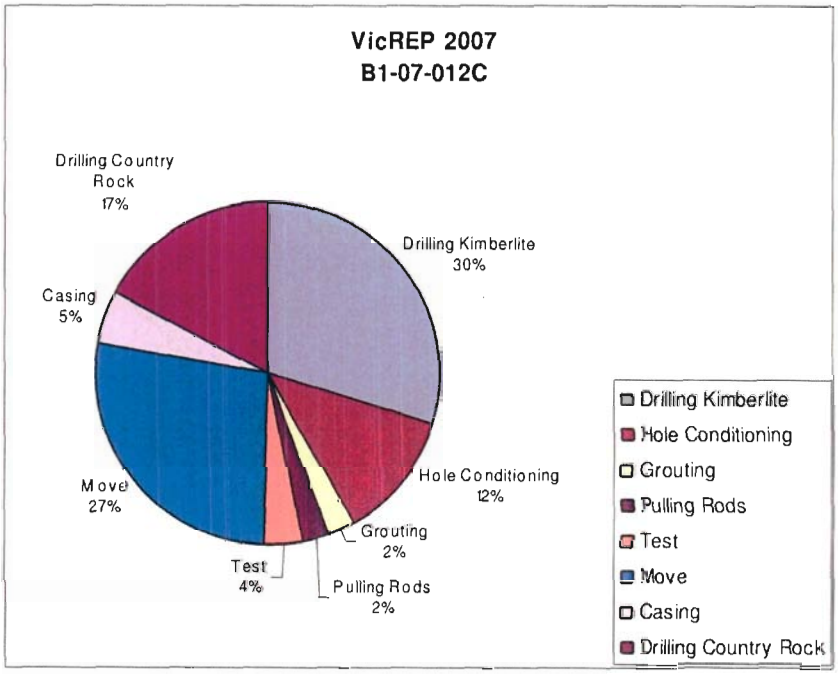
EOH Lithology: Gravel, Sand

Number of Core Boxes: 26

Reason Hole Called: Hole was completed in sediments.

Comments: -

TIME MOTION CHART



Drilling kimberlite (30%), drilling country rock (17%) and moving the rig (27%) represent most of the elapsed time. More time was spent on hole conditioning (12%) due to poor drilling conditions in the country rock.

Project: Victor Resource Extension Programme 2007

Core Size: HQ

Drill Hole: B1-07-012C

Date Drilled: March 22-25, 2007

Logged by: Gargi Mishra

Date Logged: March 27, 2007

Top of Kimberlite: 8.56 m
Base of Kimberlite: 75.00 m

EOH: 114.00 m

Summary Log

From	To	
0.00	8.56	Missing – Casing
8.56	75.00	Kimberlite
75.00	114.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	8.56	Missing – Casing
8.56	75.00	Massive, grey green color, volcaniclastic kimberlite. Poorly to moderately sorted. Matrix to clast-supported. Average particle size is 3-5 mm. Olivine altered to orange and to serpentine and fresh at places. Dominant olivine size is fine to medium-grain with a small percentage of coarse to very coarse macrocrystic olivine. Maximum size of olivine is 30 mm and minimum is approximately 1mm.Abundance percentage of olivine is approximately 60 pecent; olivine more than 2mm in size is approximately 20 percent. Juvenile magmaclast are rounded and are more commonly present as thick selvage around country rock xenoliths. Limestone xenoliths are angular in nature and are slightly altered to unaltered. Basement xenoliths are sub-angular and are completely to partially altered. Garnets are red and purple in color and show kelyphytic rim at places. Maximum size of garnet recorded is approximately 5mm. Ilmenite and Cpx seen. Garnet>ilmenite ≥ cpx in order of abundance. Mantle xenoliths are highly altered and not so common. Phlogopite laths seen commonly. Green mica seen commonly especially below 58 m depth onwards. After 58 m depth onwards kimberlite is more matrix-supported, olivine are fine to medium-grained, country rock xenoliths are relatively coarse. Lower contact is broken.
75.00	114.00 (EOH)	Massive, weathered limestone, clayey at places. Washed out material mostly.

VicREP 2007:
Bravo1 Kimberlite Body

STRIP LOG: B1-07-012C

Easting	Northing	Elev	Azimuth	Dip	Depth
302150.9	5861298.7	87.1	317.4	-60.6	114.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 25, 2007
Hole End Date: March 26, 2007

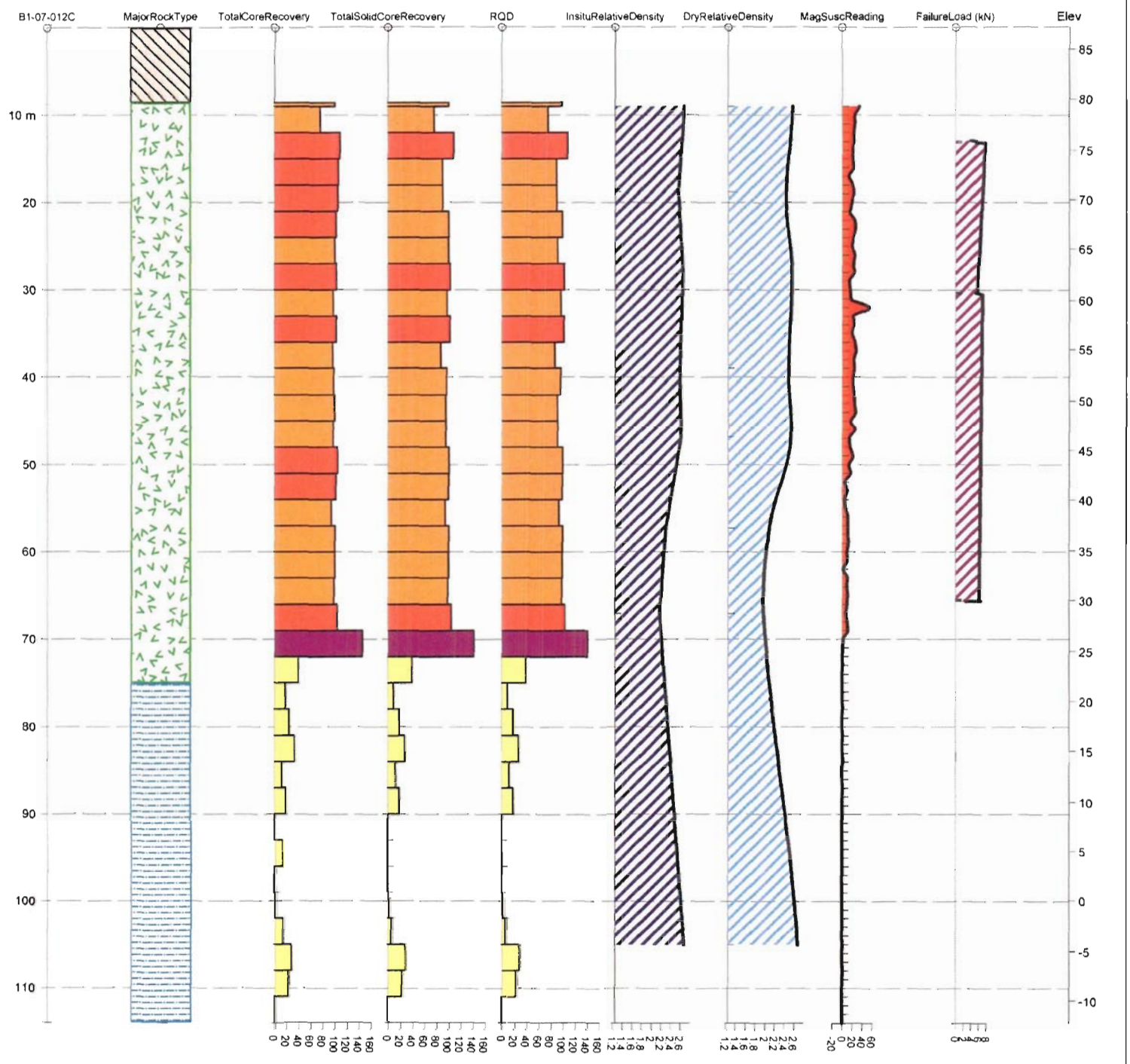
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
KB	Kimberlite breccia	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: B1-07-013C

Easting: 302175.795

NAD: NAD83

Survey (EOH): Dip: 89.4° Azimuth: 76.6°

Drill Rig Type: LF-70

Drilling Started: 28 March 2007

Casing Bit: HWT Casing Bit

Casing Set to: 9 m

Casing left in Hole (yes/no): No

Reason: -

Rods Pulled (yes/no): Yes

Date of Abandonment: 02 April 2007

First Plug Depth: 8 m

Number of Bags of Cement: 3

Comments:

Drilling Contractor: FORACO Inc.

Northing: 5861299.243

Zone: 17

Collar Elevation: 87.278 m

Drill Rig Number: LF-1

Drilling Completed: 31 March 2007

Casing Diameter (ID): 101.6 mm

Bit Diameter (Hole Diameter HQ): 96 mm

Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes

Total Number of Bags of Cement: 3

Second Plug Depth: -

Number of Bags of Cement: -

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 8.06 m

End of Hole (EOH): 210.00 m

EOH Lithology: Kimberlite with Limestone

Reason Hole Called: High limestone content.

Comments: -

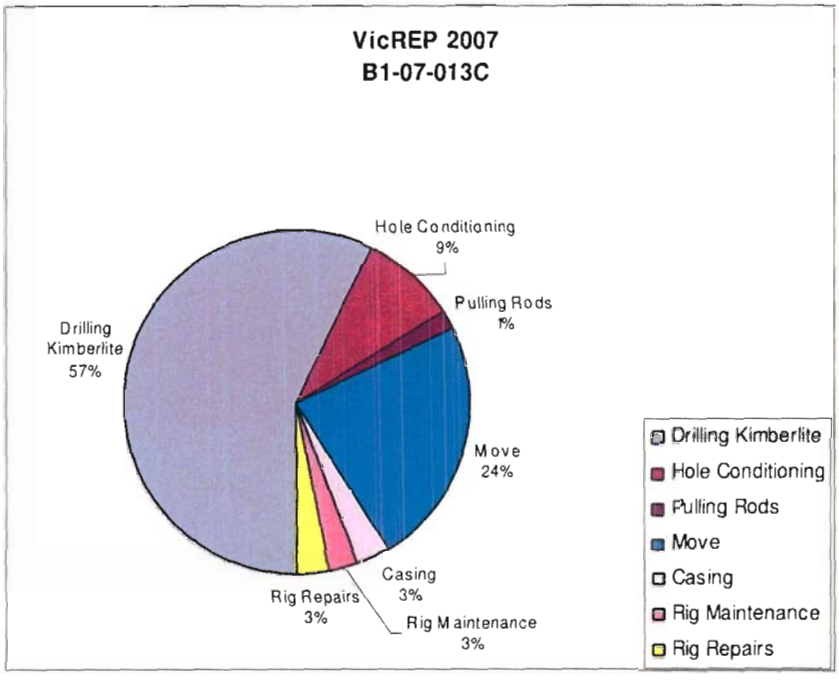
Predicted Base of Kimberlite: 250 m

Actual Base of Kimberlite: 210.00 m

Meters of Kimberlite Drilled: 201.94 m

Number of Core Boxes: 68

TIME MOTION CHART



The majority of time was spent on drilling kimberlite (57%) and moving the rig (24%). Hole conditioning (9%), rig repairs (3%), and rig maintenance (3%) were also significant due to poor drilling conditions in the deeper section of kimberlite. The overshot had to be repair and the bit to be changed.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: B1-07-013C | **Date Drilled: March 28-31, 2007**

Logged by: Gargi Mishra | **Date Logged: March 31-April 1, 2007**

Top of Kimberlite: 8.06 m | **EOH: 210.00 m**
Base of Kimberlite: 210.00 m

Summary Log

From	To	
0.00	8.06	Missing - Casing
8.06	82.97	Kimberlite
82.97	160.50	Kimberlite
160.50	163.30	Limestone
163.30	183.00	Kimberlite
183.00	210.00 (EOH)	Kimberlite mixed with limestone

Depth (m)

From	To	Description
0.00	8.06	Missing - Casing
8.06	82.97	Massive, light brown, volcaniclastic kimberlite. Matrix to clast-supported. Moderately sorted. Olivine altered to orange and to serpentine. Macrocrystic olivine show selvage at places. Average size of olivine is ~3-5mm. Abundance percentage of olivine more than 2mm in size is ~50 percent; total olivine abundance is ~70 percent. Macrocrystic olivine show intergrowth of ilmenite, cpx and garnet at places. Magmaclast are irregular and seen more commonly as selvage around country rock xenoliths. Limestone is more abundant than basement. Limestone xenoliths are angular and are unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are partially to completely altered. Garnets are purple and red in color and show selvage at places. Garnets are more commonly present. Ilmenite and cpx not seen so commonly. With depth grain size increases kimberlite appears more clast supported. From ~57.00 m depth onwards kimberlite is slightly weathered at places and rich in serpentine. Phlogopite mica is very common. Mantle xenoliths are seen rarely and altered generally. Mainly consist of cpx+garnet. Lower contact is irregular but distinct.
82.97	160.50	Massive, grey color, volcaniclastic kimberlite. Matrix to clast-supported. Moderately sorted. Kimberlite show bedding near upper contact. Olivine altered to serpentine and or fresh. Macrocrysts olivine show selvage at places. Average size of olivine is ~3-5mm. Abundance percentage of olivine more than 2mm is 40-50 percent; total olivine abundance is~70 percent. Olivine macrocrysts show intergrowth of garnet, ilmenite, and cpx at places. An autolith ~16 cm in length seen at 90.28 m depth. Phlogopite laths are common. Garnets are red, purple and orange in color and show kelyphytic rim at places. Ilmenite and cpx almost absent. Limestone country rock xenoliths are more abundant than basement. Limestone xenoliths are

		angular in shape and are unaltered to slightly altered in nature. Basement xenoliths are sub-angular in shape and are partially altered. Magmaclast are irregular to rounded and more commonly seen as selvage around country rock xenoliths. Near lower contact intense carbonatization seen. Lower contact is broken.
160.50	163.30	Massive limestone, weathered and broken and clayey at places. Lower contact is broken.
163.30	183.00	Massive, grey colour, volcaniclastic kimberlite. Matrix-supported, poorly sorted. Olivines are altered to serpentine. Macrocrystic olivine show selvage at places. Average size of olivine is fine to medium-grained. Percentage of olivine more than 2mm in size is 20 percent; total abundance percentage of olivine is ~60 percent. Magmaclast rounded to subrounded.At 172.20 m depth welding texture (?) seen. Subrounded magmaclast welded within limestone. From 174.00 m depth kimberlite is brecciated and is mainly consist of magmaclast and limestone xenoliths set in serpentine matrix. Magmaclast are as big as 10 cm. Average size of magmaclast is 10mm. From 174.87 to 183.00 m depth is weathered kimberlite. From 177-180 m depth no core recovery; drillers reported to hit a fault about 5ft of their run. A water seam reported at 77.00 m depth. Garnets are red, purple and orange in color and show kelyphytic rim at places. Ilmenite and cpx almost absent. Limestone xenoliths are more abundant than basement. Limestone xenoliths are angular and unaltered to slightly altered. Basement xenoliths are partially to completely altered. Lower contact is broken.
183.00	210.00 (EOH)	Massive kimberlite breccia mixed with limestone and limestone breccia at places. Olivine altered to serpentine. Average olivine size is fine-grained. Magmaclast are rounded to subrounded in shape. Limestone is angular. Clast-supported, poorly sorted. Garnet seen within magmaclast only. Percentage of country rock xenoliths varies from 40-60 percent. From 183.00 to 187.00 m depth is massive limestone, drillers' reported to cut water seam. From 187.00- 189.00 m depth is kimberlite breccia mixed with limestone. Slickensides very common. From 189.00 to 191.00 m depth is massive limestone. From 191.00 to 193.30 m depth is kimberlite breccia. From 193.30 to 193.96 m depth is massive limestone. From 196.96 to 199.10 m depth is kimberlite breccia. From 199.10 to 203.00 m depth is limestone with a small piece of kimberlite breccia. From 203.00 to 205.50 m depth is kimberlite breccia. From 205.50 to 210.00 m depth is kimberlite mixed with limestone. Both limestone and kimberlite is weathered and clayey and broken at places.

VicREP 2007:
Bravo1 Kimberlite Body

STRIP LOG: B1-07-013C

Easting	Northing	Elev	Azimuth	Dip	Depth
302175.8	5861299.2	87.3	76.6	-89.4	210.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 28, 2007
Hole End Date: March 31, 2007

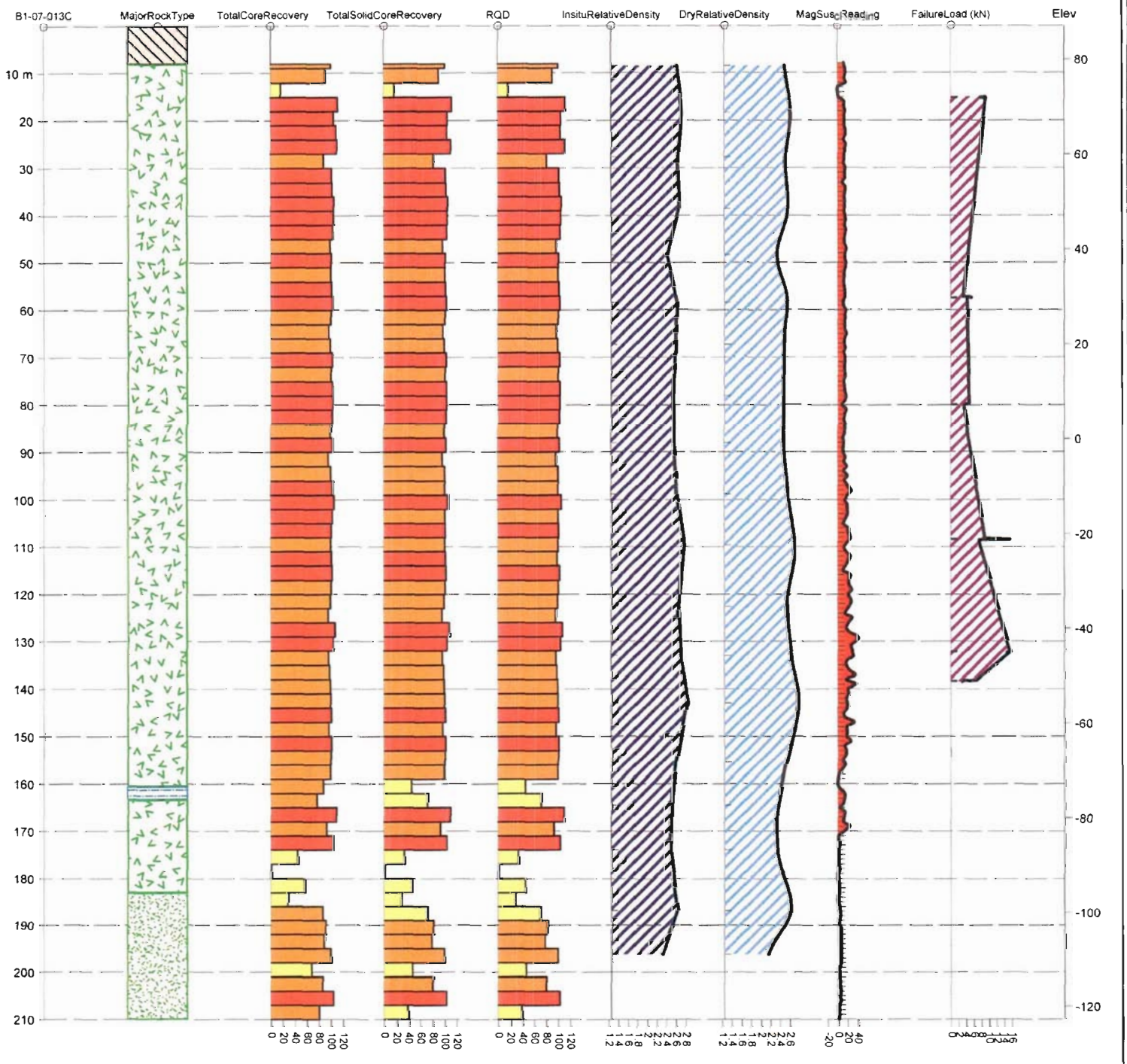
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
KB	Kimberlite breccia	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-008C**
Easting: 306958.482
NAD: NAD83
Survey (EOH): Dip: 89° Azimuth: 325.5°

Drilling Contractor: FORACO Inc.
Northing: 5854828.619
Zone: 17
Collar Elevation: 81.823 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 31 January 2007
Casing Bit: HWT Casing Bit
Casing Set to: 12 m
Casing left in Hole (yes/no): Yes, 12 m
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 17 March 2007
First Plug Depth: -
Number of Bags of Cement: -

Drilling Completed: 08 February 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): No
Total Number of Bags of Cement: -
Second Plug Depth: -
Number of Bags of Cement: -

Comments: Hole not cemented; cap was put on casing; casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 9.95 m

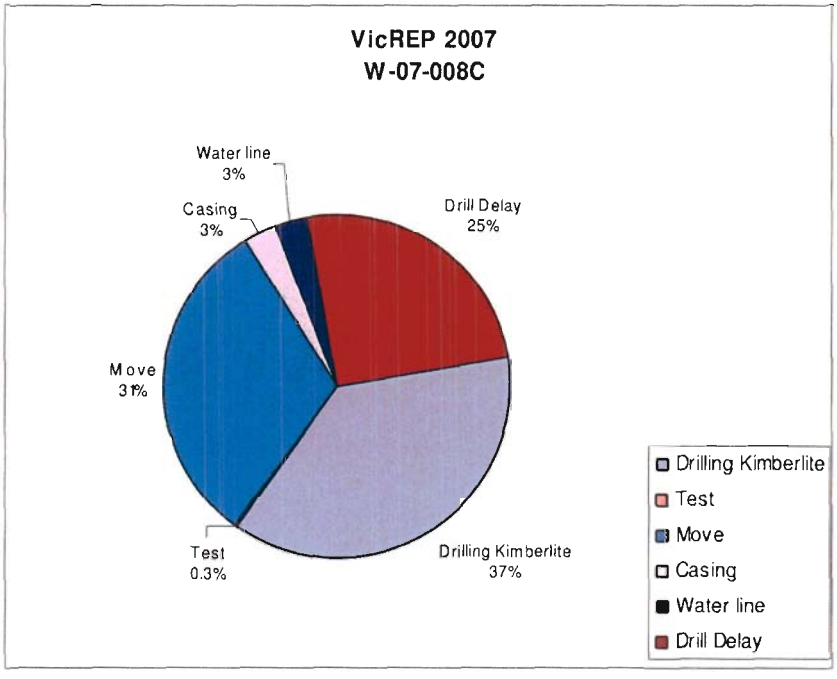
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 250.00 m

End of Hole (EOH): 250.00 m
EOH Lithology: Kimberlite

Meters of Kimberlite Drilled: 240.05 m
Number of Core Boxes: 89

Reason Hole Called: Reached target depth of 250m.
Comments: -

TIME MOTION CHART



Moving (31%), drilling kimberlite (37%), and drilling delay (25%) were the majority of elapsed time. The drill move included setting up of the 300 m waterline to the river. The drill delay was caused by a shortage of drilling personnel to operate both rigs. This was the first hole for LF70-2, and in the W-07-008C pie chart, the 312 rig mobilization hours at site were not included.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: W-07-008C | **Date Drilled: Jan 31-Feb 8, 2007**

Logged by: Sonya Chuchra | **Date Logged: Feb 6-9, 2007**

Top of Kimberlite: 9.95 m | **EOH: 250.00 m**
Base of Kimberlite: 250.00 m

Summary Log

From	To	
0.00	9.95	Missing - casing
9.95	123.00	Fine to medium grained volcaniclastic kimberlite
123.00	250.00 (EOH)	Fine to medium grained volcaniclastic kimberlite

Depth (m) From	To	Description
0.00	9.95	Missing - casing
9.95	123.00	This is a well preserved massive poorly sorted fragmental volcaniclastic kimberlite. The dominant grain size is coarse lapilli. The olivine is mostly fresh with some altered grains. The kimberlite is clast to matrix supported and the matrix is fresh with some serpentinization in parts. Total xenolith percentage is 7 to 10. Of that percentage, basement xenoliths comprise 40 percent relative to the 60 percent limestone xenoliths. Basement xenoliths are granitoids with black halos. Limestone xenoliths are massive and unaltered to completely altered. There are phlogopite macrocrysts present. Mantle xenoliths are mainly peridotite. CPX and Ilmenite are present. Garnet is rare and tends to be mauve. The contact is gradational over 1.5 m. 18.00 m: mantle xenolith 25.00 m: mantle xenolith 52.00 m: mantle xenolith 65.00 m: mantle xenolith 48.00-51.00 m: brecciated zone 67.00-71.00 m: vuggy carbonate veining 76.00 m: mantle xenolith 85.00 m: mantle xenolith 97.00 m: mantle xenolith 115.00 m: mantle xenolith
123.00	250.00 (EOH)	This is a massive poorly sorted fragmental volcaniclastic kimberlite. The dominant grain size is medium to coarse lapilli. The olivine is mostly fresh with some altered grains. The kimberlite is clast to matrix supported and the matrix is fresh with some serpentinization in parts. Total xenolith percentage is 15 to 20. Of that percentage, basement xenoliths comprise 340 percent relative to the 70 percent limestone xenoliths. Basement xenoliths are granitoids with black halos. Limestone xenoliths are massive and slightly altered to partly altered. There are phlogopite macrocrysts present. Mantle xenoliths are mainly peridotite. CPX and Ilmenite are present. Garnet is rare and tends to be mauve. Matrix serpentization increases with depth as do fractures and the amount of basement xenoliths.

Limestone xenoliths range from fresh to completely altered laths with some zoning. Large limestone xenoliths appear to have fossils and are pyritized. Juvenile pyroclasts are barely distinguishable from matrix. Carbonate veins are present. Sulphides and some hematite alteration starting at 202.50 m to the end of hole.
138.35 m: autolith
139.16 m: autolith

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-008C

Easting	Northing	Elev	Azimuth	Dip	Depth
306958.5	5854828.6	81.8	325.5	-89.0	250.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: January 31, 2007
Hole End Date: February 8, 2007

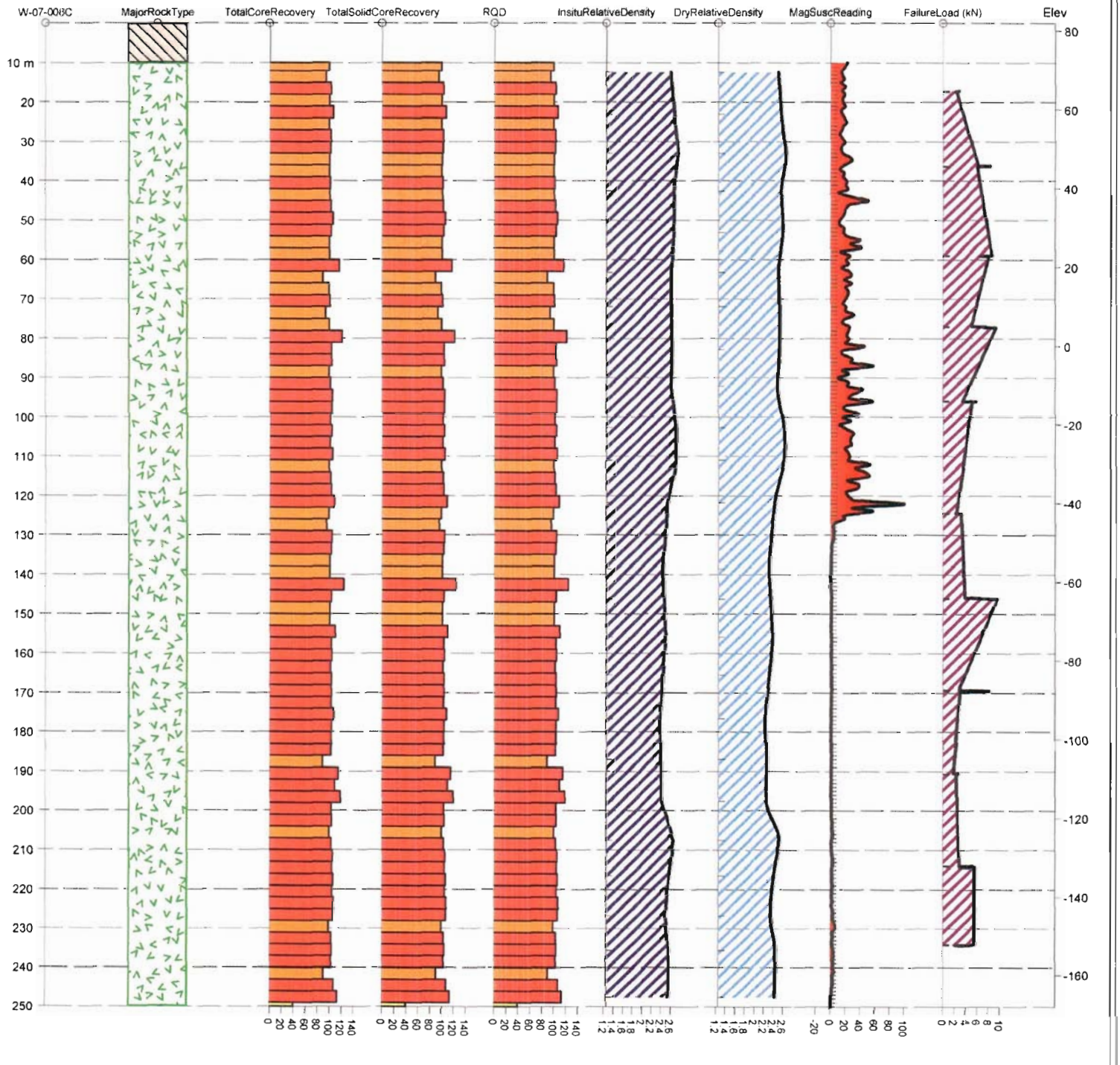
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-009C**
Drilling Contractor: FORACO Inc.
Easting: 306960.192
Northing: 5854835.472
NAD: NAD83
Zone: 17
Survey (EOH): Dip: 66.3° Azimuth: 48.7°
Collar Elevation: 81.621 m
Drill Rig Type: LF-70
Drill Rig Number: LF-2
Drilling Started: 21 February 2007
Drilling Completed: 22 February 2007
Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm
Casing Set to: 12 m
Bit Diameter (Hole Diameter HQ): 96 mm
Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm
Reason: -
Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes
Date of Abandonment: 26 May 2007
Total Number of Bags of Cement: 3
First Plug Depth: 13 m
Second Plug Depth: -
Number of Bags of Cement: 3
Number of Bags of Cement: -

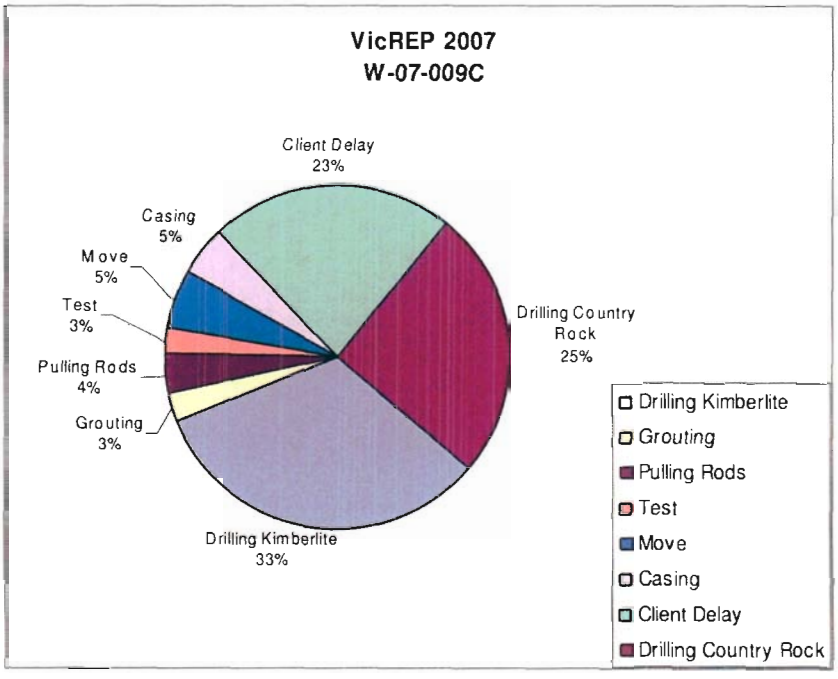
Comments: -

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: 100-150 m
Actual Top of Kimberlite: 12.00 m
Actual Base of Kimberlite: 82.20 m

End of Hole (EOH): 102.00 m
Meters of Kimberlite Drilled: 50.90 m
EOH Lithology: Limestone
Number of Core Boxes: 39

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (33%) or country rock (25%). A 9 hour client delay occurred (23%) waiting for the loader to assist in the move.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: W-07-009C | **Date Drilled: Feb 21-22, 2007**

Logged by: Sonya Chuchra | **Date Logged: Feb 23-24, 2007**

Top of Kimberlite: 12.00 m
Base of Kimberlite: 82.20 m | **EOH: 102.00 m**

Summary Log

From	To	
0.00	11.61	Missing – Casing
11.61	12.00	Overburden
12.00	82.20	Fine grained volcaniclastic kimberlite
82.20	102.00 (EOH)	Country Rock – limestone breccia

Depth (m) From	To	Description
0.00	11.61	Missing – Casing. NB: Driller cored casing.
11.61	12.00	There is muskeg and small pebbles of kimberlite intermixed with limestone
12.00	82.20	This bedded fine grained volcaniclastic kimberlite is fragmental, poorly to moderately sorted, and clast to matrix supported. Grains are randomly oriented. The dominant grain size ranges from fine to coarse lapilli. From 48.86 to 56.60 m, there is crude bedding that has an average thickness of 90 cm and ranges in thickness from 75 to 120 cm. Olivine represents 15 to 25 percent in the up to 56.60 m and then decreases to 1 to 3 percent after 75.90 m. From 75.90 to 82.20 m, olivine is mostly altered and the kimberlite is poorly preserved. Xenoliths represent 2 to 3 percent of the rock mass. Of the total xenoliths, limestone xenoliths represent 95 percent with the remaining 5 percent composed of basement xenoliths. Towards the bottom of the unit, limestone xenoliths decrease in proportion to basement xenoliths slightly. Limestone and basement xenoliths are partly to completely altered. Basement xenoliths tend to be granitoid. No mantle xenoliths were observed above 75.90 m. Juvenile pyroclasts are evident throughout and from 75.90 to 82.20 m, the texture becomes magmaclastic. Phlogopite is present. Carbonate and hematite veining are common. There is minor magnetite veining up to 48.86 m. The unit ranges in colour from Hue 10 Y 6/2 pale olive, 5GY 4/1 dark green grey, N7 light grey, N4 medium dark grey, 5Y 5/2 pale brown to 5G 6/1 greenish grey. The contact is sharp at an angle of 42 degrees to the core axis and occurs with limestone over 20 cm. 12.00-48.86 m: fine grained brown to grey matrix with spidery carbonate veining; mantle xenoliths exists throughout (peridotite and dunite) 53.40-54.17 m: rich concentration of clasts indicating possible bedding 56.60-75.90 m: limestone; not very competent; small amount of mudstone present; minor hematite alteration close to lower contact; carbonate veining

		present
82.20	102.00 (EOH)	The country rock is yellowish grey (5Y 8/1) to very light grey (N8). This is a well preserved limestone sandstone breccia. There are some areas that are heavily jointed and rubble zones are common. 87.00-102.00 m: fossils present

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-009C

Easting	Northing	Elev	Azimuth	Dip	Depth
306960.2	5854835.5	81.6	48.7	-66.3	102.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: February 21, 2007
Hole End Date: February 22, 2007

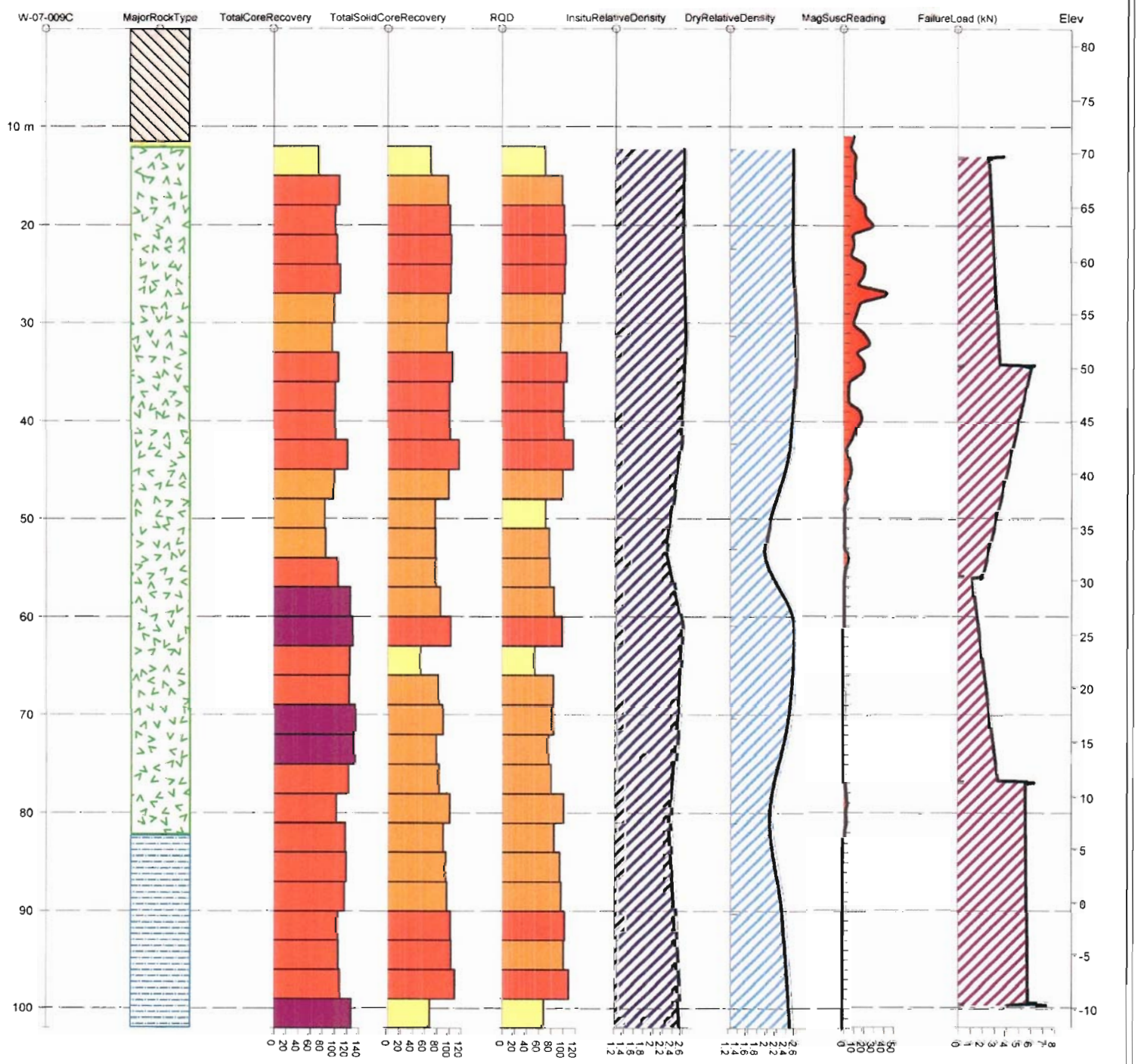
Rig Number: LF-2

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
OB	Overburden	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-010C**
Easting: 306956.376
NAD: NAD83
Survey (EOH): Dip: 45.8° Azimuth: 132.8°

Drilling Contractor: FORACO Inc.
Northing: 5854827.093
Zone: 17
Collar Elevation: 81.930 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 08 February 2007
Casing Bit: HWT Casing Bit
Casing Set to: 12 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 17 March 2007
First Plug Depth: 13 m
Number of Bags of Cement: 3

Drilling Completed: 12 February 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 12.11 m

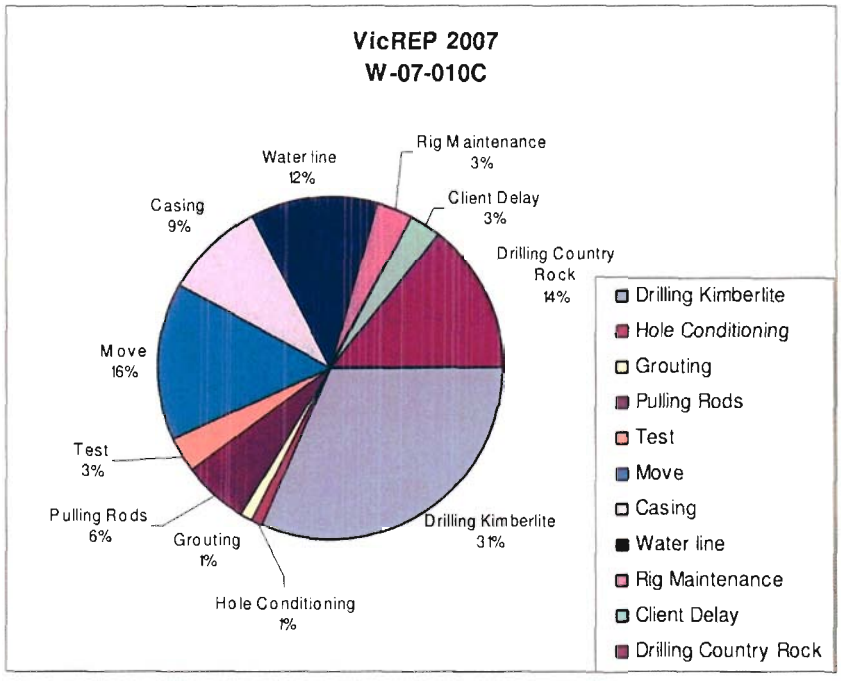
Predicted Base of Kimberlite: <=250 m
Actual Base of Kimberlite: 147.18 m

End of Hole (EOH): 171.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 135.07 m
Number of Core Boxes: 58

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (31%) or country rock (14%), moving (16%), and repairing the waterline (12%). There was a 3 hour client delay (3%) waiting for the loader to assist in the move.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: W-07-010C | **Date Drilled: Feb 8-12, 2007**

Logged by: Sonya Chuchra | **Date Logged: Feb 10-12, 2007**

Top of Kimberlite: 12.00 m | **EOH: 171.00 m**
Base of Kimberlite: 147.18 m

Summary Log

From	To	
0.00	12.00	Missing - Casing
12.00	45.00	Overburden
45.00	71.29	Fine to medium grained volcaniclastic kimberlite
71.29	94.00	Fine to medium grained volcaniclastic kimberlite
94.00	108.25	Fine to medium grained volcaniclastic kimberlite
108.25	144.50	Fine to medium grained volcaniclastic kimberlite
144.50	147.18	Very fine to fine grained volcaniclastic kimberlite
147.18	171.00 (EOH)	Country Rock – limestone breccia

Depth (m) From	To	Description
0.00	12.00	Missing - Casing
12.00	12.11	This overburden contains rounded limestone rubble.
12.11	45.00	The unit is a massive, fragmental, clast to matrix supported volcaniclastic kimberlite. Some sections are dominantly matrix supported. There is 60 percent medium grained kimberlite and 40 percent fine grained kimberlite. Grains are randomly oriented. Olivine grain sizes range from 0.25 to 15 mm. Olivine comprises 35 to 45 percent of the kimberlite. In the unit, olivine greater than 2 mm represents 10 to 15 percent. Olivine ranges from fresh to altered. The total xenolith abundance is 5 to 8 percent. Limestone comprises 98 percent of the total xenoliths compared to basement xenoliths which are the remaining 2 percent. Some limestone xenoliths are lath shaped and have zoning. Limestone xenoliths are slightly to completely altered whereas basement xenoliths are only partly altered. Phlogopite is present. The contact is gradational. The colour is yellow grey 5Y 7/Z to olive grey 5Y 5/2. There is carbonate and magnetite veining.
45.00	71.29	This is a massive poorly sorted fragmental volcaniclastic kimberlite. The dominant grain size is medium lapilli. There is 60 percent medium grained kimberlite and 40 percent fine grained kimberlite. The olivine is mostly fresh with some altered grains. The kimberlite is clast to matrix supported and the matrix has a mottled appearance after 50.00 m possibly due to magnetite veining. Total xenolith percentage is 5 to 8. Limestone xenoliths are slightly altered to partly altered. Some have zoning present and a few are lath shaped. Phlogopite is present. Mantle xenoliths are mainly peridotite with a few clinopyroxenite. Garnet, CPX and Ilmenite are present. Garnets tend to be mauve. There a few large juvenile pyroclasts, and

autoliths are present. Carbonate and magnetite veins are present. The colour ranges from dark green grey 5G 4/1 to light olive grey 5Y 5/2. The minerals are partly preserved compared to the overall texture which is well preserved. The contact is gradational.

32.96 m: autolith
35.15 m: autolith
35.72 m: autolith
50.15 m: peridotite
55.86 m: clinopyroxenite
59.12 m: clinopyroxenite
62.25 m: peridotite

71.29 94.00 The unit is a massive, fragmental, clast to matrix supported volcaniclastic kimberlite. There is 20 percent medium grained kimberlite and 80 percent fine grained kimberlite. Grains are randomly oriented. Olivine grain sizes range from 0.25 to 5 mm. Olivine comprises 50 percent of the kimberlite. In the unit, olivine greater than 2 mm represents 3 percent. Olivine is fresh. The total xenolith abundance is 3 to 5 percent. Limestone is slightly to completely altered. Phlogopite is present. Garnet is mostly mauve. The contact is gradational. The colour is light grey N7. The minerals are partly preserved compared to the overall texture which is well preserved. There is carbonate veining.

84.46 m: joint with slickensides and clay material
85.00 m: peridotite
89.90 m: peridotite
92.10 m: dunite

94.00 108.25 The unit is a massive, fragmental, clast to matrix supported volcaniclastic kimberlite. Some sections are dominantly matrix supported. There is 70 percent medium grained kimberlite and 30 percent fine grained kimberlite. Grains are randomly oriented. Olivine grain sizes range from 0.25 to 3 mm. Olivine comprises 40 to 50 percent of the kimberlite. In the unit, olivine greater than 2 mm represents 3 percent. Olivine ranges from fresh to altered. The total xenolith abundance is 3 to 5 percent. Limestone xenoliths are slightly to completely altered. Some limestone xenoliths are heavily zoned and altered from greenish to black. Mantle xenoliths, juvenile pyroclasts, autoliths and phlogopite are present. The contact is gradational. The colour is dark green grey 5G 4/1 to light olive grey 5Y 5/2. The majority of garnets are mauve. There is heavy carbonate and magnetite veining which gives the core a mottled appearance similar to the top kimberlite unit.

100.83 m: peridotite
100.96 m: autolith
102.77 m: autolith
104.24 m: autolith
104.40 m: autolith
105.06 m: peridotite

108.25 144.50 The unit is a poorly sorted, massive, fragmental, clast to matrix supported volcaniclastic kimberlite. There is 30 percent medium grained kimberlite and 70 percent fine grained kimberlite. The matrix is serpentinized. Grains are randomly oriented. Olivine grain sizes range from 0.25 to 5 mm. Olivine comprises 40 to 50 percent of the kimberlite. In the unit, olivine greater

than 2 mm represents 5 to 10 percent. Olivine is fresh to altered, and the larger grains of olivine are more altered. The total xenolith abundance is 8 to 10 percent. Limestone is slightly to completely altered. The contact is gradational. The colour is dark green grey 5G 4/1 to light olive grey 5GY 4/1. There is a decrease in size and abundance of garnet. The minerals are partly preserved compared to the overall texture which is well preserved. There is carbonate veining and some spidery magnetite veins.

121.49 m: load structure in kimberlite
112.68 m: autolith
114.75-117.00 m: large 2.25 m limestone xenolith
117.89 m: peridotite
119.90 m: subangular milky pink grains with CPX intergrowth present
121.00 m: peridotite
121.48 m: peridotite
125.45 m: peridotite
125.81 m: autolith
126.10 m: autolith
126.16 m: peridotite
128.68 m: peridotite
132.08 m: peridotite
135.29 m: autolith
135.95 m: peridotite
139.09 m: autolith
140.77 m: peridotite
141.30 m: autolith

144.50 147.18 The unit is a massive, fragmental, clast to matrix supported volcaniclastic kimberlite. Some sections are dominantly matrix supported. There is 70 percent very fine grained kimberlite and 30 percent fine grained kimberlite. Grains are randomly oriented. The matrix is serpentinized. Olivine grain sizes range from 0.25 to 2 mm. Olivine comprises 50 percent of the kimberlite. In the unit, olivine greater than 2 mm represents 2 percent. Olivine is mainly fresh, but it tends to be altered near the contact. The total xenolith abundance is 2 to 5 percent. Limestone xenoliths are slightly to partly altered. Some limestone xenoliths are have needles forming. Mantle xenoliths were not observed. Juvenile pyroclasts, sulphides and phlogopite are present. The contact is sharp at an angle of 40 degrees relative to the core axis. There are fewer garnet and CPX present. The colour is medium light grey N6 to olive grey 5Y 3/2. The majority of garnets are mauve. There is carbonate veining.

146.50-147.15 m: near contact; lots of crumbly brown material similar to gouge; olivine much more altered here
155.00 m: large serpentine/carbonate vein

147.18 171.00 (EOH) The country rock is a massive limestone breccia that is yellowish grey 5Y 8/1 to very light grey N8. limestone breccia

156.00-166.00 m: minor mudstone clasts
168.00-169.00 m: sandstone present
166.50-167.00 m: fossils found

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-010C

Easting	Northing	Elev	Azimuth	Dip	Depth
306956.4	5854827.1	81.9	132.8	-45.8	171.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: February 8, 2007
Hole End Date: February 12, 2007

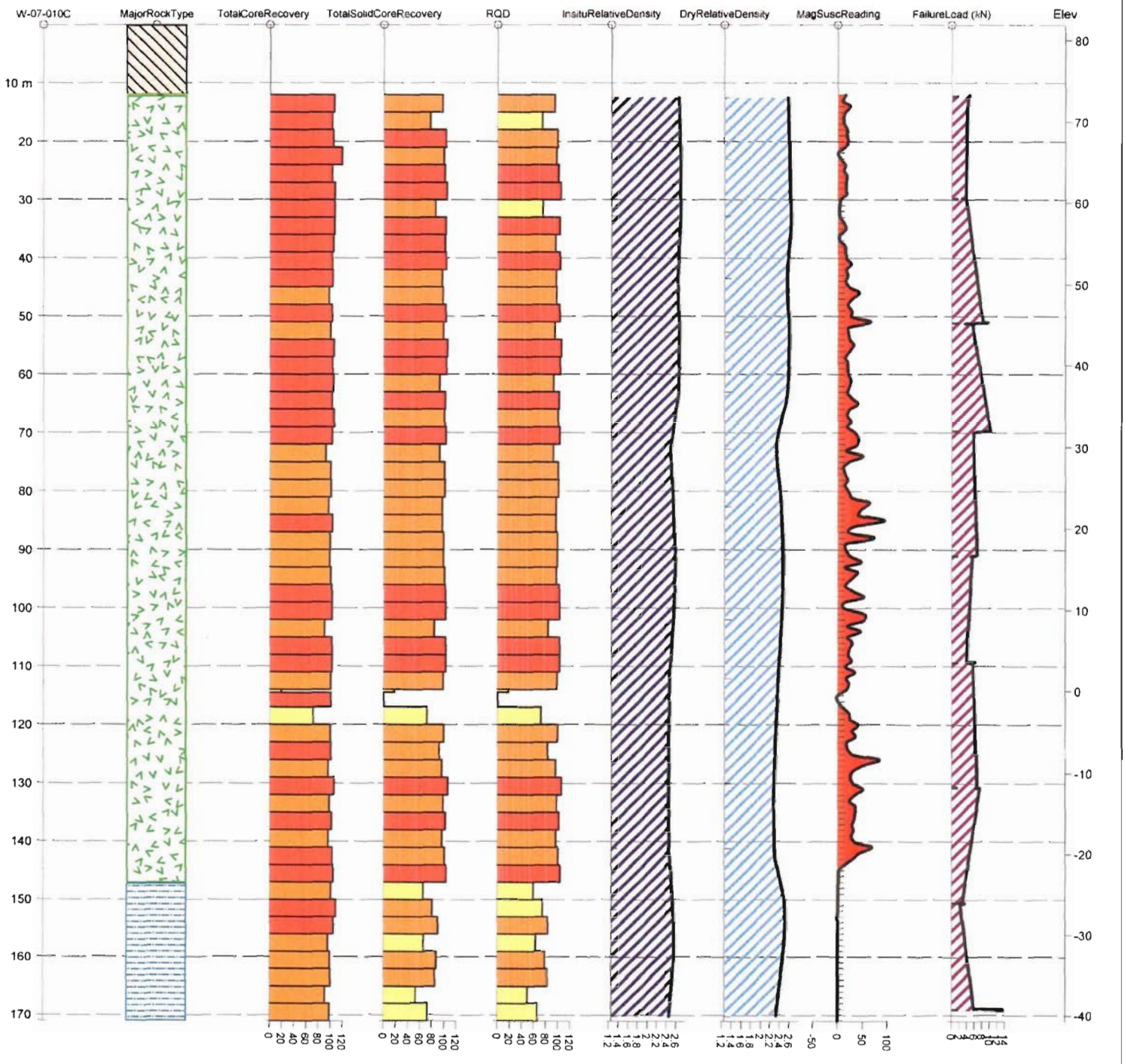
Rig Number: LF-2

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-011C**
Easting: 306957.085
NAD: NAD83
Survey (EOH): Dip: 65.6° Azimuth: 207.1°
Drill Rig Type: LF-70
Drilling Started: 12 February 2007
Casing Bit: HWT Casing Bit
Casing Set to: 7 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 17 March 2007
First Plug Depth: 11 m
Number of Bags of Cement: 3

Drilling Contractor: FORACO Inc.
Northing: 5854828.434
Zone: 17
Collar Elevation: 81.919 m
Drill Rig Number: LF-2
Drilling Completed: 15 February 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm
Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

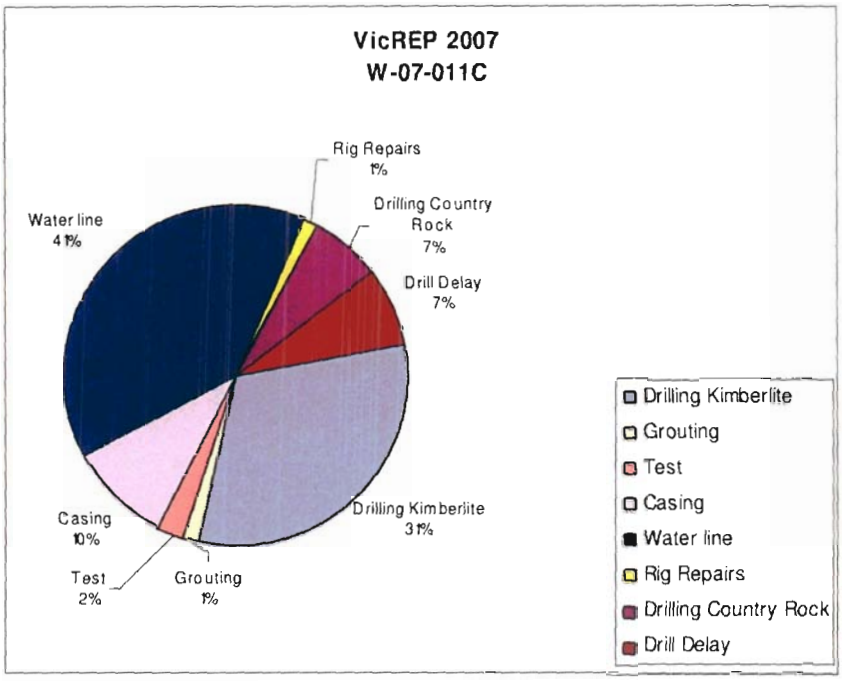
Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 7.08 m
End of Hole (EOH): 147.00 m
EOH Lithology: Limestone

Predicted Base of Kimberlite: ~200 m
Actual Base of Kimberlite: 123.00 m
Meters of Kimberlite Drilled: 115.92 m
Number of Core Boxes: 53

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (31%) or country rock (7%), and repairing the waterline (41%). Rig repairs (1%) included installing a new coil burner and repairing a leak at the pump shack. There was a 6 hour drill delay (7%) as there was a shortage of drill personnel to run both rigs.

Project: VicREP 2007

Core Size: HQ

Drill Hole: W-07-011C

Date Drilled: Feb 12-15,2007

Logged by: Sonya Chuchra

Date Logged: Feb 15,2007

Top of Kimberlite: 7.08 m

Base of Kimberlite: 171.00 m

EOH: 171.00 m

Summary Log

From	To	
0.00	7.00	Missing - Casing
7.00	7.08	Overburden
7.08	18.72	Coarse grained kimberlite
18.72	33.00	Coarse grained kimberlite
33.00	52.80	Coarse grained kimberlite
52.80	77.00	Medium grained kimberlite
77.00	117.19	Fine grained kimberlite
117.19	123.00	Fine grained kimberlite
123.00	147.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	7.00	Casing
7.00	7.08	Overburden, limestone.
7.08	18.72	Coarse to medium grained kimberlite. Matrix clast supported. Olivine are slightly to completely altered and or fresh. Abundance percentage of olivine is 50-60 percent. JPs present often with LMST or OLI nucleus and quite rounded. A few large ones present (13.10m). Mantle xenoliths are seen at places, mostly cpx. Limestone xenoliths are in majority and are sub angular to subrounded and show some zoning. Autoliths seen, average size range from 3-5 mm and seen at 15.50 m, 15.76m and 16.07 m depth. Phlogopite present, some large macrocrysts seen. Magnetite veining seen at places. Lower contact is gradational.
18.72	33.00	Massive, coarse to medium grained kimberlite. Olivine generally fresh and finer than upper unit. Matrix supported. Abundance percentage of olivine is approximately 60 percent. JPs present throughout section, some quite large, mostly rounded with limestone and olivine core. Xenoliths of limestone are more abundant in comparison to above unit and are larger in size and zoned. Large mantle xenolith of peridotite seen at 18.72 m, 27.20 m ,30.00 and 31.30 m depth. Cpx are more abundant than ilmenite and garnet. Autoliths present, sizes varies, smaller ones seen throughout unit at various depths. Larger autoliths seen at 21.94 m, 23.86 m, 25.06m depth. Phlogophite laths seen at places some large macrocrysts present. Minor magnetite veining seen at places. Lower contact is gradational.
33.00	52.80	Massive, coarse to medium grained kimberlite. Olivines are highly altered in comparison to previous section and some are altered to red color. Abundance percentage of olivine is approximately 60-70 percent.

		Abundance percentage of olivine more than 2mm is approximately 40-50 percent. Clast to matrix supported. Limestone xenoliths are more abundant than basement. Limestone xenoliths are more altered. Large limestone xenolith seen at 38.40 m depth with kimberlite inclusions and magnetite veining. Small autoliths seen throughout the section starting from approximately 33.23 m depth. Mantle xenoliths seen in lower section majority of them are peridoitite seen at 49.21m, 50.60 m, 50.90 m and 52.70 m depth. Slightly more indicators seen than previous section, CPX>ILM>GAR in order of abundance. JPs present throughout section, some quite large, majority of them have olivine or country rock xenoliths cores. Minor carbonate veining and minor magnetite veining seen. Lower contact is gradational.
52.80	77.00	Massive, volcanoclastic grey color kimberlite. Medium grained kimberlite, grain size gradually getting smaller from last section. Olivines are altered and fresh and have cracked appearance. Matrix highly serpentinised. Clast to matrix supported. Abundance percentage of olivine is approximately 50-60 percent. Abundance of olivine more than 2mm in size is approximately 25-35 percent. Kimberlite is less competent after 72m of depth. Xenolith content increases slightly down section. Basement and mantle xenoliths are seen more common after approximately 67 m depth. JPs present throughout section. Lower contact is gradational.
77.00	117.19	Massive, volcanoclastic kimberlite. Fine to medium grained kimberlite.Very crumbly kimberlite in mid-section, alteration (?). Olivine abundance percentage is approximately 10 percent and abundance of olivine more than 2mm in size is 3 percent. Basement and mantle xenoliths are common throughout the sections. Large autoliths present, some are very altered and crumbly. From 114.00 to 117.19 m depth is transition zone from grey color kimberlite to brownish color and heavier carbonate veins. JPs abundant throughout section. Lower contact is gradational.
117.19	123.00	Serpentinized, finer grained kimberlite with spidery carbonate veins running through section minor sulphides present. Abundant magmaclasts with very little olivine present. Abundance percentage of olivine is 3-5 percent and abundance of olivine more than 2mm in size is 1 percent. Autoliths and mantle xenoliths present but are very small and altered. Large xenoliths present. Ilmenite most common followed by cpx and garnet. Phlogopite present. From 122.86 m is contact zone highly weathered and dipping at 30 degree.
123.00	147.00 (EOH)	Brecciated limestone with sandstone and mudstone. Fossil present (crinoids stems/brachiopods).Many rubble zones present, not very competent rock. From 143.09 m onwards pure limestone with very minor amount of mudstone. Thin bedding evident just before end of hole.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-011C

Easting	Northing	Elev	Azimuth	Dip	Depth
306957.1	5854828.4	81.9	0.0	-90.0	147.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: February 12, 2007
Hole End Date: February 15, 2007

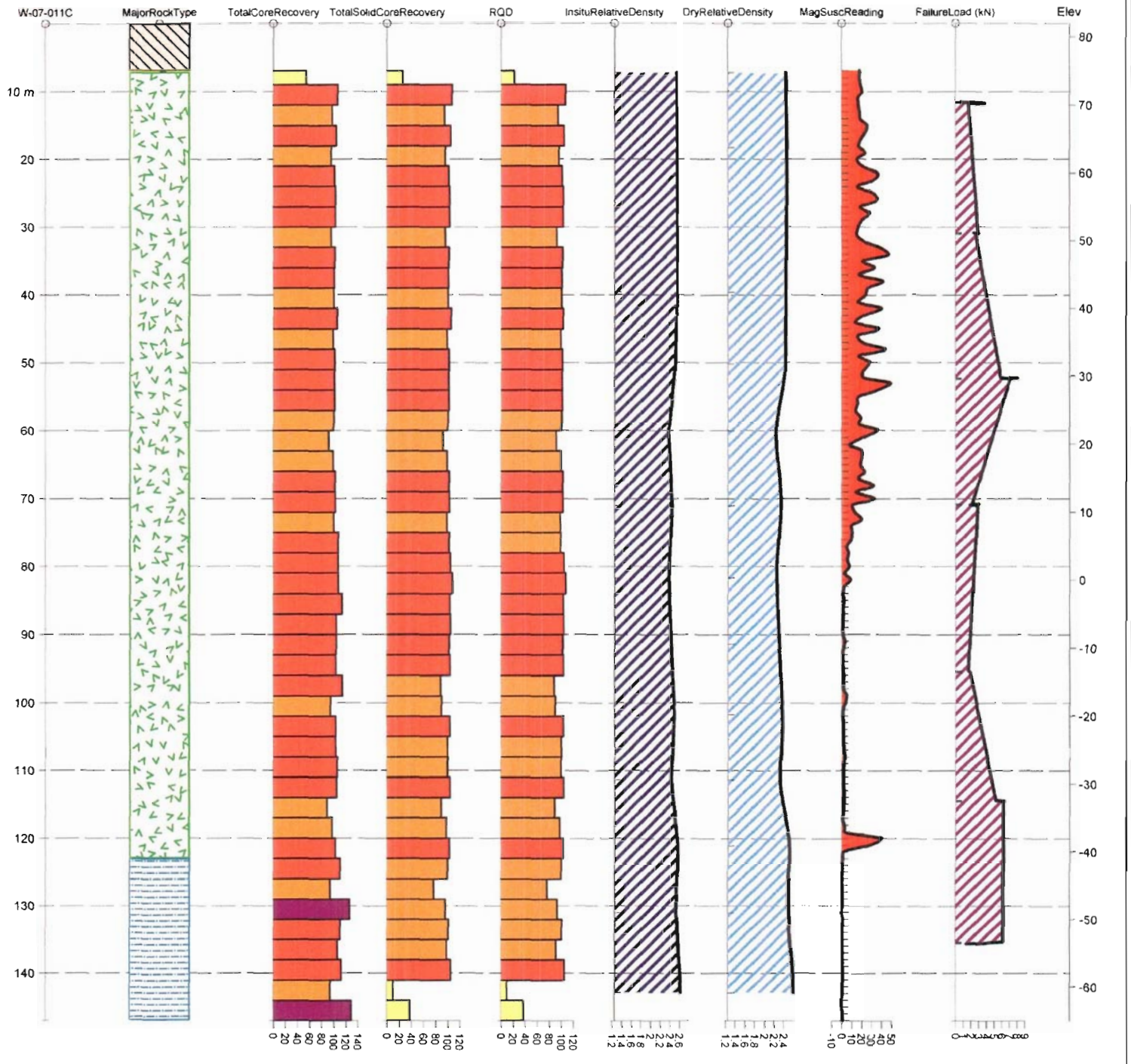
Rig Number: LF-2

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
OB	Overburden	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-012C**
Drilling Contractor: FORACO Inc.
Easting: 306957.520
Northing: 5854832.093
NAD: NAD83
Zone: 17
Survey (EOH): Dip: 66.2° Azimuth: 310.6°
Collar Elevation: 81.805 m
Drill Rig Type: LF-70
Drill Rig Number: LF-2
Drilling Started: 15 February 2007
Drilling Completed: 21 February 2007
Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm
Casing Set to: 10 m
Bit Diameter (Hole Diameter HQ): 96 mm
Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm
Reason: -
Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes
Date of Abandonment: 17 March 2007
Total Number of Bags of Cement: 3
First Plug Depth: 11 m
Second Plug Depth: -
Number of Bags of Cement: 3
Number of Bags of Cement: -

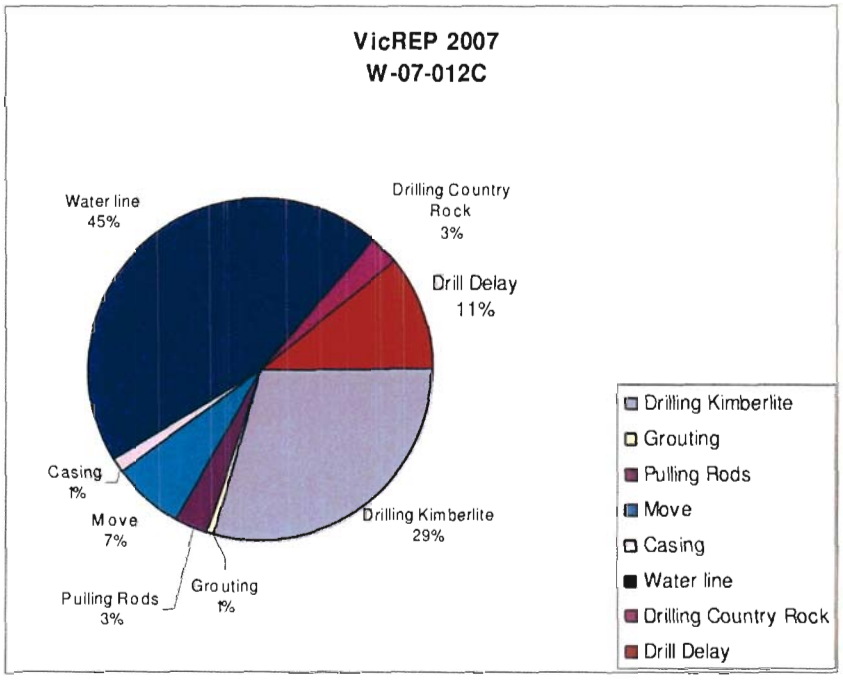
Comments: -

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: 100-150 m
Actual Top of Kimberlite: 10.16 m
Actual Base of Kimberlite: 194.00 m

End of Hole (EOH): 212.00 m
Meters of Kimberlite Drilled: 183.84 m
EOH Lithology: Limestone
Number of Core Boxes: 74

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (29%) or drilling country rock (3%), and repairing the waterline (45%). The waterline froze because the carburetor was freezing, and 61 hours was spent repairing and monitoring the waterline. There was a 14.5 hour drill delay (7%) as there was a shortage of drill personnel to run both rigs.

Project: VicREP 2007

Core Size: HQ

Drill Hole: W-07-012C

Date Drilled: Feb 15-21, 2007

Logged by: Sonya Chuchra

Date Logged: Feb 19-21, 2007

Top of Kimberlite: 10.16 m

Base of Kimberlite: 194.00 m

EOH: 212.00 m

Summary Log

From	To	
0.00	10.00	Missing - Casing
10.00	10.16	Overburden
10.16	17.50	Medium to fine grained kimberlite
17.50	37.00	Fine to medium grained kimberlite
37.00	103.50	Fine to medium grained kimberlite
103.50	143.00	Medium to fine grained kimberlite
143.00	185.00	Fine to medium grained kimberlite
185.00	194.00	Fine grained kimberlite
194.00	212.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	10.00	Casing.
10.00	10.16	Overburden, small limestone boulders.
10.16	17.50	Massive, volcanoclastic, medium to fine grained kimberlite. Olivine slightly to partially altered. Abundance percentage of olivine is approximately 45-55 percent. Abundance percentage of olivine more than 2 mm is 10-20 percent. Mantle xenoliths present throughout the section and mostly consist of 95 percent cpx. One large mantle xenolith seen at 13.75 m depth. Small autoliths present throughout the section. Basement xenoliths range in size from 1-4 cm. Garnet is less common than ilmenite and cpx. JPs are abundant usually with olivine or limestone core. Phlogopite present. Magnetite veins seen throughout the section. Lower contact is gradational.
17.50	37.00	Massive, volcanoclastic, fine to medium grained kimberlite. Matrix is more serpentinized than previous unit. Fewer altered olivine than previous unit. Abundance percentage of olivine is approximately 30-40 percent and abundance of olivine more than 2mm is 2-9 percent. Matrix is finer grained. Kimberlite has slightly different appearance starting from 29.00m depth where heavier magnetite/carbonate veining occurs more commonly, basement xenoliths are more common after this depth. Autoliths common throughout the section, larger autolith seen at 28.85 m, 32.00 m and 33.00 m depth. Larger mantle xenolith seen at 33.10 m depth. Smaller mantle xenolith occurs throughout the section. JPs are abundant usually with olivine or limestone core. Phlogopite present. Minor spidery carbonate veins, much of veining appears parallel to core axis. Some magnetite veining seen. Lower contact is gradational.
37.00	103.50	Massive, volcanoclastic fine grained kimberlite. Matrix heavily serpentinized and has waxy texture. Olivines are smaller in size.

		Abundance percentage of olivine is approximately 10 percent. Abundance of olivine more than 2mm in size is approximately 1-2 percent. Kimberlite becomes more competent after approximately 76m of depth. Phlogophite present. Xenoliths are less altered than upper unit and are coarse in size. Autoliths are less common and appear more altered. Large autoliths seen at 62.55 m, 67.34 m 74.64 m 81.80 m 82.18 m and 85.23 m depth. Large limestone xenoliths seen at 90.40 m depth. Large mantle xenolith seen at 44.25 m depth. Garnet and ilmenite are smaller in size. Carbonate veining increase with depth. Lower contact is gradational.
103.50	143.00	Massive, fine grained, brown colored matrix (color changes from brown to grey throughout section) kimberlite. Larger grains of olivine present and altered differently (opaque green color-serpentine?). Olivine abundance percentage is approximately 40-50 percent. Abundance of olivine more than 2mm in size is approximately 5-7 mm. Olivine are fresh in grey section and are altered in brown kimberlite. Limestone xenoliths are altered and show zoning. Basement xenoliths seen. Autoliths are small in size. Mantle xenoliths seen at 105.80 m depth and 125.34 m Fewer indicator minerals than previous units. Sulphides present. Spidery carbonate veins and magnetite veining present. Lower contact is gradational.
143.00	185.00	Massive, volcanoclastic, fine to medium grained kimberlite. Olivine are fresh are completely altered. Abundance percentage of olivine is approximately 30-40 percent. Abundance of olivine more than 2mm in size is approximately 3-5 percent. Color varies from grey to light brown to dark brown in color. Limestone xenoliths altered and more abundant than basement. Minor mantle xenoliths seen. Indicators are very rare. JPs are common. Sulphides present Minor carbonate vein seen. Phlogophite is present. Cemented joints seen throughout the unit. Lower contact is gradational.
185.00	194.00	Massive, volcanoclastic, fine grained kimberlite. Olivine altered to fresh. Abundance percentage of olivine is approximately 15-25 percent. Abundance percentage of olivine more than 2mm is size is approximately 1-2 percent. Matrix is fine grained. Xenoliths are low in concentration and are fresh. Mantle xenoliths are common throughout the unit. Indicators are rare. JPs present throughout the unit. Phlogopite present. Cemented joints seen throughout the unit. Carbonate and magnetite veins seen throughout the unit. Lower contact is gradational.
194.00	212.00 (EOH)	Brecciated limestone. Includes units of fine grained sandstone and small amount of mudstone. Thin bedding seen. Rubble zone common. From 205.38 m onwards bedded limestone with greenish clay.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-012C

Easting	Northing	Elev	Azimuth	Dip	Depth
306957.5	5854832.1	81.8	310.6	-66.2	212.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: February 15, 2007
Hole End Date: February 21, 2007

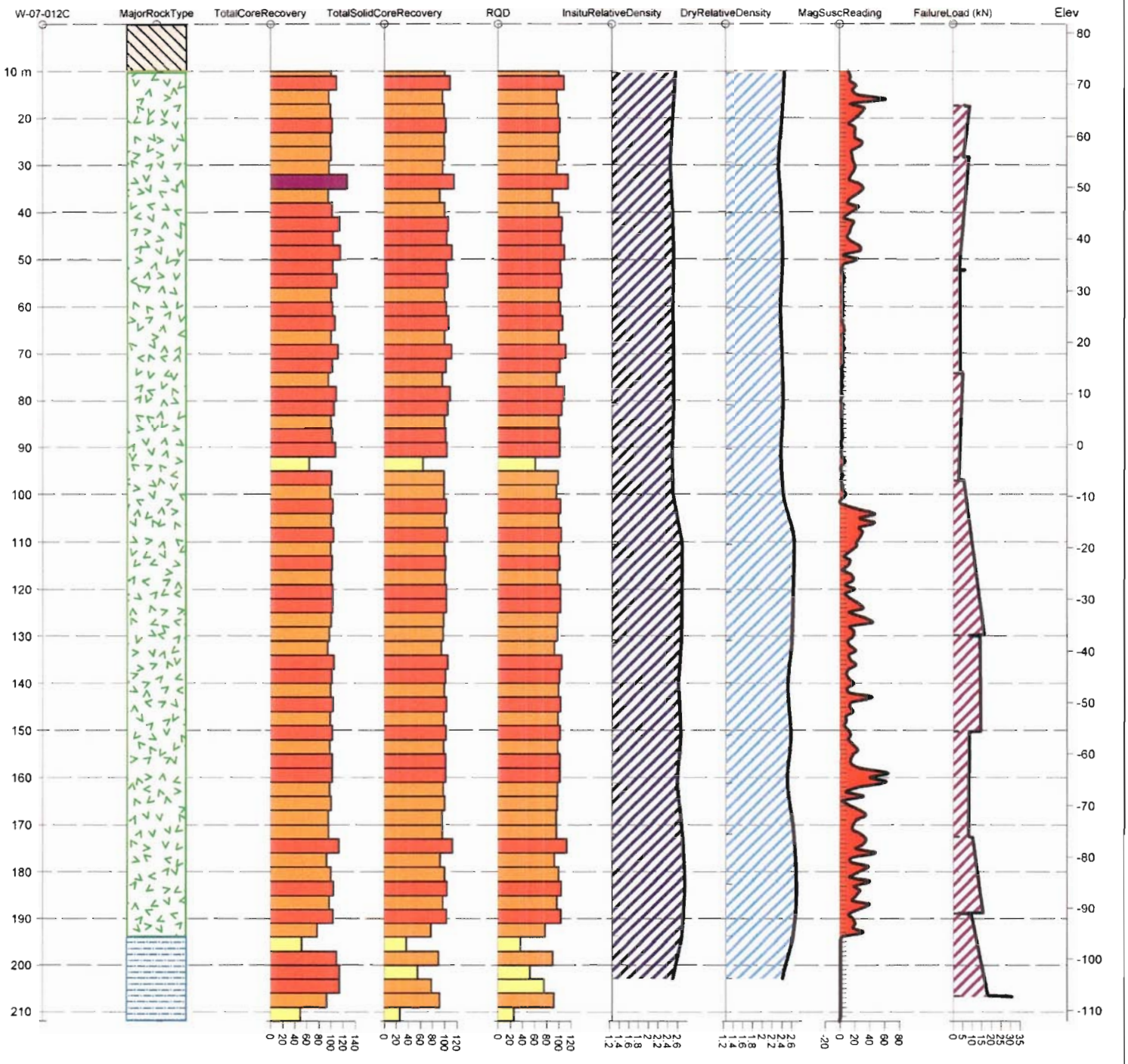
Rig Number: LF-2

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
OB	Overburden	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-013C**
Easting: 307010.699
NAD: NAD83
Survey (EOH): Dip: 89.1° Azimuth: 265.2°

Drilling Contractor: FORACO Inc.
Northing: 5854827.952
Zone: 17
Collar Elevation: 81.723 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 10 March 2007
Casing Bit: HWT Casing Bit
Casing Set to: 7.5 m
Casing left in Hole (yes/no): Yes, 7.5 m
Reason: -
Rods Pulled (yes/no): yes
Date of Abandonment: 17 March 2007
First Plug Depth: 8 m
Number of Bags of Cement: 3

Drilling Completed: 14 March 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: Casing left in hole plus HQ bit, shell and core barrel

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 7.50 m

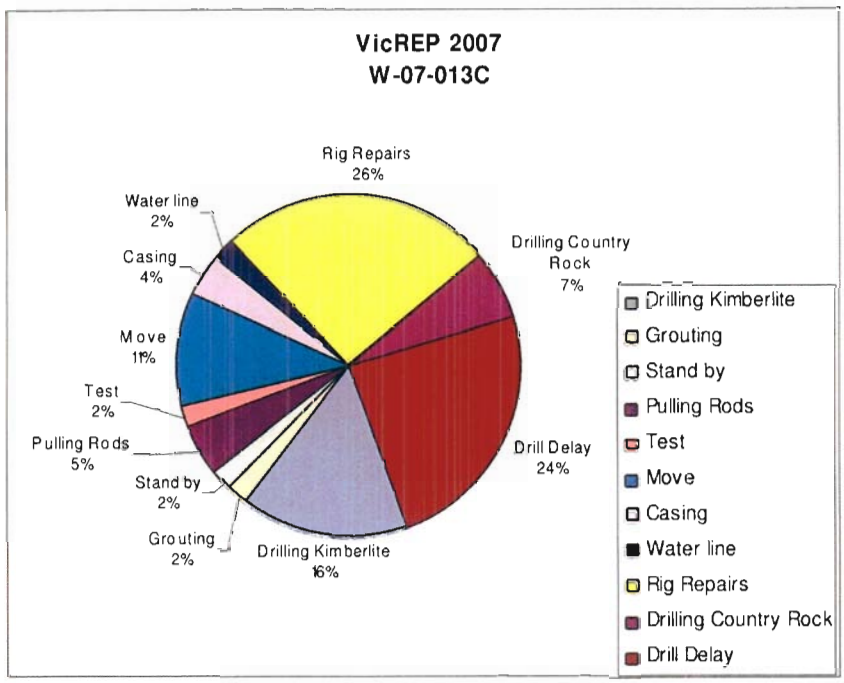
Predicted Base of Kimberlite: 150-200 m
Actual Base of Kimberlite: 78.41 m

End of Hole (EOH): 114.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 70.91 m
Number of Core Boxes: 43

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of elapsed time was spent on drill delays (24%) and rig repairs (26%). Rig repairs included repairs to the oil cooler, transmission seal, water hose line. Pulling rods (5%) took 5 hours, which included an attempt to recover the core barrel and drill bit. However, both the core barrel and the drill bit were lost due to cave in. There was 24 hour drill delay as there was a shortage of drill personnel to run both rigs.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole:W-07-013C | **Date Drilled: March 10-14, 2007**

Logged by: Gargi Mishra | **Date Logged: March 14, 2007**

Top of Kimberlite: 7.50 m | **EOH: 114.00 m**
Base of Kimberlite: 78.41m

Summary Log

From	To	
0.00	7.50	Missing
7.50	78.41	Kimberlite
78.41	114.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	7.50	Overburden ,not cored
7.50	78.41	Massive, fine to medium grained, grey green color kimberlite. Olivines are altered and are fresh at places. Abundance percentage of olivine is approximately 70 percent; abundance of olivine more than 2mm in size is approximately 40 percent. Average size of olivine is fine to medium grained. Juvenile magmaclast are more concretionary in nature. Clast to matrix supported. Cpx are most abundant followed by ilmenite and garnet. Order of coarseness is cpx>ilmenite>cpx. Country rock xenoliths of limestone are most abundant. Limestone xenoliths are unaltered to slightly altered and show selvage at places. Garnet are red, purple in color. Lower contact is broken.
78.41	114.00 (EOH)	Massive buff color limestone. From 99.0 to 102.60 m depth is clayey weathered kimberlite present mix with limestone. From 99.0 to 102.60 m depth is zone of 90% core loss.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-013C

Easting	Northing	Elev	Azimuth	Dip	Depth
307010.7	5854828.0	81.7	265.2	-89.1	114.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 10, 2007
Hole End Date: March 14, 2007

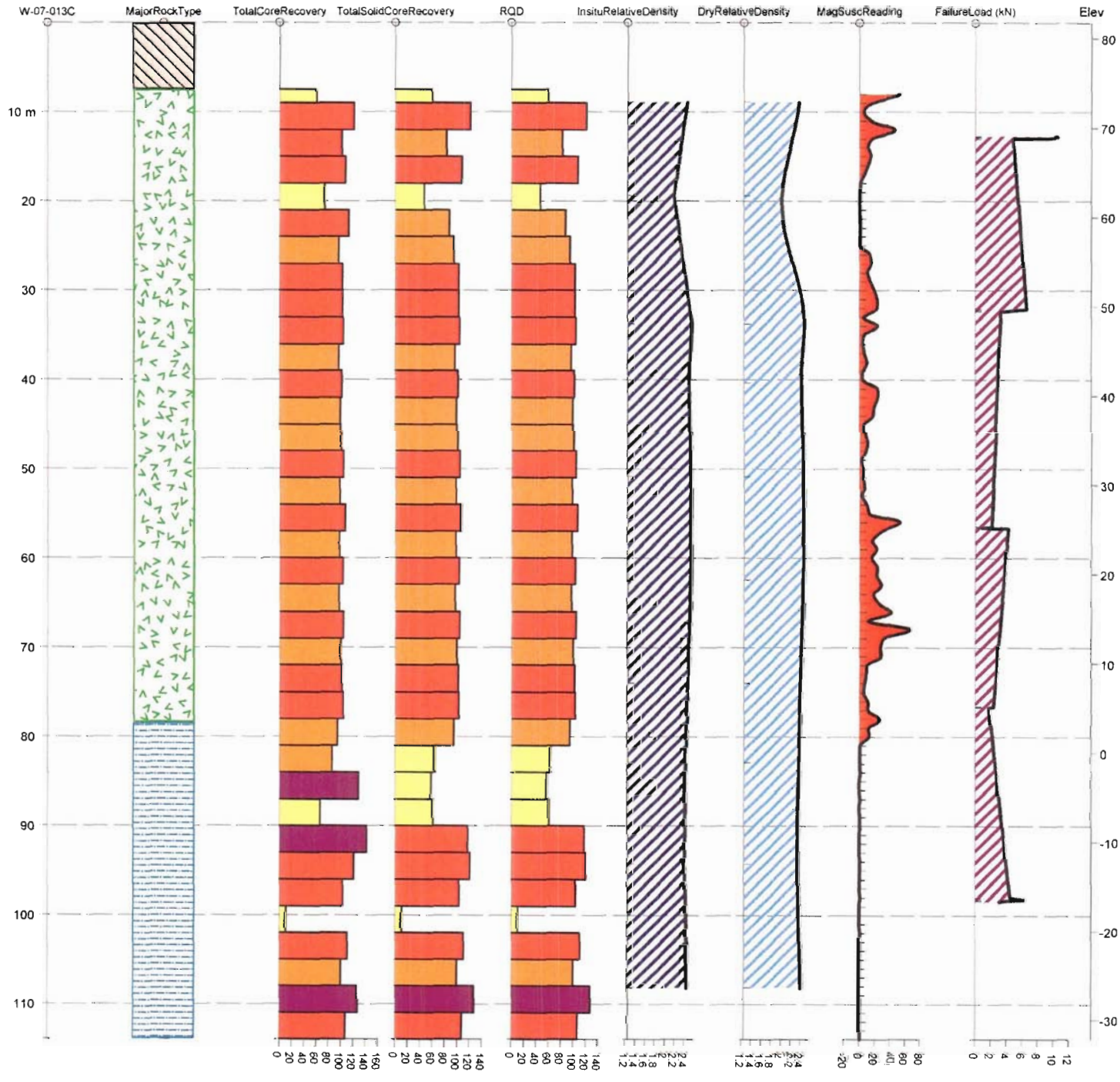
Rig Number: LF-2

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: W-07-014C

Drilling Contractor: FORACO Inc.

Easting: 307011.054

Northing: 5854778.932

NAD: NAD83

Zone: 17

Survey (EOH): Dip: 89.80° Azimuth: 209.60°

Collar Elevation: 81.598 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 14 March 2007

Drilling Completed: 18 March 2007

Casing Bit: HWT Casing Bit

Casing Diameter (ID): 101.6 mm

Casing Set to: 6 m

Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): No

Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): yes

Cemented (yes/no): Yes

Date of Abandonment: 17 March 2007

Total Number of Bags of Cement: 3

First Plug Depth: 7 m

Second Plug Depth: -

Number of Bags of Cement: 3

Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA

Predicted Base of Kimberlite: 250 m

Actual Top of Kimberlite: 5.70 m

Actual Base of Kimberlite: 50.10 m

End of Hole (EOH): 87.00 m

Meters of Kimberlite Drilled: 44.40 m

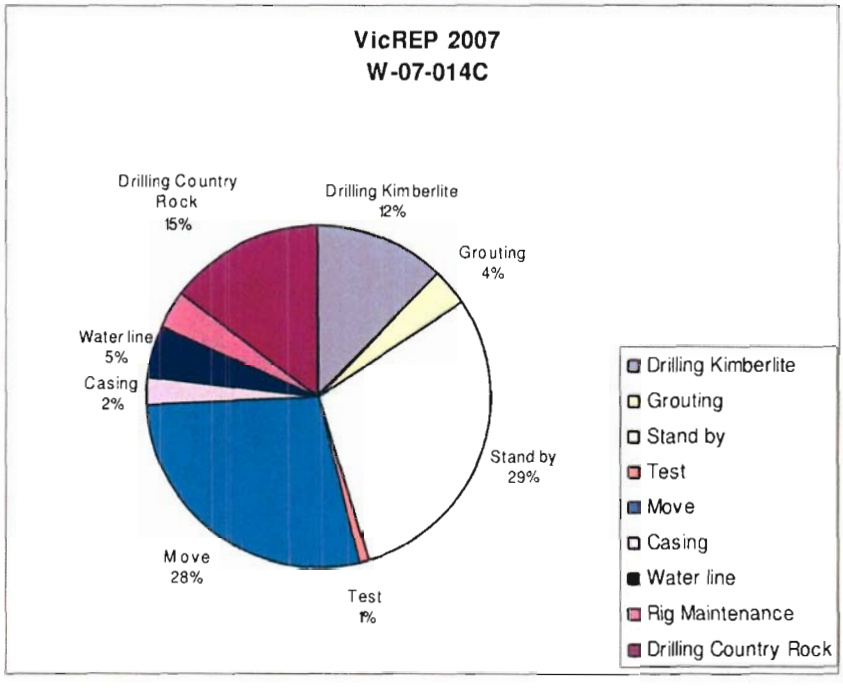
EOH Lithology: Limestone

Number of Core Boxes: 34

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



The majority of elapsed time was moving (28%), stand by (29%), and drilling kimberlite (12%) or country rock (15%). Poor drilling conditions in the country rock caused this activity to exceed the elapsed time for kimberlite. There were two 12 hour night-shifts that were on stand by waiting for helicopter assistance to setup the rig.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: W-07-014C | **Date Drilled: March 14-18, 2007**

Logged by: Gargi Mishra | **Date Logged: March 17-18, 2007**

Top of Kimberlite: 5.70 m | **EOH: 87.00 m**
Base of Kimberlite: 50.10 m

Summary Log

From	To	
0.00	5.14	Missing - Casing
5.14	5.70	Overburden
5.70	50.10	Kimberlite
50.10	87.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	5.14	Missing - Casing
5.14	5.70	Clayey, brown color overburden with pieces of gneiss and limestone.
5.70	50.10	Massive, dark green color, volcaniclastics kimberlite. Intense carbonate veins are present through out the unit. Olivine altered to orange or to serpentine. Average size of olivine 2-3 mm. Abundance percentage of olivine is approximately 70 percent. Coarse to very coarse macrocrystic olivine see, abundance percentage of olivine more than 2mm is 20-25. Magmaclast are of two types: dark color and brown color. Country rock xenoliths of limestone are most abundant and are angular in nature. Limestone is unaltered to slightly altered and show kernel or selvage at places. Maximum size of CRX seen is approximately 40 cm in length. Garnets are red, purple in color. Purple garnets are coarser than red ones. Cpx are altered at places. Ilmenite seen. Garnets and Cpx are more or less equally abundant followed by ilmenite. Mantle xenoliths are altered or sheared mostly. Magnetite is commonly present in veins. Lower contact is broken.
50.10	87.00 (EOH)	Massive buff color limestone with clayey patches in between. Clast of mudstone seen at places. Calcareous coral fossil seen at places.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-014C

Easting	Northing	Elev	Azimuth	Dip	Depth
307011.1	5854778.9	81.6	209.6	-89.8	87.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 14, 2007
Hole End Date: March 18, 2007

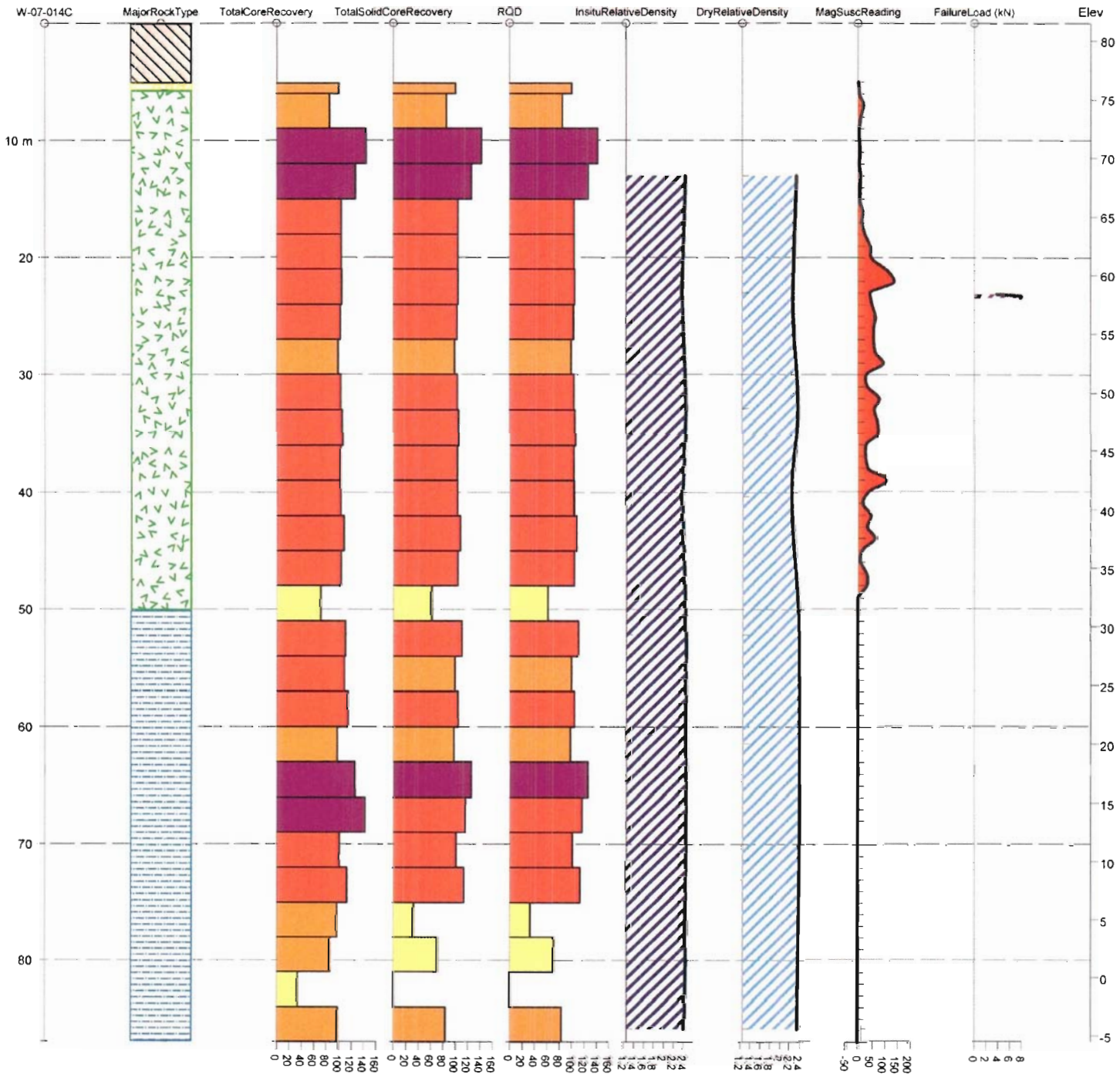
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
OB	Overburden	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-015C**
Easting: 306953.027
NAD: NAD83
Survey (EOH): Dip: 89.8° Azimuth: 120.6°

Drilling Contractor: FORACO Inc.
Northing: 5854788.429
Zone: 17
Collar Elevation: 81.473 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 22 February 2007
Casing Bit: HWT Casing Bit
Casing Set to: 6 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 17 March 2007
First Plug Depth: 7 m
Number of Bags of Cement: 3

Drilling Completed: 03 March 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 5.64 m

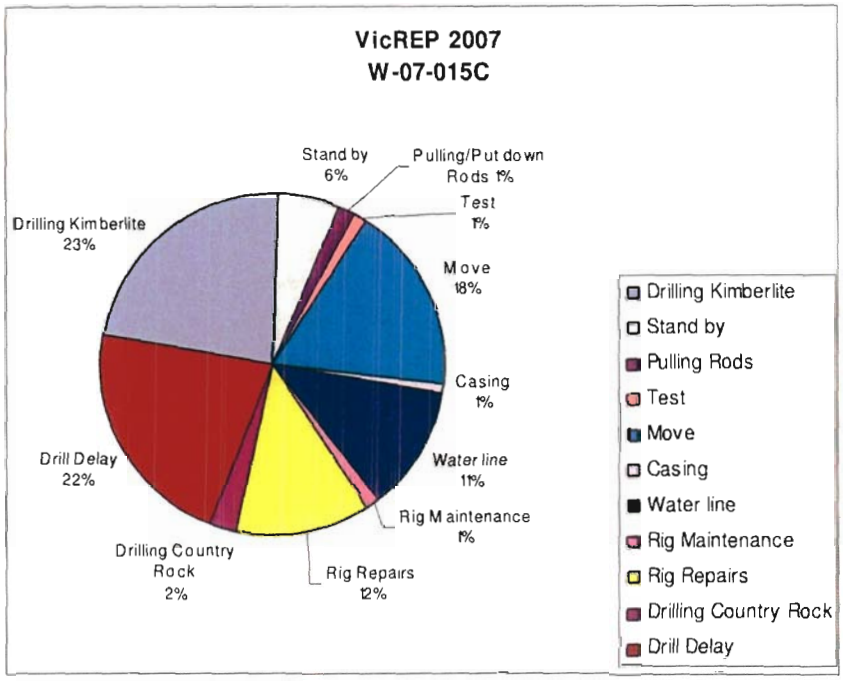
Predicted Base of Kimberlite: 170-200 m
Actual Base of Kimberlite: 176.65 m

End of Hole (EOH): 201.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 166.17 m
Number of Core Boxes: 72

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (23%) or country rock (2%), drilling delay (22%), and moving (18%). There were also significant rig repairs (12%) that resulted in 25 hours of elapsed time. There were repairs to the coil heater, water supply, machine guard, and 2 piston rods. The waterline (11%) included moving the pump shack to the river. There was 44 hour drill delay as there was a shortage of drill personnel to run both rigs.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: W-07-015C | **Date Drilled: Feb 22-Mar 3, 2007**

Logged by: M. Hildebrandt | **Date Logged: Feb 24-Mar 3, 2007**

Top of Kimberlite: 5.64 m | **EOH: 201.00 m**
Base of Kimberlite: 176.65 m

Summary Log

From	To	
0.00	5.64	Missing – Casing
5.64	105.38	Fine to medium Volcaniclastic Kimberlite
105.38	148.05	Medium to coarse Volcaniclastic Kimberlite
148.05	170.26	Fine to Medium Volcaniclastic Kimberlite
170.26	175.10	Country Rock – Interbedded sediments
175.10	176.65	Interbedded Fine Volcaniclastic Kimberlite
176.65	201.00 (EOH)	Country Rock – Interbedded sediments

Depth (m) From	To	Description
0.00	5.64	Missing – Casing
5.64	105.38	This kimberlite unit is competent with some strong alteration up to 18.00 m. The average particle size is fine to medium lapilli, and the size of the five largest particles is 6, 10, 12, 12, and 36 cm. The average largest particle is 15.2 cm. The dominant olivine grain size is fine to medium grained. The unit is clast to matrix supported, fragmental, and poorly sorted. There is no grain orientation, and the overall structure is massive. The total xenolith percentage is 5 percent of the rock volume. Limestone xenoliths represent 99 percent of the total xenoliths and basement xenoliths compose the remaining percentage. Limestone xenoliths are unaltered to completely altered. Basement xenoliths are only partly altered. Olivine ranges from unaltered to completely altered with well preserved mineral textures. Unaltered olivine are light green and crystalline. The completely altered are light to deep orange. Phenocrysts tend to euhedral to subhedral whereas the macrocrysts are subhedral. CPX is the more abundant than Ilmenite, and garnet is the least abundant. Juvenile pyroclasts are fresh to altered and range between cored and uncored pyroclasts. Fresh peridotitic mantle xenoliths exist throughout the unit with an average size of 3 cm. The contact is broken, but it appears gradational. 44.65 m: 2 cm juvenile pyroclast 48.38 m: 12 cm basement xenolith with granitic texture; phlogopite crystals visible within the xenolith 75-105.38 m: some limestone xenoliths have a shattered texture and zoning 5.65-18 m: Hue 5G4 Light greenish grey 18-67 m: Hue 5Y Light olive grey 67-105 m: Hue N Medium Light Grey

105.38	148.05	This massive and fragmental medium to coarse grained volcaniclastic kimberlite is well preserved. It is matrix to clast supported with poor sorting and random grain orientation. There is are sub vertical carbonate veining that ranges from 1 to 4 mm in thickness as well as magnetite patches. The average particle size is medium to coarse lapilli, and the size of the five largest particles is 7, 10, 10, 12, and 110 cm. The average largest particle is 29.8 cm. The limestone in this unit ranges in colour according to alteration. Unaltered is grey; slightly altered is beige; partly altered is dark grey to light green with zoning; completely altered is dark green to black and some shattered texture. All are massive. Olivine ranges from fresh to completely altered. Unaltered is green and crystalline; completely altered is orangish red and opaque. The shape ranges from euhedral to sub rounded. CPX is most abundant compared to Ilmenite, and garnet is the least abundant. Garnets are angular, pale pink with no kelyphite rim. Ilmenite is angular to sub rounded. CPX is sub rounded. Peridotitic mantle xenoliths are present. They include abundant mauve garnets. Juvenile pyroclasts are unaltered and common. The largest is 14 mm. The contact is distinct but gradational over 300 mm. The colour varies from medium bluish grey (Hue 5B) to light olive grey (Hue 5Y). 111.18 m: mantle xenolith 125.48 m: dunite xenolith, 2.2 cm 129.26 m: clast with fresh olivine, fresh unrimmed garnet, in an aphanitic groundmass – possible a mantle xenolith or autolith 126-142 m: CPX is fresh to completely altered. The mineral texture is not fully preserved in every grain. The fresh is green and crystalline. The partly altered has fresh spots within a milky pale pink. The completely altered are entirely opaque, milky and pale pink. Garnets are very rare. 130.80 m: 8 cm clinopyroxenite mantle xenolith
148.05	170.26	This massive fine to medium grained volcaniclastic kimberlite is clast to matrix supported. The grain orientation is random with poor sorting. The matrix is serpentinized but carbonitized in parts. There is also carbonate veining that has a secondary serpentine alteration. The average particle size is fine lapilli, and the size of the five largest particles is 6, 8, 9.5, 15, 18 cm. The average largest particle is 11.3 cm. There is some subtle grain alignment nearest the contact among mudclasts. CPX is the most abundant compared to Ilmenite, and garnet is the least abundant. CPX is present, and Ilmenite is rare. The contact is sharp at 45 degrees to the core axis over an 8 mm. The colour is medium bluish grey (Hue 5B). The mineral and textural preservation are well preserved. 150.36 m: Basement xenolith 9.5 cm next to CPX (eclogitic mantle?) 153.61 m: possible JP or autolith –limestone with kimberlitic selvege 153.61-154.51 m: 7-13 cm autoliths within a brecciated section 160.78 m: micro-faulted JP 162.25 m: 11 cm autolith 168.26-170.26 m: Most CPX exists as milky pinkish altered state
148.05	175.10	Predominantly massive limestone with some lenses of sandstone and mudstone. Overall it very competent with a few zones of weaker material. Cavities are rare. Alteration exists and the top and bottom of the unit. The

contact is broken.

175.10	176.65	The average particle size is medium lapilli, and the size of the five largest particles is 3, 3, 4, 5, and 15 cm. The average largest particle is 6 cm. This unit contains interbedded volcaniclastic fine-grained kimberlite that is heavily altered by carbonate veining. Some of the veins are vertical and imitate the shape of the contact. Mineral textures and fabrics are poorly preserved. The contact is sharp along a cemented joint with an angle of 28 degrees relative to the core access. There are juvenile pyroclasts present that reach a size of 2 cm. The colour is greyish orange (Hue 10 YR).
176.65	201.00 (EOH)	176.65-182.18 m: Mostly sandstone interbedded limestone and mudclasts. There is oxide alteration throughout the unit, and within cavities, there is carbonate crystallization. 182.18-201.00 m: Limestone interbedded with sandstone having an absence of mudclasts. The alteration is stronger possibly causing the rock to have a higher friability. No cavities exist.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-015C

Easting	Northing	Elev	Azimuth	Dip	Depth
306953.0	5854788.4	81.5	120.7	-89.4	201.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: February 22, 2007
Hole End Date: March 3, 2007

Rig Number: LF-2

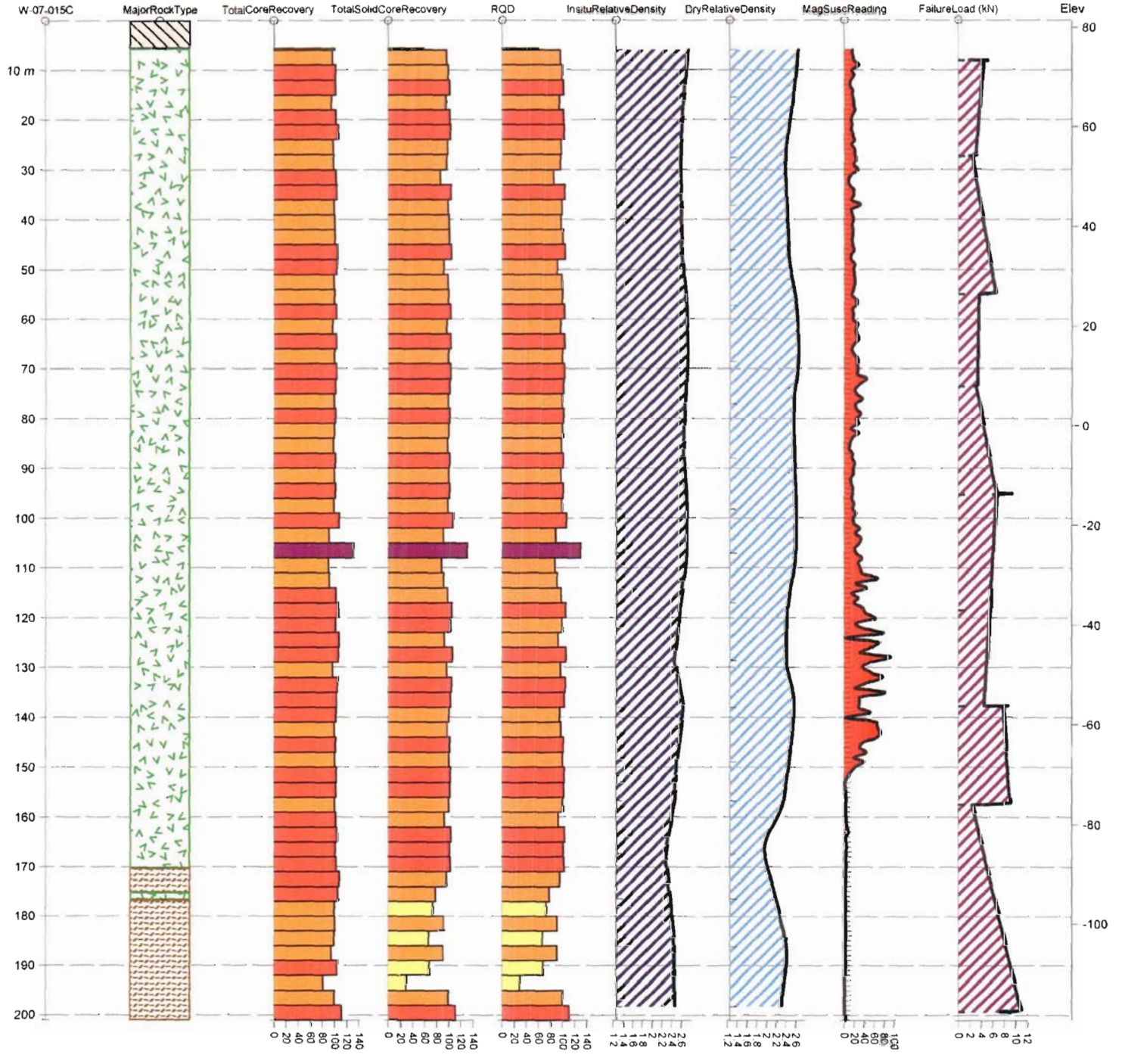
DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
IBSED	Interbedded siltstone/sandstone/mudstone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

- ≥ 125
- ≤ 125
- ≤ 100
- ≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-016C**
Easting: 306910.046
NAD: NAD83
Survey (EOH): Dip: 89.10° Azimuth: 242.60°

Drilling Contractor: FORACO Inc.
Northing: 5854828.881
Zone: 17
Collar Elevation: 81.624 m

Drill Rig Type: LF-70
Drill Rig Number: LF-2

Drilling Started: 03 March 2007
Drilling Completed: 10 March 2007
Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm
Casing Set to: 4.5 m
Bit Diameter (Hole Diameter HQ): 96 mm
Casing left in Hole (yes/no): Yes, 4.5 m
Bit Diameter (Core Diameter HQ): 63.5 mm
Reason: -
Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes
Date of Abandonment: 17 March 2007
Total Number of Bags of Cement: 3
First Plug Depth: 6 m
Second Plug Depth: -
Number of Bags of Cement: 3
Number of Bags of Cement: -

Comments: Casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 3.74 m

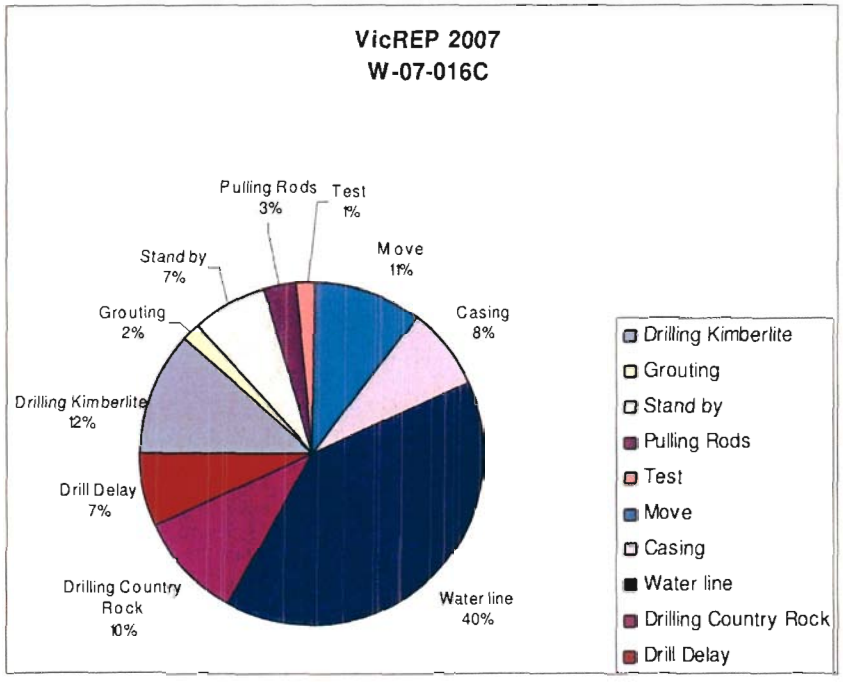
Predicted Base of Kimberlite: 200-250 m
Actual Base of Kimberlite: 177.53 m

End of Hole (EOH): 186.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 173.79 m
Number of Core Boxes: 69

Reason Hole Called: Hole was completed in limestone; difficult ground conditions.
Comments: -

TIME MOTION CHART



The waterline (40%) froze, and 68 hours were spent thawing the frozen waterline and repairing the water pump. There was a 12 hour drill delay (7%) due to a shortage of drill personnel, and a 12 hour stand by (7%) waiting for helicopter assistance in the move.

Project: VicREP 2007

Drill Hole: W-07-016C

Logged by: Sonya Chuchra

Top of Kimberlite: 3.74 m
Base of Kimberlite: 177.53 m

Core Size: HQ

Date Drilled: Mar 3-10, 2007

Date Logged: March 10, 2007

EOH: 186.00 m

Summary Log

From	To	
0.00	3.74	Missing - Casing
3.74	26.25	Fine grained kimberlite
26.25	127.83	Fine grained kimberlite
127.83	177.53	Fine to medium grained kimberlite
177.53	186.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	3.74	Missing - Casing
3.74	26.25	Massive, fine grained kimberlite. Olivine fresh to altered. Abundance percentage of olivine is approximately 20-30 percent and abundance percentage of olivine more than 2mm in size is approximately 5-7 percent. Matrix to clast supported. Limestone xenoliths show zoning. Limestone xenoliths are more abundant than basement. Phlogopite seen. Carbonate and magnetite veining seen. Garnet mauve colour. Garnet, ilmenite and cpx seen. Lower contact is gradational.
26.25	127.83	Massive fine grained kimberlite. Highly serpentinised. Clast to matrix supported. Abundance percentage of olivine is approximately 5-10 percent. Abundance percentage of olivine more than 2mm in size is approximately 1 percent. Mantle xenoliths seen at places mostly consist of cpx. Increase in size and frequency of country rock xenoliths and mantle xenoliths seen. Increase in frequency of indicator minerals seen with depth. Kimberlite show two color from greenish black to greenish grey. Garnet, ilmenite and cpx seen. Lower contact is sharp and irregular.
127.83	177.53	Massive fine to medium grained kimberlite. Olivine mainly fresh, altered at places. Abundance percentage of olivine is approximately 25-35 percent. Abundance percentage of olivine more than 2mm in size is approximately 10-15 percent. Limestone more abundant than basement. Garnet, ilmenite and cpx seen. JPs are present. Autolith seen at places. Carbonate and magnetite vein seen. Lower contact is dipping and gradational.
177.53	186.00 (EOH)	Massive limestone mixed with mudstone and sandstone at places.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-016C

Easting	Northing	Elev	Azimuth	Dip	Depth
306910.0	5854828.9	81.6	242.6	-89.1	186.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 3, 2007
Hole End Date: March 10, 2007

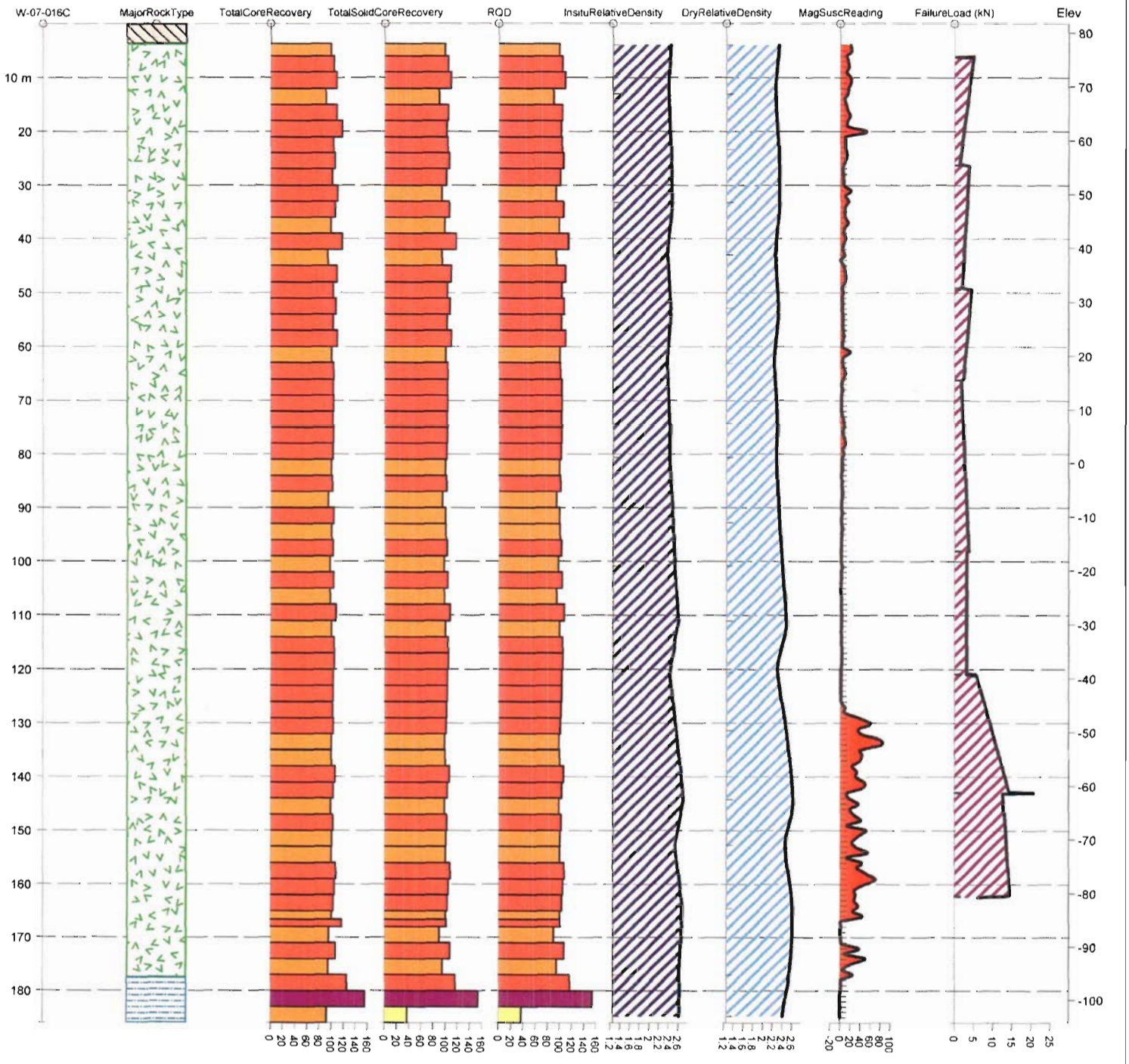
Rig Number: LF-2

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-017C**
Easting: 306904.090
NAD: NAD83
Survey (EOH): Dip: 89.90° Azimuth: 340.30°

Drilling Contractor: FORACO Inc.
Northing: 5854852.011
Zone: 17
Collar Elevation: 81.442 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 15 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 4.5 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 12 m
Number of Bags of Cement: 3

Drilling Completed: 17 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 6
Second Plug Depth: 205 m
Number of Bags of Cement: 3

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 4.50 m

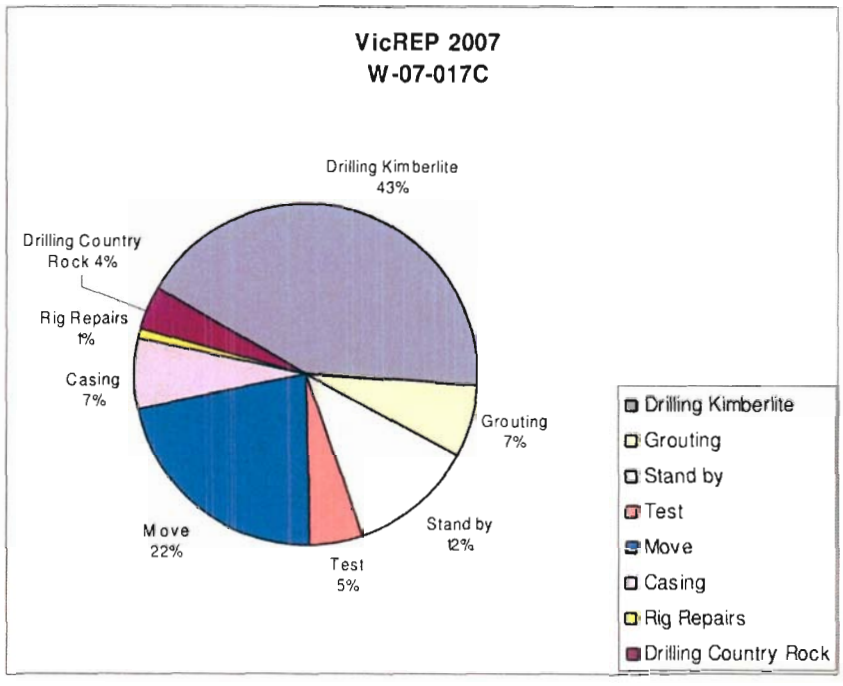
Predicted Base of Kimberlite: 200 m
Actual Base of Kimberlite: 203.80 m

End of Hole (EOH): 229.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 199.30 m
Number of Core Boxes: 81

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (43%) or country rock (4%). There was a 7 hour stand by (12%) waiting for the helicopter; 2 of the 7 hours were caused by weather. The remaining 5 hours of stand by were due to a miscommunication between the helicopter and the ground crew.

Project: VicREP 2007

Core Size: HQ

Drill Hole: W-07-017C

Date Drilled: May 15-17, 2007

Logged by: Gargi Mishra

Date Logged: May 18, 2007

Top of Kimberlite: 4.50 m
Base of Kimberlite: 203.80 m

EOH: 229.00 m

Summary Log

From	To	
0.00	4.50	Missing - Casing
4.50	85.00	Fine grained kimberlite
85.00	203.80	Coarse to medium grained kimberlite
203.80	229.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	4.50	Casing.
4.50	85.00	Massive, fine grained, matrix supported, green color kimberlite. Olivine altered to orange, serpentine and occasionally fresh. Olivine size varies from fine to medium grained. Abundance percentage of olivine is approximately 50 percent. Abundance of olivine more than 2mm in size is approximately 15 percent. Clast of country rock xenoliths and magmaclast are medium to coarse size. Magmaclast are of two color brown and grey. Mantle xenoliths seen at places, small in size and mainly consist of cpx and deep red garnet. Autolith seen at places. Garnets are deep red in color. Cpx and ilmenite appear to be almost equally abundant followed by garnet. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub angular and are unaltered to slightly altered. Microfractures filled with carbonate seen throughout the run. Matrix is highly serpentinised. Lower contact appears gradational and false. Kimberlite looks more likely to be finer fraction of unit below.
85.00	203.80	Massive, volcaniclastic grey color kimberlite. Olivine altered to serpentine and or fresh. Clast supported. Olivine size varies from coarse to medium. Abundance percentage of olivine is approximately 80 percent. Abundance of olivine more than 2mm in size is approximately 70 percent. Magmaclast are sub angular to angular. Mantle xenoliths are frequent and are consisting of olivine only, cpx only, cpx+garnet. Magmaclast seen as selvage around country rock xenoliths. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub angular and are unaltered to slightly altered. From 174.10 to 176.35 m depth is limestone xenolith with kimberlite in between. From approximately 198.47 m depth onwards kimberlite become fine grained in nature. Lower contact is broken.
203.80	229.00 (EOH)	Massive limestone with bedding features. Various calcified fossils seen. Some mud and clay in between.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-017C

Easting	Northing	Elev	Azimuth	Dip	Depth
306904.1	5854852.0	81.4	340.3	-89.9	229.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 15, 2007
Hole End Date: May 17, 2007

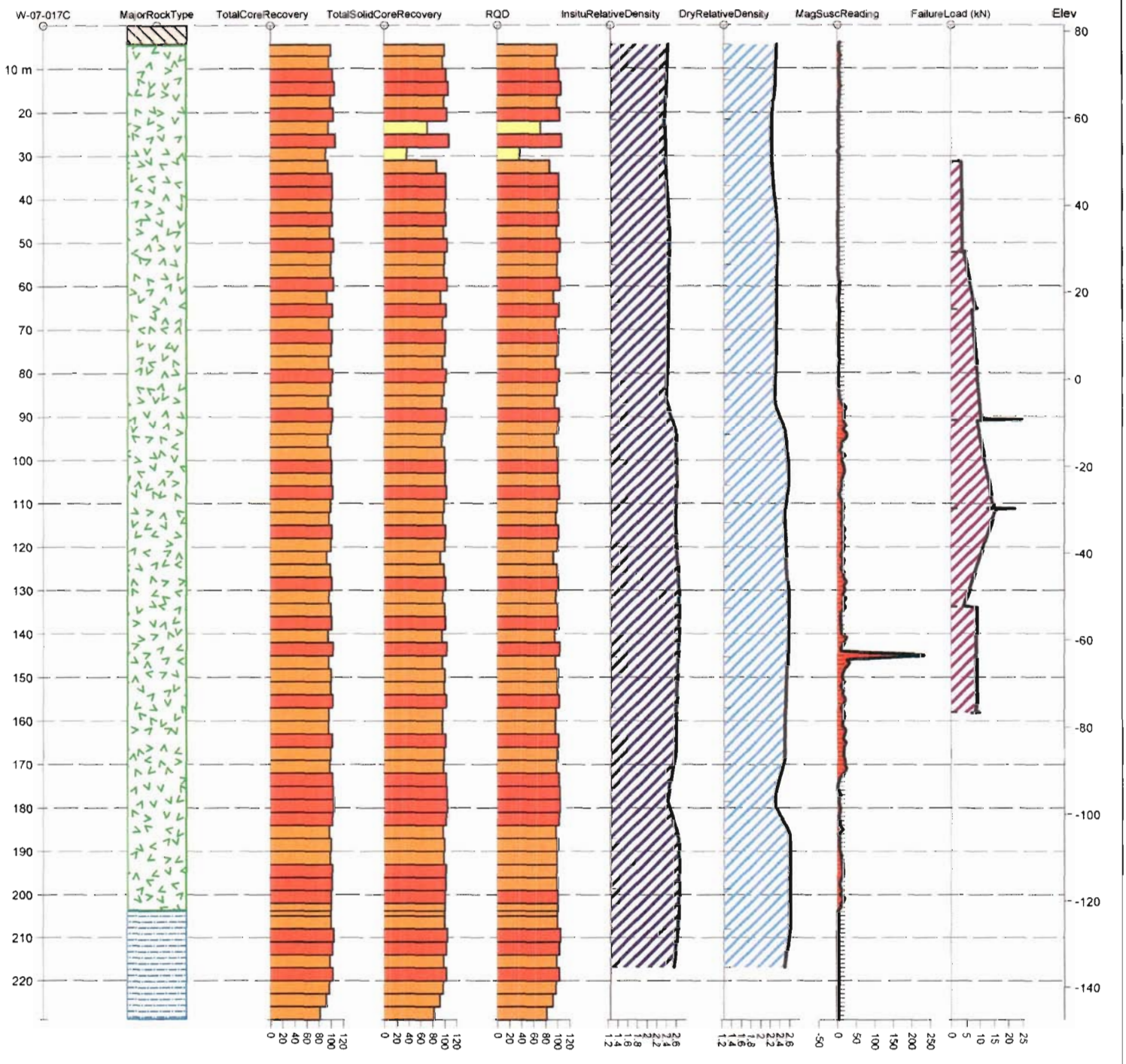
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **W-07-018C**
Easting: 306903.949
NAD: NAD83
Survey (EOH): Dip: 75.90° Azimuth: 203.60°

Drilling Contractor: FORACO Inc.
Northing: 5854852.818
Zone: 17
Collar Elevation: 81.450 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 17 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 6 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 7 m
Number of Bags of Cement: 2

Drilling Completed: 21 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 7
Second Plug Depth: 115 m
Number of Bags of Cement: 5

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 3.00 m

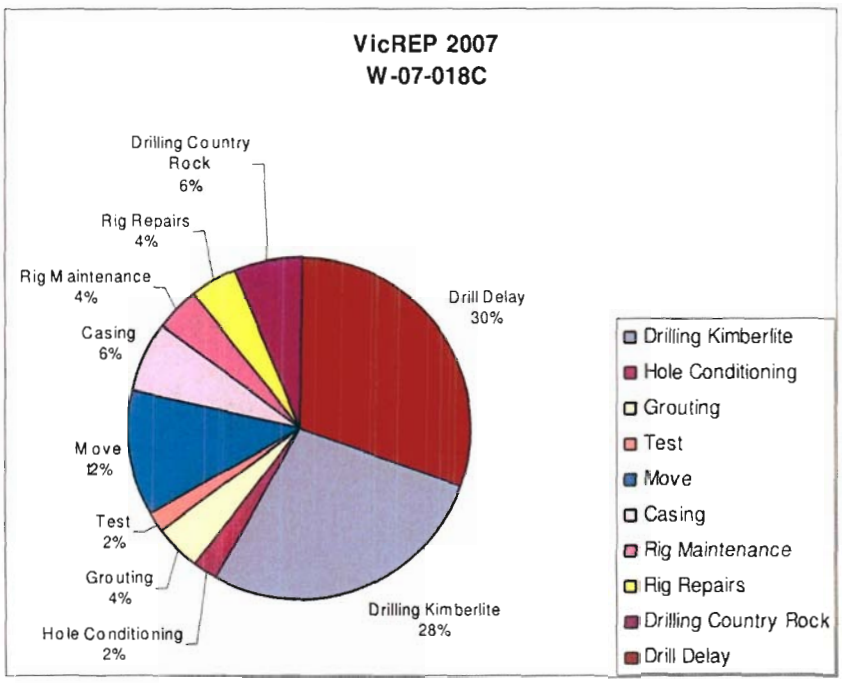
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 111.20 m

End of Hole (EOH): 136.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 108.20 m
Number of Core Boxes: 53

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (28%) or country rock (6%), and under drill delay (30%). There was total of 28 hours caused by drill delay. These delays included waiting on a part to fix the rig (chuck bearing), thawing the frozen waterline, and a shortage of drill personnel. This was the final hole for LF70-1, and in the W-07-018C pie chart, the 82 rig demobilization hours were not included.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: W-07-018C | **Date Drilled: May 17-21, 2007**

Logged by: Gargi Mishra | **Date Logged: May 19-21, 2007**
Top of Kimberlite: 3.00 m
Base of Kimberlite: 111.20 m | **EOH: 136.00 m**

Summary Log

From	To	
0.00	3.00	Missing - Casing
3.00	111.20	Fine grained kimberlite
111.20	136.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	3.00	Missing, Casing.
3.00	111.20	Massive, fine grained, matrix supported, green color kimberlite. Olivine altered to orange, serpentine and occasionally fresh. Olivine size varies from fine to medium grained. Abundance percentage of olivine is ~ 50 percent. Abundance of olivine more than 2mm in size is ~ 15 percent. Clast of country rock xenoliths and magmaclast are medium to coarse size. Olivine and other indicator minerals and mantle xenoliths are fine to medium size. Magmaclast are of two color brown and grey. Mantle xenoliths seen at places, small in size and mainly consist of cpx+deep red garnet. Autolith seen at places. Garnets are deep red in color. Cpx and ilmenite appear to be almost equally abundant followed by garnet. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub angular and are unaltered to slightly altered. Large basement xenoliths seen at places. Partially altered. Microfractures filled with carbonate seen throughout the run. From 90.30 m depth onwards kimberlite is grey in color. Lower contact is broken.
111.20	136.00 (EOH)	Massive limestone with bedding features. Various calcretised fossils seen. Some mud and clay in between.Brecciated at places.

VicREP 2007:
Whiskey Kimberlite Body

STRIP LOG: W-07-018C

Easting	Northing	Elev	Azimuth	Dip	Depth
306903.9	5854852.8	81.5	203.6	-75.9	136.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 17, 2007
Hole End Date: May 21, 2007

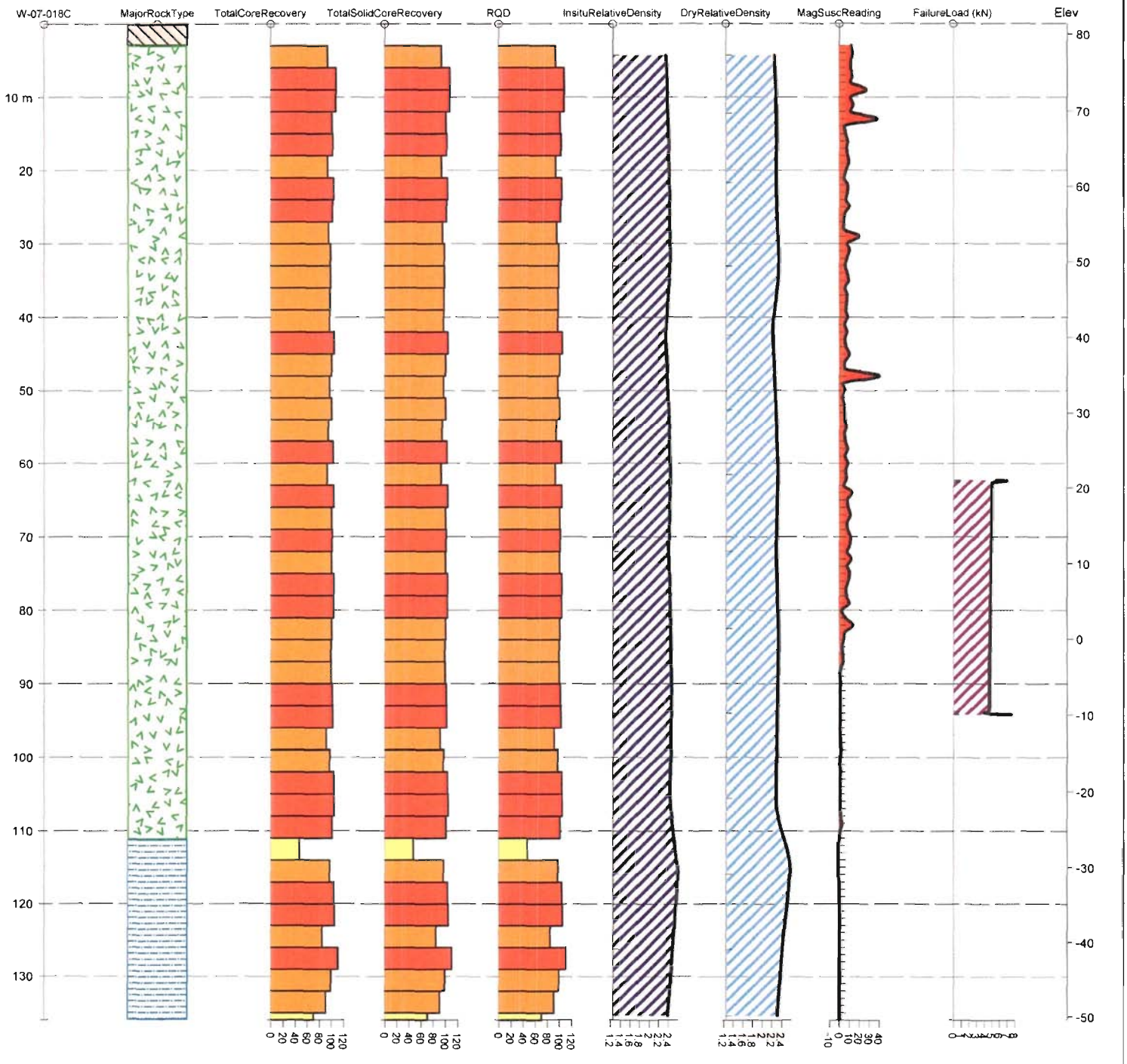
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-014C**
Drilling Contractor: FORACO Inc.
Easting: 307597.367
Northing: 5853392.669
NAD: NAD83
Zone: 17
Survey (EOH): Dip: 89.4° Azimuth: 116.4°
Collar Elevation: 84.404 m
Drill Rig Type: LF-70
Drill Rig Number: LF-1
Drilling Started: 31 January 2007
Drilling Completed: 17 February 2007
Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm
Casing Set to: 6 m
Bit Diameter (Hole Diameter HQ): 96 mm
Casing left in Hole (yes/no): Yes, 6 m
Bit Diameter (Core Diameter HQ): 63.5 mm
Reason: -
Rods Pulled (yes/no): Yes
Cemented (yes/no): No
Date of Abandonment: 16 March 2007
Total Number of Bags of Cement: -
First Plug Depth: -
Second Plug Depth: -
Number of Bags of Cement: -
Number of Bags of Cement: -

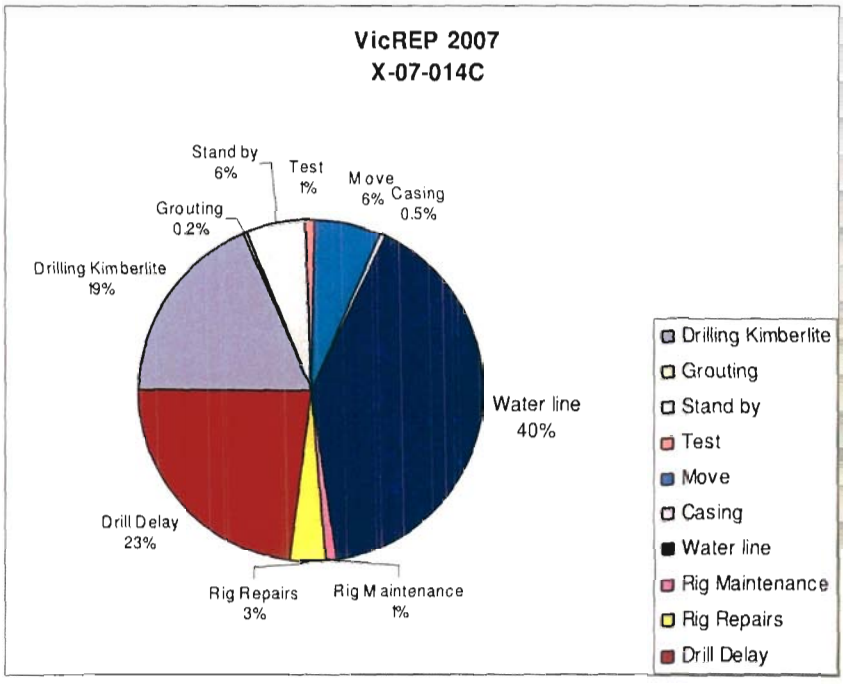
Comments: Hole not cemented; cap was put on casing; casing left in hole.

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: NA
Actual Top of Kimberlite: 5.88 m
Actual Base of Kimberlite: 250.00 m

End of Hole (EOH): 250.00 m
Meters of Kimberlite Drilled: 244.12 m
EOH Lithology: Kimberlite
Number of Core Boxes: 85

Reason Hole Called: -
Comments: Reached target depth.

TIME MOTION CHART



There were major issues with the water supply in X-07-014C. The waterline (40%) froze and 168 hours were spent thawing the frozen waterline, laying out the hoses, and repairing the water pump. The rig repairs (3%) included fixing the water supply pump. There was a 96 hour drill delay (23%) due to a shortage of drill personnel, and two 12 hour stand bys (7%) waiting for helicopter assistance in the move.

Project: VicREP 2007

Core Size: HQ

Drill Hole: X-07-014C

Date Drilled: Jan 31-Feb 17, 2007

Logged by: M. Hildebrandt

Date Logged: Feb 12, 15, 18 , 2007

Top of Kimberlite: 5.88
Base of Kimberlite: 250.00

EOH: 250.00

Summary Log

From	To	
0.00	5.88	Missing – Casing
5.88	79.46	Fine to medium Volcaniclastic Kimberlite
79.46	118.13	Fine to medium autolithic Volcaniclastic Kimberlite
118.13	250.00	Medium to coarse Volcaniclastic Kimberlite

Depth (m) From	To	Description
0.00	5.88	Missing – Casing. NB: Driller cored casing.
5.88	79.46	The overall competency of the rock is good with some heavier drill damage at the top. There are patches of magnetite throughout the unit and no carbonate veining. The colour is medium bluish grey (Hue 5B). The average particle size is medium lapilli, and the size of the five largest particles is 7.5, 8, 9, 14 and 21 cm. The average largest particle is 11.9 cm. The dominant olivine grain size is fine to medium-grained. In the top 45 m of the core, the mineral textures are partly preserved, as the alteration haloes around the limestone xenoliths have obscured some of the original textures. Below 50m, the mineral and grain textures are well preserved. The unit is massive with poor sorting and randomly oriented grains. The dominant grain size is fine to medium-grained kimberlite. Olivine represents 15 to 20 percent of the rock volume with a maximum size of 18 mm. The total xenolith abundance is 7-10 percent. The average xenolith size is 5 cm. The unit is clast-to-matrix supported with an inequigranular texture. It is fragmental and thus volcaniclastic kimberlite. Fresh juvenile pyroclasts and possible accretionary lapilli exist in the unit. The pyroclasts are amoeboid shaped and generally lack cores. In the lower part of the section, cores are predominantly limestone xenoliths that have a fine grained rim consisting of ashy material and olivine phenocrysts. The abundance of juvenile pyroclasts increases towards the bottom where they represent 1 to 3 percent of the rock volume. Juvenile pyroclasts coarsen with depth. After 52 m deep, they range from macro to megacrysts. Macro juvenile pyroclasts are more common than mega. The largest juvenile pyroclasts is 25 mm. Peridotitic mantle xenoliths are present and less than 5 mm in length. Olivine is mostly fresh, sub hedral, and yellowish green. The largest megacryst is 20 mm. The altered olivine are light orange and angular. The only xenoliths are composed of limestone. The limestone ranges at the top from slightly to completely altered near the bottom. The heavily altered limestone is a bluish green and typically has a similarly coloured alteration halo that affects the matrix around the clast. The lesser altered limestone is brown to grey with marginal zoning. There is no carbonate veining. The

limestone xenoliths are massive. Cavities suggest that some limestone xenoliths have undergone dissolution.
Indicator minerals have similar relative abundances. Some garnets have kelyphite rims. Non-rimmed garnets are rounded and range from mauve to deep red. Kelyphite rimmed garnets are angular and pale pink. The largest is 20 mm at a depth of 21.25 m. Cpx is a bright apple green. The crystals are angular to sub-rounded. Ilmenite is fresh and sub-rounded. The largest is 9 mm. Phlogopite crystals range 0.1 to 10 mm. Some are heavily sheared; however, most phlogopite occurs as fresh crystals.

37-41 m: crude alignment of particles and possible reverse grading
50 m: Garnet perdotite; mantle xenolith
60.53-61 m: incompetent rock, heavily jointed, (possible fault?)
79.46 m: The contact is distinct and gradational. The unit fines towards the contact.

79.46	118.13	This volcaniclastic kimberlite shares many similar attributes with the upper unit; however, it is distinguished by an abundance of autoliths. The average particle size is medium lapilli, and the size of the five largest particles is 5, 6, 6, 7, and 10 cm. The average size of the largest particles is 6.8 cm. The dominant olivine grain size is fine to medium-grained. There are patches of magnetite throughout the unit and no carbonate veining. The colour of the kimberlite is medium bluish grey (Hue 5B). The mineral and textures are well preserved. Below 50 m, the mineral and grain textures are well preserved. The unit is massive with poor sorting and randomly oriented grains. The total xenolith abundance is 5-7 percent. Olivines represent 10 to 15 percent of the rock volume with a maximum size of 12 mm. The kimberlite is clast-to-matrix supported; yet there are sections where the rock is fully matrix-supported. There is a mixture of serpentine and carbonate veining in the last 10 m. Granitic basement xenoliths are present. The autoliths, which make up 1 to 3 percent of the rock volume, typically have an altered limestone core that has a 2 to 8 mm kimberlitic rim. The autoliths reach up to 6 cm in diameter. It is common in this unit for mantle xenoliths and cpx to have magnetite rims. The garnets that are present also tend to have kelyphite rim, which was not as common in the upper unit. Cpx and garnet are both common, and ilmenite is the least abundant. Juvenile pyroclasts are present but not as visible. The contact is gradational over 100 mm.
118.13	250.00 (EOH)	Olivine in the first 50 cm is heavily altered to a rust colour. Throughout the rest of the unit, the olivines are a fresh, yellowish green. The average particle size is medium lapilli and the size of the five largest particles is 10, 10, 10, 12, and 267 cm. The average size of the largest particles is 61.8 cm. The dominant olivine grain size is medium to coarse grained. There are patches of magnetite throughout the unit and localized carbonate veining around the largest limestone xenolith. The colour of the kimberlite is greenish black (Hue 5G). The mineral and textures are well preserved. In general, this coarse-to-matrix supported unit is massive with poor sorting, and randomly oriented grains. The total xenolith abundance is 7-10 percent. Olivine represents 15 to 20 percent of the rock volume with a maximum size of 20 mm. The limestone xenoliths range from fresh to completely altered. Larger

fragments have a tendency to be greenish blue whereas the smaller, less altered are grey to brown. Some of the limestone xenoliths have a shattered, jigsaw fit. After 139 m, it is common to have zoned limestone xenoliths and alteration halos. No other xenoliths are present.
Garnets have a kelyphite rim that reaches up to 3 mm. Cpx is fresh and green with magnetite rims. Relative to each other, Cpx is abundant; garnet is common; and ilmenite is present. Within the last 50 m, Cpx is abundant; garnet is present; and there is very little ilmenite.
In this unit, autoliths are still present but unaltered. They have a dark grey matrix and the largest is up to 13 cm.
Mantle xenoliths are mostly composed of garnet and Cpx. These peridotitic xenoliths reach up to 20 mm. Dunite xenoliths range from 2 to 6 cm. They are fresh without a rim.

134.20: 6 cm dunite xenolith
167.62: fine ash laminations
167-173.5: crude grain alignment with some sorting
173.72: fragmented limestone xenolith; jigsaw fit
175-178: less competent kimberlite – fractures more easily
185.75: 2 cm cpx
185.75-186.25: crude grain alignment with possible normal grading
190.80-191.15: KBB, near contact with large limestone xenolith
191.15-193.90: 2.67 m limestone xenolith
193.90-194.20: magmaclastic KBB with carbonate veining
209.50: 13 cm autolith – macrocrystic cpx and olivine within aphanitic groundmass, clast is surrounded by jagged magnetite rim
213.00-214.50: less competent
223.00-226.00: some grain alignment with subtle normal grading
244.24: 3 cm CPX
247.36: 1.5 cm dunite xenolith

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-014C

Easting	Northing	Elev	Azimuth	Dip	Depth
307597.4	5853392.7	84.4	116.4	-89.5	250.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: January 31, 2007
Hole End Date: February 17, 2007

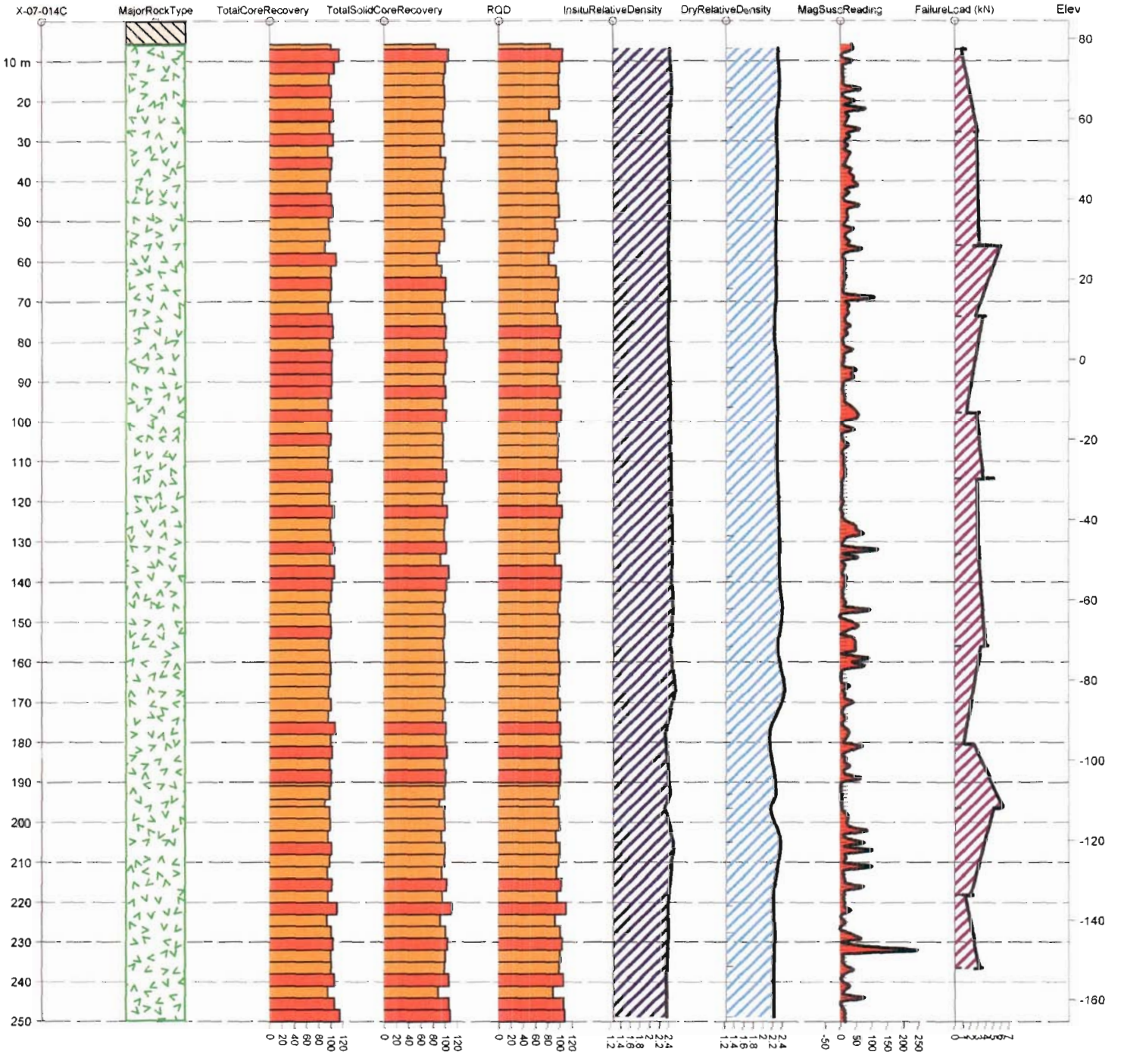
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-015C**
Drilling Contractor: FORACO Inc.

Easting: 307592.965
Northing: 5853388.201

NAD: NAD83
Zone: 17

Survey (EOH): Dip: 46.9° Azimuth: 75.8°
Collar Elevation: 84.372 m

Drill Rig Type: LF-70
Drill Rig Number: LF-1

Drilling Started: 10 March 2007
Drilling Completed: 14 March 2007

Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm

Casing Set to: 7.5 m
Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes

Date of Abandonment: 16 March 2007
Total Number of Bags of Cement: 3

First Plug Depth: 8 m
Second Plug Depth: -

Number of Bags of Cement: 3
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: 300.0 m

Actual Top of Kimberlite: 7.50 m
Actual Base of Kimberlite: 189.90 m

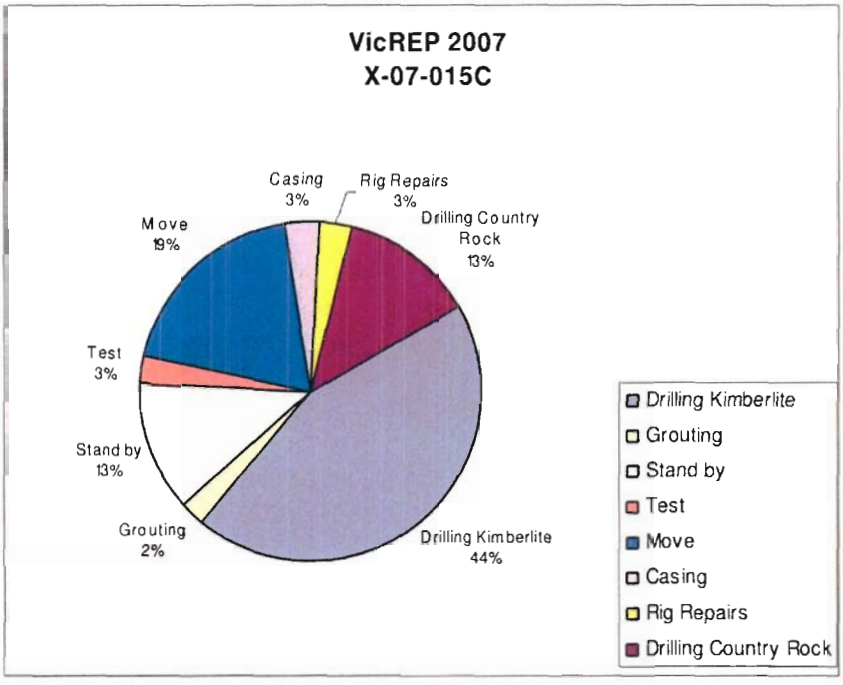
End of Hole (EOH): 222.00 m
Meters of Kimberlite Drilled: 182.40 m

EOH Lithology: Limestone
Number of Core Boxes: 79

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (44%) or country rock (13%), and moving (19%). The drill move took longer as it included work on the waterline for X-07-015C. There was a 12 hour nightshift standby waiting for the helicopter to finish the drill move.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: X-07-015C	**Date Drilled: Mar 10-15, 2007**
Logged by: Gargi Mishra	**Date Logged: Mar 13, 2007**
Top of Kimberlite: 7.50 m **Base of Kimberlite: 189.90m**	**EOH: 222.00m**

Summary Log

From	To	
0.00	7.50	Missing
7.50	40.00	Kimberlite medium-grained, clast supported
40.00	88.50	Kimberlite fine to medium-grained, matrix to clast-supported
88.50	189.90	Kimberlite Breccia
189.90	222.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	7.50	Missing - Casing
7.50	40.00	Green colored, massive, medium-grained, clast-supported kimberlite. Olivines are fresh to altered in nature appear orange at places. Abundance percentage of olivine is approximately 70 percent and percentage of olivine more than 2mm in size is approximately 60 percent. Average size of olivine is 3-5mm. Juvenile magmaclast seen commonly. Magma texture is fragmented in nature and is volcaniclastic kimberlite. Phlogopites laths seen commonly. Cpx very common. Cpx are most abundant followed by ilmenite and then garnet. Garnets are red, mauve and purple in color. Juvenile magmaclast are irregular in nature and are of two types brown color and green color. Country rock xenoliths of limestone are most abundant and are angular unaltered to slightly altered in nature. Show selvage at places. With depth kimberlite grades into matrix-supported, fine-grained kimberlite with low olivine content. Lower contact is not so distinct. Ilmenite and cpx get coarser with depth. Juvenile magmaclast is not so common.
40.00	88.50	Matrix to clast-supported, fine-grained kimberlite, light green in color. Olivines are less abundant. Abundance percentage of olivine is approximately 50 percent and percentage of olivine more than 2mm in size is approximately 20 percent. Average size of olivine fine-grained. Juvenile magmaclast are less common. Cpx are more abundant than ilmenite followed by garnet. Cpx>ilm>garnet in order of degree of coarseness of grain. Country rock xenoliths of limestone are most abundant and are unaltered to slightly altered and angular in nature.
88.50	189.90	Kimberlite breccia with country rock xenoliths of limestone. Abundance percentage of country rock xenolith is more than 15%. Country rock xenoliths of limestone are altered to unaltered in nature and are angular in shape. Mantle xenoliths are common and consist of garnet and cpx. Cpx are more abundant than ilmenites followed by garnet. Garnets are dark red in color. Cpx are coarser than ilmenite and garnet. From 129.50 to 131.90 m depth is highly weathered, clayey kimberlite. From 150.38-152.30 m, 154.9-155.70, 161.80-167.50,171.00-174.50 and 175.75 to 180.00 m depth

		is define by presence of kimberlite which is more clast supported, olivine altered to orange, and look more similar to the top unit of kimberlite seen at 7.50 to 40.00 m of depth. These intermittent units show bedding and sorting at places and grades from medium to fine beds. Large massive pieces of limestone are also very common. Contact between orange color olivine and breccia is sharp and irregular. Lower contact between top kimberlite and limestone is low angle dipping.
189.90	222.00 (EOH)	Massive to bedded, buff color limestone, clayey at places.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-015C

Easting	Northing	Elev	Azimuth	Dip	Depth
307593.0	5853388.2	84.4	75.8	-46.9	222.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 10, 2007
Hole End Date: March 14, 2007

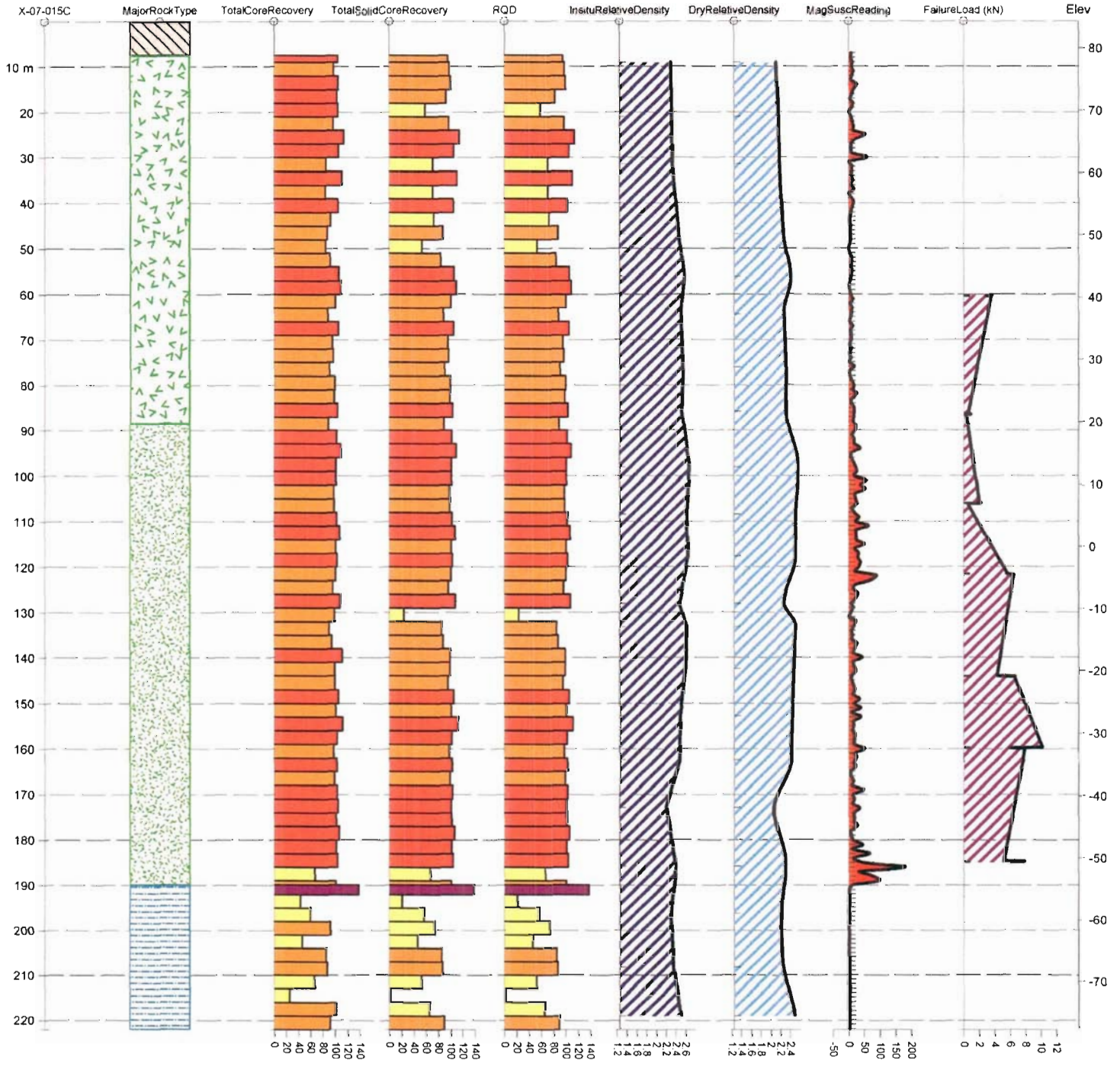
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
KB	Kimberlite breccia	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-016C**
Drilling Contractor: FORACO Inc.

Easting: 307611.090
Northing: 5853401.533

NAD: NAD83
Zone: 17

Survey (EOH): Dip: 61.7° Azimuth: 174.2°
Collar Elevation: 84.429 m

Drill Rig Type: LF-70
Drill Rig Number: LF-1

Drilling Started: 17 February 2007
Drilling Completed: 25 February 2007

Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm

Casing Set to: 1.5 m
Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes

Date of Abandonment: 16 March 2007
Total Number of Bags of Cement: 3

First Plug Depth: 5 m
Second Plug Depth: -

Number of Bags of Cement: 3
Number of Bags of Cement: -

Comments:

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: <250 m

Actual Top of Kimberlite: 1.52 m
Actual Base of Kimberlite: 157.12 m

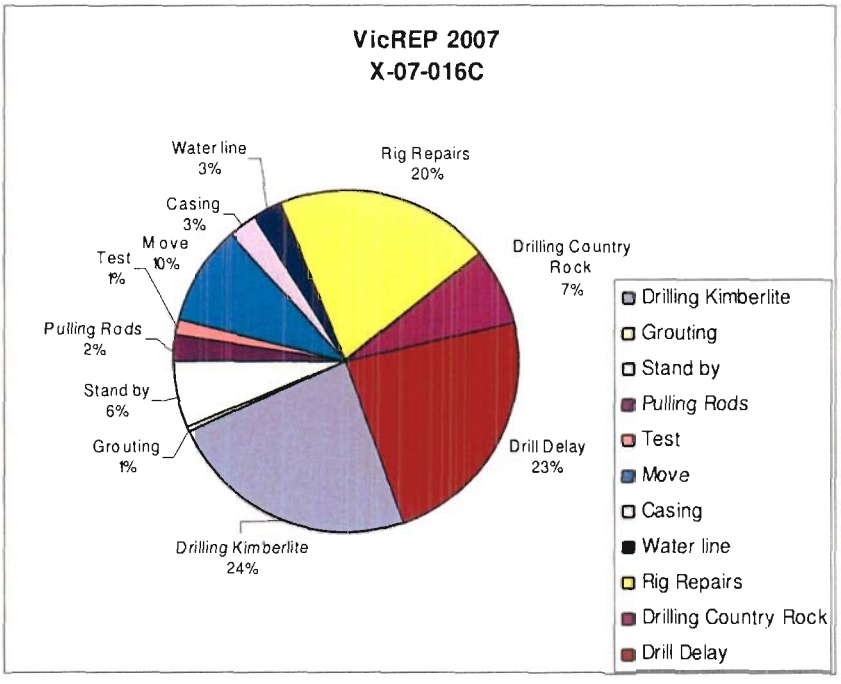
End of Hole (EOH): 180.00 m
Meters of Kimberlite Drilled: 155.60 m

EOH Lithology: Limestone
Number of Core Boxes: 63

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (24%) or country rock (7%). There was a significant lack of drill personnel resulting in 43 hours of drill delay (23%). Rig repairs (20%) contributed 38 hours to elapsed time to fix the drill hoist and water supply pump. There was a 12 hour nightshift standby waiting for the helicopter to finish the drill move.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: X-07-016C | **Date Drilled: Feb 17-25, 2007**

Logged by: David Milstead | **Date Logged: Feb 24-25, 2007**

Top of Kimberlite: 1.52 m | **EOH: 180.00 m**
Base of Kimberlite: 180.00 m

Summary Log

From	To	
0.00	1.52	Missing – Casing
1.52	50.73	Medium-grained Volcaniclastic Kimberlite
50.73	95.78	Medium-to-Coarse grained Volcaniclastic Kimberlite
95.78	157.12	Medium-to-Fine grained Volcaniclastic Kimberlite
157.12	180.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	1.52	Missing – Casing. NB: Driller cored casing.
1.52	50.73	Massive, medium-grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. From 1.52 – 6.00 m, significant drill damage, from 6.00 m to approx. 21.00 m moderate competency, and 21.00 m onwards, competent coherent subunit. Olivine is predominantly fresh, pale green to light orange/yellow. Sub-angular, with an average grain size of 2-5 mm. Inequigranular distribution whereby lower region of sub-unit oxidized to pale orange. Total olivine percentage is approx. 15% and the abundance percentage of more than 2 mm is between 3-5%. Maximum olivine grain size of 13 mm, minimum size of 0.2 mm. A 15% total xenolith abundance, with an average size of 1.6 cm. Completely to partly altered limestone xenoliths making up 92% of the relative CRX abundance, where unaltered limestone xenoliths represent the other 8% (Sub-angular). Maximum GAR size of 16 mm, ILM at 7 mm, and CPX at 5 mm. ILM > GAR > CPX in modal abundance but ILM smaller in grain size. GAR crimson red until 27 m, after GAR is dark red to mauve in colour. Fresh serpentine crystals throughout displaying waxy texture. Presence of highly altered LMST xenoliths, dark green with bluish tinge. Large alteration halos near 6 m, 11 m, 23 m. Unaltered LMST lacking zoning, light pale green in colour. Phlogopite present in crystals ranging from 5-7 mm. Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV – beige to light brown. Near 15 m, moderate abundance of JP's with large average diameter whereby near 31 m mark juvenile pyroclasts are higher in abundance but smaller in average diameter. Carbonate dissolution in xenoliths present. Gradational contact ranging 550 mm. Mineral preservation is partly preserved, textural preservation is well preserved. Best representative hue is grayish green – Hue 10G 4/2. Approaching gray side of spectrum for majority of subunit.

50.73	95.78	Massive, medium-to-coarse grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Subunit contains larger and less frequent LMST xenoliths, coarser OLV grain size and BSMT granitoids, lapilli size distribution is also larger than previous subunit. Olivine is fresh, pale green, with pale green-orange alteration near 54 m mark. Sub-rounded, with an average grain size of 2-5 mm, with attempted sorting of OLV grains in upper portion of subunit (approx. up to 65 m mark). Total olivine percentage is 15-20% and the abundance percentage of more than 2 mm is between 7-10%. Maximum olivine grain size of 22 mm, minimum size of 0.5 mm. A 15-20% total xenolith abundance, with an average size of 2.6 cm. Completely to partly altered limestone xenoliths making up 83-84% of the relative CRX abundance (larger in size than previous subunit), where unaltered limestone xenoliths represent 15% (Sub-angular). Angular basement xenoliths compose approximately 1-2% of the CRX abundance. Such as granitoid with K-Feldspar and weathered surface features at 62.24 m. Maximum GAR size of 10 mm, ILM at 11 mm, and CPX at 11 mm. Fresh CPX apple green where GAR < CPX in size distribution. Small crystals of ILM. Magnetite dissemination throughout with a low abundance of phlogopite and serpentine. At 87.52 m, carbonate breccia occurring in LMST xenolith. Beige to dark gray juvenile pyroclasts, matrix-supported with sub-rounded, oxidized OLV. Moderate distribution of JP's averaging a diameter of 1.4 cm. Mantel xenolith at 58.50 m, possible peridotite containing oxidized OLV, with little alteration. Gradational contact ranging 130 mm. Mineral preservation is partly preserved, textural preservation is well preserved. Best representative hue is grayish blue – Hue 5PB 5/2, approaching pale blue 5PB 7/2 near 74 m.
95.78	157.12	Massive, medium-to-fine grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Sub-unit delineation based on high distribution percentage of unaltered LMST xenoliths, a significantly finer OLV grain size. Inequigranular average particle grain size over entire subunit with fine lapilli and medium lapilli intermixed. Olivine is partially altered to serpentine, mostly fresh crystals. Sub-rounded, with an average grain size of 2-5 mm. Total olivine percentage is 10-15% and the abundance percentage of more than 2 mm is between 3-5%. Maximum olivine grain size of 13 mm, minimum size of 0.1 mm. A 10% total xenolith abundance, with an average size of 1.8 cm. Completely to partly altered limestone xenoliths making up 9% of the relative CRX abundance, where unaltered limestone xenoliths represent 90% (Sub-angular, milky white to light beige lacking alteration halos). Sub-angular basement xenoliths compose approximately 1% of the CRX abundance, finely dispersed throughout subunit with K-Feldspar. Maximum GAR size of 9 mm, ILM at 7 mm, and CPX at 18 mm. Fresh serpentine only on joint and contact faces, semi-waxy appearance. Juvenile pyroclasts, matrix-supported with sub-rounded OLV less abundant than previous subunit, approximately 2-5% of total rock volume - brown to beige in colour. Mantel xenolith at 99.65 m, 3.5 cm in diameter possible peridotite containing fresh green to oxidized yellow/orange OLV, and apple green CPX. Calcite infilling of vugs near 102.50 m and 124.50 m. Sharp,

		irregular contact with a 39 degree dip angle relative to the core axis. Mineral preservation is well preserved, textural preservation is well preserved. Best representative hue is light bluish gray – Hue 5B 7/1.
157.12	180.00 (EOH)	Unaltered limestone, country rock. Fossiliferous unit with bedding ranging from 2-3 cm on average. Sharp contact between kimberlite and limestone at a 39 degree angle relative to the core axis. Mechanically broken areas causing significant rubble zones and common jointing. From 163.95 to 167.40 m, possible micro-fault in the LMST with wall rock softer than surrounding sub-unit. Calcite dissemination near 169.70 m where 169.70 to 172.45 m is a heavily bedded area, bedding approximately 60 degrees relative to core axis. Minimum bedding thickness of 0.4 cm with a maximum bedding thickness of 2.00 m. Textural preservation is well preserved and the best representative colour for the sub-unit is yellowish gray – Hue 5Y 7/2.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-016C

Easting	Northing	Elev	Azimuth	Dip	Depth
307611.1	5853401.5	84.4	174.2	-61.7	180.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: February 17, 2007
Hole End Date: February 25, 2007

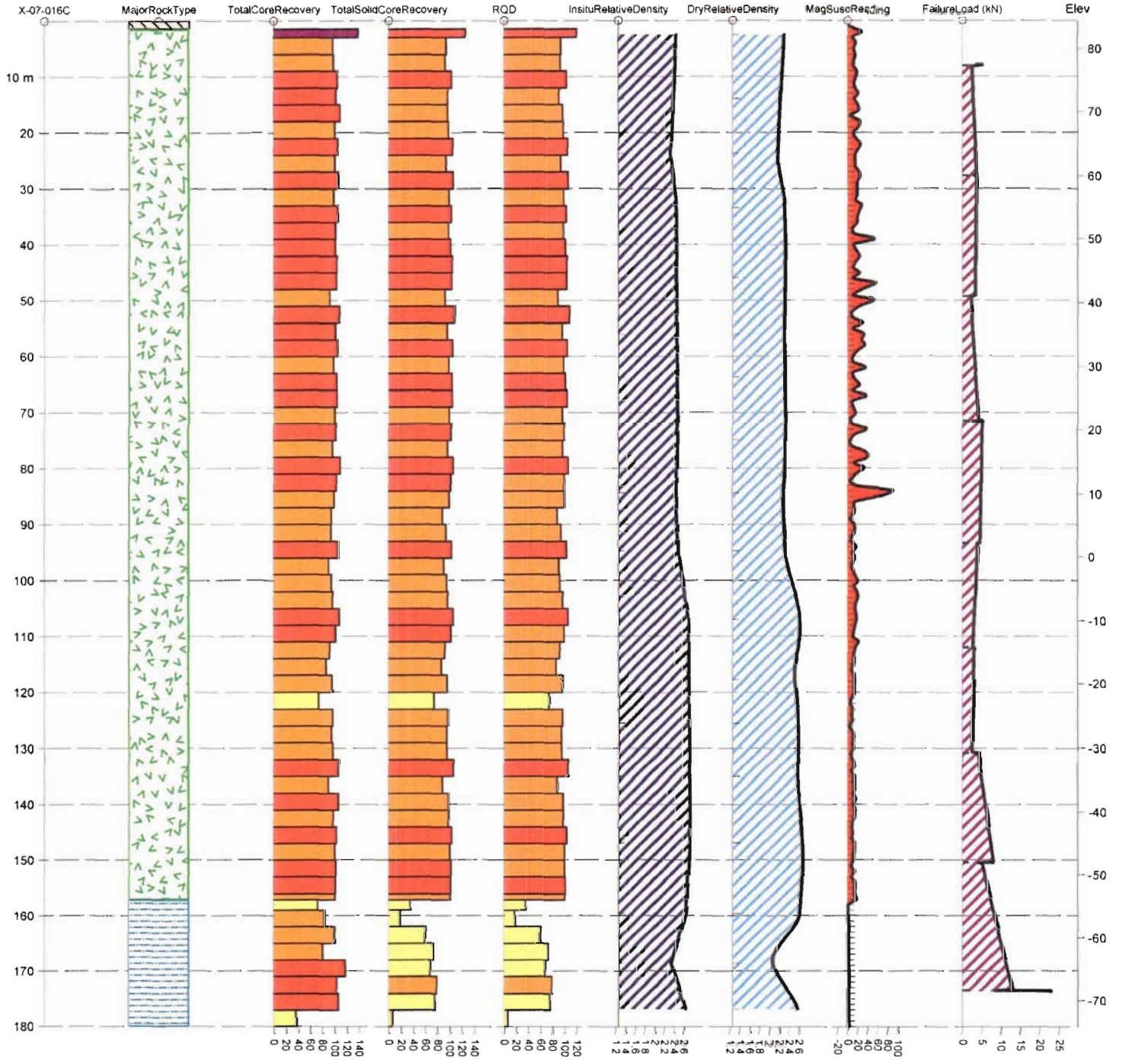
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-017C**
Easting: 307596.031
NAD: NAD83
Survey (EOH): Dip: 67.2° Azimuth: 232.7°

Drilling Contractor: FORACO Inc.
Northing: 5853393.582
Zone: 17
Collar Elevation: 84.315 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 25 February 2007
Casing Bit: HWT Casing Bit
Casing Set to: 1.5 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 March 2007
First Plug Depth: 5 m
Number of Bags of Cement: 3

Drilling Completed: 04 March 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 1.54 m

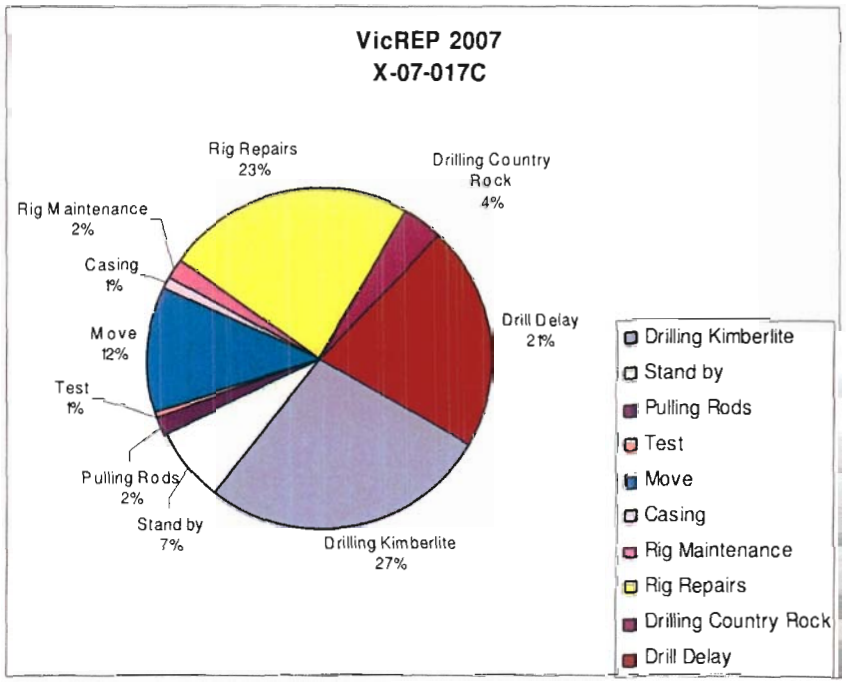
Predicted Base of Kimberlite: <250 m
Actual Base of Kimberlite: 210.42 m

End of Hole (EOH): 235.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 208.88 m
Number of Core Boxes: 87

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (27%) or country rock (4%). There was a significant lack of drill personnel resulting in 36 hours of drill delay (21%). Numerous rig repairs (23%) contributed 40 hours to elapsed time. The oil filter was replaced; the fuel line intake was fixed; the ground wire was replaced; and the O-ring washer on fuel pump was repaired. There was a 12 hour nightshift standby waiting for the helicopter to finish the drill move.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: X-07-017C	**Date Drilled: Feb 24-Mar 4, 2007**
Logged by: David Milstead	**Date Logged: Mar 1-4, 2007**
Top of Kimberlite: 1.542 m **Base of Kimberlite: 210.42 m**	**EOH: 235.00 m**

Summary Log

From	To	
0.00	1.54	Missing – Casing
1.54	54.15	Medium-grained Volcaniclastic Kimberlite
54.15	166.67	Medium-to-Coarse grained Volcaniclastic Kimberlite
166.67	210.42	Medium-grained Volcaniclastic Kimberlite
210.42	222.59	Non-fossiliferous Limestone
222.59	235.00 (EOH)	Fossiliferous Limestone

Depth (m) From	To	Description
0.00	1.54	Missing – Casing. NB: Driller cored casing.
1.54	54.15	Massive, medium-grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. From 1.54 to 11.12 m, drill damage close to casing, with mechanical fractures prevalent throughout this area. Olivine is partially altered and oxidized to a pale orange with minor fresh crystals (from 1.54 m to approximately 37.52 m). After initial oxidization, subunit predominantly fresh, pale green OLV crystals. Olivine distribution following a matrix-supported trend, with few microfine crystals. Sub-rounded with an average grain size of 2-5 mm. Total olivine percentage is 10% and the abundance percentage of more than 2 mm is between 1-2%. Maximum olivine grain size of 14 mm, minimum size of 0.2 mm. A 5-7% total xenolith abundance, with an average size of 1.6 cm. Completely to partly altered limestone xenoliths making up 92-93% of the relative CRX abundance (dark green with sections approaching dark blue), where unaltered limestone xenoliths represent 5% (Angular). Large alteration halos near 14.00 m, 30.00 m, 32.00 m, and 32.50 m. Unaltered LMST xenoliths lack zoning – light green to grayish beige in colour, smooth well defined contacts. Sub-angular basement xenoliths compose approximately 2-3% of the CRX abundance. Maximum GAR size of 10 mm, ILM at 7 mm, and CPX at 13 mm. CPX > ILM > GAR in modal abundance, where ILM is smaller in actual grain size. GAR are mauve to dark red. Fresh serpentine crystals present, lacking typical waxy texture and moderate magnetite dissemination. At 19.16 m, possible occurrence of autoliths with moderate to fresh LMST core, several occurrences are unclear between an altered LMST xenolith with a highly fractured and disseminated alteration halo. Juvenile pyroclasts, matrix-supported with sub-rounded, oxidized OLV. Ranging from 2 mm to 1.4 cm in diameter, with fine grained dark gray matrix. No presence of mantle xenoliths in subunit. Distinct but gradation contact ranging 840 mm. Calcite veining and alteration with moderate

number of cemented joints. Mineral preservation is partly to well preserved, textural preservation is well preserved. Best representative hue is Grayish Blue – Hue 5PB 5/2. Contact based on significant decrease in the alteration of xenoliths and a change in the distribution of OLV grain sizes.

54.15 166.67 Massive, medium-to-coarse grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Subunit break based on a change in OLV grain size distribution, lack of alteration in LMST xenoliths, and the presence of a mantle xenolith population.

Olivine predominantly fresh, lacking significant oxidization for majority of subunit – pale green with fresh OLV crystals. From 54.15 to 67.17 m, oxidized, pale orange to yellow OLV present. Sub-rounded, with an average grain size of approximately 5 mm. Total olivine percentage is 12-15% and the abundance percentage of more than 2 mm is between 4-5%. Maximum olivine grain size of 25 mm, minimum size of 0.3 mm. A 3-5% total xenolith abundance, with an average size of 2.4 cm. Completely to partly altered limestone xenoliths making up 10% of the relative CRX abundance, where unaltered limestone xenoliths represent 85-86% (Angular, sharp). Pale yellow to milky white in appearance. Angular basement xenoliths compose approximately 4-5% of the CRX abundance. At 97.20 m, basement granitoid containing black to beige inclusions, with presence of feldspar and possible plagioclase. Maximum GAR size of 17 mm, ILM at 9 mm, and CPX at 16 mm. Lacking serpentine, or serpentinization in olivine throughout subunit. Distinct banding effect within KMBL, moving from intensely altered to less altered areas – causing a colour variation from yellowish gray to dark gray, appearing in bands. Within banding areas, significant magnetite veining and dissemination. At 64.62 m, large unaltered LMST xenolith with large void space, calcite dissolution at 64.95 m.

Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. From 74.50 to 75.33 m, distinct transition in kimberlitic matrix composition causing a significant increase in juvenile pyroclasts. At 126.98 m, autolith 9 cm in diameter with dark beige to orange matrix and large fresh green OLV macrocrysts, fresh CPX, and deep crimson garnets. Presence of garnet rich mantle xenoliths (with surrounding autoliths). At 97.10 m, mantle xenolith containing OLV, CPX – possible peridotite. At 105.34 m GAR, CPX, and OLV rich mantle xenolith – possible garnet peridotite with fresh OLV and apple green CPX. Brecciated contact ranging 4.09 m. At 83.95 m, large calcite lens with inclusions, causing a pink to red hue and from 81.00 to 84.00 m, heavy calcite veining. From 70.48 to 70.67 m, distinct (alteration) lens breaking up KMBL into a brecciated texture, separating OLV grains into a uniform distribution. At 78.00 m, presence of moderate calcite veining, leading up to a heavy area at 83.95 m – frequent unbroken cemented calcite joints. Mineral preservation is partly preserved, textural preservation is well preserved. Best representative hue is Grayish Blue – Hue 5PB 5/2.

Additional features at specific depth marks include:

At 129.45 m, BSMT granitoid, 5.00 cm in diameter with staining/ weathering in crystals. Alteration zone surrounding semi-circular igneous intrusion. Possible well defined feldspar crystals.

At 132.35 m, BSMT granite, 7.5 cm in diameter, alteration on the outer edges. Serpentine veining, originating in KMBL and moving thought xenolith. Large well defined feldspar crystals present with possible mica inclusions. At 149.16 m, basement xenolith approx. 7 cm in diameter with alteration on outer edges, staining and weathering within crystals, curved elongated appearance.

At 135.50 m, mantle xenolith 4.0 cm in diameter. Fresh, apple green CPX with dark red to crimson red GAR. Magnetite rim around entire entity – possible garnet peridotite. At a depth of 140.64 m, mantle xenolith composed predominantly of CPX and OLV with trace amounts of fine grained GAR – 2.50 cm in diameter.

Magnetite void, crystallized in cavity at 143.90 m – dark black metallic luster. At 146.10 m, unusual xenolith containing intense carbonate veining, irregular in shape with sharp edges, and possible fluid flow of carbonate – presence of banding within xenolith.

From 162.58 to 166.67 m, altered breccia zone where kimberlite's modal abundance approx. 15% to 50%. Within this region are unaltered xenoliths, large OLV macrocrysts oxidized to pale orange with average OLV grain size 0.6 cm. Fresh CPX, apple green in colour. Brecciated contact zone with no relative angle to core axis.

166.67 210.42 Massive, medium-grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Subunit based on increased alteration (in comparison to previous subunit), greater abundance of serpentine, fresh OLV macrocrysts, a decrease in the mantle xenolith population, with a significant decrease in the BSMT xenolith population as well.

Olivine fresh, pale green with the exception of highly altered zones of oxidized OLV, pale orange in colour. Rounded, with an average grain size of 2-5 mm. Total olivine percentage is 7-10% and the abundance percentage of more than 2 mm is between 2%. Maximum olivine grain size of 16 mm, minimum size of 0.2 mm. A 10-12% total xenolith abundance, with an average size of 3.5 cm. Completely to partly altered limestone xenoliths making up 20% of the relative CRX abundance (Near 168.32 m, calcite and altered serpentine veining in partly altered LMST xenolith), where unaltered limestone xenoliths represent 78-79% (Angular). Angular basement xenoliths compose approximately 1-2% of the CRX abundance. Basement xenoliths at 169.30, 169.55, and 171.02 m – approximately 2 cm in diameter, granitoid contains well formed feldspar crystals. Maximum GAR size of 16 mm, ILM at 11 mm, and CPX at 16 mm. At 175.43 m, rich section of mauve to purple garnet crystals.

Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. Mantle xenolith at 171.20 m, containing moderate sized garnet core with CPX surrounding – approx. 1.8 cm in diameter with magnetite and ILM surrounding sub-angular grain contact with KMBL. Broken and gradational contact ranging approximately 1.50 m. At 167.94 m, autolith with dark green altered LMST core, CPX and fine grained OLV present throughout. Calcite veining within LMST xenoliths present at a depth of 185.29 m. Mineral preservation is partly preserved, textural preservation is well preserved. Best representative hue is Dark Greenish Gray – Hue 5G 4/1. Where alteration zones appearing Dark Yellowish Orange – Hue 10YR 6/6

		with gray undertones.
210.42	222.59	Unaltered limestone, country rock. Non-fossiliferous unit with bedding ranging from a 1.50 m maximum to a 2.00 cm minimum. Moderately sharp contact between kimberlite and limestone. Mechanical drill damage present, causing areas classified as mechanical rubble zones. From 212.40 – 213.00 m, moderately weathered sand/ silt stone with patches of finer, less consolidated clay. Textural preservation is well preserved and the best representative colour for the subunit is Yellowish Gray – Hue 5Y 7/2.
222.59	235.00 (EOH)	Interbedded partly-altered limestone, country rock. Highly fossiliferous unit with bedding ranging from a 16.00 cm maximum to a 2.00 cm minimum. Gradational change between non-fossiliferous unit above and present unit. Less mechanically broken areas and fewer sections of jointing. From 228.00 to 228.36 m, highly oxidized and weathered clay unit displaying as a crimson red hue, especially in broken, fractured areas. Presence of possible calcified reef, shells and coral with inter-sedimented beds. Attempted movement of fossils from one location (bed) to another within subunit – possible amalgamated fossil zones. Textural preservation is well preserved and the best representative colour for the subunit is Yellowish Gray – Hue 5Y 7/2. Areas of high oxidization are significantly darker than overall subunit.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-017C

Easting	Northing	Elev	Azimuth	Dip	Depth
307596.0	5853393.6	84.3	232.7	-67.2	236.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: February 25, 2007
Hole End Date: March 4, 2007

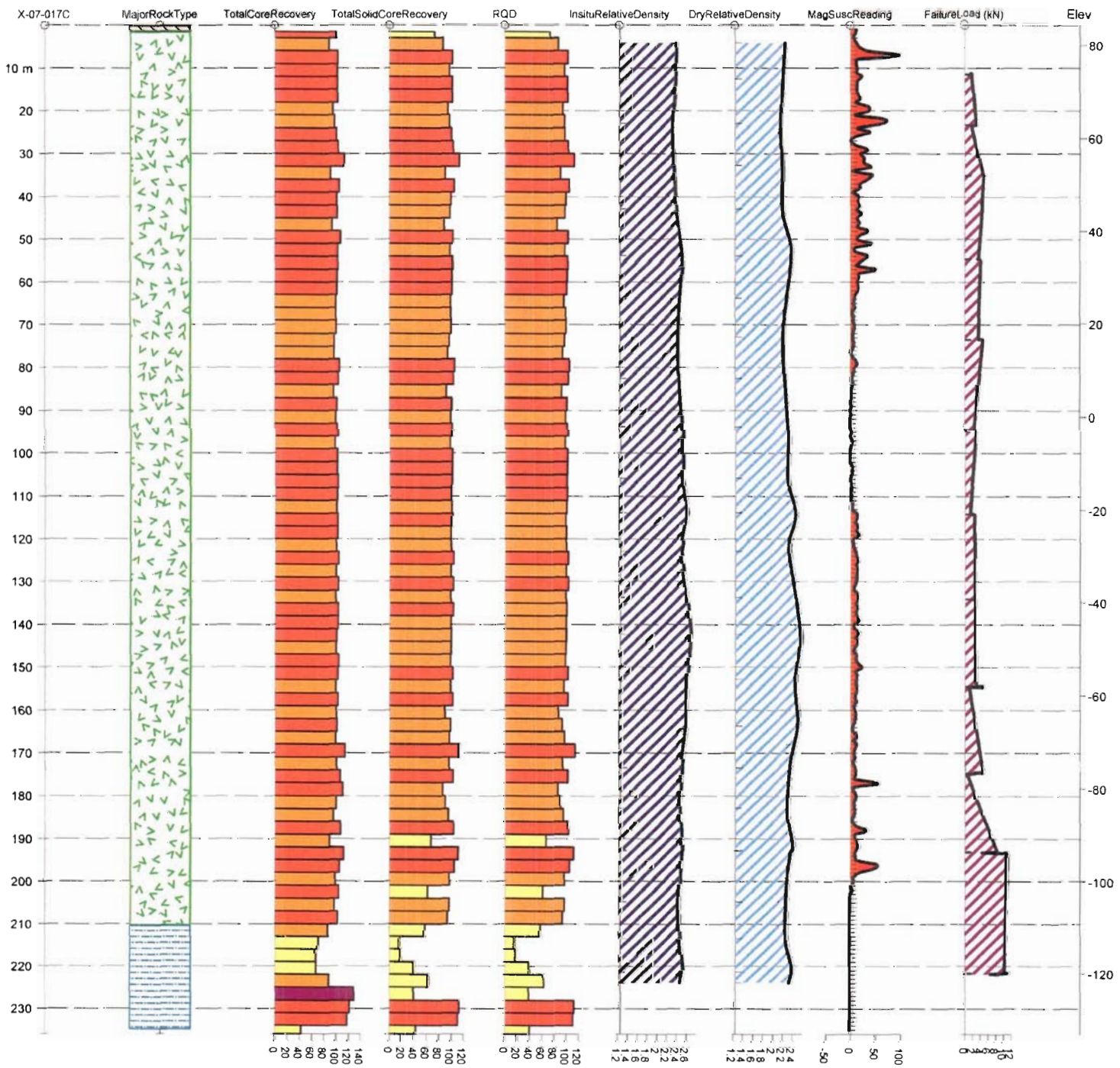
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
LMST Limestone
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-018C**
Drilling Contractor: FORACO Inc.
Easting: 307603.854
Northing: 5853396.876
NAD: NAD83
Zone: 17
Survey (EOH): Dip: 46.50° Azimuth: 333.20°
Collar Elevation: 84.533 m
Drill Rig Type: LF-70
Drill Rig Number: LF-1
Drilling Started: 04 March 2007
Drilling Completed: 10 March 2007
Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm
Casing Set to: 3.5 m
Bit Diameter (Hole Diameter HQ): 96 mm
Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm
Reason: -
Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes
Date of Abandonment: 16 March 2007
Total Number of Bags of Cement: 3
First Plug Depth: 5 m
Second Plug Depth: -
Number of Bags of Cement: 3
Number of Bags of Cement: -

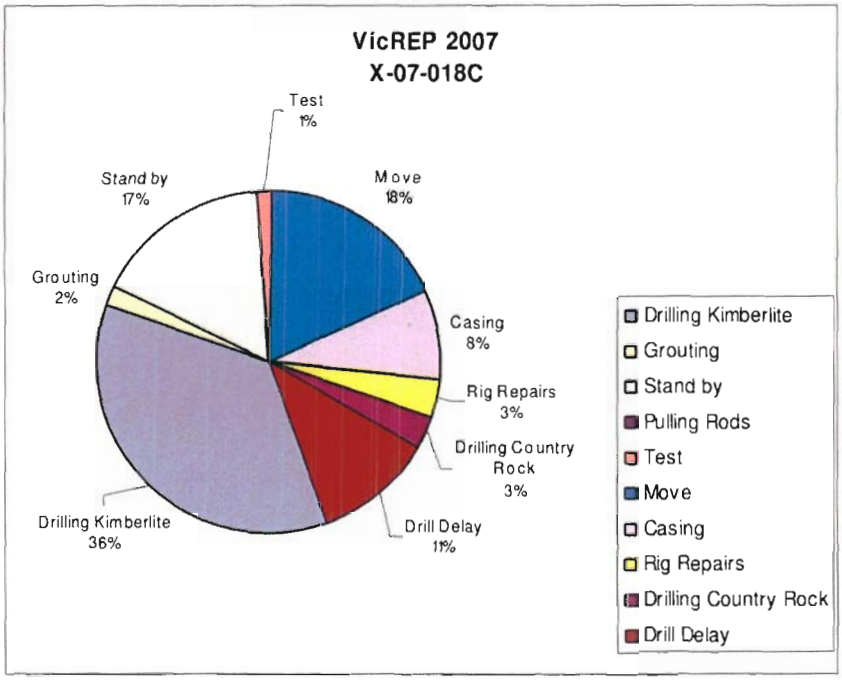
Comments: -

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: >=250 m
Actual Top of Kimberlite: 0.60 m
Actual Base of Kimberlite: 158.71 m

End of Hole (EOH): 184.0 m
Meters of Kimberlite Drilled: 134.75 m
EOH Lithology: Limestone
Number of Core Boxes: 66

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (36%) or country rock (3%). There was a shortage of drill personnel to run both rigs resulting in 16 hours of drill delay (11%) at X-07-018C. Two 12 hour nightshifts were on standby (17%) waiting for the helicopter to finish the drill move.

Project: VicREP 2007

Drill Hole: X-07-018C

Logged by: M. Hildebrandt

Top of Kimberlite: 0.60 m
Base of Kimberlite: 158.71 m

Core Size: HQ

Date Drilled: Mar 4-10, 2007

Date Logged: March 8-10, 2007

EOH: 184.00 m

Summary Log

From	To	
0.00	0.60	Missing – Casing
0.60	63.00	Fine to Medium Volcaniclastic Kimberlite
63.00	110.11	Fine to Medium Volcaniclastic Kimberlite
110.11	136.60	Country Rock – Interbedded sediments
136.60	158.71	Medium to coarse Volcaniclastic Kimberlite breccia
158.71	184.00	Country Rock – Interbedded sediments

Depth (m) From	To	Description
0.00	0.60	Missing – Casing. NB: Driller cored casing.
0.60	63.00	There is lots of drill damage in the top 9 m of the core; however, despite this, the minerals and textures are well preserved. The colour is medium bluish grey (Hue 5B). The average particle size is medium lapilli and the size of the five largest particles is 9, 12, 17, 20, and 76 cm. The average largest particle is 26.8 cm. The dominant olivine grain size is fine to medium grained. Olivine ranges from unaltered to completely altered. Unaltered olivine is light green and crystalline. The completely altered olivine is light to deep orange. There are sections where olivine macrocrysts are fresh and angular to sub-rounded. There is a slight increase in olivine grain size and alteration with depth. Olivine represents 10 percent of the rock volume with a maximum size of 12 mm. The total xenolith abundance is 7-10 percent. The average xenolith size is 8 cm. The unit is clast to matrix supported, fragmental, poorly sorted, and has a random grain orientation. Limestone xenoliths range from unaltered to completely altered. Some are fossiliferous. There is a 76 cm limestone xenolith with fossils that have both internal and possibly external preservation. These fossils have produced cavities within an otherwise massive limestone unit. Carbonate veining is present in small sections throughout the unit in comparison to magnetite patches which are common. 3.10-37.14 m: Limestone xenoliths tend to be dark green with an alteration halo 37.14-63.00 m: Limestone is unaltered and tends to have some zoning. 58.84-59.27 m: Limestone xenolith; massive
63.00	110.11	The core is very brittle and broken. The colour ranges from dark grey to medium bluish grey (Hue 5B). The average particle size is coarse lapilli and the size of the five largest particles is 22, 55, 61, 318, and 325 cm. The average largest particle is 156.2 cm. The dominant olivine grain size is fine to medium grained. It is clast to matrix supported, fragmental, and poorly sorted. Grains are randomly oriented.

Olivine represents 5 percent of the rock volume with a maximum size of 3 mm. The total xenolith abundance is 10 percent. The average xenolith size is 15 cm.
Garnet is the most abundant compared to CPX, and Ilmenite has the least abundance.
Garnets are shades of orange to deep red, and the crystal shape is rounded. CPX is fresh to altered. The CPX ranges from a bright green to a milky pale pink. Mantle xenoliths were not observed. Juvenile pyroclasts are present. The contact is broken.

65-66 m: Limestone xenoliths are mostly black making the kimberlite seem blotchy
72.00-75.18 m: Limestone xenolith is massive; reddish alteration at top and bottom; some carbonate veins; intermixed with volcaniclastic kimberlite
83.87-84.48 m: Limestone xenolith; some fossils
90.20-93.45 m: Limestone xenolith/ clay; massive; reddish alteration throughout
109.41-110.11 m: perfectly parallel carbonate spider veins at 32 degrees to the core axis

110.11 136.60 This unit consists of brecciated sediments and includes sections of interbedded kimberlite.
110.11-111.60 m: interbedded sandstone and mudstone; sandstone beds are 2-3 cm; mudstone beds are 0.3-1 cm; no fossils; contact is sharp 50 degrees to the core axis
111.60-111.93 m: volcaniclastic kimberlite breccia (KBB); very serpentinized; medium bluish grey; contact broken
111.93-112.85 m: interbedded sandstone and mudstone; sandstone beds are 2-5 cm; mudstone beds are 0.4 cm; no fossils; contact is sharp 50 degrees to the core axis
112.85-115.65 m: volcaniclastic kimberlite; lots of carbonate veins; limestone xenoliths are abundant; granitic basement xenoliths are common; mantle xenoliths average at 10 mm; CPX up to 20 mm; JP up to 30 mm; light grey
115.65-136.60 m:
115.65-126.00 m: mixed sand and clay
117.20-117.68 m: yellowish clay contains possible garnets and ilmenite
126.00-135.28 m: limestone; possible trace fossils
135.28-136.60 m: sandstone with clay; some bedding; no fossils

136.60 158.71 This unit of massive medium to coarse grained volcaniclastic kimberlite breccia is matrix to clast supported with poor sorting and a random grain alignment. The minerals and textures are partly preserved. The colour is medium bluish grey (Hue 5B). The average particle size is coarse lapilli and the size of the five largest particles is 5, 6, 6, 15, and 122 cm. The average largest particle is 30.8 cm. The dominant olivine grain size is medium to coarse grained. Olivine represents 30 percent of the rock volume with a maximum size of 20 mm. The total xenolith abundance is 15 percent. The average xenolith size is 10 cm. The breccia is 60 percent of the total unit. When it is not a breccia, the xenolith abundance is 10 percent. Between 131-135 m and 150-153 m, the matrix is mostly carbonate.
CPX is as abundant as garnet. Ilmenite is the least abundant. Ilmenite is sub rounded. Garnet is fresh to slightly altered with no rim.
Of the total xenoliths, limestone xenoliths comprise 99 percent. The other 1 percent is interbedded sediment xenoliths. The interbedded sediment xenoliths are unaltered. Limestone xenoliths are sub rounded to angular

		ranging from white to black in colour with some fossils. Chloritized phlogopite is present as angular moderately well crystallized books that average at 5 mm. The contact is broken.
158.71	184.00 (EOH)	Contacting with the kimberlite is a brecciated limestone with some bedding features. There are fossils within the top 30 cm of the unit. 180-184 m: no visible fossils; some alteration along bedding planes.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-018C

Easting	Northing	Elev	Azimuth	Dip	Depth
307603.9	5853396.9	84.5	333.2	-46.5	184.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 4, 2007
Hole End Date: March 10, 2007

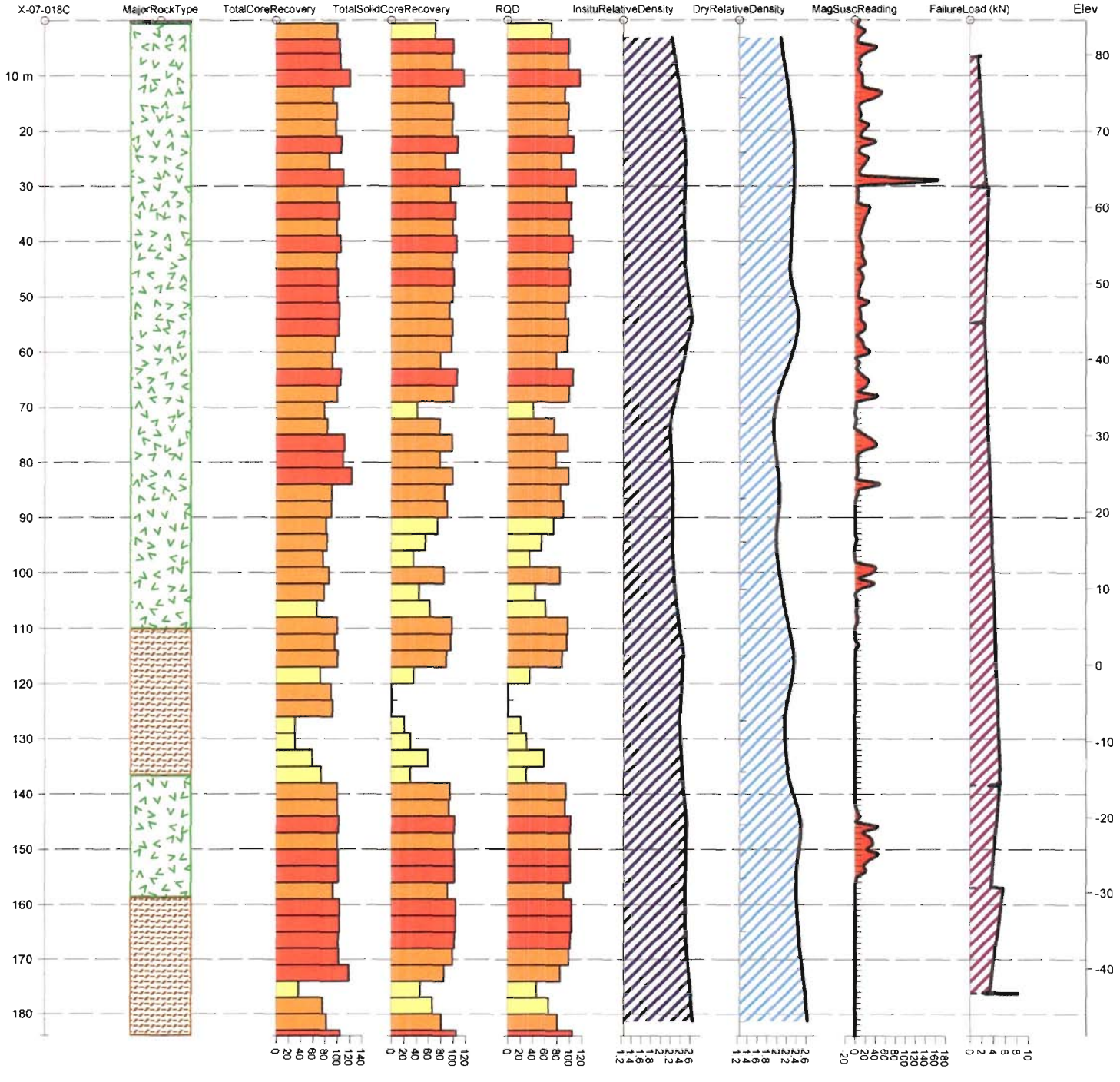
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
IBSED Interbedded siltstone/sandstone/mudstone
VK Volcaniclastic kimberlite

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-019C**
Drilling Contractor: FORACO Inc.

Easting: 307541.117
Northing: 5853346.882

NAD: NAD83
Zone: 17

Survey (EOH): Dip: 89.8° Azimuth: 206.6°
Collar Elevation: 84.505 m

Drill Rig Type: LF-70
Drill Rig Number: LF-1

Drilling Started: 08 April 2007
Drilling Completed: 11 April 2007

Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm

Casing Set to: 6 m
Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes

Date of Abandonment: -
Total Number of Bags of Cement: 5

First Plug Depth: 7 m
Second Plug Depth: 180 m

Number of Bags of Cement: 3
Number of Bags of Cement: 2

Comments:

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: NA

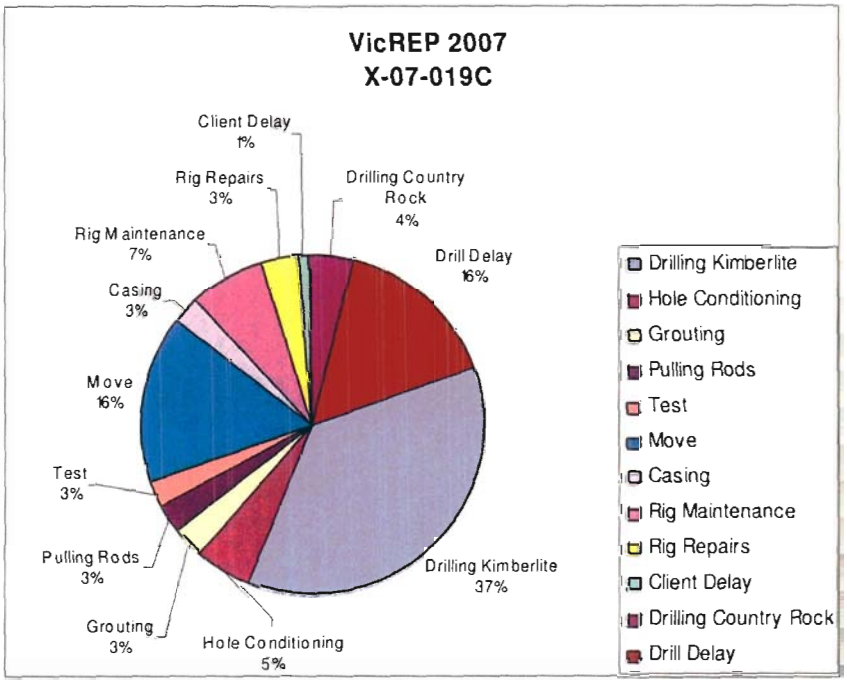
Actual Top of Kimberlite: 53.70 m
Actual Base of Kimberlite: 201.00 m

End of Hole (EOH): 216.00 m
Meters of Kimberlite Drilled: 147.30 m

EOH Lithology: Limestone
Number of Core Boxes: 65

Reason Hole Called: Hole was completed in limestone and bad ground conditions were encountered
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (37%) or country rock (4%) and moving (16%). There was a shortage of drill personnel to run both rigs resulting in 12 hours of drill delay (16%). Rig maintenance (7%) at X-07-019C including old Whiskey drill site clean ups contributed to 5.5 hours of elapsed time.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: X-07-019C | **Date Drilled: April 8-11, 2007**

Logged by: Gargi Mishra | **Date Logged: April 12, 2007**

Top of Kimberlite: 53.70 m | **EOH: 216.00 m**
Base of Kimberlite: 201.00 m

Summary Log

From	To	
0.00	5.47	Missing
5.47	5.85	Muskeg
5.85	53.70	Limestone (Limestone mixed with highly altered kimberlite (?) and sandstone.
53.70	129.65	Kimberlite
129.65	201.00	Kimberlite Breccia (micro-breccia)
201.00	216.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	5.47	Missing - Casing
5.47	5.85	Brown colour, massive muskeg.
5.85	53.70	Massive limestone block mix with highly carbonatized, completely altered kimberlite (?) at places. Limestone mixed with sandstone and very fine mudstone. Mica and cpx seen at places. Country rock xenolith of basement seen in between mudstone. Baked limestone seen in between mudstone. From approximately 43 m depth onwards interaction between limestone and kimberlite is more apparent. Lower contact is broken.
53.70	129.65	Massive, volcaniclastic, clast to matrix-supported kimberlite. From 53.70 to 59.00 m depth kimberlite show intense carbonate vein. From 53.70 to 56.40 m depth is highly weathered clayey kimberlite. From 56.40 to 129.65 m depth is alternate grey and brown color kimberlite. Contact between grey and brown kimberlite is distinct and low angle dipping. Grey color kimberlite has olivine altered to serpentine and or fresh, brown color kimberlite show olivine altered to orange. Grey kimberlite is matrix to clast supported; brown kimberlite is more clast-supported. Overall not much difference in terms of olivine percentage, indicators and country rock xenoliths. Olivine abundance percentage is 75 percent and olivine more than 2mm in size is approximately 45 percent. Average size of olivine is fine to medium-grained. Cpx are most abundant followed by ilmenite and garnet. Garnets are purple in color. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub angular. From 90.15 to 91.86 m depth and 94.74 to 96.30 m depth is massive limestone. Magmaclasts are seen more commonly as thick selvage around country rock xenoliths. Lower contact is broken.
129.65	201.00	Kimberlite breccia with country rock xenoliths of limestone more abundant than 15 percent. Country rock xenoliths of limestone are altered to unaltered in nature and are angular in shape. Kimberlite is clast-supported massive, grey in color. Olivine altered to serpentine and or fresh.

		Abundance percentage of olivine is approximately 70 percent. Abundance percentage of olivine more than 2mm in size is 45 percent. Average size of olivine is medium to coarse-grained. Cpx are most abundant followed by ilmenite and garnet. Garnets are purple and deep red in color. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular. Magmaclast seen as thick selvage around country rock xenoliths. Autoliths very common. Brown color kimberlite having olivine altered to orange seen at places in between grey color kimberlite. Mantle xenoliths seen at places highly altered in nature. Lower contact is broken.
201.00	216.00 (EOH)	Massive limestone.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-019C

Easting	Northing	Elev	Azimuth	Dip	Depth
307541.1	5853346.9	84.5	206.6	-89.8	216.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 8, 2007
Hole End Date: April 11, 2007

Rig Number: LF-1

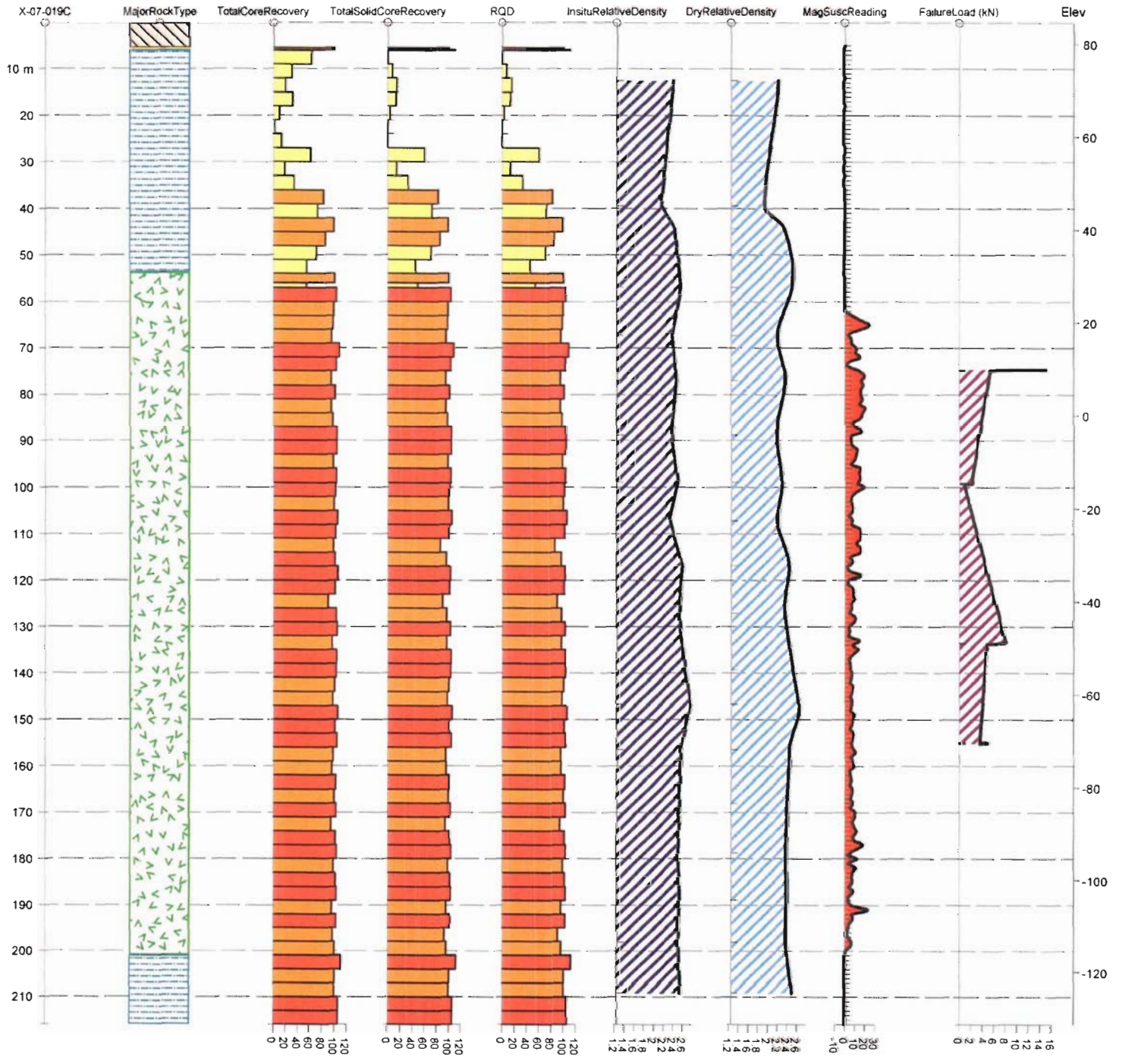
DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

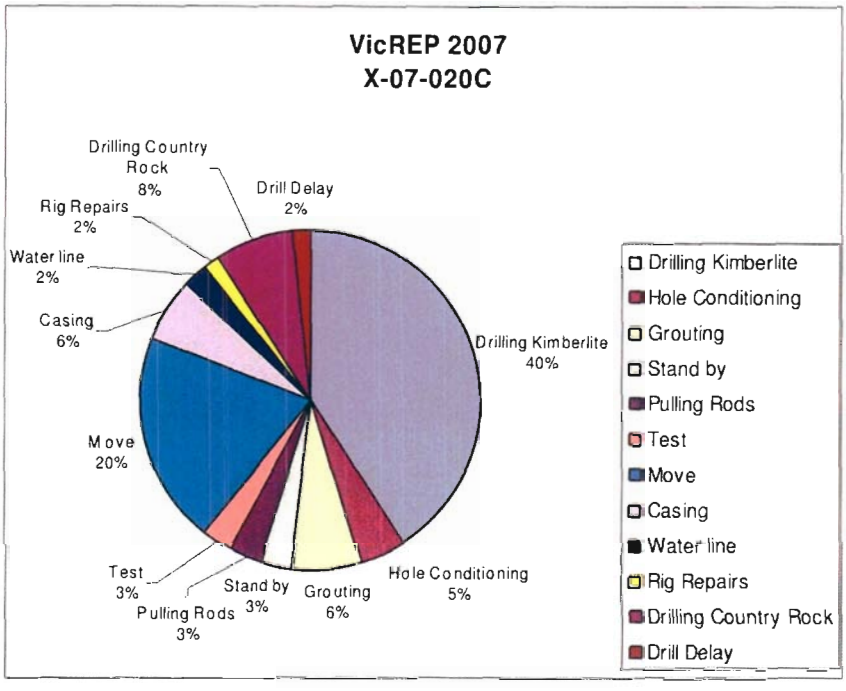
CA	Casing	
LMST	Limestone	
OB	Overburden	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125	
≤ 125	
≤ 100	
≤ 75	



TIME MOTION CHART



The majority of the time was spent drilling kimberlite (40%) or country rock (8%) and moving (20%). There would good drilling conditions at X-07-020C causing the elapsed time for other activities to appear longer.

2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-020C**
Easting: 307645.830
NAD: NAD83
Survey (EOH): Dip: 88.9° Azimuth: 311.1°

Drilling Contractor: FORACO Inc.
Northing: 5853340.534
Zone: 17
Collar Elevation: 84.463 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 19 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 12 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 7 m
Number of Bags of Cement: 3

Drilling Completed: 22 April 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 6
Second Plug Depth: 194 m
Number of Bags of Cement: 3

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 59.70 m

Predicted Base of Kimberlite: >=250 m
Actual Base of Kimberlite: 184.50 m

End of Hole (EOH): 210.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 124.80 m
Number of Core Boxes: 63

Reason Hole Called: Hole was completed in limestone.
Comments: -

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: X-07-020C | **Date Drilled: April 19-22, 2007**

Logged by: Gargi Mishra | **Date Logged: April 23, 2007**

Top of Kimberlite: 59.70 m | **EOH: 210.00 m**
Base of Kimberlite: 184.50 m

Summary Log

From	To	
0.00	11.36	Missing - Casing
11.36	59.70	Limestone block mixed with highly carbonatised kimberlite
59.70	108.00	Kimberlite –medium grained
108.00	184.50	Kimberlite breccia with high concentration of country rock xenoliths.
184.50	210.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	11.36	Missing – Casing. NB: Driller cored casing.
11.36	59.70	Massive limestone block mixed with highly carbonatised kimberlite at places. Interaction of kimberlitic fluid within limestone seen at places. Relict worn out olivine seen at places.
59.70	108.00	Massive, brown to grey color, volcaniclastic kimberlite. Clast-supported medium-grained kimberlite. Olivine altered to serpentine or to orange or fresh at places. Abundance percentage of olivine is ~80 percent; abundance of olivine more than 2mm in size is ~ 60 percent. Magmaclast irregular more commonly seen as selvage around country rock and macrocrytsic olivine. Cpx are most abundant followed by garnet and ilmenite. Garnets are purple in color. Mantle xenoliths are seen mainly consist of purple garnet and cpx varies in size from 1-5mm. Concentration of country rock xenoliths is very low. Limestone is more abundant than basement. Limestone is angular to sub-angular and is unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are completely to partially altered. From 80.00 to 102.00 m depth kimberlite is highly serpentinised and weathered. Matrix is clayey in nature, serpentinised to carbonatised at places. Lower contact is gradational.
108.00	184.50	Massive, clast-supported, medium to coarse-grained, brown to grey color kimberlite. Olivine altered to orange to serpentine and or fresh. Abundance percentage of olivine is ~80 percent; abundance percentage of olivine more than 2mm in size is ~70 percent. From ~141 m depth onward olivine is more serpentinised and kimberlite is grey in color. Magmaclast irregular more commonly seen as selvage around country rock and macrocrystic olivine. Cpx and garnet are almost equally abundant followed by ilmenite. Garnets are purple in color. Mantle xenoliths seen mainly consist of purple garnet and cpx maximum size seen as ~35 mm. Concentration of country rock xenoliths is very high varies from 15-20 percent. Limestone is more abundant than basement. Limestone is angular to sub-angular and is unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are completely to partially altered. Carbonate veins are very common.

		Magnetite seen at places. Lower contact is distinct but broken.
184.50	210.00	Massive limestone with clayey at places. EOH

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-020C

Easting	Northing	Elev	Azimuth	Dip	Depth
307645.8	5853340.5	84.5	311.1	-88.9	210.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 19, 2007
Hole End Date: April 22, 2007

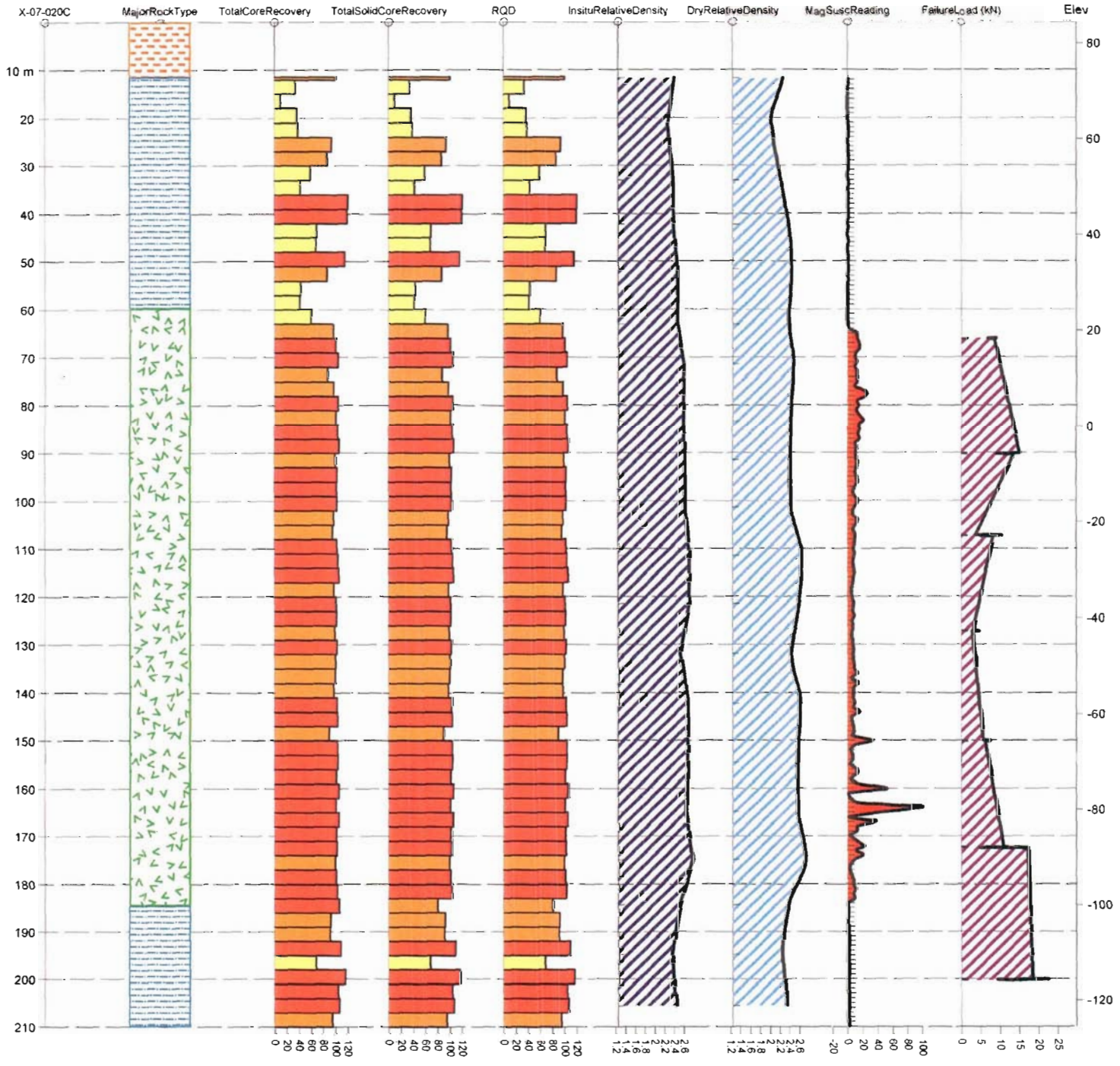
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

LMST Limestone
MDST Mudstone
VK Volcaniclastic
kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-021C**
Drilling Contractor: FORACO Inc.
Easting: 307650.228
Northing: 5853448.705
NAD: NAD83
Zone: 17
Survey (EOH): Dip: 89.80° Azimuth: 345.80°
Collar Elevation: 84.347 m
Drill Rig Type: LF-70
Drill Rig Number: LF-1
Drilling Started: 31 March 2007
Drilling Completed: 08 April 2007
Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm
Casing Set to: 7.5 m
Bit Diameter (Hole Diameter HQ): 96 mm
Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm
Reason: -
Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes
Date of Abandonment: 13 April 2007
Total Number of Bags of Cement: 6
First Plug Depth: 8 m
Second Plug Depth: 138 m
Number of Bags of Cement: 3
Number of Bags of Cement: 3

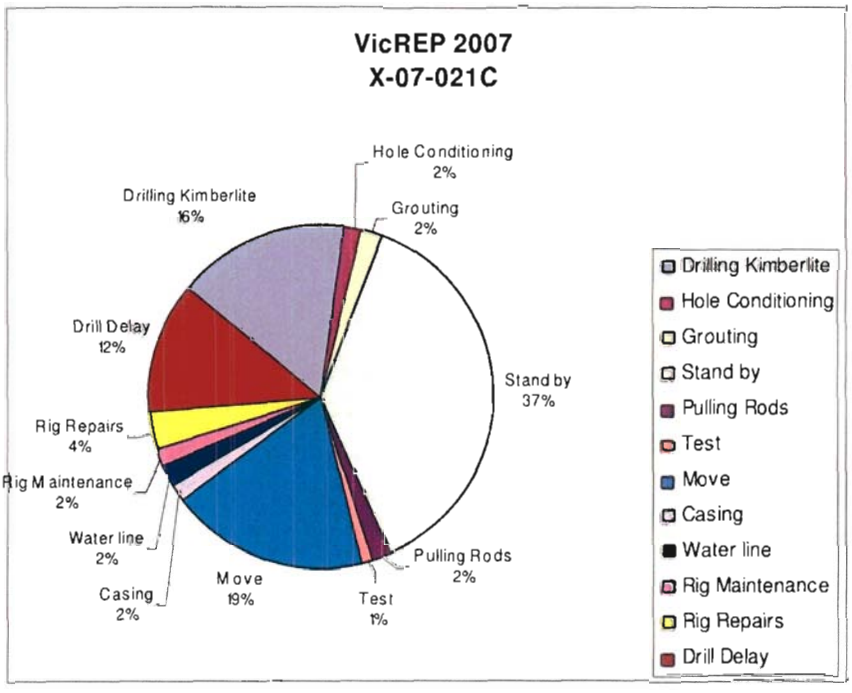
Comments: -

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: NA
Actual Top of Kimberlite: 7.45 m
Actual Base of Kimberlite: 168.00 m

End of Hole (EOH): 168.00 m
Meters of Kimberlite Drilled: 148.81 m
EOH Lithology: Limestone/ KBBB
Number of Core Boxes: 56

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



Poor weather conditions resulted in 72 hours of stand by (37%) when the helicopter was grounded. The snowstorm resulted in 3 hours of rig maintenance (2%) and work on the waterline (2%). The drill move (19%) was longer at 36 hours because the rig needed to move from Bravo to X-07-021C. There was also a shortage of drill personnel to run both rigs resulting in 24 hours of drill delay (12%) and some rig repairs (4%). Drilling conditions were good and comparable to the rest of the program.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: X-07-021C | **Date Drilled: Mar 31-Apr 8, 2007**

Logged by: M. Hildebrandt | **Date Logged: April 5-9, 2007**

Top of Kimberlite: 7.45 m | **EOH: 168.00 m**
Base of Kimberlite: 168.00 m

Summary Log

From	To	
0.00	7.45	Missing – Casing
7.45	72.00	Fine to Medium Volcaniclastic Kimberlite
72.00	136.37	Medium Volcaniclastic Kimberlite
136.67	142.18	Country Rock – Brecciated limestone with interbedded sediments
142.18	148.11	Country Rock/ Kimberlite breccia (98% xenoliths)
148.11	154.96	Fine to medium grained volcaniclastic Kimberlite Breccia (15% xenoliths)
154.96	168.00 (EOH)	Kimberlite Breccia (90% xenoliths)

Depth (m) From	To	Description
0.00	7.45	Missing – Casing. NB: Driller cored casing.
7.45	72.00	In this unit, there is significant mechanical damage. This fine to medium grained volcaniclastic kimberlite is clast to matrix-supported. The matrix is altered to a dark yellowish green colour. The average particle size is medium lapilli and the size of the five largest particles is 15, 30, 30, 36, and 55 cm. The average largest particle is 33.2 cm. The dominant olivine grain size is fine to medium-grained. Grain sizes are poorly sorted and randomly oriented. Olivine represents 10 percent of the rock volume with a maximum size of 30 mm. The total xenolith abundance is 10 percent. The average xenolith size is 3 cm. Limestone xenoliths are dominant, and they range from angular to sub-rounded. Some limestone xenoliths are zoned. Olivine ranges in colour from an opaque orange to a fresh, crystalline olive green. There are rounded olivine megacrysts present that may be dunitic xenoliths. Garnet is rounded, purplish-red, fresh, and not rimmed. The CPX is fresh to slightly altered, sub rounded and bright green. Some larger opaque grains of CPX may be mantle xenoliths. Ilmenite is fresh, sub rounded, and black with a metallic lustre. CPX is more abundant than garnet; Ilmenite is the least abundant. The contact is gradational.
72.00	136.37	This is a medium-grained volcaniclastic kimberlite unit that appears brecciated in sections. The average particle size is coarse lapilli and the size of the five largest particles is 30, 56, 74, 91, 194 cm. The average largest particle is 89 cm. There is no grain alignment. The dominant olivine grain size is medium-grained. Olivine grain size coarsens with depth and abundance increases as well. There is a higher amount of xenoliths. Mantle xenoliths are dominantly peridotitic and are more pronounced. They are rounded and coarser compared to the upper unit. This fragmental, poorly sorted unit is clast to matrix-supported; however, the unit becomes clast-supported because it

coarsens significantly. The matrix is altered to a greyish blue giving the overall rock the colour of medium bluish grey (hue 5B). Olivine represents 7 percent of the rock volume with a maximum size of 30 mm. The total xenolith abundance is 15 percent. The average xenolith size is 10 cm.
In relation to each other, there are 80 percent limestone xenoliths, 17 percent sandstone xenoliths, 3 percent basement xenoliths. Basement and Limestone xenoliths are unaltered to completely altered. Sandstone xenoliths are only slightly altered. Juvenile pyroclasts are rounded and common. They tend to have no core. Phlogopite megacrysts and magnetite veins are present. Sections where the kimberlite is heavily brecciated are less competent and more likely to fragment.
Garnets are orange to red in colour. Some garnets have a kelyphite rim and all are sub-rounded. The contact is sharp and at an angle of 70 degrees to the core axis. The minerals and textures are well preserved.

75-78 m: The core feels very light compared to rest of core. A density sample was specifically taken in this area.
98.21 m: possible autoliths: basement xenoliths enclosed in a distinct altered matrix.

136.37	142.18	This unit is massive brecciated sandstone with limestone fragments. It is strongly brecciated causing lots of mechanical damage. The mineral and textures are partly preserved. The contact is broken.
142.18	148.11	This is a massive kimberlite breccia that has nearly 98 per cent limestone clasts. It is poorly preserved and a heavily carbonitized. There is altered olivine visible in the interstitial spaces between limestone clasts.
148.11	154.96	This well preserved fragmental clast-to-matrix supported volcaniclastic kimberlite breccia has 15 per cent limestone xenoliths present. It is poorly sorted and has a random grain orientation. The average particle size is medium lapilli and the size of the five largest particles is 5, 6, 6.5, 6.5, 30 cm. The average largest particle is 10.8 cm. The dominant olivine grain size is fine to medium-grained. Olivine represents 15 percent of the rock volume with a maximum size of 8 mm. The total xenolith abundance is 15 percent. The average xenolith size is 1 cm. Limestone xenoliths are angular to sub-rounded with some zoning. These xenoliths are unaltered to completely altered. Garnet is fresh with no rim and ranges in colour from orange to purplish red. Garnet is as common as Ilmenite throughout the unit compared to CPX which is merely present. Mantle xenoliths are rare whereas juvenile pyroclasts are present. There may be some heavily altered basement xenoliths present. There are carbonate veins at the top and bottom of the unit. The contact is false. There is an obvious change in lithology at 154.96 m where the kimberlite magma appears to have begun to exsolve a limestone xenolith. Mineral and textures are well preserved, and the colour is Hue 5B, medium bluish grey. 152.97 m: mantle xenolith; clinopyroxenite; 3 cm 153-153.45 m: some olivine is altered to deep orange and red
154.96	168.00 (EOH)	There are 90 per cent limestone xenoliths in this ultra coarse lapilli unit and it has poorly preserved mineral and textures. This fine to medium-grained kimberlite breccia has an abundance of mechanical damage. The average particle size is ultra coarse lapilli. The dominant olivine grain size is fine to medium-grained. Olivine represents 5 percent of the rock volume with a

maximum size of 5 mm.
The kimberlite is fragmental, poorly sorted, randomly aligned, and matrix-to-clast supported. Limestone xenoliths are unaltered to slight altered. The CPX is fresh, green and sub rounded. Garnet, Ilmenite, mantle xenoliths and juvenile pyroclasts are not visible due to alteration. There were extra density samples taken in this unit to accommodate the variety of rock present.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-021C

Easting	Northing	Elev	Azimuth	Dip	Depth
307650.2	5853448.7	84.3	345.8	-89.8	168.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 31, 2007
Hole End Date: April 8, 2007

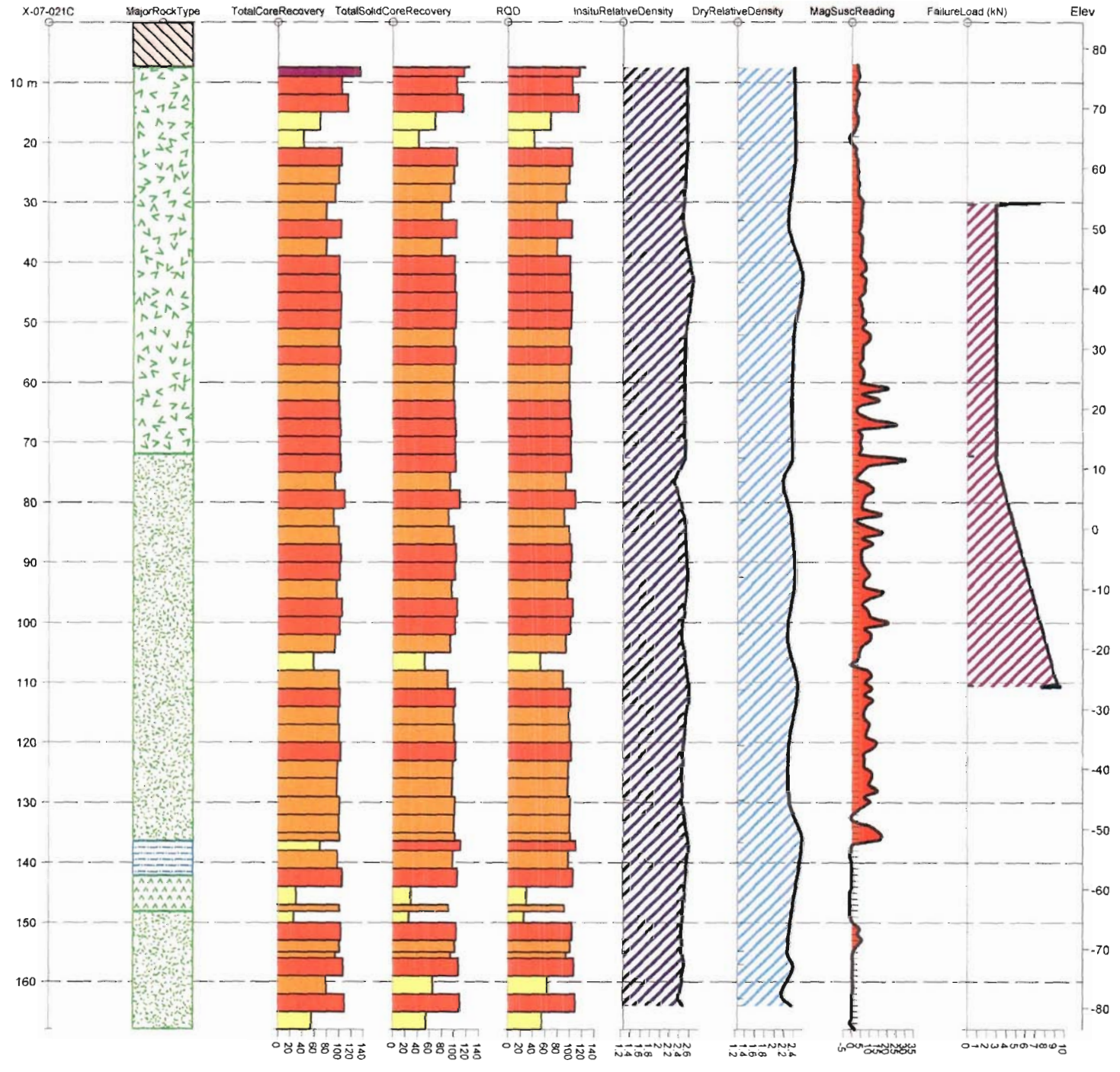
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
K	Kimberlite unspecified	
KB	Kimberlite breccia	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-022C**
Drilling Contractor: FORACO Inc.

Easting: 307545.094
Northing: 5853450.056

NAD: NAD83
Zone: 17

Survey (EOH): Dip: 42.1° Azimuth: 262.9°
Collar Elevation: 84.525 m

Drill Rig Type: LF-70
Drill Rig Number: LF-1

Drilling Started: 11 April 2007
Drilling Completed: 15 April 2007

Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm

Casing Set to: 6 m
Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): No
Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes

Date of Abandonment: -
Total Number of Bags of Cement: 7

First Plug Depth: 6 m
Second Plug Depth: 70 m

Number of Bags of Cement: 3
Number of Bags of Cement: 4

Comments: -

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: NA

Actual Top of Kimberlite: 4.50 m
Actual Base of Kimberlite: 68.80 m

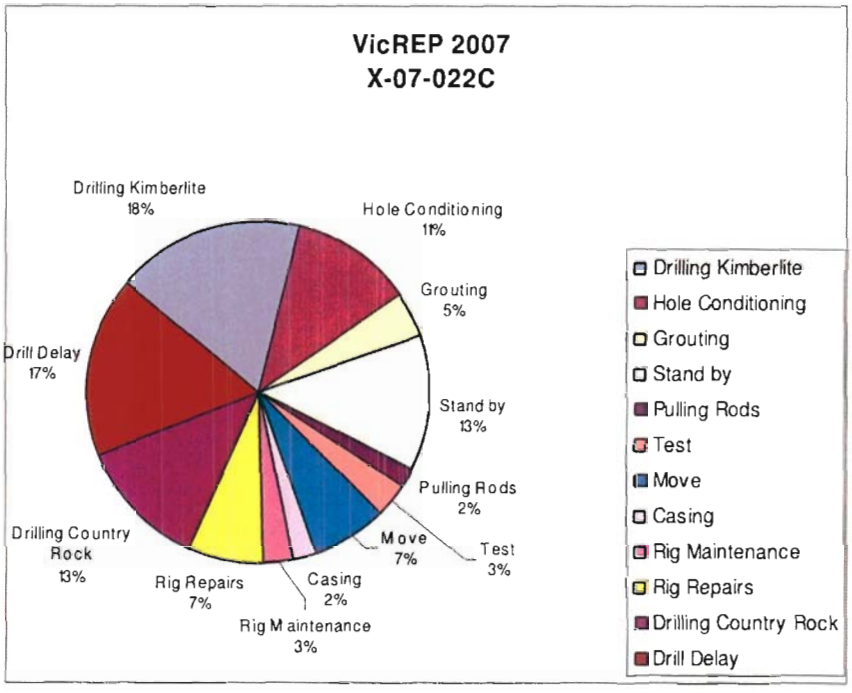
End of Hole (EOH): 123.00 m
Meters of Kimberlite Drilled: 64.30 m

EOH Lithology: Limestone
Number of Core Boxes: 39

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



Poor drilling conditions required 10 hours of hole conditioning (11%) and repairs (7%) to the drill head and core barrel. The majority of the time was spent drilling kimberlite (18%) or country rock (13%) and drilling delay (17%). There was a shortage of drill personnel to run both rigs resulting in 15 hours of drill delay (17%). Stand by (13%) occurred while waiting for the helicopter to finish the move and waiting on the arrival of replacement parts to the rig from camp. Rig maintenance (3%) at X-07-022C including old Whiskey drill site clean ups contributed to 5.5 hours of elapsed time.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: X-07-022C | **Date Drilled: April 11-15, 2007**

Logged by: Gargi Mishra | **Date Logged: April 15, 2007**

Top of Kimberlite: 4.50 m | **EOH: 123.00 m**
Base of Kimberlite: 68.80 m

Summary Log

From	To	
0.00	4.50	Missing - Casing
4.50	36.60	Kimberlite
36.60	68.80	Kimberlite
68.80	123.00 (EOH)	Limestone mixed with highly carbonatized kimberlite fluid (?)

Depth (m) From	To	Description
0.00	4.50	Missing - Casing
4.50	36.60	Massive, volcaniclastic dark grey color kimberlite. Olivine altered to serpentine and to carbonate. Olivine average size is fine-grained. Matrix to clast-supported, poorly sorted. Abundance percentage of olivine more than 2mm is ~30 percent; total olivine abundance percentage is ~70 percent. Garnets are red, purple and orange in color. Green mica is very common. Country rock xenoliths of limestone are more abundant than basement xenoliths. Limestone xenoliths are unaltered to slightly altered in nature and are angular to sub-angular in shape. Basement xenoliths are sub-angular and are completely to partially altered. Mantle xenoliths are seen but highly altered. Cpx are most abundant followed by ilmenite and than garnet. From 24- 28 m depth is clayey and rich in mica. Lower contact is gradational.
36.60	68.80	Massive, clast-supported, grey green color kimberlite. Olivine altered to serpentine and or fresh. Average size of olivine is 3-5mm. Abundance percentage of olivine more than 2mm is ~60 percent; total olivine abundance percentage is ~80 percent. Macrocrystic olivine show selvage. Magmaclast seen as thick selvage around country rock xenoliths. Country rock xenoliths of limestone are more abundant than basement xenoliths. Limestone xenoliths are unaltered to slightly alter in nature and are angular to sub-angular in shape. Basement xenoliths are sub-angular and are completely to partially altered. Garnets are red, purple and orange in color. Cpx are most abundant followed by ilmenite and than garnet. At 47.60 m depth a macrostructure seen, possibly folded and faulted. Large pieces of limestone seen at places. Kimberlite is highly carbonatized near lower contact. Lower contact is broken.
68.80	123.00 (EOH)	Massive limestone, clayey at places. Highly carbonatized kimberlite fluid seen in between. From 102.00 m depth onwards the interaction between limestone and carbonatized kimberlite is more distinct.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-022C

Easting	Northing	Elev	Azimuth	Dip	Depth
307545.1	5853450.1	84.5	262.9	-42.1	123.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 11, 2007
Hole End Date: April 15, 2007

Rig Number: LF-1

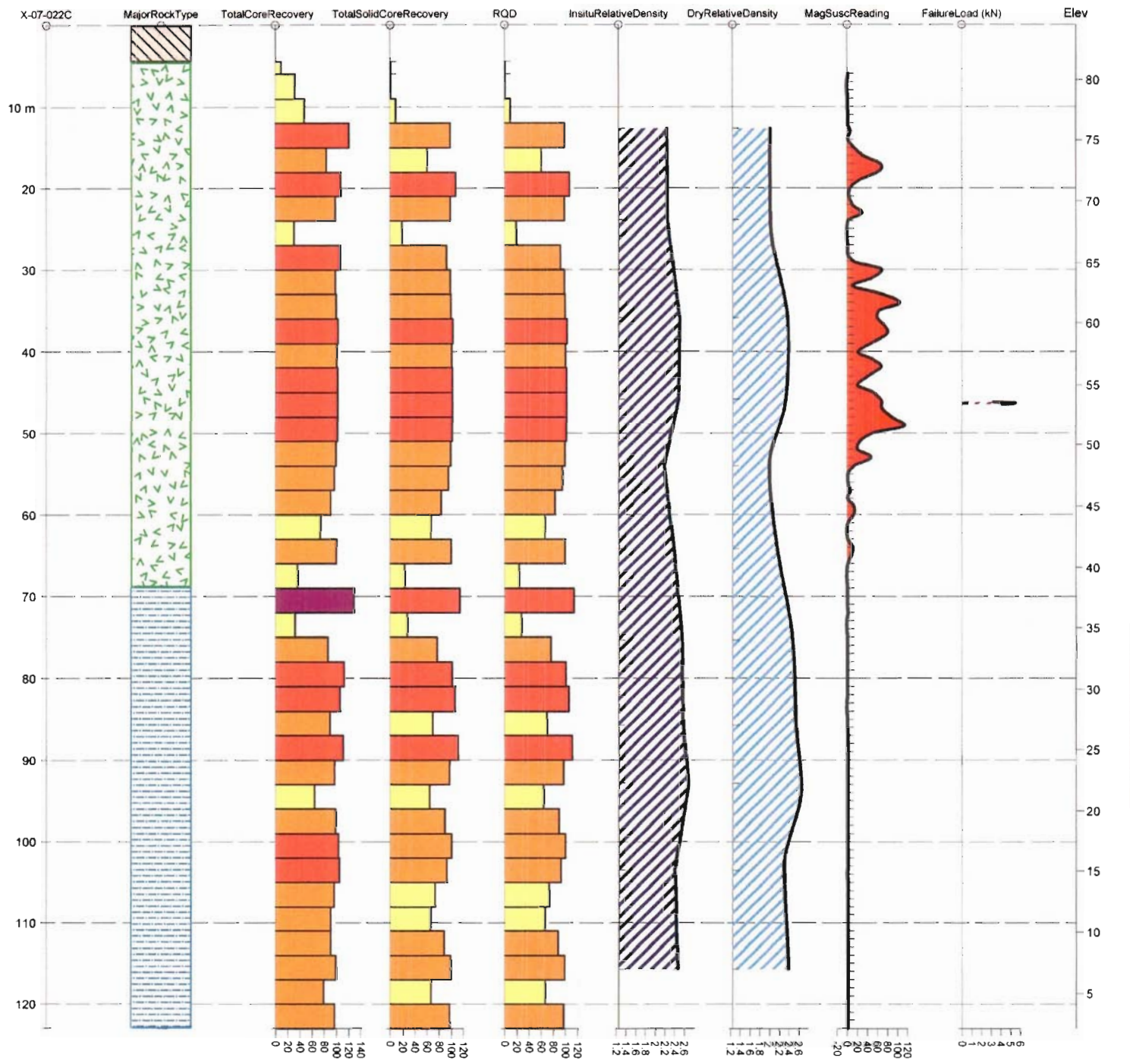
DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **X-07-023C**

Easting: 307606.042

NAD: NAD83

Survey (EOH): Dip: 89.5° Azimuth: 28.3°

Drill Rig Type: LF-70

Drilling Started: 15 April 2007

Casing Bit: HWT Casing Bit

Casing Set to: 6 m

Casing left in Hole (yes/no): No

Reason: -

Rods Pulled (yes/no): Yes

Date of Abandonment: -

First Plug Depth: 12 m

Number of Bags of Cement: 3

Comments: -

Drilling Contractor: FORACO Inc.

Northing: 5853497.550

Zone: 17

Collar Elevation: 84.314 m

Drill Rig Number: LF-1

Drilling Completed: 20 April 2007

Casing Diameter (ID): 101.6 mm

Bit Diameter (Hole Diameter HQ): 96 mm

Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes

Total Number of Bags of Cement: 3

Second Plug Depth: -

Number of Bags of Cement: -

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 6.00 m

End of Hole (EOH): 246.00 m

EOH Lithology: Kimberlite

Reason Hole Called: Reached target depth.

Comments: -

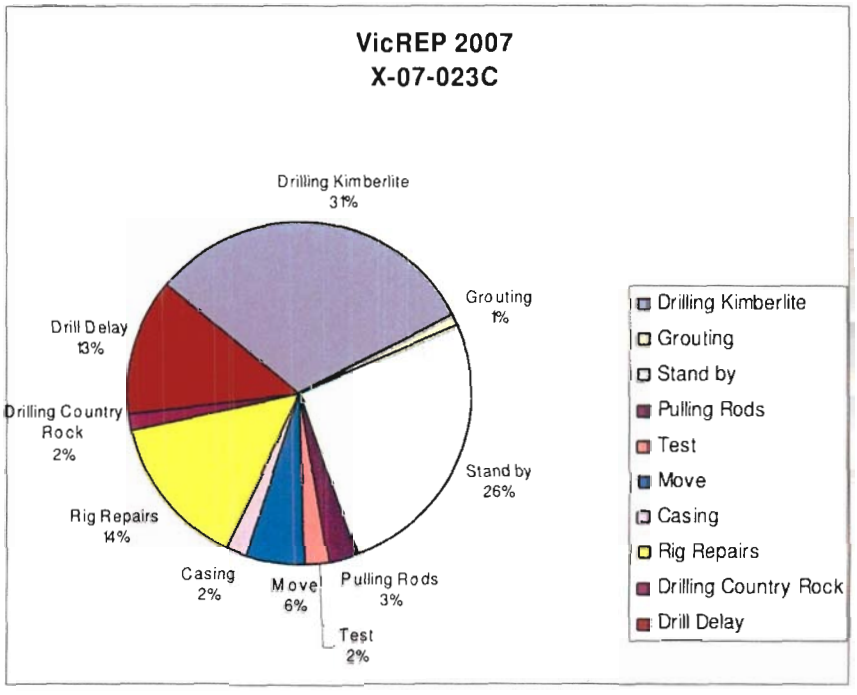
Predicted Base of Kimberlite: >=250 m

Actual Base of Kimberlite: 246.00 m

Meters of Kimberlite Drilled: 240.00 m

Number of Core Boxes: 79

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (31%) or country rock (2%) and drilling delay (13%). Poor weather conditions caused 28 hours of stand by (26%) due to early morning fog which grounded the helicopter. The rig needed significant repairs and maintenance causing a 14 hour drill delay (13%) while waiting for daylight to rebuild shack and fly out new submersible pump.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: X-07-023C	**Date Drilled: April 15-20, 2007**
Logged by: Gargi Mishra	**Date Logged: April 19-21, 2007**
Top of Kimberlite: 6.00 m **Base of Kimberlite: 246.00 m**	**EOH: 246.00 m**

Summary Log

From	To	
0.00	6.00	Missing - Casing
6.00	153.20	Kimberlite
153.20	178.25	Limestone mixed with highly carbonatized kimberlite
178.25	246.00	Kimberlite breccia with high concentration of country rock xenoliths
		EOH

Depth (m) From	To	Description
0.00	6.00	Missing - Casing
6.00	153.20	Massive, volcaniclastic, grey to brown color kimberlite. Clast-supported, poorly sorted. Olivine altered to serpentine or to orange and or fresh. Macrocrystic olivine show selvage at places. Abundance percentage of olivine is ~80 percent and abundance percentage of olivine more than 2mm in size is ~ 45-50 percent. Average size of olivine is ~3-5mm. Interclast matrix is serpentine. Magmaclast is sub-rounded to irregular in shape and is of two colors, brown and grey. Magma clast most commonly seen as selvage around country rocks. Mantle xenoliths seen at places, generally slightly altered, average size is ~5mm and consists of cpx and garnet. Ilmenite is most abundant followed by cpx and garnet. Large megacrysts of cpx seen at places, ~70 mm to 10 mm in size range. Garnets are purple and red in color. Magnetite seen at places. Phlogopite laths seen at places. Country rock xenoliths of limestone are more abundant than basement xenoliths. Limestone xenoliths are unaltered to slightly altered in nature and are angular to sub angular in shape. Basement xenoliths are sub-angular and are completely to partially altered. Large pieces (>50 cm) of limestone is very common in between. From 69.00-72.00m 107.65-110.0 m, 116.60-117.50 m, 130.75-133.00m, 145.25 -145.95 m depth is massive limestone pieces. Overall medium-grained kimberlite with alternate breccia unit. Breccia unit show high concentration of country rock xenoliths varies from 10-15 percent. From 48.50 to 55.50 m depth, 72.60-95.00 m depth is kimberlite breccia unit. Near lower contact from 151.50 to 153.20 m depth kimberlite is highly carbonatized. Lower contact is broken.
153.20	178.25	Massive, highly weathered limestone mixed with highly carbonatized and weathered kimberlite in between and limestone breccia. From 169.75 to 171.40 m depth is relatively fresh, competent massive kimberlite breccia with intense carbonate veins seen.
178.25	246.00 (EOH)	Massive, competent volcaniclastic kimberlite breccia. Grey in color, clast-supported, poorly sorted. Concentration of country rock xenoliths especially limestone is very high ~50-70 percent. All kimberlitic constituents other than country rock xenoliths are fine to medium-grained in size. Country rock xenoliths are coarse to very coarse. Olivines are fine to medium- grained,

altered to serpentine and or worn out at places. Interclast matrix is serpentine. Magmaclast is sub-rounded to irregular to oval in shape and seen as thick selvage around country rock xenoliths. Mantle xenoliths are seen at places; average size is ~ 3-5mm and is slightly altered. Mainly consist of cpx and garnet. Cpx are most abundant and coarse followed by garnet and ilmenite. Garnets are red, purple and orange in color. Country rock xenoliths of limestone are more abundant than basement xenoliths. Limestone xenoliths are unaltered to slightly alter in nature and are angular to sub-angular in shape. Basement xenoliths are sub-angular and are completely to partially altered. Large basement xenolith seen at 213.16 to 213.26 m depth. From 236.67 to 238.80 m depth is massive limestone.

VicREP 2007:
X-Ray Kimberlite Body

STRIP LOG: X-07-023C

Easting	Northing	Elev	Azimuth	Dip	Depth
307606.0	5853497.5	84.3	28.3	-89.5	246.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 15, 2007
Hole End Date: April 20, 2007

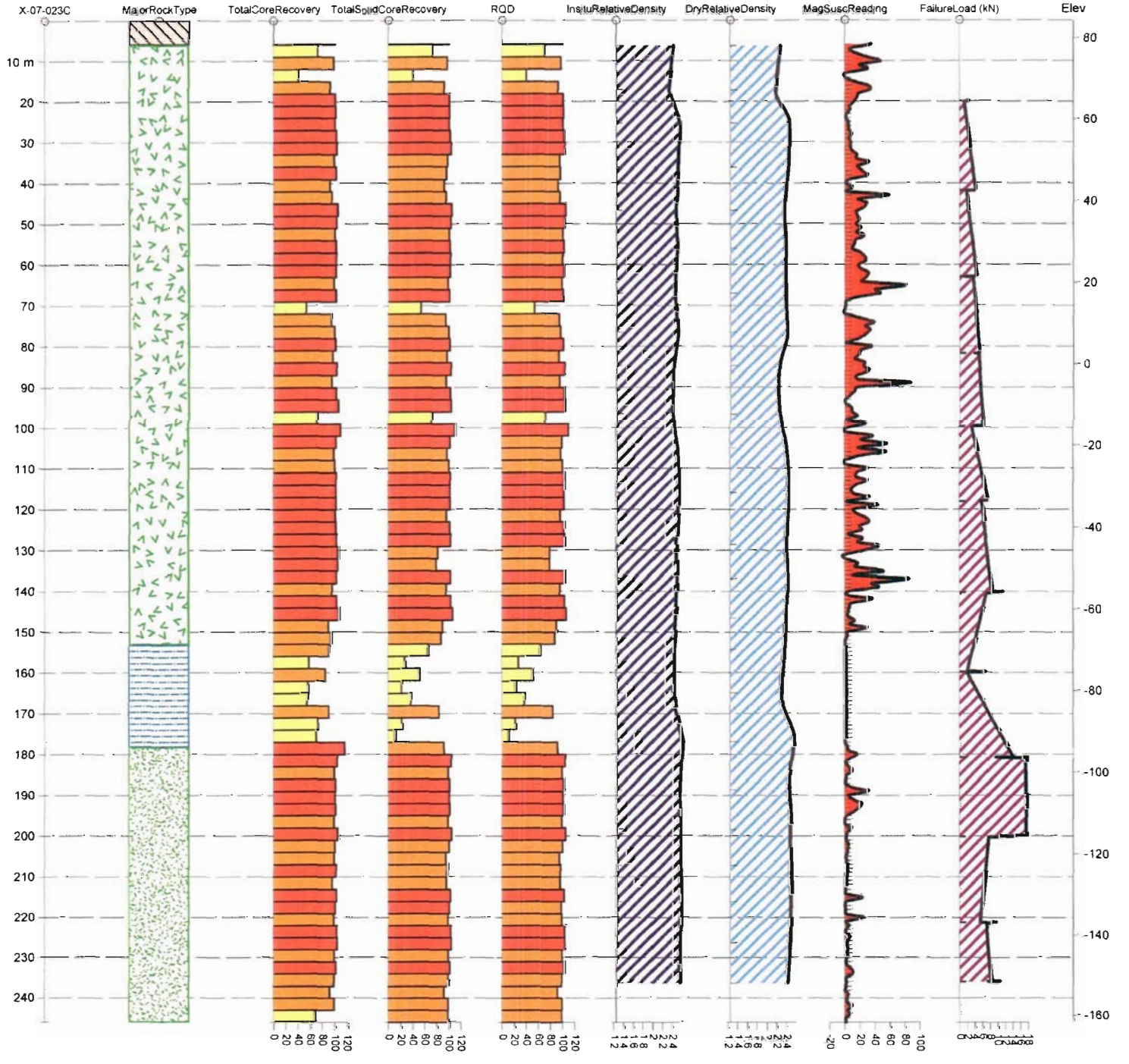
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
KB	Kimberlite breccia	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-002C**

Easting: 306251.409

NAD: NAD83

Survey (EOH): Dip: 89.8° Azimuth: 228°

Drill Rig Type: LF-70

Drilling Started: 18 April 2007

Casing Bit: HWT Casing Bit

Casing Set to: 3 m

Casing left in Hole (yes/no): No

Reason: -

Rods Pulled (yes/no): Yes

Date of Abandonment: -

First Plug Depth: 5 m

Number of Bags of Cement: 4

Comments: -

Drilling Contractor: FORACO Inc.

Northing: 5851247.398

Zone: 17

Collar Elevation: 89.127 m

Drill Rig Number: LF-2

Drilling Completed: 22 April 2007

Casing Diameter (ID): 101.6 mm

Bit Diameter (Hole Diameter HQ): 96 mm

Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes

Total Number of Bags of Cement: 4

Second Plug Depth: -

Number of Bags of Cement: -

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 3.00 m

End of Hole (EOH): 252.00 m

EOH Lithology: Kimberlite

Reason Hole Called: Reached target depth.

Comments: -

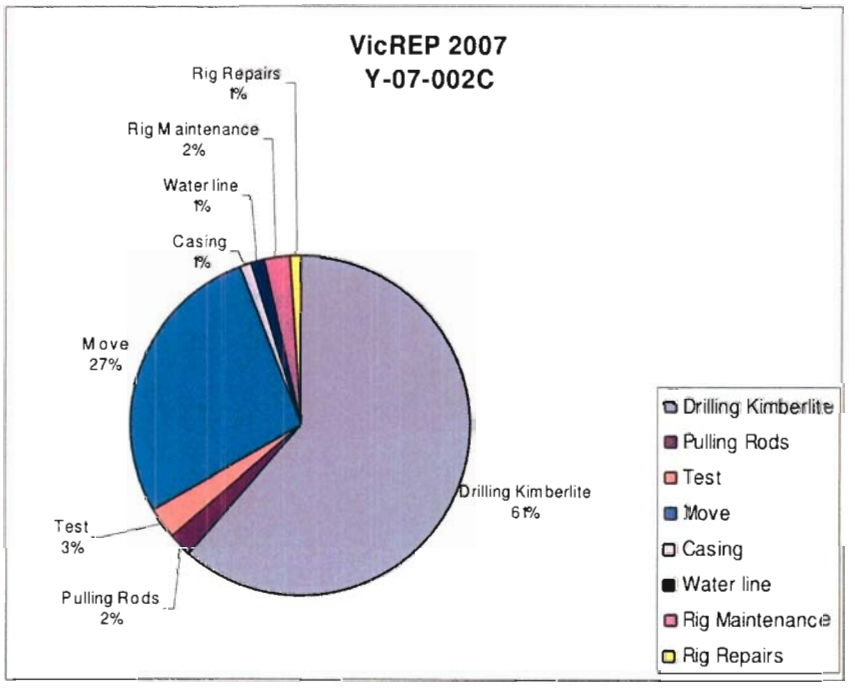
Predicted Base of Kimberlite: NA

Actual Base of Kimberlite: 252.00 m

Meters of Kimberlite Drilled: 249.00 m

Number of Core Boxes: 85

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (61%). The drill move (27%) took 23 hours because it included enlarging the drill pad.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: Y-07-002C	**Date Drilled: April 19-22, 2007**
Logged by: Gargi Mishra	**Date Logged: April 23, 2007**
Top of Kimberlite: 3.00 m **Base of Kimberlite: 252.00 m**	**EOH: 252.00 m**

Summary Log

From	To	
0.00	3.00	Missing
3.00	68.00	Kimberlite -medium grained
68.00	200.80	Kimberlite –fine to medium grained
200.80	252.00 (EOH)	Kimberlite -strongly carbonatised matrix.

Depth (m) From	To	Description
0.00	3.00	Missing, casing
3.00	68.00	Massive, volcaniclastic, brown color, competent kimberlite. Clast to matrix supported. Olivine altered to orange or to white. Average size of olivine is 3-5mm. abundance percentage of olivine is ~70 percent. Abundance percentage of olivine more than 2mm in size is ~45 percent. Macrocrystic olivine show selvage at places. Magmaclast are common and are irregular to oval to subrounded in shape. At places concretionary magmaclast seen. Magmaclast are brown, grey in color. Autoliths seen at places. Phlogopite laths are common. Ilmenites are most common. Garnet and cpx are almost absent. Concentration of country rock xenoliths increase with depth. From ~69 m depth onward country rock xenoliths are more coarse and common. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub angular in shape and are unaltered to slightly altered in nature. Basement xenoliths are sub angular and are completely altered. Vertical fabric seen at places. Lower contact is gradational.
68.00	200.80	Massive, volcaniclastic, brown color, competent kimberlite. Olivine altered to serpentine and or fresh. At places olivine completely replaced by carbonate and only a relict olivine shape is present. Average size of olivine is 2-5mm. Abundance percentage of olivine is ~70 percent. Abundance percentage of olivine more than 2mm in size is ~20 percent. Clast to matrix supported. Magmaclast common and are subrounded to oval in shape and are generally coarse in size. At places concretionary magmaclast seen. Phlogopite mica is very common. Kimberlite shows orientation fabric. Ilmenites are most abundant. Cpx and garnet seen at places. Intergrowth of cpx within garnet seen. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are completely altered. From ~144.00 m depth onwards kimberlite is medium-grained and concentration of country rock xenoliths is very low. From 131.30-132.20 m depth, 140.60-144.90 m depth, 153.30 – 156.30 m depth and 162.40 – 166.50 m depth kimberlite is highly carbonatised. Lower contact is sharp and irregular.

200.80	252.00 (EOH)	Massive, strongly matrix-supported highly carbonatised kimberlite. Competent in nature, grey color. Mineral and texture preservation is good to partial. Laths of mica very common. Olivine altered to serpentine and is fresh. Generally worn-out. Average size of olivine is 1-3 mm. Abundance percentage of olivine is ~50 percent. Abundance percentage of olivine more than 2mm in size is ~15 percent. Magmaclast irregular in shape. Secondary mica seen at places. From 209.40-215.00 m depth kimberlites is not so carbonatised and appear more similar to as seen at 68.00-200.80 m depth. Ilmenites are most abundant followed by cpx and garnet. Country rock xenoliths are very low and are completely masked by carbonatisation.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-002C

Easting	Northing	Elev	Azimuth	Dip	Depth
306251.4	5851247.4	89.1	228.0	-89.8	252.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 18, 2007
Hole End Date: April 22, 2007

Rig Number: LF-2

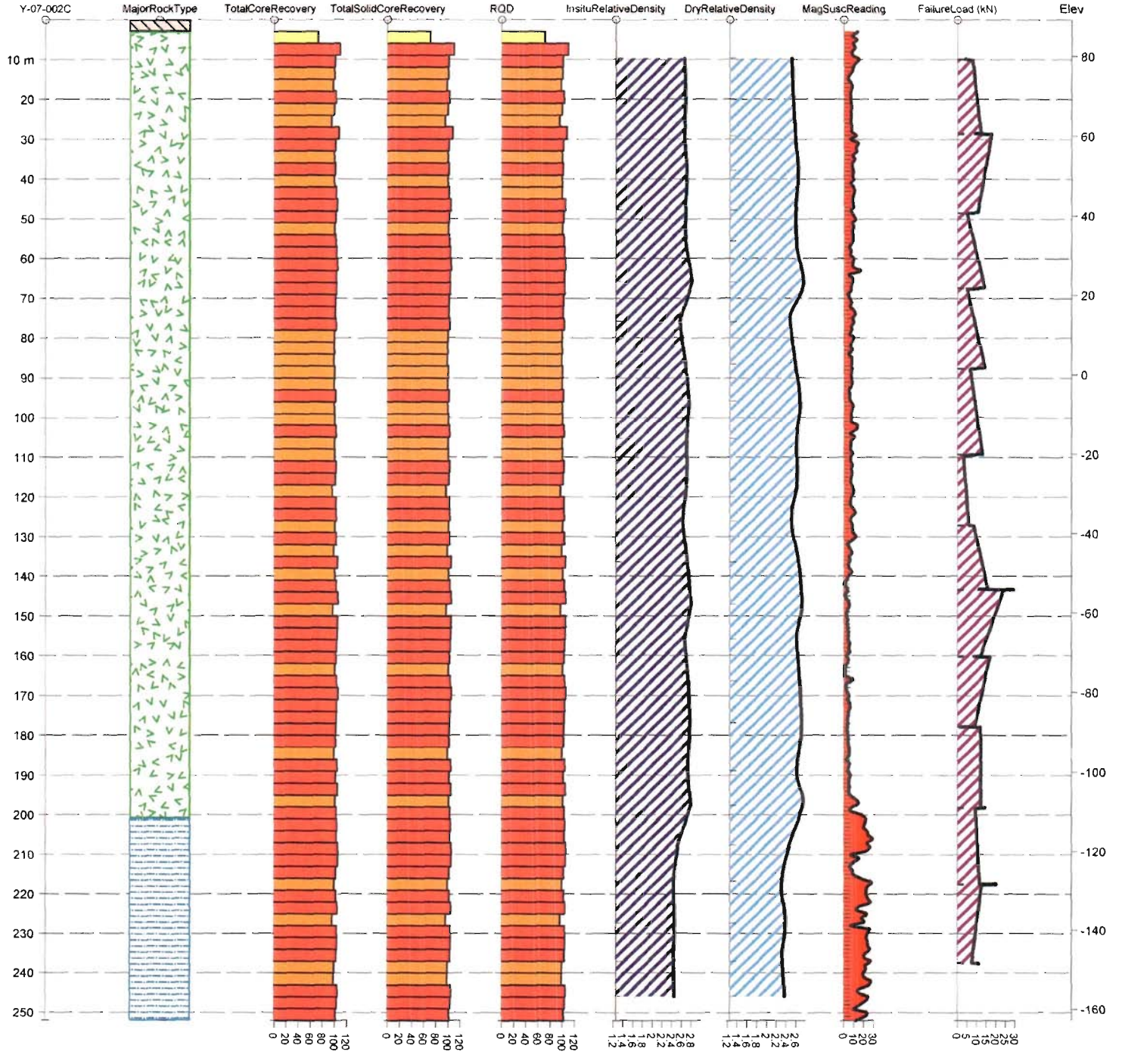
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic	
	kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-003C**
Easting: 306252.005
NAD: NAD83
Survey (EOH): Dip: 63.7° Azimuth: 62.7°

Drilling Contractor: FORACO Inc.
Northing: 5851248.145
Zone: 17
Collar Elevation: 89.151 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 22 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 4.5 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 5 m
Number of Bags of Cement: 3

Drilling Completed: 24 April 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 7
Second Plug Depth: 184 m
Number of Bags of Cement: 4

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 4.50 m

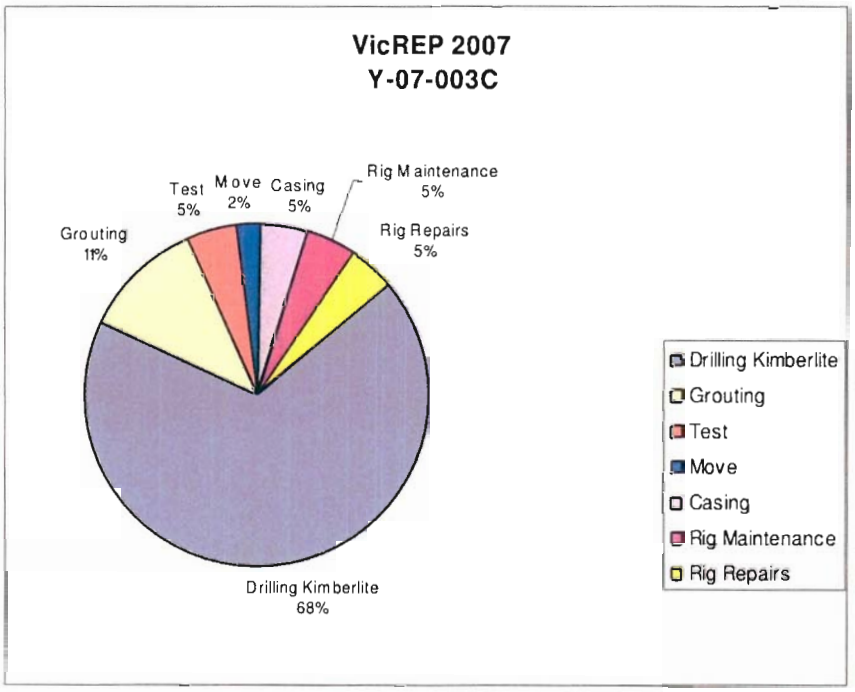
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 169.47 m

End of Hole (EOH): 193.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 164.97 m
Number of Core Boxes: 65

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (68%). The water pump needs some repair (5%) which contributed 2 hours to the elapsed time. Grouting (11%) included cementing the hole and pulling rods.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Y-07-003C | **Date Drilled: April 22-24, 2007**

Logged by: Gargi Mishra | **Date Logged: April 25, 2007**

Top of Kimberlite: 4.50 m | **EOH: 193.00 m**
Base of Kimberlite: 169.47 m

Summary Log

From	To	
0.00	4.50	Missing
4.50	45.90	Kimberlite - Fine to medium grained
45.90	169.47	Kimberlite - breccia
169.47	193.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	4.50	Missing, casing
4.50	45.90	Massive, yellowish brown color, competent volcaniclastic kimberlite. Olivine altered to orange or to white and or fresh at places. From 4.50 to approximately 14.00 m depth is clast to matrix-supported, from 14.00 m depth onwards it gets predominantly matrix-supported. Macrocrystic olivine show selvage at places. Average size of olivine is fine to medium-grained. Abundance percentage of olivine is approximately 70-60 percent and abundance percentage of olivine more than 2mm is 40-45 percent. Olivine replaced by carbonate and filled with calcite at places. Magmaclast seen more commonly as selvage around country rock xenoliths at places concretionary magma clast seen. Phlogopite is very common maximum size approximately 30 mm. Green mica, secondary (?) seen at places. Ilmenites are more common followed by garnet and cpx. Garnets are purple in color and show kelyphytic rim at places. Cpx altered at places. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are completely altered. Intense carbonate veins and microfracture filled with carbonate seen throughout the run. Lower contact is gradational.
45.90	169.47	Massive, kimberlite breccia with high concentration of country rock xenoliths. Olivine altered to serpentine and to orange or fresh at places. Average olivine size is medium-grained. Abundance percentage of olivine is approximately 80 percent; abundance percentage of olivine more than 2mm is approximately 50 percent. Magmaclast are of two colors grey and green; seen more commonly as selvage. Phlogopite common. Ilmenites are most abundant followed by cpx and garnet. Intergrowth of cpx within olivine seen at places. Garnets are predominantly purple; seen orange garnet at places. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are completely altered. From 149.75 m depth onwards kimberlite is grey in color, highly serpentinised and show intense brecciation. Mantle xenoliths seen at places mainly consist of garnet and cpx. Lower contact is sharp and

		irregular.
169.47	193.00 (EOH)	Massive limestone clayey at places.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-003C

Easting	Northing	Elev	Azimuth	Dip	Depth
306252.0	5851248.1	89.2	62.7	-63.7	193.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 22, 2007
Hole End Date: April 24, 2007

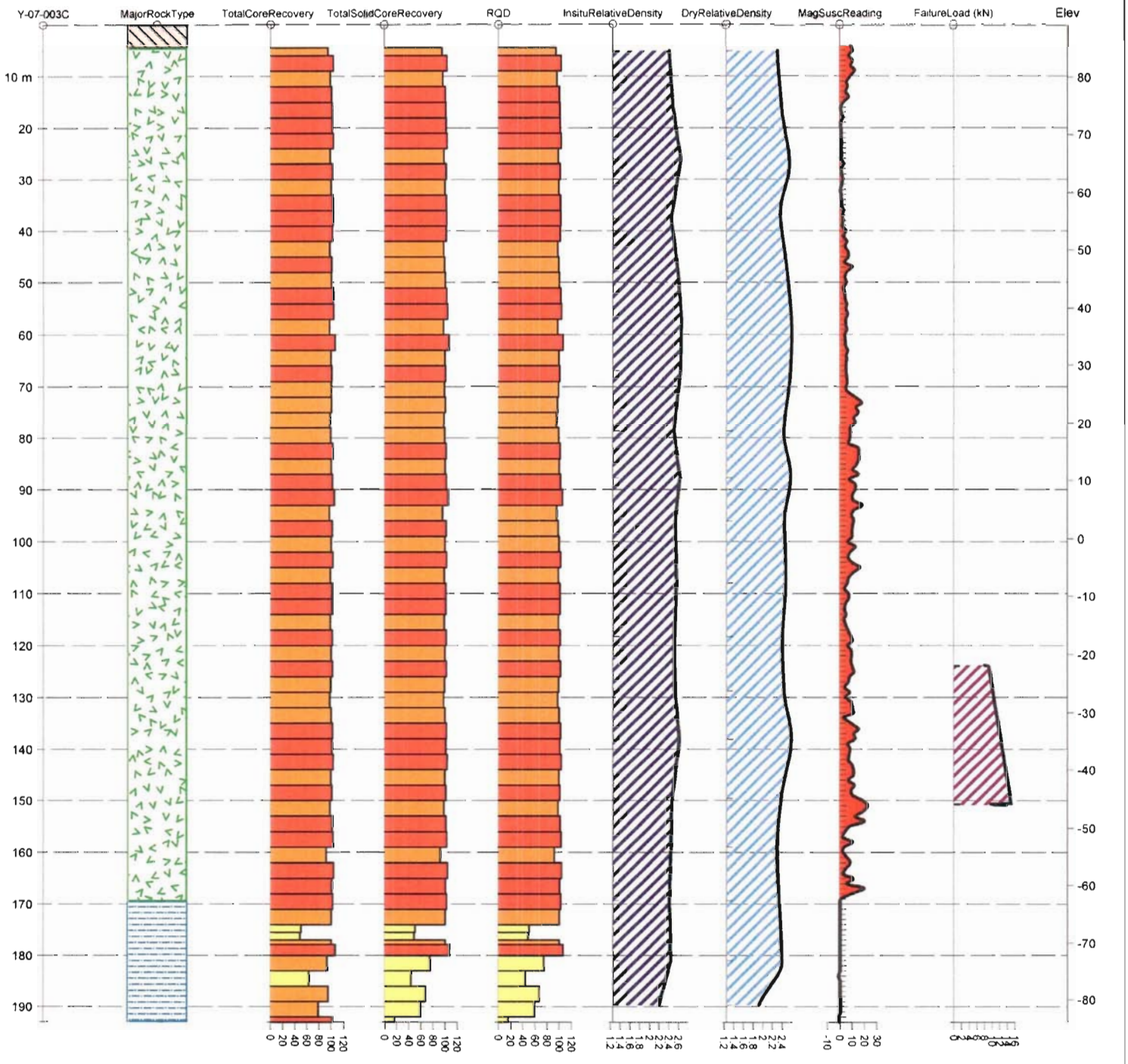
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-004C**
Easting: 306251.913
NAD: NAD83
Survey (EOH): Dip: 67.9° Azimuth: 155.7°
Drill Rig Type: LF-70
Drilling Started: 26 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 3 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 4 m
Number of Bags of Cement: 3

Drilling Contractor: FORACO Inc.
Northing: 5851246.288
Zone: 17
Collar Elevation: 89.096 m
Drill Rig Number: LF-2
Drilling Completed: 01 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm
Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

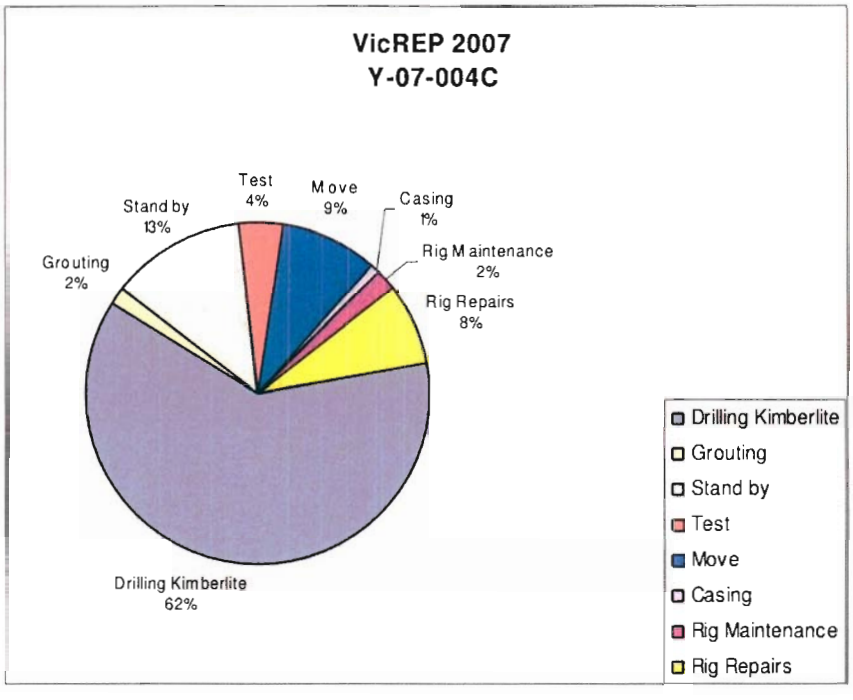
Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 2.77 m
End of Hole (EOH): 404.00 m
EOH Lithology: Kimberlite

Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 404.00 m
Meters of Kimberlite Drilled: 401.23 m
Number of Core Boxes: 137

Reason Hole Called: With KPU agreement, hole was called (otherwise wireline would have to be added). Y-07-012C was placed in order to intersect the limestone/kimberlite contact in the same direction.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (62%). The mechanic worked at the drill doing rig repairs (8%) which contributed 9 hours to the elapsed time. There was a 14.5 hour stand by (13%) waiting for the helicopter to finish the drill move.

Project: VicREP 2007

Core Size: HQ

Drill Hole: Y-07-004C

Date Drilled: April 26-May 1, 2007

Logged by: G. Mishra
M. Hildebrandt

Date Logged: April 29-May 2, 2007

Top of Kimberlite: 2.77 m
Base of Kimberlite: 404.00 m

EOH: 404.00 m

Summary Log

From	To	
0.00	2.77	Missing – Casing
2.77	89.20	Fine to Medium grained volcaniclastic Kimberlite
89.20	299.08	Coarse grained volcaniclastic Kimberlite
299.08	370.70	Medium to coarse grained kimberlite
370.70	404.00 (EOH)	Medium to coarse grained volcaniclastic kimberlite breccia

Depth (m) From	To	Description
0.00	2.77	Missing – Casing. NB: Driller cored casing.
2.77	89.20	Massive, volcaniclastic, fine to medium-grained, brown to grey color kimberlite. Olivine altered to carbonate, serpentine and or fresh. Abundance percentage of olivine is approximately 60 percent. Abundance percentage of olivine more than 2mm is 40 percent. Macrocrystic olivine shows selvage at places. Phlogopites laths are very common. Magmaclast seen as thick selvage around country rock xenoliths. Green mica is very common. Olivine replaced and filled with calcite. From 24.76 m depth onwards; kimberlite is more matrix-supported, phlogopite and ilmenite more common. Overall ilmenites are most abundant followed by cpx and garnet. Garnets are purple in colour. Country rock xenoliths of limestone are most abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular and are unaltered to slightly altered. Basement xenoliths are sub-angular and completely altered. Microfractures filled with carbonate seen throughout the unit. Grains show orientation at some places. From 65.00 to 89.20 m depth is very fine matrix-supported dark grey kimberlite. Autoliths seen at places. From 61.32 to 63.92 m depth massive limestone seen. Lower contact is gradational.
89.20	299.08	Massive, kimberlite breccia unit. Olivine altered to serpentine or fresh. Macrocrystic olivine show thick selvage. Abundance percentage of olivine is approximately 60 percent. Abundance percentage of olivine more than 2mm is approximately 50 percent. Average size of olivine is coarse to very coarse. Magmaclast seen as a thick selvage around country rock xenoliths and macrocrystic olivine consist of very fine, dark grey to black ash material. Phlogopite laths seen. Ilmenite most abundant. Garnets are purple in colour and show kelyphytic rim at places. Olivine shows intergrowth of cpx and garnet at places. Green mica seen. Mantle xenoliths consist of garnet +cpx; average size approximately 3mm. Magmaclast are of two colors green and black and show vesicles (?). Country rock xenoliths of limestone are most abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular and are unaltered to slightly altered. Basement xenoliths are sub-angular and

completely altered. Magnetite seen at places. Lower contact is gradational.

299.08	370.70	This massive matrix-supported medium to coarse-grained kimberlite is well preserved and fresh. The average particle size is medium lapilli and the size of the five largest particles is 10, 10, 15, 20, and 60 cm. The average largest particle is 23 cm. The dominant olivine grain size is medium to coarse-grained. Olivine is angular to sub-rounded and a fresh pale green. Olivine ranges in size from 2 to 15 mm. It composes 50 per cent of the rock volume. Mantle xenoliths are rare. Juvenile pyroclasts were not observed. Magma coherence is unknown. The kimberlite is poorly to moderately sorted with random grain orientation. Total xenolith abundance is less than 5 per cent. Limestone xenoliths are present and comprise 80 percent of the total xenoliths. These xenoliths are unaltered to slightly altered with some zoning. Basement xenoliths represent the other 20 percent of xenoliths and are unaltered to slightly altered. Indicator minerals are barely existent in comparison to the upper units. Cpx is present, green, fresh, and angular. Ilmenite is present, black, metallic, and fresh. Garnet is rare and typically only found in mantle xenoliths. Juvenile pyroclasts were not observed. Carbonate veins exist throughout the unit as well as sulphide veins. The unit is dark grey. The contact is gradational.
370.70	404.00 (EOH)	This grey fragmental massive clast to matrix-supported kimberlite breccia is well preserved and fresh. The average particle size is medium lapilli, and the size of the five largest particles is 7, 8, 17, 20, and 34 cm. The average largest particle is 17.2 cm. The dominant olivine grain size is medium to coarse-grained. Magnetite is present. Olivine represents 30 percent of the rock volume with a maximum size of 28 mm. The total xenolith abundance is 20 percent. The average xenolith size is 2 cm. Olivine is fresh and angular to sub-rounded. Limestone xenoliths represent 80 percent of total xenoliths compared to basement xenoliths which represent 20 percent. Limestone xenoliths are angular to rounded with some zoning. All xenoliths are unaltered to slightly altered. Basement xenoliths are sub-rounded and also have zoning. Indicator minerals are not as abundant as the upper unit. Cpx is present as fresh sub-rounded grains. Some Cpx have a selvage. Ilmenite is present. Garnet and mantle xenoliths are rare. Juvenile pyroclasts are present with a maximum size of 25 mm. 377.46 m: unique crystallization within a cemented joint – muscovite?

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-004C

Easting	Northing	Elev	Azimuth	Dip	Depth
306251.9	5851246.3	89.1	155.7	-67.9	404.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 26, 2007
Hole End Date: May 1, 2007

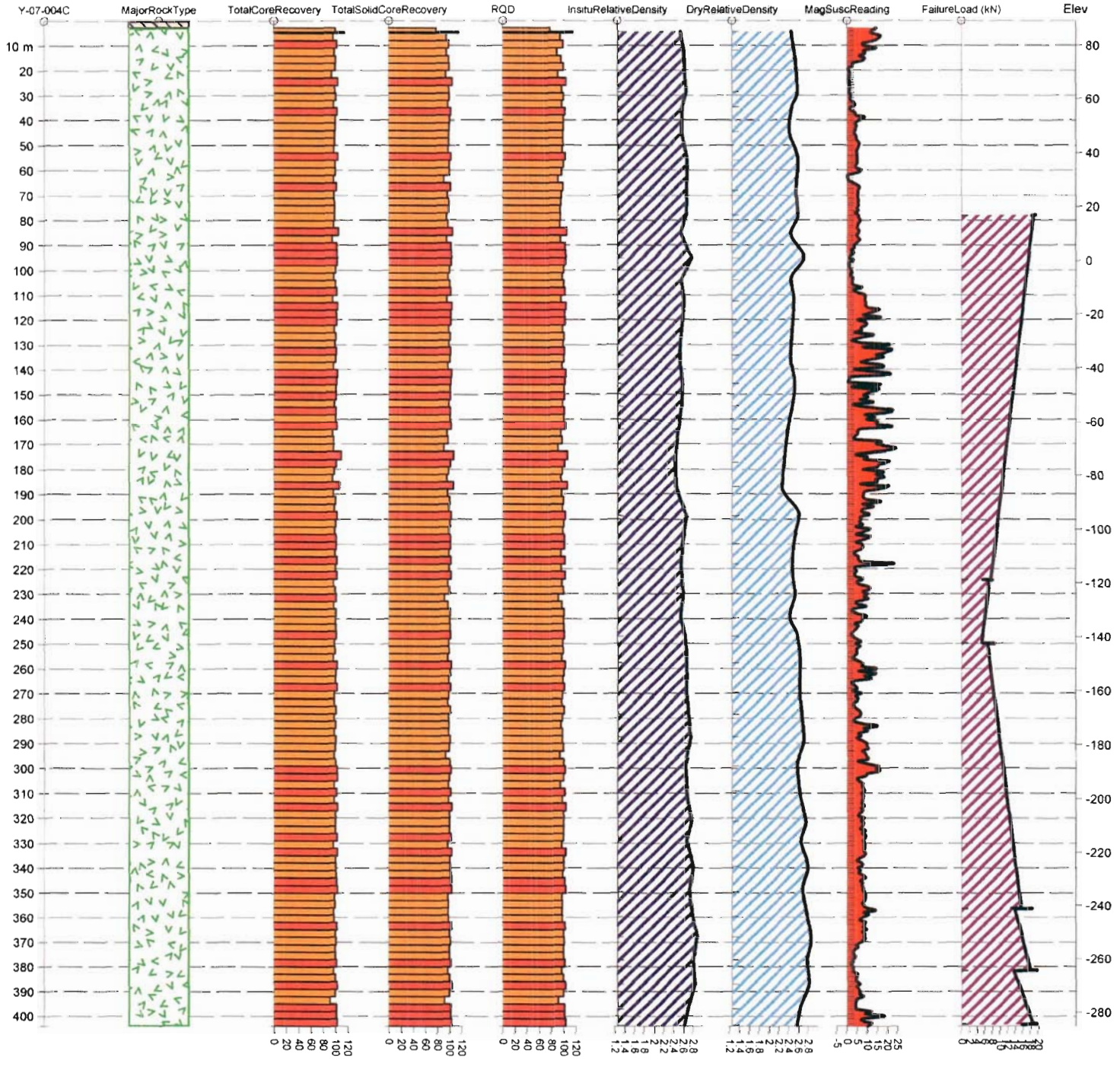
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-005C**
Easting: 306250.650
NAD: NAD83
Survey (EOH): Dip: 64.8° Azimuth: 241.3°

Drilling Contractor: FORACO Inc.
Northing: 5851246.672
Zone: 17
Collar Elevation: 89.083 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 24 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 3 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 3 m
Number of Bags of Cement: 4

Drilling Completed: 26 April 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 8
Second Plug Depth: 166 m
Number of Bags of Cement: 4

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 2.73 m

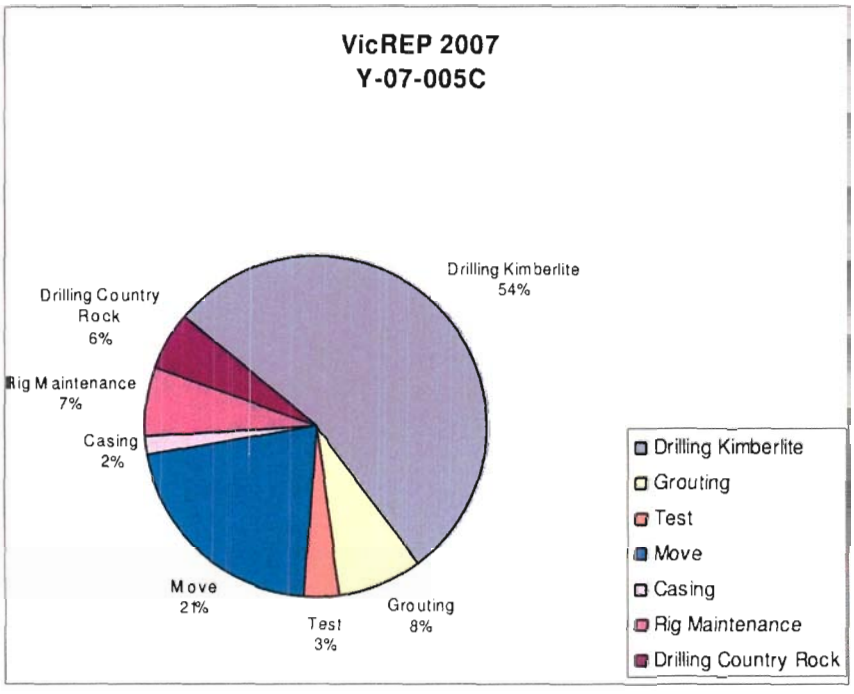
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 156.30 m

End of Hole (EOH): 174.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 111.47 m
Number of Core Boxes: 59

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (54%) or country rock (6%). Rig maintenance also contributed 4 hours to elapsed time due to clean up at the rig. Drilling conditions were good and speedy; thus the other activities only appear to take longer.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: Y-07-005C	**Date Drilled: April 26-May 1, 2007**
Logged by: Gargi Mishra	**Date Logged: April 27-May 1, 2007**
Top of Kimberlite: 2.73 m **Base of Kimberlite: 156.30 m**	**EOH: 174.00 m**

Summary Log

From	To	
0.00	2.73	Missing - Casing
2.73	67.65	Kimberlite - medium grained
67.65	109.75	Massive limestone mixed with limestone breccia and kimberlite
109.75	156.30	Kimberlite - breccia
156.30	174.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	2.73	Missing – Casing. NB: Driller cored casing.
2.73	67.65	Massive, brown color, volcaniclastic kimberlite. Olivine altered to serpentine, orange, white (carbonate) or replaced by calcite. Macrocrystic olivine show selvage. Average size of olivine is approximately 5mm. Abundance percentage of olivine is 85 percent. Abundance of olivine more than 2mm in size is approximately 60 percent. Phlogopite laths are very common. Magmaclast oval to subrounded in shape and most commonly seen as thick selvage around country rock xenoliths. Magmaclast are of two colour; grey-orange and greenish black. Ilmenite very common and show selvage/thick rim at places. Garnets are purple in color. Cpx seen. Ilmenites are most abundant followed by garnet and cpx. Olivine show intergrowth of cpx and ilmenite at places. Mantle xenoliths seen slightly altered and size varies from 1-4mm consist of purple garnet and cpx. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub angular in shape and are unaltered to slightly altered in nature. Basement xenoliths are sub angular and are completely altered. From approximately 31.00 to 32.83 m depth is predominantly magmaclast rich kimberlite. Grains are showing slight orientation or alignment. From 32.83 to 36.00 m depth is predominantly matrix supported, rich in phlogopite and ilmenite. Intense microfracture filled with carbonate seen throughout the run. Near lower contact kimberlite is more clast supported, poorly assorted. From 36.00 to 57.50 m depth is coarse to very coarse grained kimberlite. Carbonate veins seen at places filled with sulfide occasionally. Kimberlite is highly carbonatised near lower contact. Lower contact is distinct but broken.
67.65	109.75	Massive limestone mixed with limestone breccia and altered, weathered kimberlite at places. Clayey at places. Lower contact is distinct but broken.
109.75	156.30	Massive, volcanoclastic kimberlite intensely brecciated at places. Olivine altered to serpentine and or fresh. Macrocrystic olivine show selvage. Magmaclast are of two colour; grey and brown. Magmaclast seen most commonly as thick selvage around country rock xenoliths and macrocrystic

		olivine. Average size of olivine is approximately 5mm. Abundance percentage of olivine is approximately 70 percent. Abundance of olivine more than 2mm is approximately 40 percent. Phlogopite laths common. Ilmenite most abundant followed by garnet and cpx. Concentration of ilmenite, garnet and cpx is relatively low in comparison to top kimberlite unit. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered in nature. Basement xenoliths are sub-angular and are completely altered. From 120.00 to 125.00m depth is limestone mixed with limestone breccia and highly altered, weathered kimberlite. From 138.00 to 144.00m depth kimberlite show intense brecciation. Magnetite common. Microfractures filled with carbonate very common throughout the run. Large limestone pieces present in between. Lower contact is distinct but broken.
156.30	174.00 (EOH)	Massive limestone showing various bedding features, clayey at places.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-005C

Easting	Northing	Elev	Azimuth	Dip	Depth
306250.7	5851246.7	89.1	241.3	-64.8	174.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 24, 2007
Hole End Date: April 26, 2007

Rig Number: LF-2

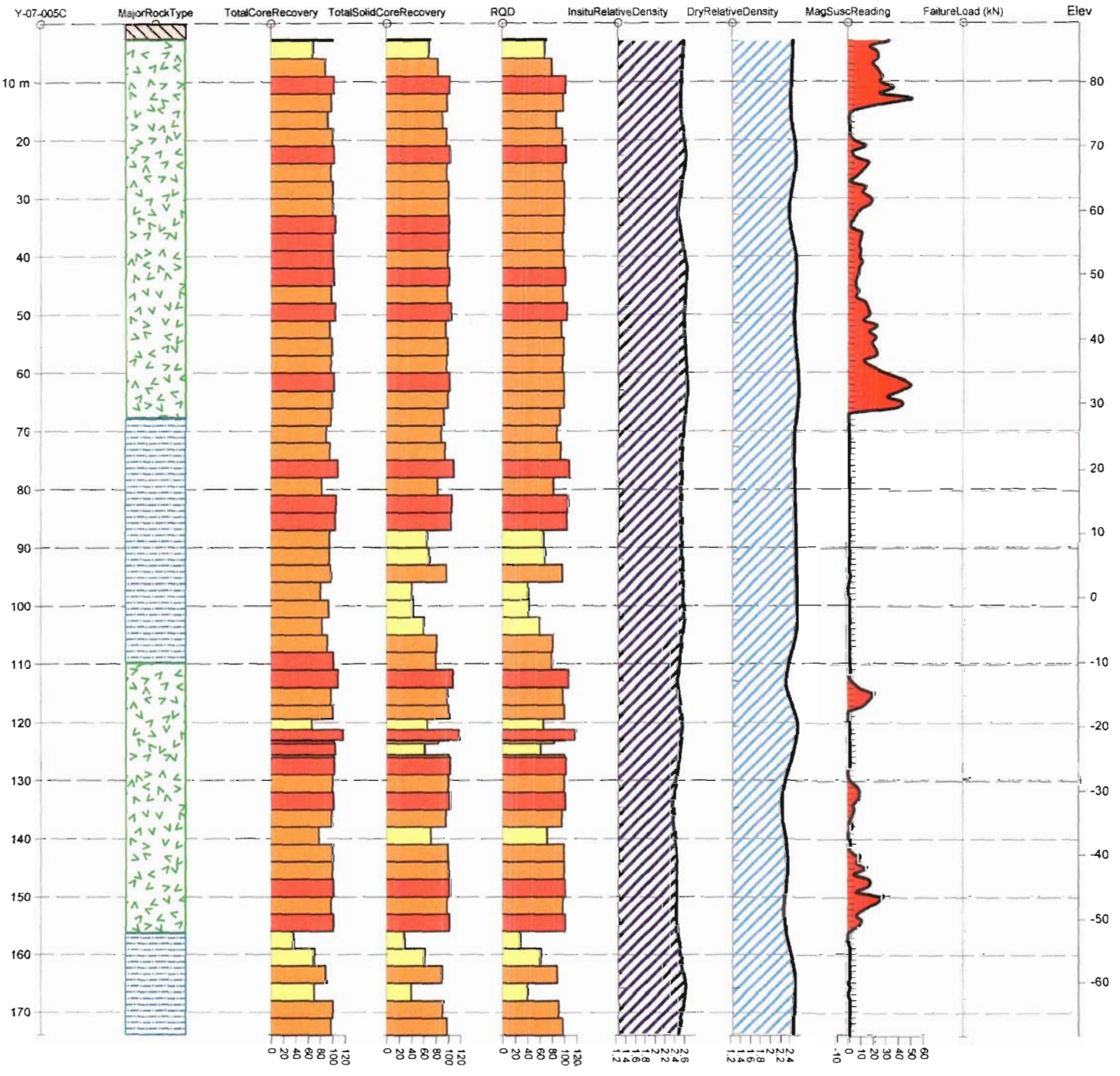
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-006C**
Easting: 306250.625
NAD: NAD83
Survey (EOH): Dip: 65.6° Azimuth: 329.4°

Drilling Contractor: FORACO Inc.
Northing: 5851247.780
Zone: 17
Collar Elevation: 89.056 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 01 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 3 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 12 m
Number of Bags of Cement: 3

Drilling Completed: 04 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 6
Second Plug Depth: 125 m
Number of Bags of Cement: 3

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 2.34 m

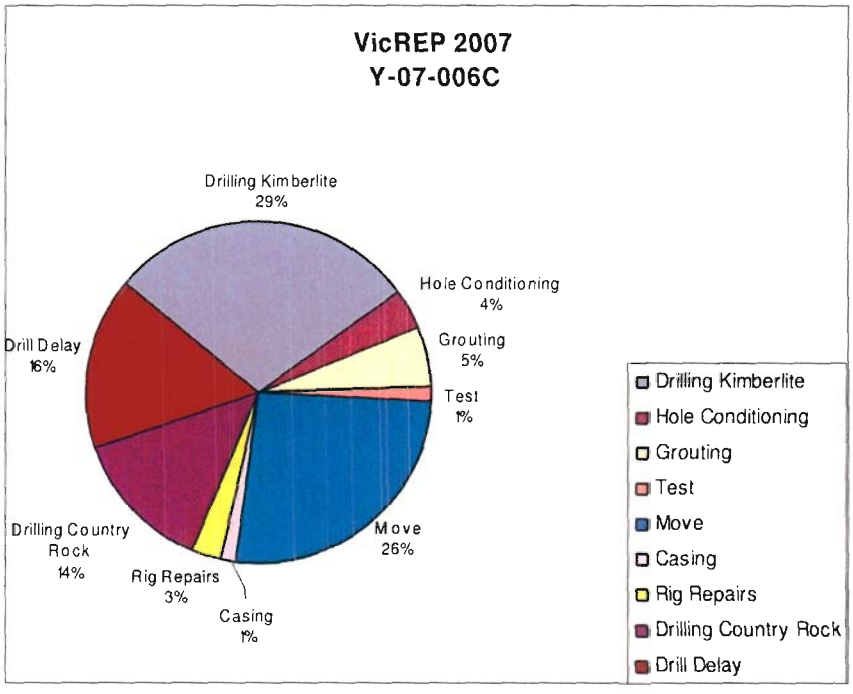
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 120.20 m

End of Hole (EOH): 146.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 117.86 m
Number of Core Boxes: 49

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (29%) or country rock (14%) and drilling delay (16%). There was a shortage of drill personnel to run both rigs resulting in 12 hours of drill delay (17%).

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Y-07-006C | **Date Drilled: May 1-4, 2007**

Logged by: M. Hildebrandt | **Date Logged: May 4, 2007**

Top of Kimberlite: 2.34 m | **EOH: 146.00 m**
Base of Kimberlite: 120.20 m

Summary Log

From	To	
0.00	2.34	Missing – Casing
2.34	107.43	Fine to Medium grained Volcaniclastic Kimberlite
107.43	120.20	Fine to Medium grained Volcaniclastic Kimberlite
120.20	146.00 (EOH)	Country Rock – brecciated limestone

Depth (m) From	To	Description
0.00	2.34	Missing – Casing. NB: Driller cored casing.
2.34	107.43	This massive fine to medium-grained volcaniclastic kimberlite has some crude bedding and grain orientation in sections. The colour is tan to grey. The average particle size is medium lapilli, and the size of the five largest particles is 5, 5, 5, 6, and 7 cm. The average largest particle is 5.6 cm. The dominant olivine grain size is fine to medium-grained. The unit is heavily altered causing minerals to be very difficult to distinguish from the matrix. Textures are well preserved. Total xenolith percentage is 5, and the average xenolith size is 2 cm. Olivine is altered to a variety of shades of orange and red. They are rarely fresh and tend to be angular and elongated. Olivine grain sizes range from 0.5 to 25 mm. The total percentage of olivine is 10. The texture is fragmental and matrix-supported. There are autoliths present which are rounded, elongated and contain a finer grained matrix than the main kimberlite. Juvenile pyroclasts are present; however mantle xenoliths are rare. Limestone and basement xenoliths are equally present representing 5 per cent of the rock volume. Basement xenoliths are unaltered whereas limestone xenoliths are unaltered to slightly altered. Indicator minerals are present. Ilmenite is the most abundant with the largest grain size of 15 mm. Garnet is present with a maximum size of 5 mm. Cpx is rare with a maximum size of 1 mm. The contact is sharp and wavy.
107.43	120.20	This massive medium to coarse-grained volcaniclastic kimberlite is matrix to clast- supported. It is poorly sorted with random grain orientation. There is magnetite veining. The unit appears green because the matrix is serpentinized. The average particle size is medium lapilli, and the size of the five largest particles is 4, 4, 5, 5, and 6 cm. The average largest particle is 4.8 cm. Olivine grain sizes range from 0.5 to 10 mm. The total percentage of olivine is 25. Total xenolith percentage is 10, and the average xenolith size is 1 cm. The texture is fragmental and matrix to clast-supported. Some olivine is fresh, but most are altered to an orange-red. The alteration

		that exists in the free olivine is synonymous within the juvenile pyroclast olivine as well. The grains are angular to sub-rounded. There are small crystal-shaped cavities in spots offering evidence for olivine dissolution. Juvenile pyroclasts are sub-rounded and have a maximum size of 15 mm. Mantle xenoliths were not observed. Limestone xenoliths are angular to rounded and range from grey to green to black in colour. There is some iron oxide staining present. Ilmenite is common; garnet and cpx are rare. Garnet is rounded, and a pale red. The contact is sharp. Minerals and textures are well preserved.
120.20	146.00 (EOH)	This brecciated limestone/sandstone country rock is tan brown. The unit is well preserved.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-006C

Easting	Northing	Elev	Azimuth	Dip	Depth
306250.6	5851247.8	89.0	329.4	-65.6	146.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 1, 2007
Hole End Date: May 4, 2007

Rig Number: LF-2

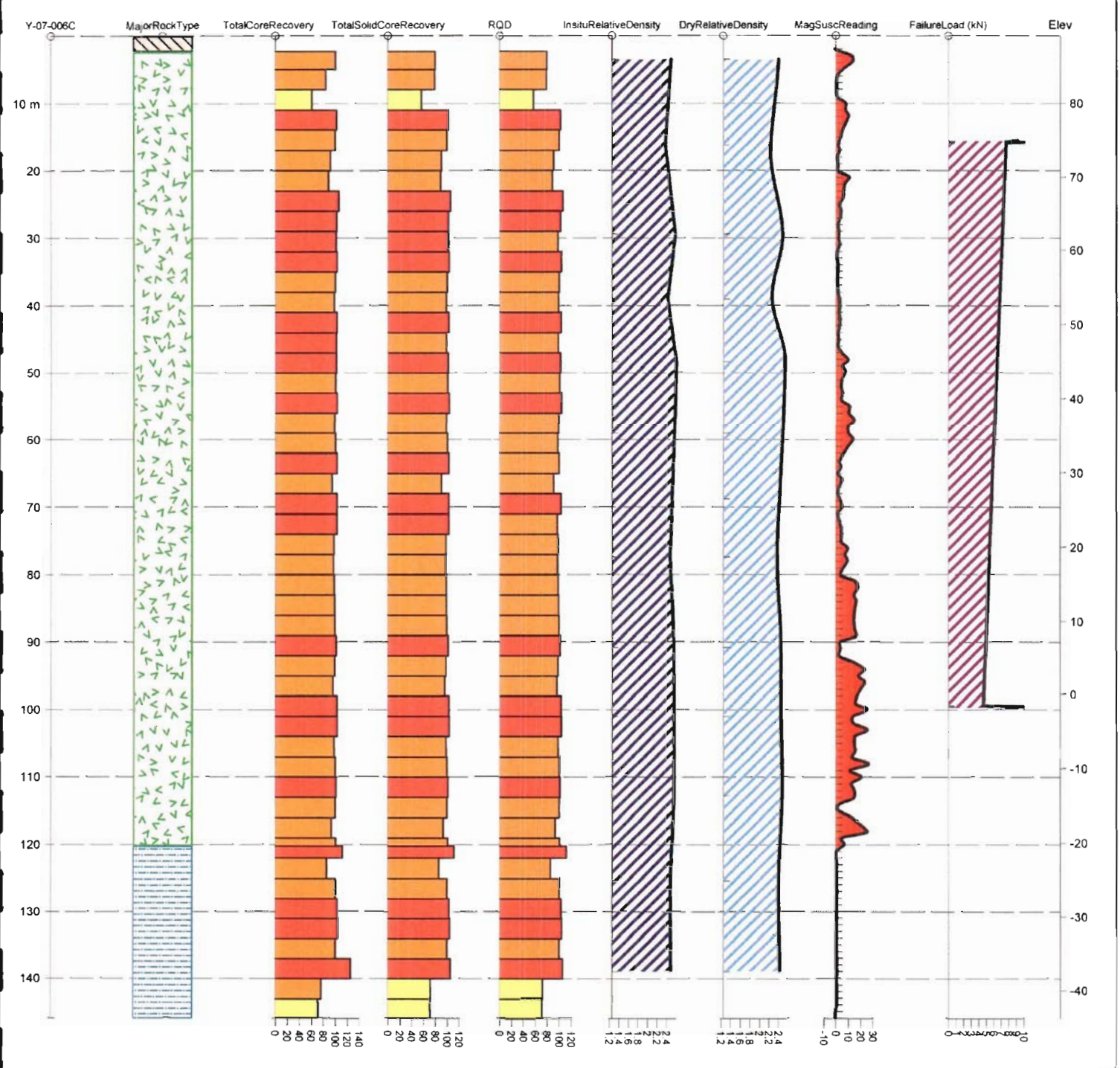
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

- ≥ 125
- ≤ 125
- ≤ 100
- ≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-007H**
Drilling Contractor: FORACO Inc.

Easting: 306170.253
Northing: 5851185.869

NAD: NAD83
Zone: 17

Survey (EOH): Dip: 90° Azimuth: 0.00°
Collar Elevation: 89.160 m

Drill Rig Type: LF-70
Drill Rig Number: LF-2

Drilling Started: 16 April 2007
Drilling Completed: 18 April 2007

Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm

Casing Set to: 15 m
Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): Yes, 15 m
Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): Yes
Cemented (yes/no): No

Date of Abandonment: -
Total Number of Bags of Cement: -

First Plug Depth: -
Second Plug Depth: -

Number of Bags of Cement: -
Number of Bags of Cement: -

Comments: Hole not cemented; cap was put on casing; casing left in hole.

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: NA

Actual Top of Kimberlite: NA
Actual Base of Kimberlite: 0.00 m

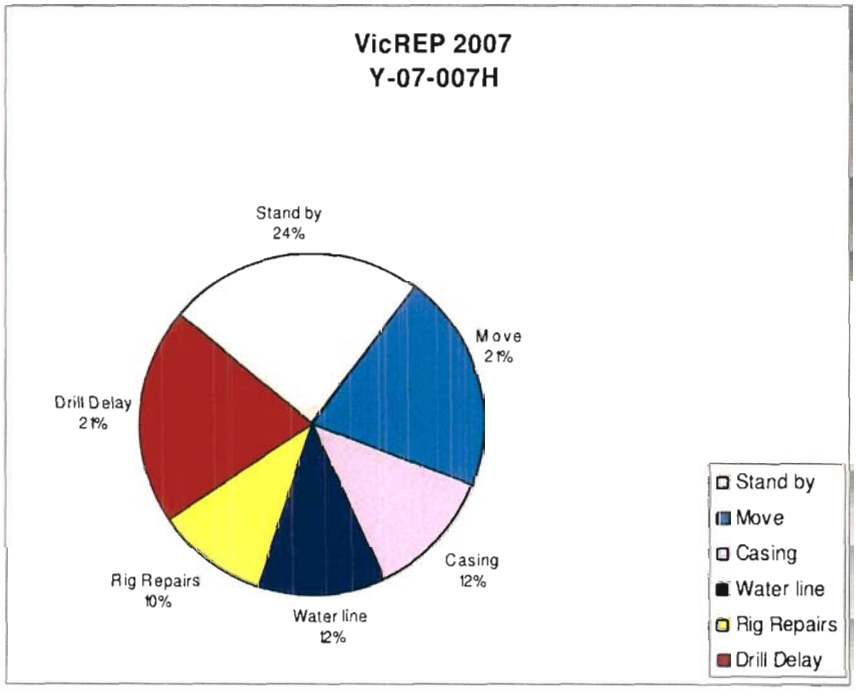
End of Hole (EOH): 15.00 m
Meters of Kimberlite Drilled: NA

EOH Lithology: Limestone
Number of Core Boxes: 1

Reason Hole Called: Depth to retrieve water was achieved.

Comments: Hole location was chosen off kimberlite and an easily accessible location in order to intersect water at shallow depth.

TIME MOTION CHART



The majority of the time was spent on the drill move from Zulu to Yankee (29%), stand by (24%) and drill delay (21%). There was a shortage of drill personnel to run both rigs resulting in 12 hours, and the helicopter was grounded for a total of 14 hours. This also was the waterhole for Yankee, so there was considerable elapsed time for setting up and repairing the frozen waterline (13%). Water was brought to site from a pond. This hole was used to supply water for the other holes.

Project: VicREP 2007

Core Size: HQ

Drill Hole: Y-07-007H

Date Drilled: April 16-18, 2007

Logged by: S. Chuchra

Date Logged: April 19, 2007

Top of Kimberlite: NA
Base of Kimberlite: NA

EOH: 15.00 m

Summary Log

From	To	
0.00	13.22	Missing - Casing
13.22	15.00 (EOH)	Overburden

Depth (m) From	To	Description
0.00	13.22	Missing – Casing
13.22	15.00 (EOH)	This is massive, poorly sorted overburden. 13.22-13.72 m: This contains pebbles of fossiliferous limestone as well as cobbles of granitic clasts. These granitic clasts contain potassium feldspar, biotite, and quartz. 13.72-15.00 m: This is a fine-grained sub-unit which may be glacial till or limestone. It is a highly altered yellowish grey. Note: The photo of the box was rotated 180 degrees.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-007H

Easting	Northing	Elev	Azimuth	Dip	Depth
306170.3	5851185.9	89.2	0.0	-90.0	15.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 16, 2007
Hole End Date: April 18, 2007

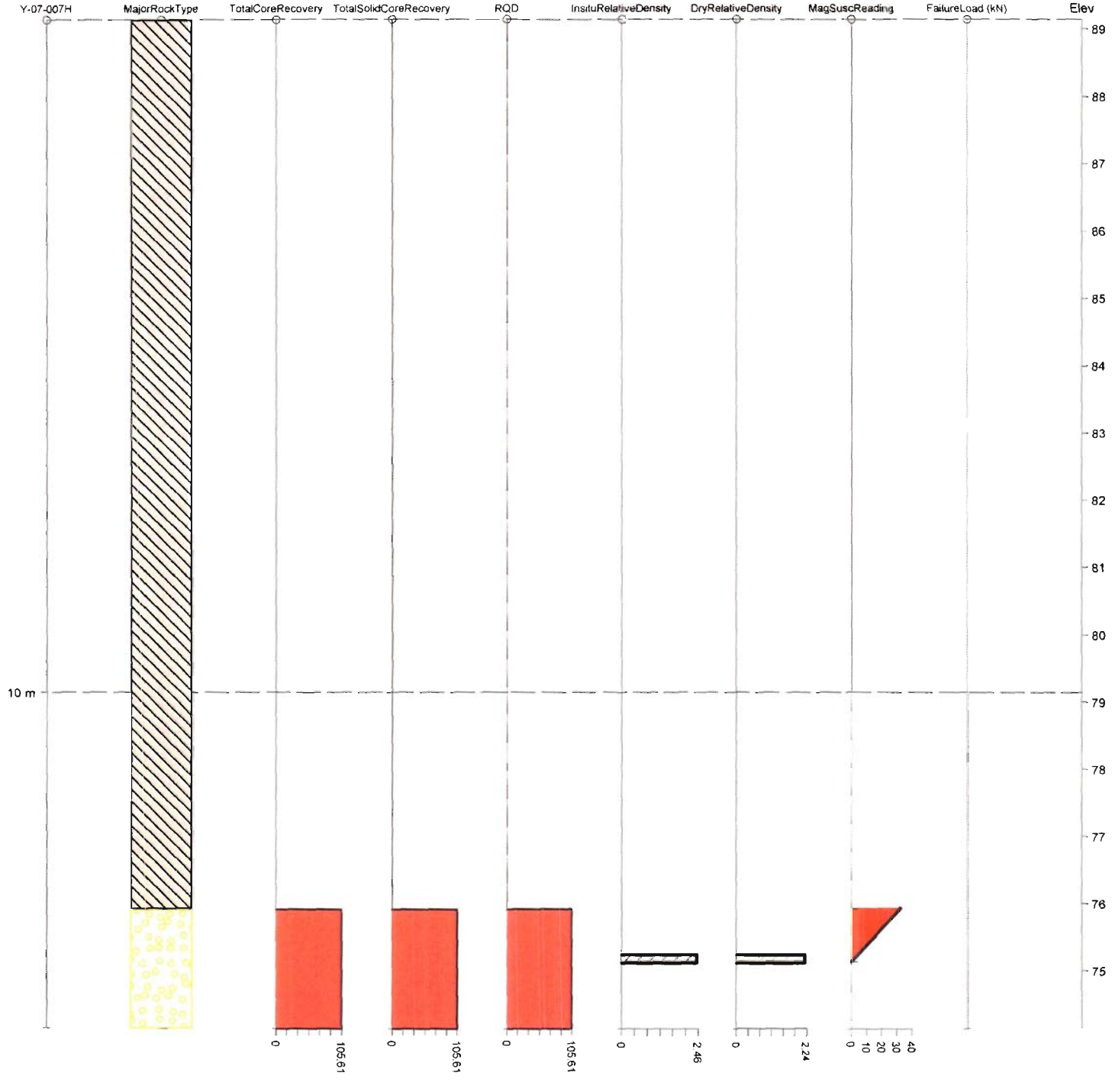
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
OB Overburden

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-008C**
Easting: 306308.409
NAD: NAD83
Survey (EOH): Dip: 88.9° Azimuth: 62°

Drilling Contractor: FORACO Inc.
Northing: 5851251.613
Zone: 17
Collar Elevation: 89.530 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 04 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 9 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 18 m
Number of Bags of Cement: 4

Drilling Completed: 06 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 4
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: NA

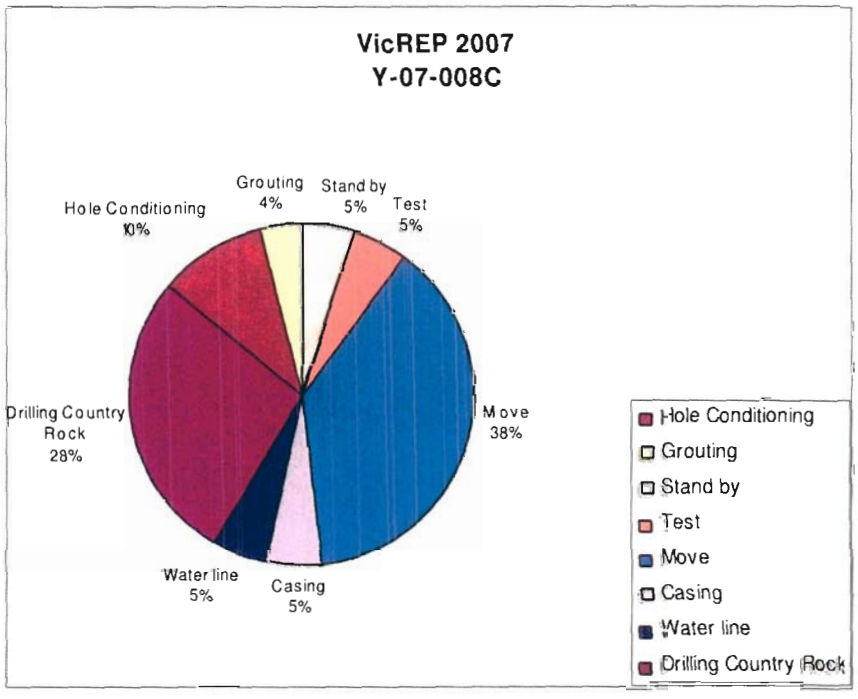
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 0.00 m

End of Hole (EOH): 93.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: NA
Number of Core Boxes: 30

Reason Hole Called: No kimberlite intersected.
Comments: -

TIME MOTION CHART



Elapsed time for drilling country rock (28%) and the drill move (38%) were nearly equal because kimberlite was not intersected. Hole conditioning (10%) contributed 4 hours to elapsed time due to poor drilling conditions. The helicopter was grounded by fog causing a 2 hour stand by (5%).

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Y-07-008C | **Date Drilled: May 4-6, 2007**

Logged by: M. Hildebrandt | **Date Logged: May 6, 2007**

Top of Kimberlite: NA | **EOH: 93.00 m**
Base of Kimberlite: NA

Summary Log

From	To	
0.00	8.65	Missing – Casing
8.65	10.05	Overburden – glacial boulders and till
10.05	93.00 (EOH)	Country Rock – brecciated limestone

Depth (m) From	To	Description
0.00	8.65	Missing – Casing. NB: Driller cored casing.
8.65	10.05	The overburden ranges from soil to pebbles. The contact is sharp and textures are well preserved. 8.65-8.70 m: muskeg 8.70-9.35 m: very rounded pebbles and cobbles of granitic origins 9.35-10.05 m: glacial till; brown, fine, sandy soil
10.05	93.00 (EOH)	This is a limestone unit and has some cemented carbonate joints. Overall it is massive, greyish, and well preserved. 10.05-33.00 m: coarse grained, porous limestone with some porifera present 33.00-43.79 m: fine grained, fossiliferous limestone; possibly a bioherm; porifera, anthozoa, cephalopoda present; multiple modes of preservation; predominant mode of preservation is an external carbonate mold 43.79-93.00 m: brecciated limestone/sandstone mixture; some iron oxide veins in places

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-008C

Easting	Northing	Elev	Azimuth	Dip	Depth
306308.4	5851251.6	89.5	62.0	-88.9	93.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 4, 2007
Hole End Date: May 6, 2007

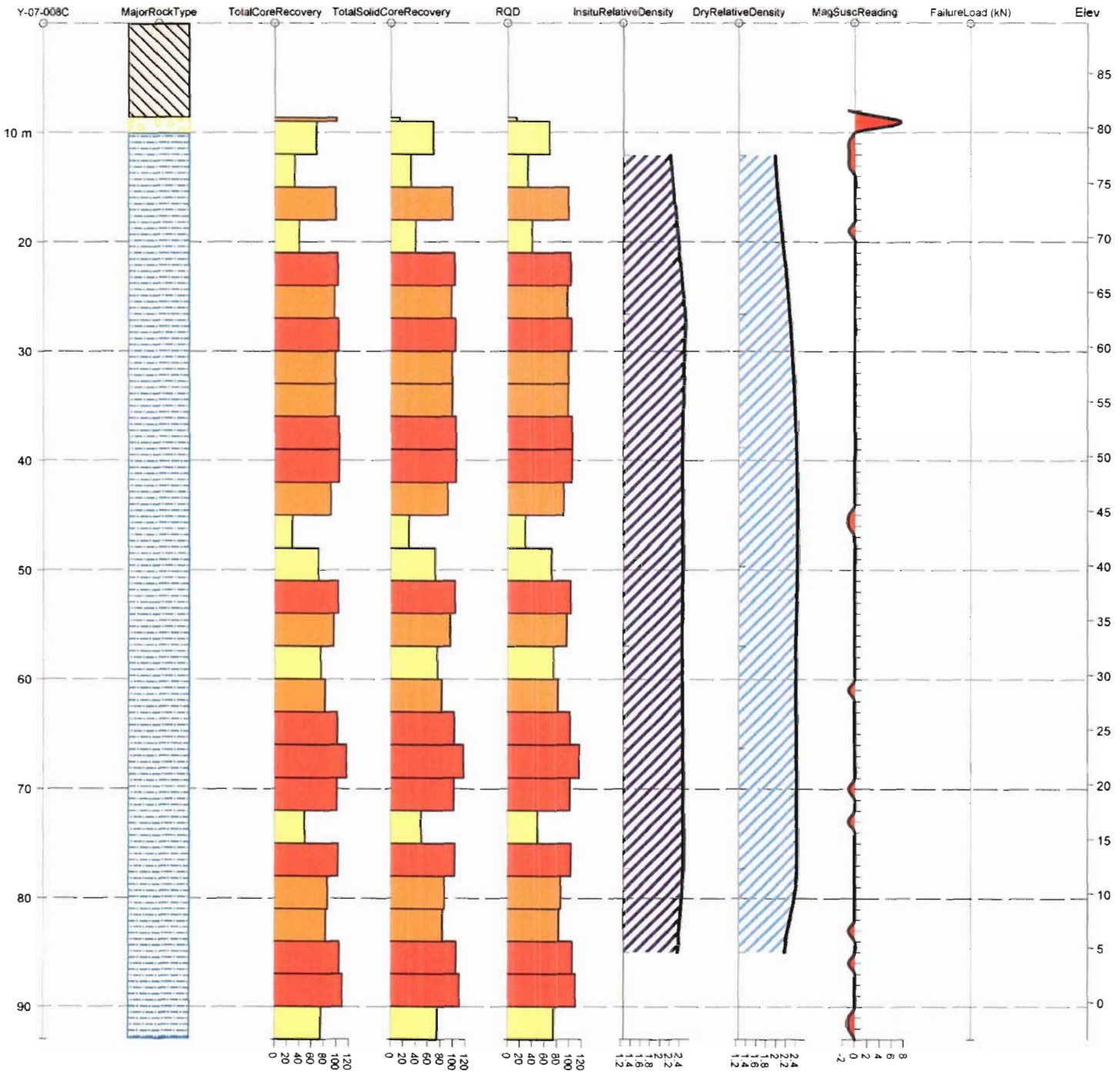
Rig Number: LF-2

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
LMST Limestone
OB Overburden

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-009C**
Easting: 306251.245
NAD: NAD83
Survey (EOH): Dip: 88° Azimuth: 305.3°

Drilling Contractor: FORACO Inc.
Northing: 5851201.553
Zone: 17
Collar Elevation: 89.246 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 06 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 6 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 15 m
Number of Bags of Cement: 3

Drilling Completed: 08 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: NA

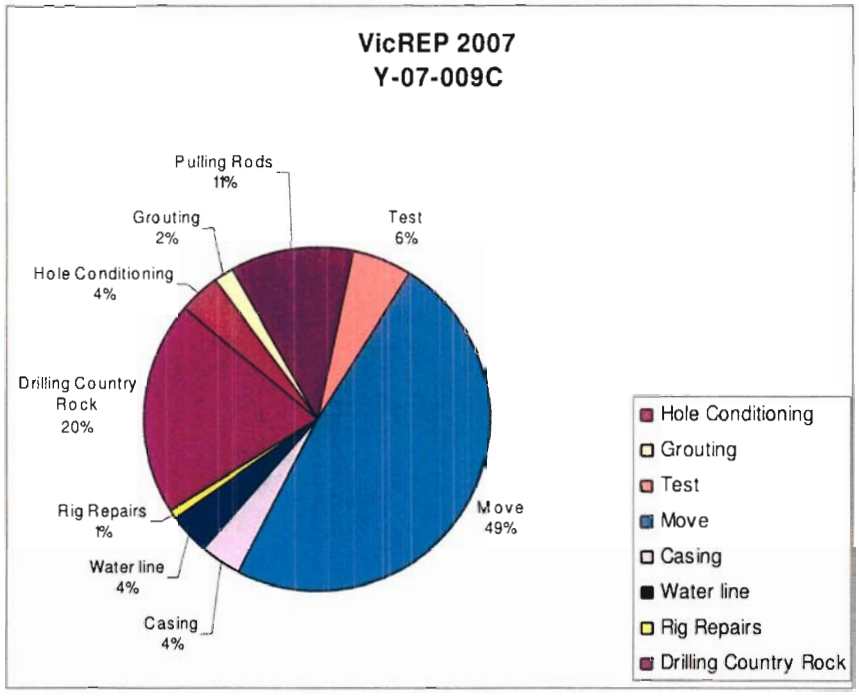
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 0.00 m

End of Hole (EOH): 69.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: NA
Number of Core Boxes: 26

Reason Hole Called: No kimberlite intersected.
Comments: -

TIME MOTION CHART



The drill move (60%) took 25.5 hours. Both rigs were operating on the same waterline which caused drilling to take longer.

Project: VicREP 2007

Core Size: HQ

Drill Hole: Y-07-009C

Date Drilled: May 6-8, 2007
Date Completed: May 8, 2007

Logged by: M. Hildebrandt
Date Logged: May 8, 2007

Top of Kimberlite: NA

Base of Kimberlite: NA

EOH: 69.00 m

Summary Log

From	To	
0.00	6.00	Missing - Casing
6.00	44.63	Country rock - Limestone
44.63	69.00 (EOH)	Country Rock - Limestone sandstone breccia

Depth (m) From	To	Description
0.00	6.00	Missing – Casing
6.00	44.63	This is a porous limestone unit and has some cemented carbonate joints. Overall it is massive, greyish, and well preserved. Fossils are present throughout, particularly porifera. There are carbonate veins present near the broken contact.
44.63	69.00 (EOH)	This is a brownish grey massive limestone sandstone breccia. The unit is micaceous suggesting that there may be infiltration of kimberlitic fluid. Carbonate veins and cemented joints are present. This is a porous limestone unit and has some cemented carbonate joints. Overall it is massive, greyish, and well preserved. Fossils are present throughout and include crinoid stem pieces and shell fragments.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-009C

Easting	Northing	Elev	Azimuth	Dip	Depth
306251.2	5851201.6	89.2	305.3	-88.0	69.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 6, 2007
Hole End Date: May 8, 2007

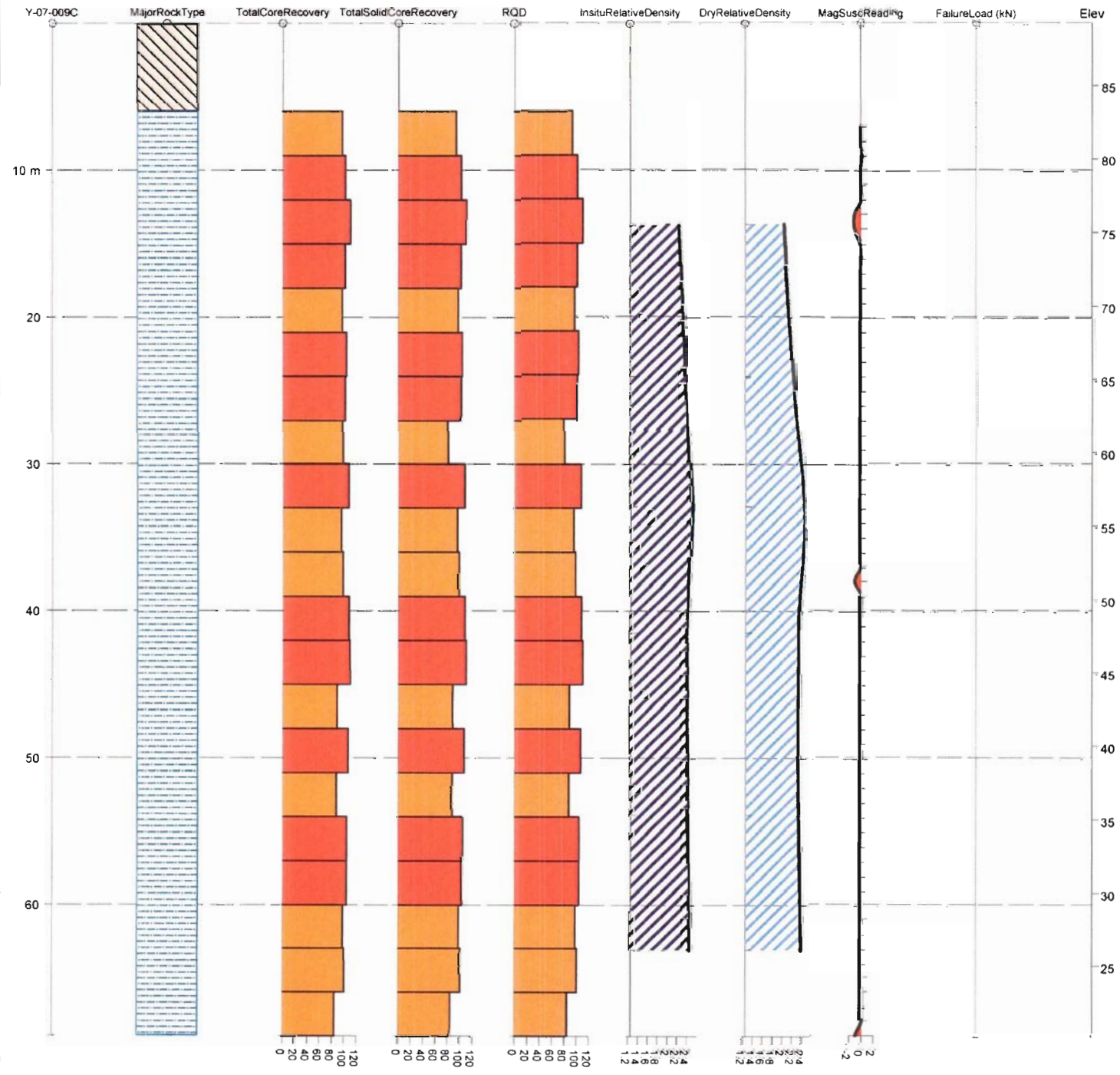
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
LMST Limestone

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-010C**
Easting: 306219.573
NAD: NAD83
Survey (EOH): Dip: 89.3° Azimuth: 294.70°

Drilling Contractor: FORACO Inc.
Northing: 5851280.243
Zone: 17
Collar Elevation: 89.480 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 08 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 3 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 4
Number of Bags of Cement: 3

Drilling Completed: 18 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 2.65 m

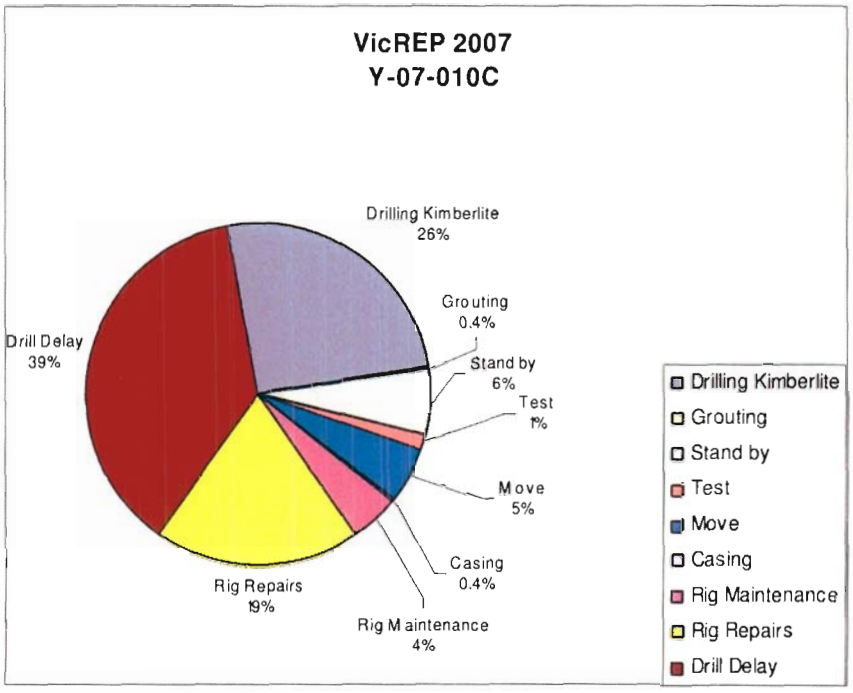
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 258.00 m

End of Hole (EOH): 258.00 m
EOH Lithology: Kimberlite

Meters of Kimberlite Drilled: 255.35 m
Number of Core Boxes: 93

Reason Hole Called: Target depth was reached.
Comments: -

TIME MOTION CHART



Serious problems with the drill which caused drill delay (39%), rig repairs (19%), and rig maintenance (4%) to contribute the highest portions of elapsed time. The rotation units were exchanged between LF70-1 and LF70-2 to continue drilling; however, poor drilling conditions and a lack of water pressure continued to give the drillers problems. There was a 80 hour drill delay waiting for parts to arrive from North Bay (chuck bearing), and a 12 hour drill delay because there were no personnel to operate the rig. This was the beginning of the demobilization of LF70-2 (to ATT-07-001C), and 8 hours of demobilization were not shown in the pie chart for Y-07-010C.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: Y-07-010C	**Date Drilled: May 8-18, 2007**
Logged by: Gargi Mishra	**Date Logged: May 10-19, 2007**
Top of Kimberlite: 2.65 *m*	**EOH 258.00 *m***
Base of Kimberlite: 258.00 m	

Summary Log

From	To	
0.00	2.65	Missing - Casing
2.65	176.00	Kimberlite medium grained.
176.00	258.00 (EOH)	Kimberlite breccia

Depth (m) From	To	Description
0.00	2.65	Missing – Casing. NB: Driller cored casing.
2.65	176.00	Massive, volcaniclastic, clast-supported brown to grey green color kimberlite. Olivine altered to serpentine, orange and or fresh. Magmaclast rounded to irregular in shape and are of two types, very fine ash size particle and fine to medium size particle within. Magmaclast show two colors grey and green. Macrocrystic olivine shows thin selvage at places. Olivine show intergrowth of cpx and ilmenite at places. Abundance percentage of olivine is ~70 percent. Abundance of olivine more than 2mm in size is ~50 percent. Garnets are purple in color and show kelyphytic rim at places. Ilmenites are most abundant followed by garnet and cpx. Matrix is serpentine rich. From 36m depth onwards kimberlite is grayish green in color. Phlogopite laths are common. Kimberlite with depth show increase in clast concentration and grain size with in between fine matrix supported, mica rich kimberlite, grain show orientation seen at 83.0-85.10m of depth, 87.00 to 88.34m depth. From 73m depth onwards olivine altered to orange. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular and show zoning at places. Lower contact is gradational.
176.00	258.00 (EOH)	Massive volcaniclastic kimberlite breccia. Olivine altered to serpentine, orange and or fresh. Olivines are worn-out at places. Coarse macrocrystic olivine >15 mm seen at places. Abundance percentage of olivine is ~70 percent. Abundance percent of olivine more than 2mm in size is ~50 percent. Magmaclast is angular in shape and seen more commonly as thick selvage around olivine and country rock xenoliths. Magmaclast are of two color green and brown. Mantle xenoliths seen at places consist of cpx and garnet size range from 3-5mm. Ilmenite most abundant followed by cpx and garnet. Garnets are purple in color and show kelyphytic rim at places. Green mica seen at places. Limestone xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular. Limestone xenoliths show fossilized shells at places. Basement xenoliths are sub-angular in shape and are partially to completely altered. From 245.60 to 248.00 m depth is limestone xenolith with in between kimberlite. From ~219m depth onwards kimberlite is highly serpentinised and less competent and weathered.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-010C

Easting	Northing	Elev	Azimuth	Dip	Depth
306219.6	5851280.2	89.5	294.7	-89.3	258.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 8, 2007
Hole End Date: May 18, 2007

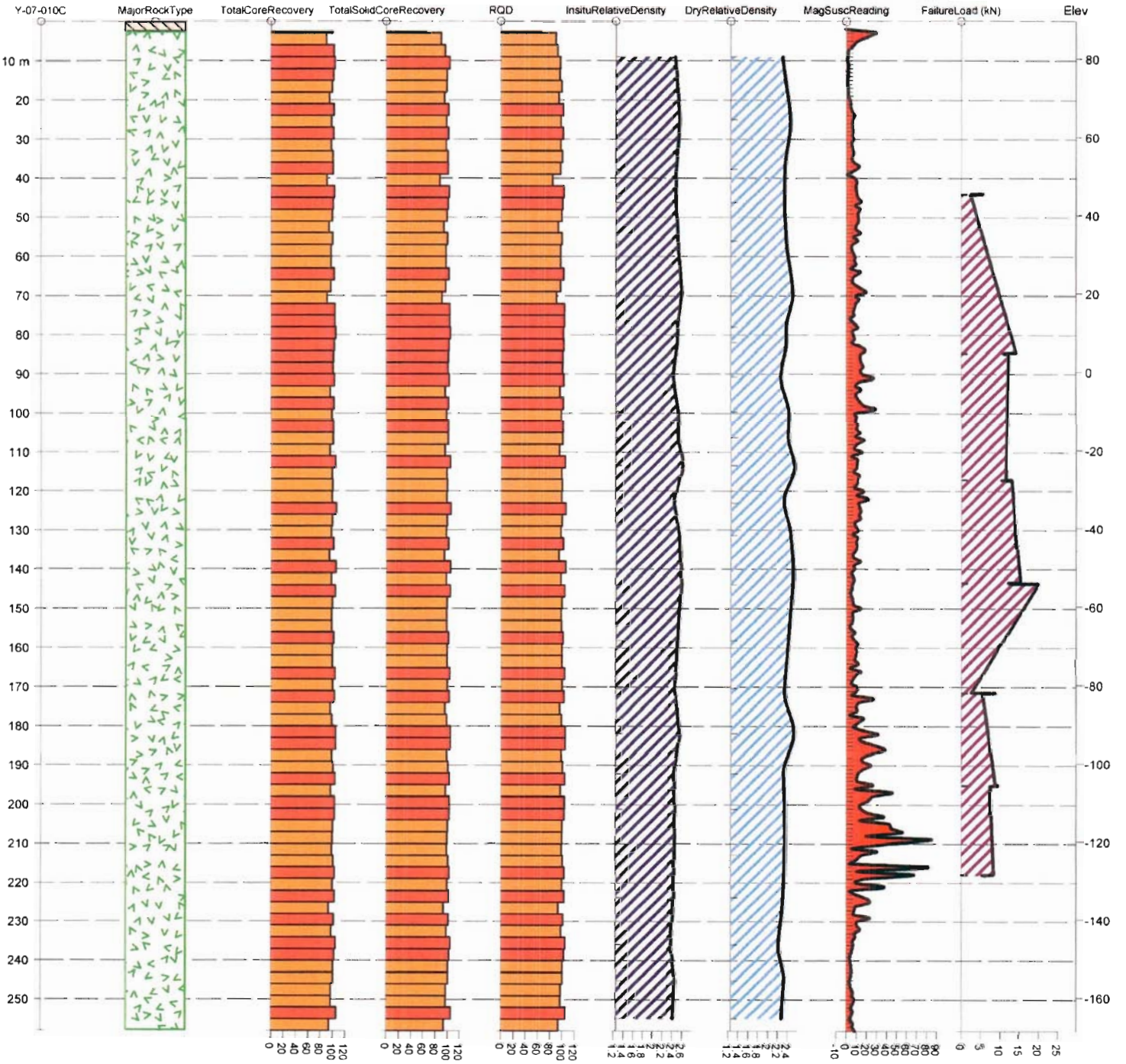
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-011C**
Easting: 306310.351
NAD: NAD83
Survey (EOH): Dip: 89.3° Azimuth: 343.60°

Drilling Contractor: FORACO Inc.
Northing: 5851145.717
Zone: 17
Collar Elevation: 89.538 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 09 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 15 m
Casing left in Hole (yes/no): No
Reason: --
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 15 m
Number of Bags of Cement: 3

Drilling Completed: 11 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 6
Second Plug Depth: 225 m
Number of Bags of Cement: 3

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 71.42 m

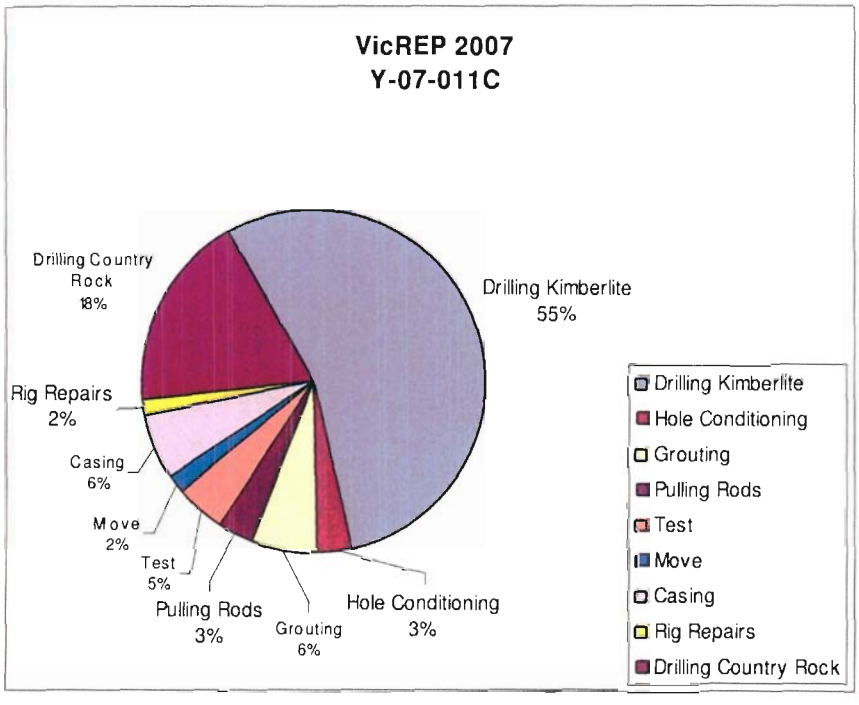
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 237.50 m

End of Hole (EOH): 240.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 166.08 m
Number of Core Boxes: 77

Reason Hole Called: Limestone was intersected.
Comments: -

TIME MOTION CHART



The majority of the elapsed time was spent on drilling kimberlite (55%). The top limestone block made drilling the country rock (18%) very difficult and resulted in 2 hours of hole conditioning (3%). The 1 hour of rig repairs represents the time needed to exchange rotation units on LF70-1 to LF70-2.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Y-07-011C | **Date Drilled: May 9-11, 2007**

Logged by: Gargi Mishra | **Date Logged: May 11-12, 2007**

Top of Kimberlite: 71.42 m | **EOH: 240.00 m**
Base of Kimberlite: 237.50 m

Summary Log

From	To	
0.00	14.71	Missing
14.71	71.42	Limestone breccia with fluidization
71.42	177.00	Kimberlite
177.00	224.20	Kimberlite breccia
224.20	237.50	Interbedded kimberlite
237.50	240.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	14.71	Missing, casing
14.71	71.42	Massive limestone brecciated at places and show kimberlitic fluidization some places. From 80.04 to 90.00 m depth is weathered contact zone with intense kimberlite-limestone interaction. Lower contact is gradational.
71.42	177.00	Massive, volcaniclastic grey color kimberlite. Olivine altered to orange, serpentine, carbonate and or fresh. Abundance percentage of olivine is approximately 50 percent. Abundance percentage of olivine more than 2mm in size is approximately 15 percent. Macrocrystic olivine show selvage at places. Mantle xenoliths seen at places, slightly altered (at 83.50 m depth) mainly consist of cpx and purple garnet. Phlogopite common. Magnetite seen at places. Ilmenites are more abundant than garnet and cpx. Matrix is carbonatised at places. Olivine show intergrowth of cpx and garnet. Grains show orientation at places. Magmaclast seen as selvage around country rock xenoliths and olivine. Limestone country rock xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular to sub-angular and are unaltered to slightly altered. Basement xenoliths are sub-angular and are slightly altered. Basement xenoliths show garnet at places. Lower contact is gradational.
177.00	224.20	Massive kimberlite breccia, light brown in color. Olivine altered to orange, carbonate, serpentine and or fresh. Abundance percentage of olivine is approximately 60 percent. Abundance percentage of olivine more than 2mm in size is approximately 30 percent. Average size of olivine is fine to medium-grained but coarse to very coarse macrocrystic olivines are also common. Magmaclast seen as selvage around country rock xenoliths and olivine. Magmaclast are sub-angular, rounded and oval in shape. Garnets are purple in color and show kelyphytic rim at places. Ilmenites are most abundant followed by garnet and cpx. Phlogopite common. Magnetite seen at places. Limestone xenoliths are more abundant than basement xenoliths. Concentrations of country rock xenoliths vary from 20-30 percent and are very angular in general. Limestone xenoliths are unaltered to

		slightly altered and show zoning. Basement xenoliths are slightly to completely altered. Carbonate filled mircofracture is common throughout the unit. Lower contact is gradational.
224.20	237.50	Interbedded kimberlite (?) with alternate limestone pieces. Distinct contact seen between kimberlite and limestone at places. Kimberlite is brecciated at places. Olivine altered to serpentine or fresh. Matrix highly serpentinised. Abundance percentage of olivine varies from 40-60 percent. Angular fragments of limestone and basement xenoliths are more common. Indicators are almost absent. From 224.20 - 226.70 m depth is limestone. From 226.70 - 229.00 m depth is weathered kimberlite. From 229.00 - 231.00 m depth is clayey weathered kimberlite mixed with clayey limestone. From 231.00 - 232.30 m depth is limestone. From 232.30 - 234.00 m depth is kimberlite with coarse angular clast of country rock xenoliths. From 234.00 - 235.10 m depth is limestone. From 235.10 - 237.50 m depth serpentinised kimberlite.
237.50	240.00 (EOH)	Massive limestone.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-011C

Easting	Northing	Elev	Azimuth	Dip	Depth
306310.4	5851145.7	89.5	343.6	-89.3	240.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 9, 2007
Hole End Date: May 11, 2007

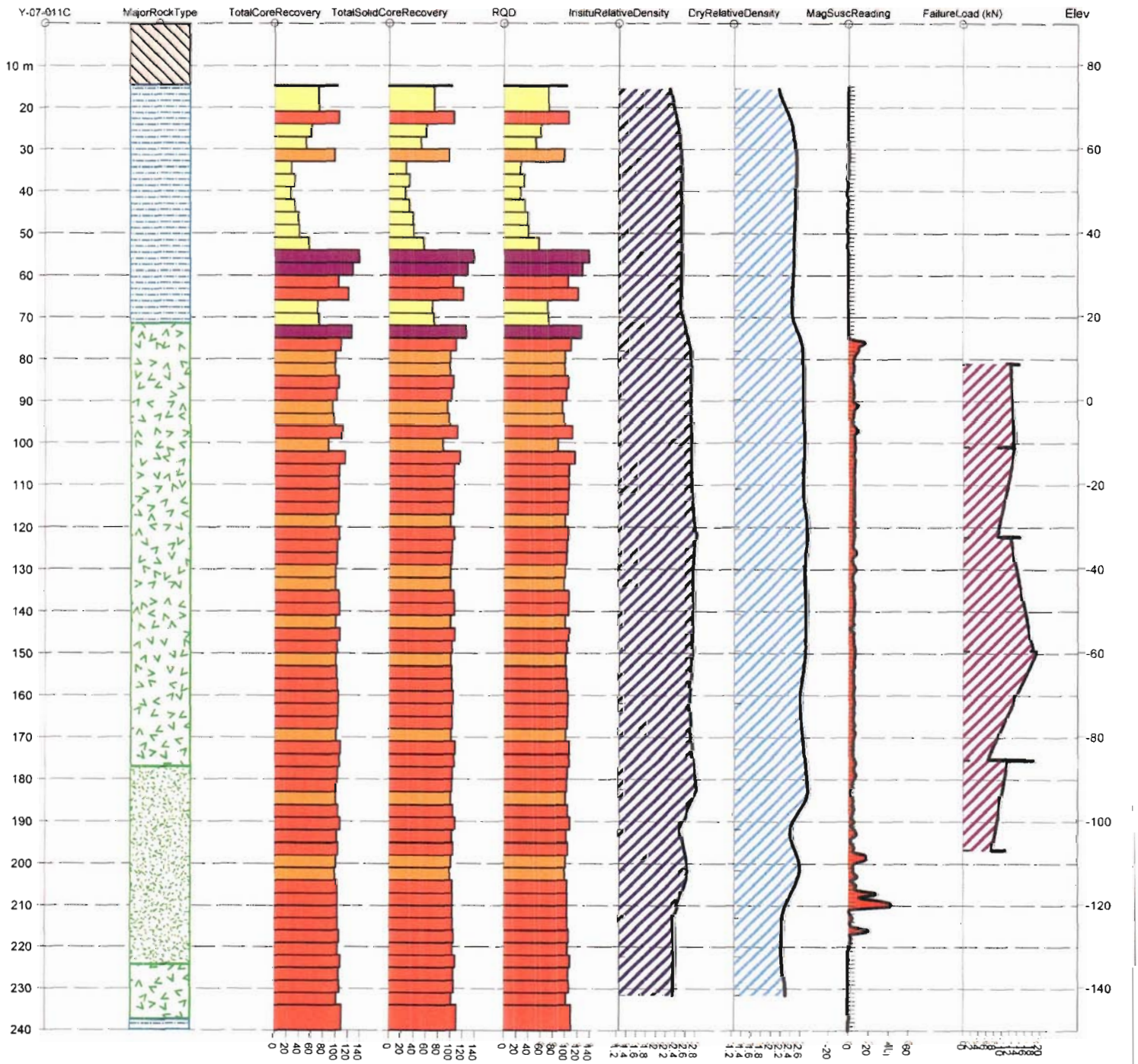
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
KB	Kimberlite breccia	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-012C**
Easting: 306310.351
NAD: NAD83
Survey (EOH): Dip: 55.8° Azimuth: 150.1°

Drilling Contractor: FORACO Inc.
Northing: 5851145.717
Zone: 17
Collar Elevation: 89.552 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 05 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 12 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 12 m
Number of Bags of Cement: 3

Drilling Completed: 09 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 7
Second Plug Depth: 118 m
Number of Bags of Cement: 4

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 90.00 m

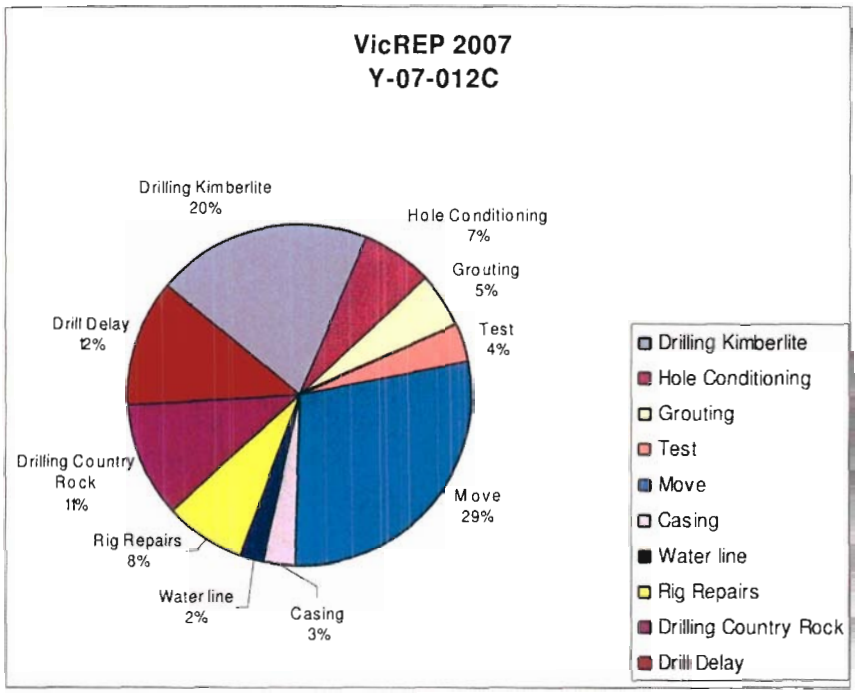
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 111.70 m

End of Hole (EOH): 138.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 21.70 m
Number of Core Boxes: 41

Reason Hole Called: Hole was completed in limestone.
Comments: Y-07-012C was placed to intersect limestone/kimberlite contact which had not been intersected in hole Y-07-004C.

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (20%) or country rock (11%), moving the rig (29%), and drilling delay (12%). The move took longer as the drill was moving from Zulu to Yankee and the crew had to enlarge the pad. There was a shortage of drill personnel to run both rigs resulting in 12 hours. Poor drilling conditions while drilling limestone required to change the casing shoe. The oil cooler had to be changed as the system heated up too much. As a result of both rigs operating off of the same line lower water pressure on the waterline (2%) made drilling slower. Changes were made on the set-up of the waterline

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Y-07-012C | **Date Drilled: May 5-9, 2007**

Logged by: Gargi Mishra | **Date Logged: May 9, 2007**

Top of Kimberlite: 90.00 m | **EOH: 138.00 m**
Base of Kimberlite: 111.70 m

Summary Log

From	To	
0.00	12.00	Missing - Casing
12.00	90.00	Limestone breccia with fluidization
90.00	111.70	Kimberlite
111.70	138.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	12.00	Missing, casing
12.00	90.00	Massive limestone brecciated at places and show kimberlitic fluidization some places. From 80.04 to 90.00 m depth is weathered contact zone with intense kimberlite-limestone interaction. Lower contact is gradational.
90.00	111.70	Massive, volcaniclastic matrix-supported grey color kimberlite. Olivine altered to serpentine completely replaced by carbonate and or fresh. Olivine show thin selvage especially those replaced by carbonate. Abundance percentage of olivine is approximately 60 percent. Abundance percentage of olivine more than 2mm is 45 percent. Average size of olivine is 2-5 mm. Olivine show intergrowth of cpx at places. Phlogopite laths are very common. Ilmenites are most abundant followed by garnet and cpx. Garnets are purple in color. Mantle xenoliths are highly altered. Matrix highly carbonatised. Magmaclast is irregular in nature and seen as selvage around olivine and country rock xenoliths. Country rock xenoliths concentration is very low. Limestone is more abundant than basement. Limestone xenoliths are angular to sub- angular and are unaltered to slightly altered. Basements xenoliths are highly altered and are sub-angular. Carbonate filled microfractures running throughout the unit. From 106.57 to 111.00 m depth olivine altered to orange. From 111.00 to 111.70 m depth is clayey, weathered contact zone. Lower contact is broken.
111.70	138.00 (EOH)	Massive limestone with some fluidization and brecciation at places.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-012C

Easting	Northing	Elev	Azimuth	Dip	Depth
306310.8	5851146.0	89.5	150.1	-55.8	138.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 5, 2007
Hole End Date: May 9, 2007

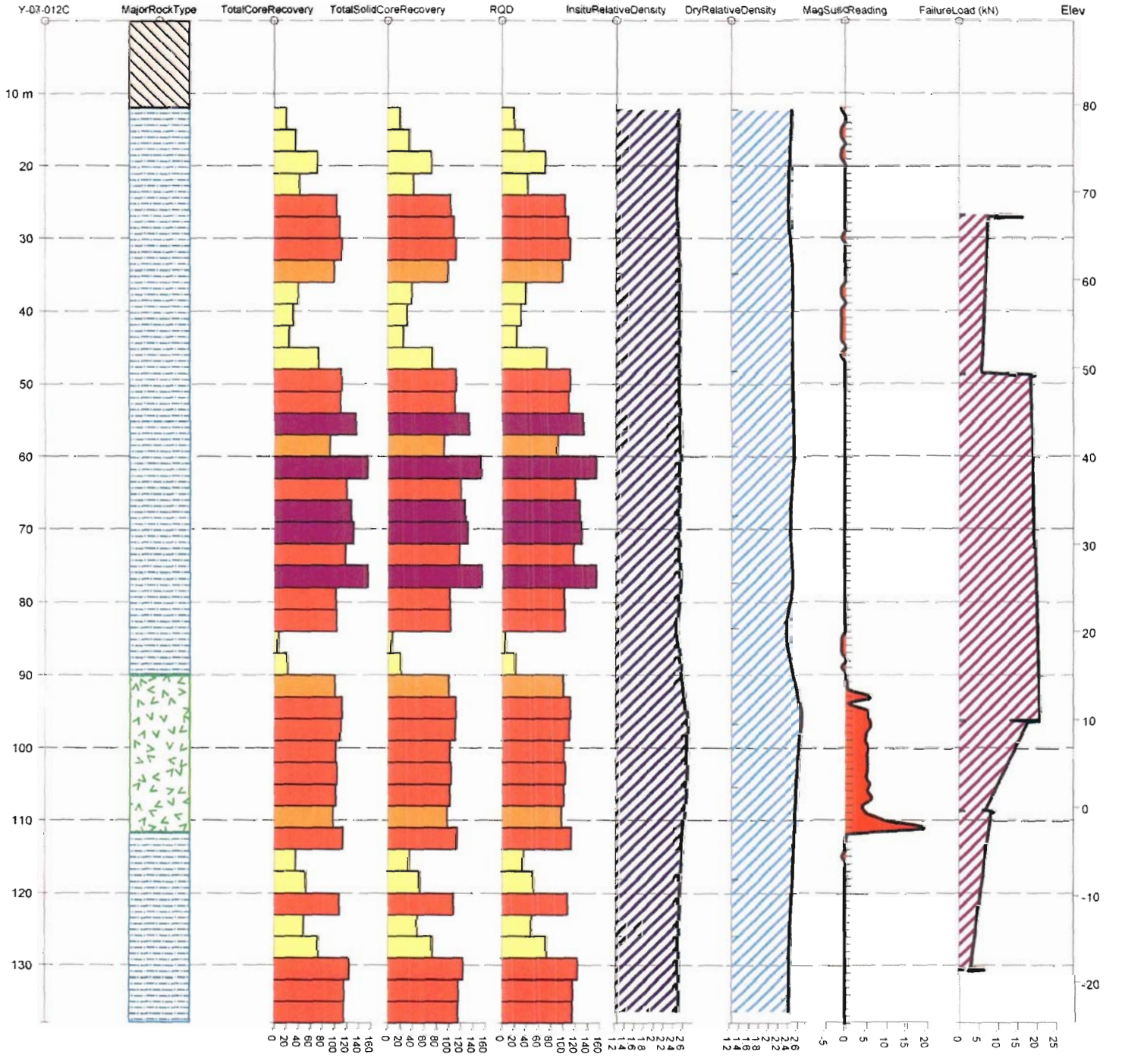
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Y-07-013C**
Easting: 306279.741
NAD: NAD83
Survey (EOH): Dip: 89.2° Azimuth: 349.7°

Drilling Contractor: FORACO Inc.
Northing: 5851278.397
Zone: 17
Collar Elevation: 89.208 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 11 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 16.5 m
Casing left in Hole (yes/no): Yes, 16.5 m
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: -
First Plug Depth: 15 m
Number of Bags of Cement: 3

Drilling Completed: 15 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: Casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 21.40 m

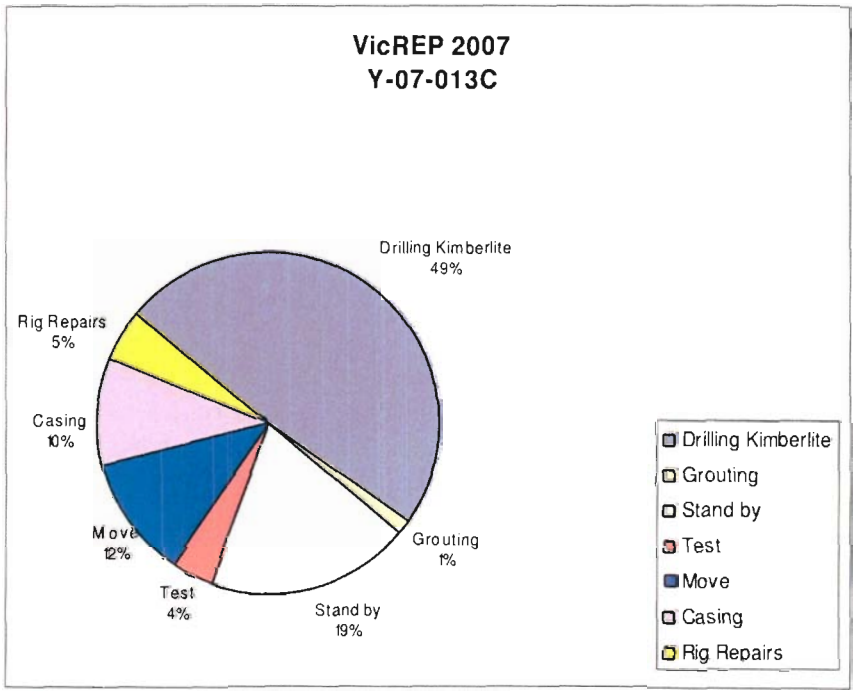
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 252.00 m

End of Hole (EOH): 252.00 m
EOH Lithology: Kimberlite

Meters of Kimberlite Drilled: 230.60 m
Number of Core Boxes: 85

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (49%). Stand by (19%) for the helicopter to assist in the move was 15 hours. Rig repairs (5%) were completed on the rotation unit and the housing for the hydraulic pump.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Y-07-013C | **Date Drilled: May 11-15, 2007**

Logged by: Gargi Mishra | **Date Logged: May15, 2007**

Top of Kimberlite: 21.40 m | **EOH 252.00 m**
Base of Kimberlite: 252.00 m

Summary Log

From	To	
0.00	15.90	Missing - Casing
15.90	21.40	Overburden
21.40	148.00	Kimberlite
148.00	252.00 (EOH)	Highly altered kimberlite

Depth (m) From	To	Description
0.00	15.90	Missing, casing
15.90	21.40	Overburden, glacial till (?). Crystalline limestone mixed with sandstone at places. At 22.70 m of depth ~40 cm long rubble zone seen which possibly belong to the top overburden. From 21.00 to 22.77 m core is mixed of broken kimberlite and overburden. To keep integrity of core box geologist didn't move the core.
21.40	148.00	Massive, volcaniclastic kimberlite. Clast-supported. Olivine coarse to medium-grained. Abundance percentage of olivine is ~80 percent. Abundance percentage of olivine more than 2mm in size is ~60-65 percent. Olivine altered to orange or filled with carbonate (calcite) at places. Fresh olivine seen at places. Coarse olivine macrocrysts from 10-50 mm in size seen commonly dunite (?). Magmaclast surrounded to oval and seen commonly as thick selvage around country rock xenoliths and olivine. Magmaclast are of two types, fine-grained and medium-grained. Ilmenites are most abundant. Cpx and garnet seen. Cpx is more common than garnet. Garnets are purple in color and show kelyphytic rim at places. Phlogopite laths very common. Concentration of country rock xenoliths is high ~10-12 percent. Limestone xenoliths are more abundant than basement. Limestone xenoliths are angular to sub-angular and unaltered to slightly altered. Basement xenoliths are sub-angular and are partially altered. From 88.20 to 96.40 m depth kimberlite is matrix-supported, and altered, carbonatised. Grains are worn out at places. Lower contact is sharp and irregular and dipping.
148.00	252.00 (EOH)	Matrix-supported highly carbonatised kimberlite. Olivine altered to orange, carbonate and or fresh at places. Coarse-grained olivine seen more common after ~216.00 m depth. Coarse olivine are worn out or replaced by carbonate. Large laths of phlogopite common. Phlogopite as big as ~45mm seen at place. Ilmenite most abundant. Garnet and cpx seen but not so common. Mantle xenoliths seen at places mainly consist of garnet and cpx and are slightly altered. Grains are aligned at places. Kimberlite color varies from light brown to grey and is mainly due to alteration. Magmaclast are sub-angular to sub-rounded and seen as thick selvage around country rock

xenoliths and olivine. Limestone xenoliths are more abundant than basement and are angular to sub-angular. Carbonate filled microfracture are very common. Small micro fault seen at place. Vertical fabric (?) seen at places.

VicREP 2007:
Yankee Kimberlite Body

STRIP LOG: Y-07-013C

Easting	Northing	Elev	Azimuth	Dip	Depth
306279.7	5851278.4	89.2	343.7	-89.2	252.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 11, 2007
Hole End Date: May 15, 2007

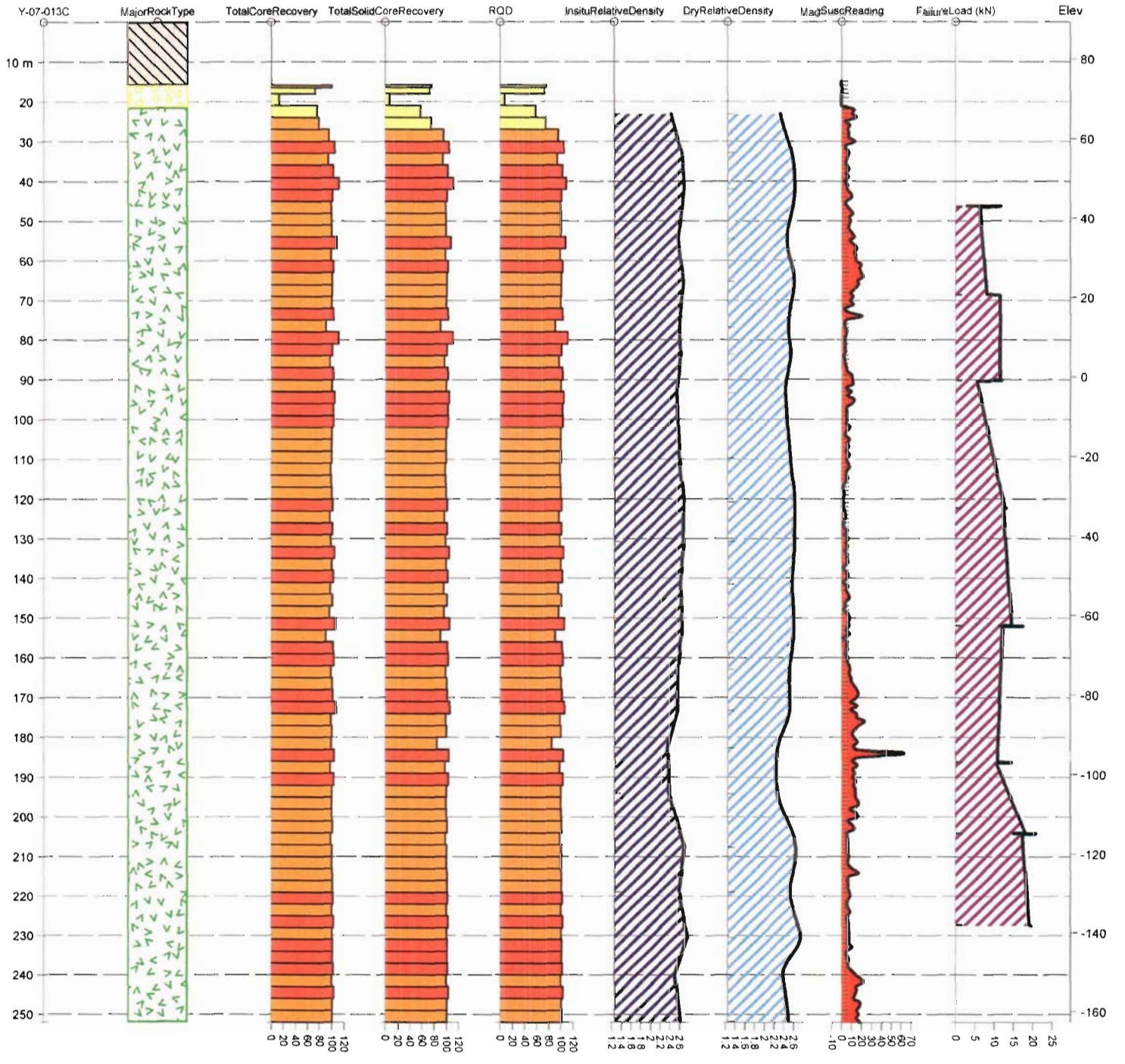
Rig Number: LF-1

DE BEERS
CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
OB	Overburden	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Z-07-009C**
Easting: 308799.260
NAD: NAD83
Survey (EOH): Dip: 89.5° Azimuth: 349°
Drill Rig Type: LF-70
Drilling Started: 22 March 2007
Casing Bit: HWT Casing Bit
Casing Set to: 6 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 May 2007
First Plug Depth: -
Number of Bags of Cement: -

Drilling Contractor: FORACO Inc.
Northing: 5845897.272
Zone: 17
Collar Elevation: 85.929 m
Drill Rig Number: LF-2
Drilling Completed: 26 March 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm
Cemented (yes/no): No
Total Number of Bags of Cement: -
Second Plug Depth: -
Number of Bags of Cement: -

Comments: Hole not cemented; cap was put on casing; casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 5.60 m

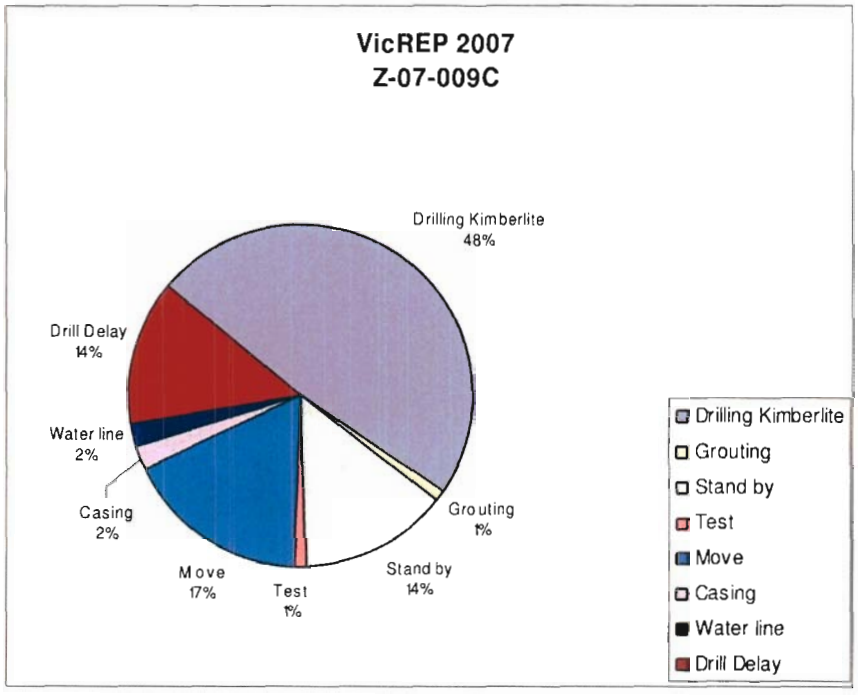
End of Hole (EOH): 270.00 m
EOH Lithology: Kimberlite

Reason Hole Called: Reached target depth.
Comments: -

Predicted Base of Kimberlite: 250 m
Actual Base of Kimberlite: 270.00 m

Meters of Kimberlite Drilled: 264.40 m
Number of Core Boxes: 98

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (48%). There was a shortage of drill personnel to run both rigs resulting in 12 hours of drill delay (17%). Waiting for the helicopter to assist in the move contributed 12 hours of stand by (14%).

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Z-07-009C | **Date Drilled: March 22-26, 2007**

Logged by: Gargi Mishra | **Date Logged: March 27-28, 2007**

Top of Kimberlite: 5.60 m | **EOH: 270.00 m**
Base of Kimberlite: 270.00 m

Summary Log

From	To	
0.00	5.60	Missing
5.60	76.65	Kimberlite
76.65	270.00 (EOH)	Kimberlite Breccia predominantly

Depth (m) From	To	Description
0.00	5.60	Missing, casing.
5.60	76.65	Green grey color, clast supported, poorly sorted, volcanoclastic kimberlite. Olivine altered to serpentine and or fresh at places. Olivine altered to carbonate at places. Macrocrystic olivine show selvage at places. Matrix is serpentine rich. Average size of olivine is ~ 5mm. Abundance percentage of olivine more than 2mm is 45-50 percent; total abundance percentage of olivine is ~70 percent. Magmaclast are irregular to rounded and more commonly seen as thick kernel/selvage around country rock xenoliths. Mantle xenoliths are common and mainly consist of garnet (purple in color) +cpx+olivine. Mantle xenoliths are slightly altered to unaltered and varies in size from 2-12 mm. Garnets are red, purple in color and show kelyphytic rim at places. Ilmenites are present. Magnetite very common. Phlogopite laths are seen commonly. Xenoliths of limestone are more abundant than basement. Limestone xenoliths are angular and are unaltered to slightly altered. Basement xenoliths are sub angular and are highly altered. From 69.55 to 71.00 m depth intense carbonate venation seen with magnetite.
76.65	270.00 (EOH)	Massive, kimberlite breccia unit. Breccia shows variation in grain size or sort of bedding at places. Olivine altered to serpentine and or fresh. Average size of olivine is 3-5mm. Percentage of olivine more than 2mm is ~25 percent. Sorting is poor, clast supported. Limestone country rock xenoliths are more abundant than basement xenoliths. Limestone xenoliths are angular and show selvage at places. Limestones are unaltered to slightly altered. Basement xenoliths are sub angular to angular and show selvage. Basement xenoliths are highly altered. Magmaclast are irregular, ovoid and rounded in shape. Mantle xenoliths are frequent and are slightly altered to unaltered. Mantle xenoliths mainly consist of garnet (purple in color) +cpx+olivine/opx. At ~153.66 m depth a 10 cm large sub angular mantle xenolith seen, relatively fresh in nature. An autolith seen at ~84.30 m depth. Garnets are red and purple in colors and show kelyphytic rim at places. Cpx and ilmenite seen. Garnet>cpx>ilmenite in order of abundance. Magnetite is very common. Sulphide replacement seen along small fractures and joint planes. After 219.0 m depth kimberlite is slightly weathered and show decrease in concentration of country rock xenoliths with depth.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-009C

Easting	Northing	Elev	Azimuth	Dip	Depth
308799.3	5845897.3	85.9	349.0	-89.5	270.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 22, 2007
Hole End Date: March 26, 2007

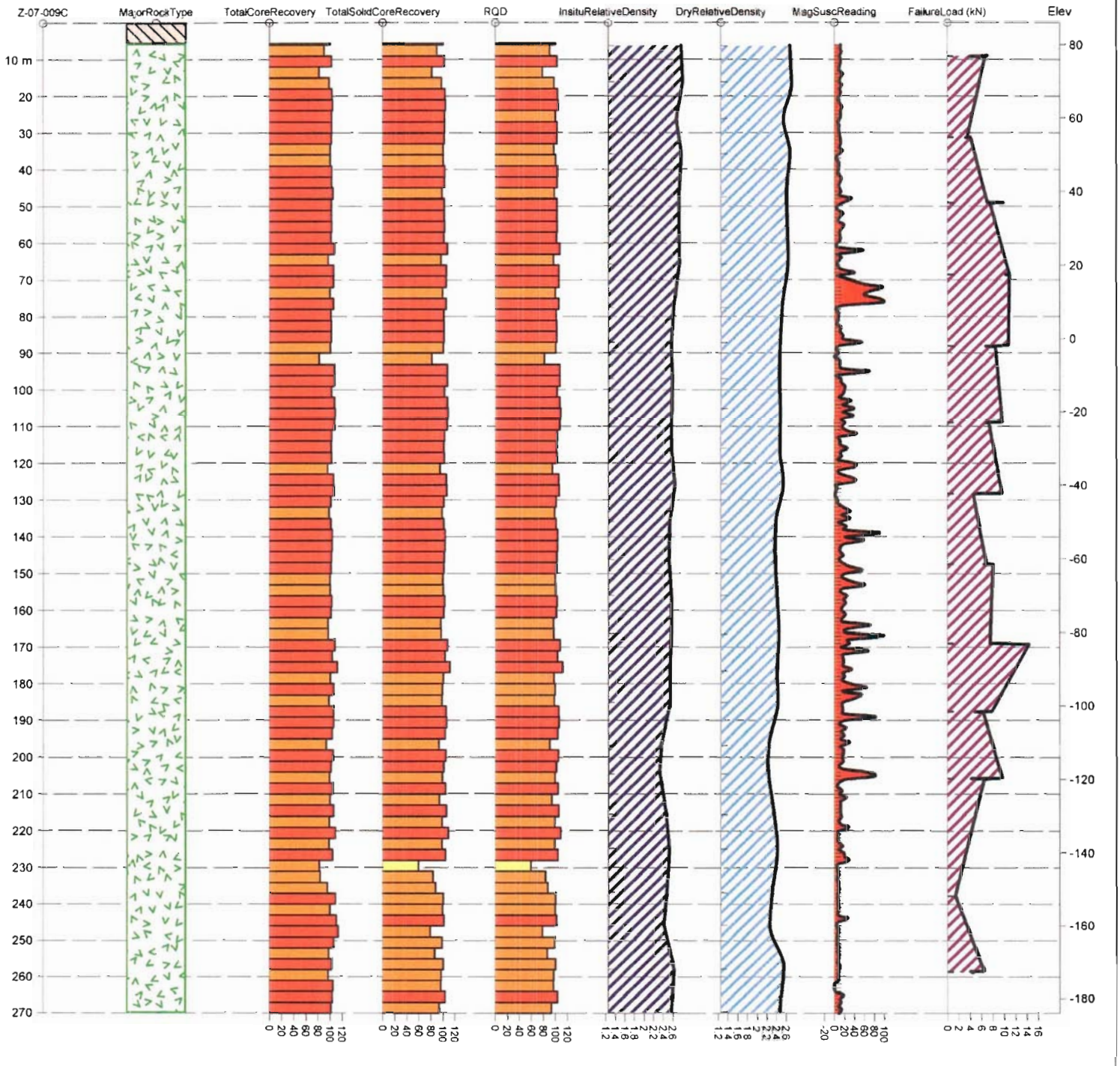
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Z-07-010C**
Easting: 308800.071
NAD: NAD83
Survey (EOH): Dip: 61.7° Azimuth: 21.9°

Drilling Contractor: FORACO Inc.
Northing: 5845897.366
Zone: 17
Collar Elevation: 85.931 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 10 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 6 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 May 2007
First Plug Depth: 18 m
Number of Bags of Cement: 3

Drilling Completed: 16 April 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 6
Second Plug Depth: 269
Number of Bags of Cement: 3

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 6.00 m

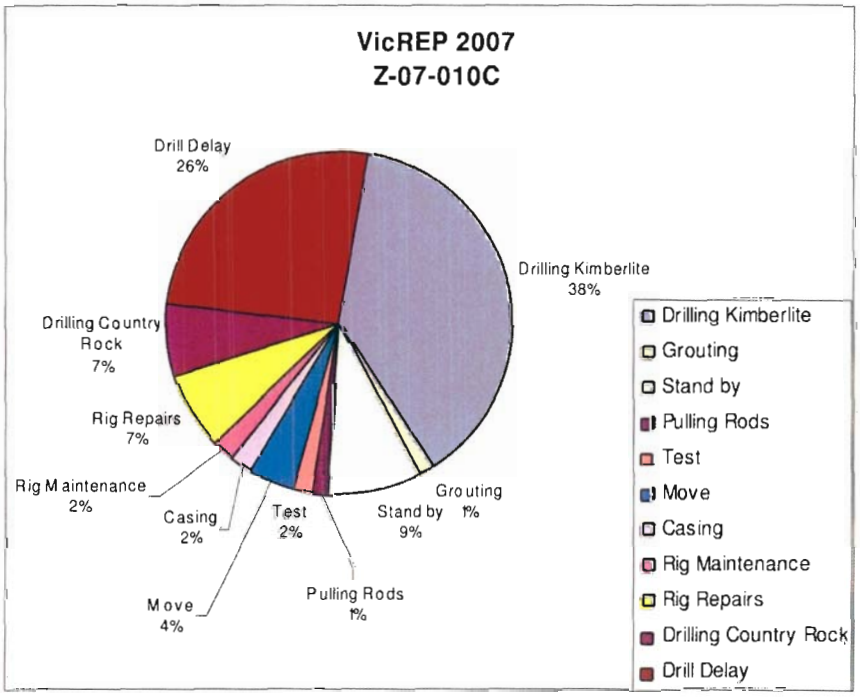
Predicted Base of Kimberlite: >250 m
Actual Base of Kimberlite: 276.40 m

End of Hole (EOH): 305.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 270.40 m
Number of Core Boxes: 103

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



This was one of the longest holes in the program, thefore eelapsed time for drilling kimberlite (38%) or country rock (7%) in total was 62.5 hours. There was a shortage of drill staff creating a 36 hour drill delay (26%). The drill shack had to be rebuilt and the water pump broke which required 10 hours of rig repairs (7%).

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Z-07-010C | **Date Drilled: April 10-16, 2007**

Logged by: Gargi Mishra | **Date Logged: April 16, 2007**

Top of Kimberlite: 6.00 m | **EOH: 305.00 m**
Base of Kimberlite: 276.40 m

Summary Log

From	To	
0.00	6.00	Missing
6.00	245.00	Kimberlite medium-grained
245.00	276.40	Kimberlite coarse-grained
276.40	305.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	6.00	Missing, casing.
6.00	245.00	Massive, grey color, volcaniclastic kimberlite. Clast-supported, poorly sorted kimberlite. Olivine altered to serpentine, orange and or fresh. Average size of olivine is 3-5 mm. Abundance percentage of olivine is approximately 85 percent; percentage of olivine more than 2mm in size is approximately 60 percent. Macrocrystic olivine show selvage at places. Magmaclast are rounded to sub rounded to irregular in shape and most places seen as thick selvage around country rock xenoliths. At certain places magmaclast are more common especially at depth. Magma clast are of 3 colour; grey, green, and brown. Phlogopite lath seen at places. Average size is approximately 10mm and show selvage at places. Garnets are purple in color and show kelyphytic rim at places. Cpx most abundant followed by ilmenite and garnet. Mantle xenolith seen at places mainly consist of Cpx and garnet and varies in size from 0.4 to 1.5 cm. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Basement xenoliths are sub- angular in shape and are completely to partially altered. Autoliths are very common. Lower contact is sharp and irregular.
245.00	276.40	Massive, grey color, volcaniclastic kimberlite. Clast-supported, poorly sorted kimberlite. Olivine altered to serpentine and or fresh. Average size of olivine is 5-8mm. Abundance percentage of olivine is approximately 85 percent; percentage of olivine more than 2mm in size is approximately 50 percent. Macrocrystic olivine show selvage at places. Magmaclast are rounded to sub-rounded to irregular in shape and most places seen as thick selvage around country rock xenoliths. Phlogopite lath seen at places. Garnets are purple in colour. Cpx most abundant followed by garnet and ilmenite. Mantle xenoliths seen at places mainly consist of Cpx and garnet. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Basement xenoliths are sub angular in shape and are completely to partially altered. From approximately 271.90 onwards carbonate veins are common. Lower contact is broken.

276.40	305.00 (EOH)	Massive limestone with sand in-between, various bedding feature seen. Clayey at places.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-010C

Easting	Northing	Elev	Azimuth	Dip	Depth
308800.1	5845897.4	85.9	21.9	-61.7	305.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 10, 2007
Hole End Date: April 16, 2007

Rig Number: LF-2

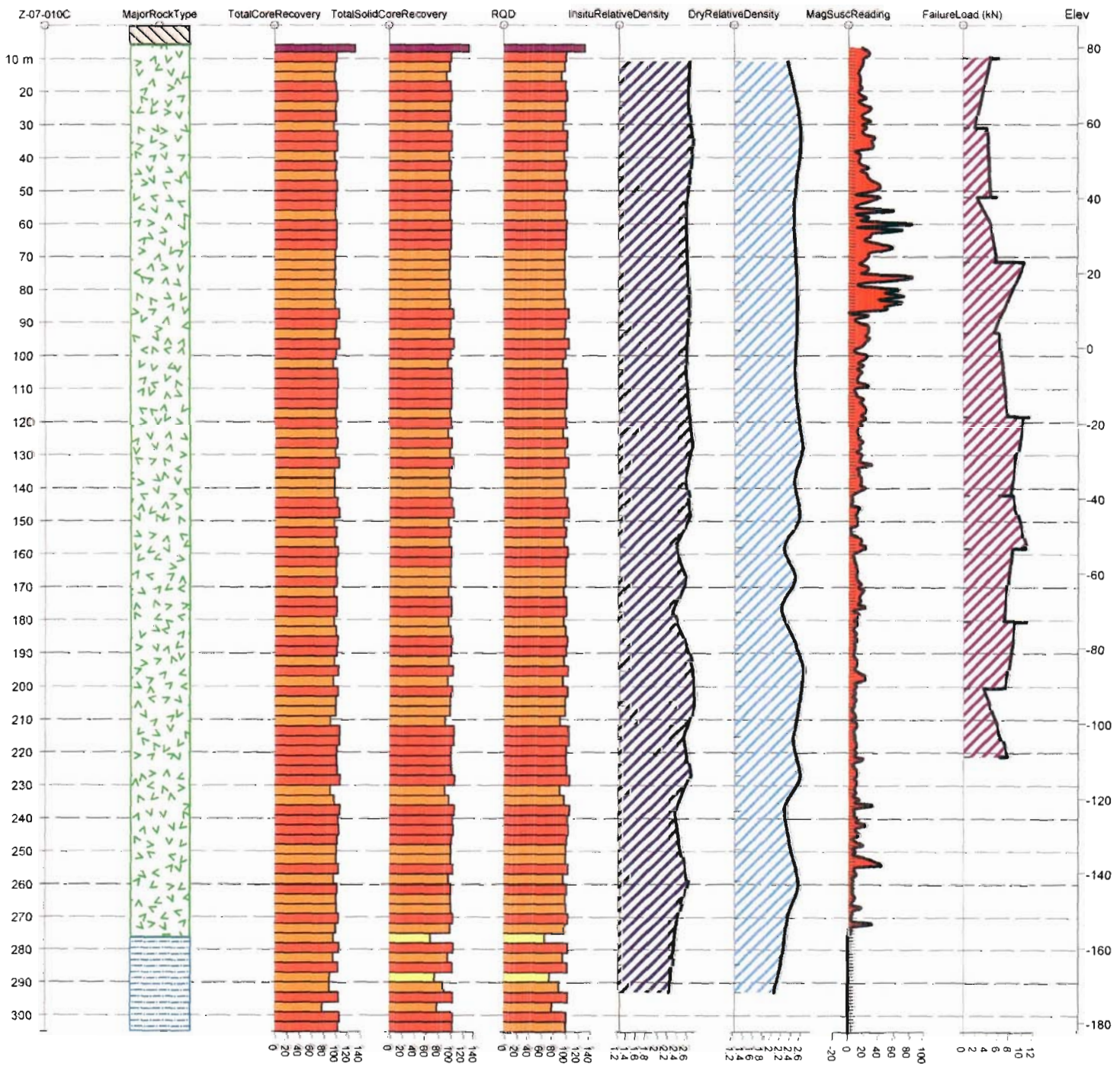
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

	≥ 125
	≤ 125
	≤ 100
	≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: Z-07-011C

Easting: 308801.541

NAD: NAD83

Survey (EOH): Dip: 59.8° Azimuth: 111°

Drill Rig Type: LF-70

Drilling Started: 08 April 2007

Casing Bit: HWT Casing Bit

Casing Set to: 6 m

Casing left in Hole (yes/no): No

Reason: -

Rods Pulled (yes/no): Yes

Date of Abandonment: 16 May 2007

First Plug Depth: 7 m

Number of Bags of Cement: 6

Comments: -

Drilling Contractor: FORACO Inc.

Northing: 5845895.797

Zone: 17

Collar Elevation: 85.964 m

Drill Rig Number: LF-2

Drilling Completed: 10 April 2007

Casing Diameter (ID): 101.6 mm

Bit Diameter (Hole Diameter HQ): 96 mm

Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes

Total Number of Bags of Cement: 12

Second Plug Depth: 92 m

Number of Bags of Cement: 6

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 6.00 m

End of Hole (EOH): 120.00 m

EOH Lithology: Limestone

Predicted Base of Kimberlite: probably <200m

Actual Base of Kimberlite: 90.00 m

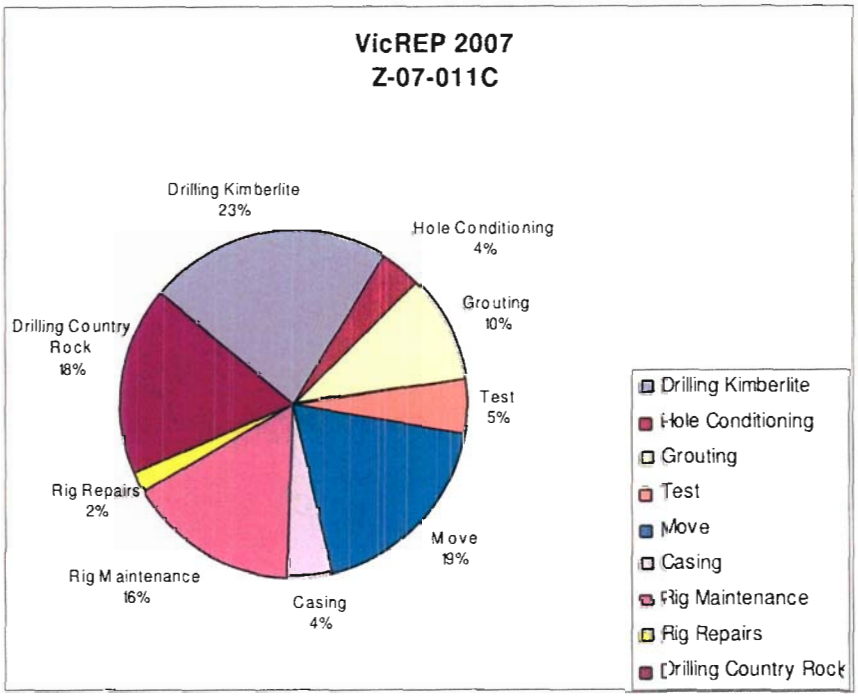
Meters of Kimberlite Drilled: 84.00 m

Number of Core Boxes: 40

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (23%) or country rock (18%). The rig underwent routine maintenance (16%) and some repairs (2%).

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: Z-07-011C	**Date Drilled: April 8-10, 2007**
Logged by: Gargi Mishra	**Date Logged: April 11, 2007**
Top of Kimberlite: 6.00 m **Base of Kimberlite: 90.00 m**	**EOH: 120.00 m**

Summary Log

From	To	
0.00	6.00	Missing
6.00	90.00	Kimberlite
90.00	120.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	6.00	Missing, casing.
6.00	90.00	Massive, competent, grey color volcaniclastic kimberlite. Clast-supported. Olivine altered to serpentine and or fresh. Macrocrystic olivine show selvage. Average size of olivine is 2-5mm. Coarse to very coarse olivine are very common. Abundance percentage of olivine is approximately 75-80 percent. Abundance percentage of olivine more than 2mm is approximately 55 percent. Intergrowth of cpx and ilmenite with olivine is very common. Cpx are most abundant mantle xenocrysts followed by ilmenite. Garnets are least present and are purple in color. Cpx commonly associated with olivine and coarse cpx are seen. Mantle xenoliths are rare and altered. Magmaclast are rounded in nature and most commonly seen as thick selvage around country rock xenoliths. Abundance percentage of country rock xenoliths is approximately 3 percent. Country rock xenoliths of limestone are most abundant followed by basement. Limestones are angular to sub-angular in nature and show selvage at places. Limestones are unaltered to slightly altered. Basement xenoliths are sub-rounded and show selvage. Magnetite common and seen mostly as replacing olivine. Basement xenoliths are highly altered. Lower contact is broken.
90.00	120.00 (EOH)	Massive limestone, clayey and broken at places.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-011C

Easting	Northing	Elev	Azimuth	Dip	Depth
308801.5	5845895.8	86.0	111.0	-59.8	120.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 8, 2007
Hole End Date: April 10, 2007

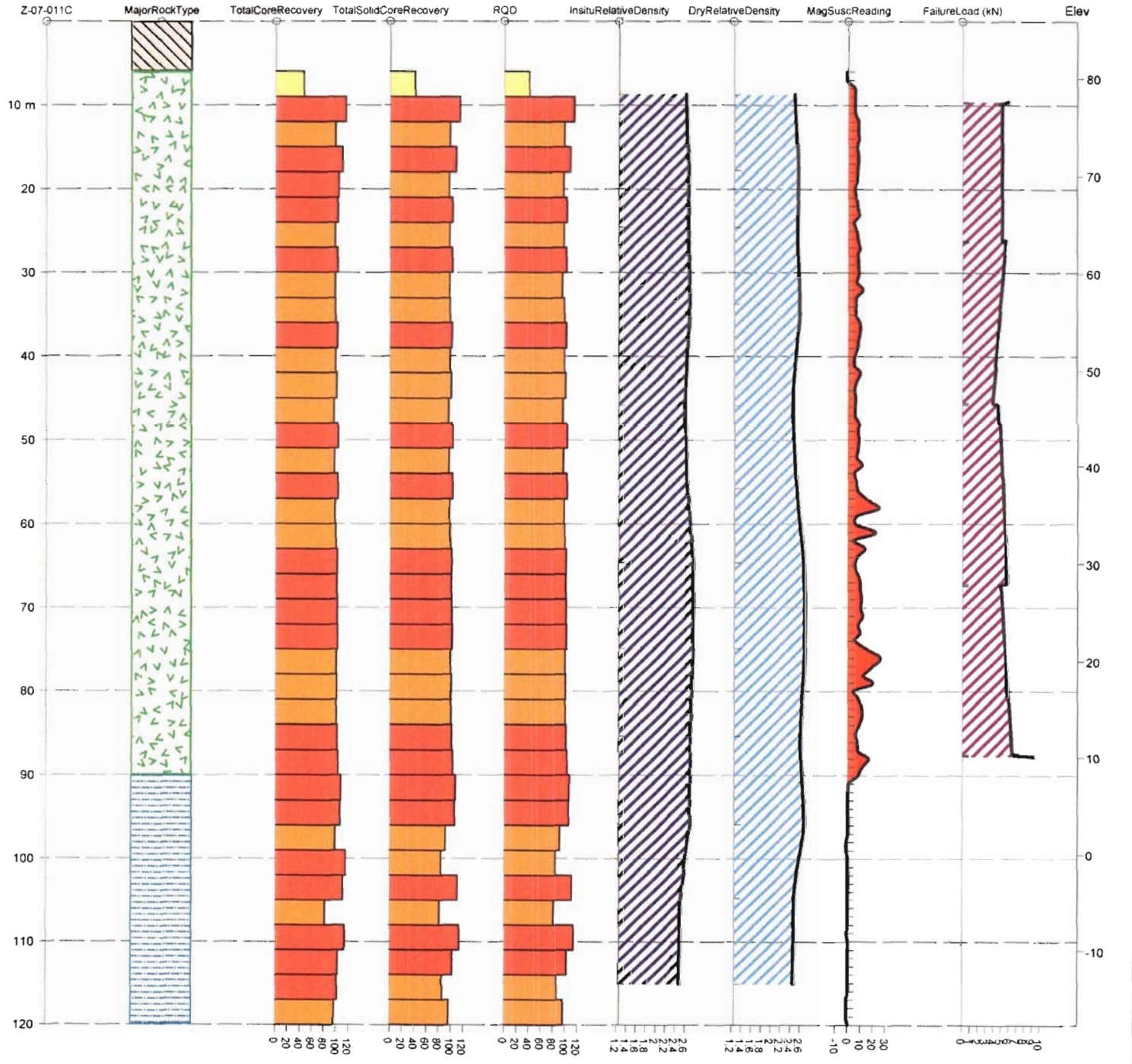
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
LMST Limestone
VK Volcaniclastic kimberlite

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Z-07-012C**
Drilling Contractor: FORACO Inc.

Easting: 308800.318
Northing: 5845895.274

NAD: NAD83
Zone: 17

Survey (EOH): Dip: 61.7° Azimuth: 201.3°
Collar Elevation: 86.015 m

Drill Rig Type: LF-70
Drill Rig Number: LF-2

Drilling Started: 26 March 2007
Drilling Completed: 1 April 2007

Casing Bit: HWT Casing Bit
Casing Diameter (ID): 101.6 mm

Casing Set to: 9 m
Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): Yes, 9 m
Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: -

Rods Pulled (yes/no): Yes
Cemented (yes/no): Yes

Date of Abandonment: 16 May 2007
Total Number of Bags of Cement: 6

First Plug Depth: 10 m
Second Plug Depth: 96 m

Number of Bags of Cement: 3
Number of Bags of Cement: 3

Comments: Casing left in hole.

Predicted Top of Kimberlite: NA
Predicted Base of Kimberlite: probably <200 m

Actual Top of Kimberlite: 9.00 m
Actual Base of Kimberlite: 99.75 m

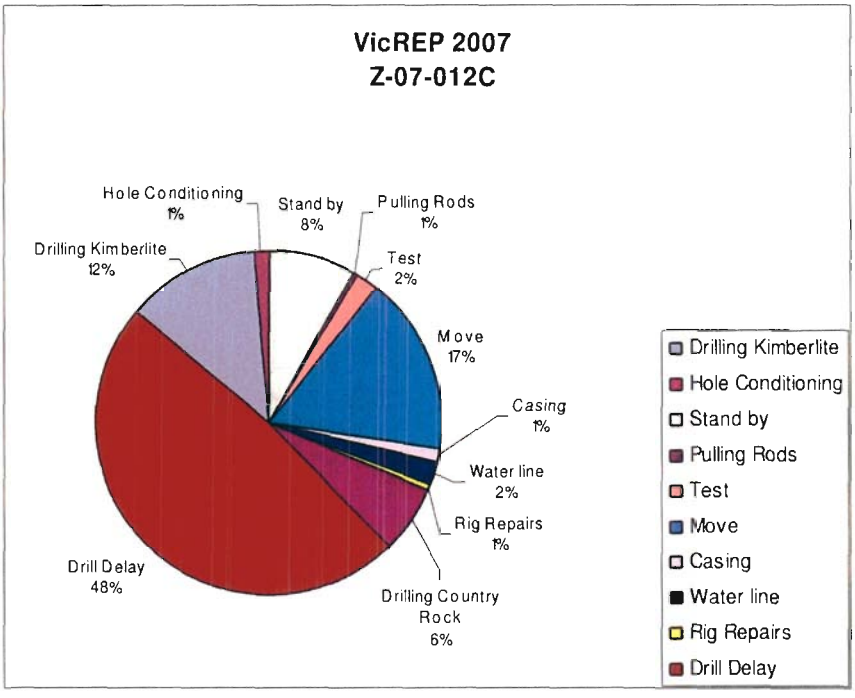
End of Hole (EOH): 146.00 m
Meters of Kimberlite Drilled: 90.75 m

EOH Lithology: Limestone
Number of Core Boxes: 52

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



There was a serious shortage of drill staff for 72 hours which resulted in drill delay (48%). Also, a 12 hour standby (8%) occurred because the helicopter was grounded for weather.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Z-07-012C | **Date Drilled: March 26-April 1, 2007**

Logged by: Gargi Mishra | **Date Logged: April 1, 2007**

Top of Kimberlite: 9.00 m | **EOH: 146.00 m**
Base of Kimberlite: 99.75 m

Summary Log

From	To	
0.00	9.00	Missing
9.00	49.30	Kimberlite
49.30	99.75	Kimberlite Breccia predominantly
99.75	146.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	9.00	Missing, casing
9.00	49.30	Massive, fine to medium-grained moderately sorted, clast-supported volcaniclastic kimberlite. Grey color. Olivine altered to serpentine and or fresh. Macrocrystic olivine show selvage at places. Average size of olivine is 3-5mm. Abundance percentage of olivine more than 2mm in size is approximately 30 percent; total percent of olivine is approximately 80 percent. Magmaclast are sub-rounded to irregular and seen more commonly as thick selvage around country rock xenolith and macrocrystic olivine. Garnet are red, purple in color. Garnets are most abundant followed by ilmenite and cpx. Limestone xenoliths are most abundant than basement. Limestone xenoliths are angular to sub-angular and unaltered to slightly altered. Basement xenoliths are partially to completely altered and are sub-angular. Magnetite is common. Matrix is serpentine rich. Lower contact is broken.
49.30	99.75	Massive kimberlite breccia unit showing variation in grain size within at places. Grey in color. Clast-supported, poorly sorted. Olivine altered to serpentine and or fresh. Macrocrystic olivine show selvage at places. Average size of olivine is 3-5mm. Abundance percentage of olivine more than 2mm is approximately 45 percent; total percent of olivine is approximately 80 percent. Abundance percentage of country rock xenolith is approximately 15 percent. Magmaclast are sub-rounded to irregular in nature. Garnet are red, purple in color and show kelyphytic rim at places. Garnets are most abundant followed by ilmenite and cpx. Limestone xenoliths are most abundant than basement. Limestone xenoliths are angular to sub-angular and unaltered to slightly altered. Basement xenoliths are partially to completely altered and are sub- angular. Magnetite is common. Matrix is serpentine rich. Lower contact is dipping and irregular but distinct.
99.75	146.00 (EOH)	Massive limestone, clayey and broken at places.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-012C

Easting	Northing	Elev	Azimuth	Dip	Depth
308800.3	5845895.3	86.0	201.3	-61.7	146.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 26, 2007
Hole End Date: April 1, 2007

Rig Number: LF-2

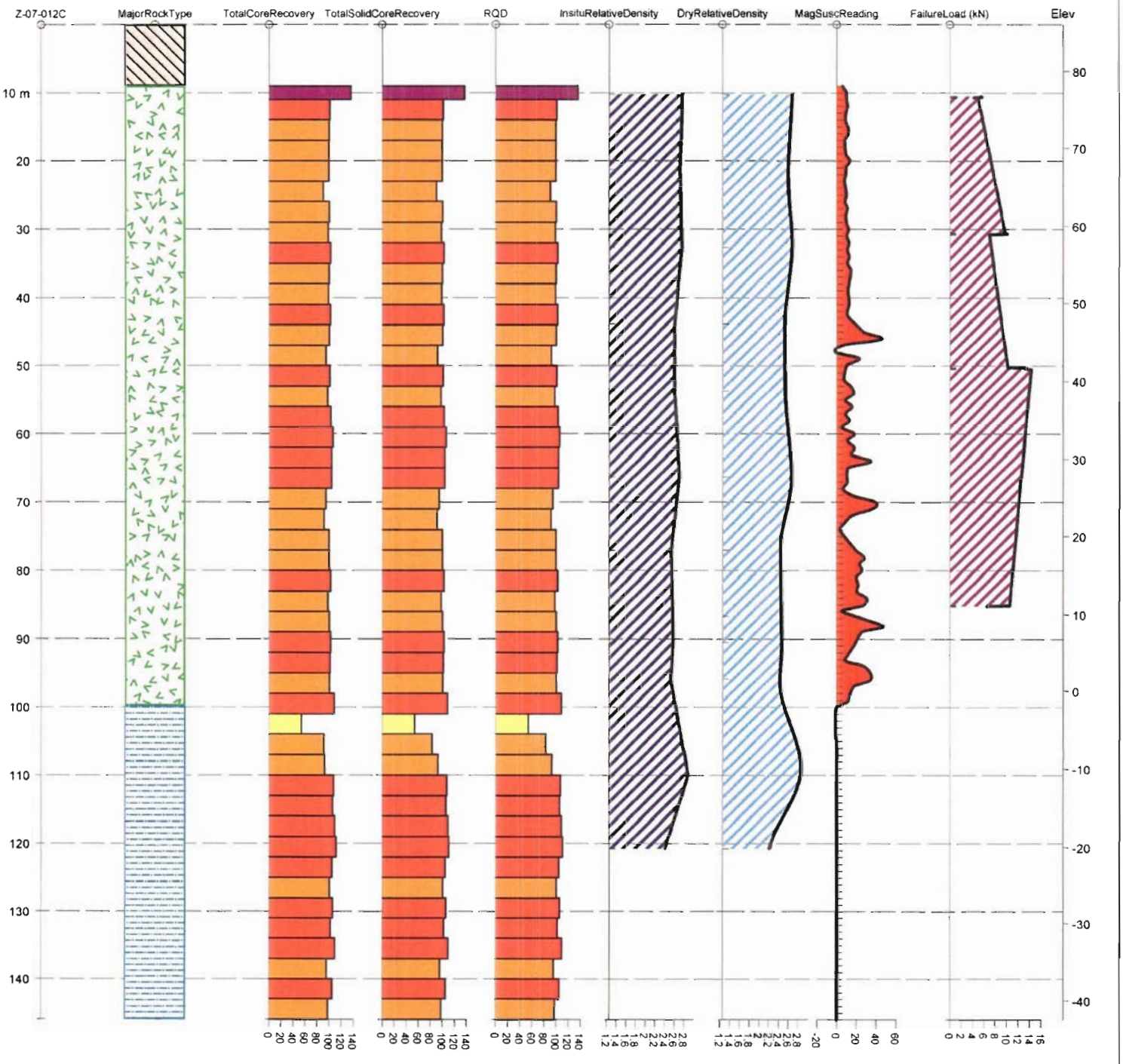
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: Z-07-013C

Easting: 308798.555

NAD: NAD83

Survey (EOH): Dip: 60.2° Azimuth: 292.2°

Drilling Contractor: FORACO Inc.

Northing: 5845896.391

Zone: 17

Collar Elevation: 86.041m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 01 April 2007

Drilling Completed: 08 April 2007

Casing Bit: HWT Casing Bit

Casing Diameter (ID): 101.6 mm

Casing Set to: 6 m

Bit Diameter (Hole Diameter HQ): 96 mm

Casing left in Hole (yes/no): Yes, 6 m

Bit Diameter (Core Diameter HQ): 63.5 mm

Reason: not able to pull

Rods Pulled (yes/no): Yes

Cemented (yes/no): Yes

Date of Abandonment: 16 May 2007

Total Number of Bags of Cement: 9

First Plug Depth: 4 m

Second Plug Depth: 135 m

Number of Bags of Cement: 3

Number of Bags of Cement: 6

Comments: Casing left in hole.

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 6.00 m

Predicted Base of Kimberlite: probably <200 m

Actual Base of Kimberlite: 133.38 m

End of Hole (EOH): 159.00 m

EOH Lithology: Limestone

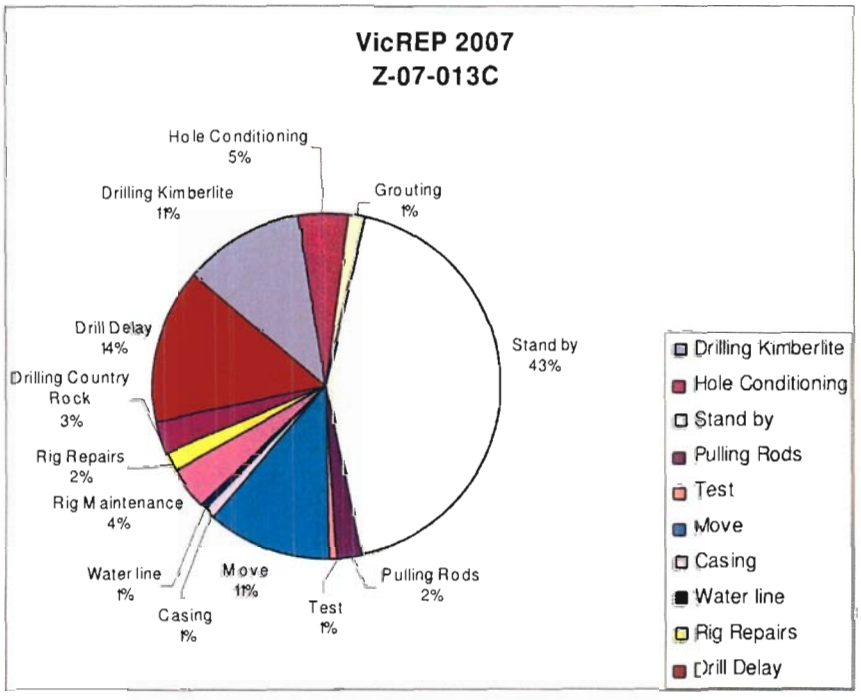
Meters of Kimberlite Drilled: 127.38 m

Number of Core Boxes: 57

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



A snowstorm caused a 72 hour stand by during which the helicopter was grounded. A 24 hour drill delay (8%) occurred due to a shortage of drill staff.

Project: VicREP 2007

Core Size: HQ

Drill Hole: Z-07-013C

Date Drilled: April 1-8, 2007

Logged by: D. Milstead
M. Hildebrandt

Date Logged: April 8-9, 2007

Top of Kimberlite: 6.00 m
Base of Kimberlite: 133.38 m

EOH: 159.00 m

Summary Log

From	To	
0.00	6.00	Missing – Casing
6.00	66.31	Fine-grained Volcaniclastic Kimberlite
66.31	133.38	Fine to medium-grained Volcaniclastic Kimberlite Breccia
133.38	159.00 (EOH)	Country Rock – Brecciated limestone

Depth (m) From	To	Description
0.00	6.00	Missing – Casing
6.00	66.31	Massive, fine-grained volcaniclastic kimberlite. Matrix-to-clast supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Olivine is partially altered to serpentine, orange and or fresh. Angular to sub-rounded, with an average grain size of 0.5-2 mm. Total olivine percentage is 15-20% and the abundance percentage of more than 2 mm is between 5-7%. Maximum olivine grain size of 46 mm, unrepresentative of overall sub-unit, minimum size of 0.2 mm. A 3-4% total xenolith abundance, with an average size of 1.9 cm. Completely to partly altered limestone xenoliths making up 10% of the relative CRX abundance (dark green to teal blue transitional alteration), where unaltered limestone xenoliths represent 89% (lacking halos, but angular and fractured). Sub-angular basement xenoliths compose approximately 1% of the CRX abundance. Maximum GAR size of 6 mm, ILM at 12 mm, and CPX at 9 mm. Modal abundance of GAR approx. = ILM > CPX. CPX apple green, fresh, with planar striations, averaging 4 mm – found in concentrated zones only. Red to mauve GAR with average diameter of 2.5 mm, representative sample at 11.20 m. Presence of magnetite dissemination and phlogopite crystals common in large lathes. Juvenile pyroclasts, matrix-supported with rounded, fresh OLV. Mantle xenoliths at 16.21 m, CPX rich possible peridotite with diameter of 4.1 cm. Also at 51.52 m, OLV/CPX rich. Near 38.53 m, possible autolith with occurrences throughout. Broken contact. Presence of alteration and veining, especially at 26.04 m, mineral preservation is partly preserved, textural preservation is well preserved. Best representative hue is Medium Bluish Gray – Hue 5B 5/1.
66.31	133.38	This massive brecciated unit contains predominantly unaltered limestone

		xenoliths. The minerals and textures are well preserved. Near the broken contact, the kimberlite is heavily altered and has an abundance of mechanical breaks. The unit is clast to matrix-supported, fragmental, and poorly sorted. The grains are randomly oriented and the colour is medium bluish grey (Hue 5B). The average particle size is medium lapilli and the size of the five largest particles is 56, 80, 83, 84, 103 cm. The average largest particle is 81.2 cm. The dominant olivine grain size is fine to medium grained. Olivine represents 20 to 25 percent of the rock volume with a maximum size of 15 mm. The total xenolith abundance is 15 percent. The average xenolith size is 3 cm. Limestone xenoliths comprise 99 percent of the total xenoliths relative to basement xenoliths. Limestone xenoliths are generally angular, and some have a shattered texture. Basement xenoliths are unaltered. CPX is more abundant compared to Ilmenite. Garnet is the least abundant. CPX is fresh and green. The shape of the CPX varies from angular to sub-rounded. Garnet is fresh, angular to sub-rounded, and varies in shades from orange to red. Juvenile pyroclasts are small minute, rounded and present. At 87 m, there are autoliths possibly present. Carbonate veins and some magnetite veins occur throughout the unit.
133.38	159.00 (EOH)	This is a massive brecciated limestone with some fossils present. There is poor core recovery due to overall weak rock mass.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-013C

Easting	Northing	Elev	Azimuth	Dip	Depth
308798.6	5845896.4	86.0	292.2	-60.2	159.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 1, 2007
Hole End Date: April 8, 2007

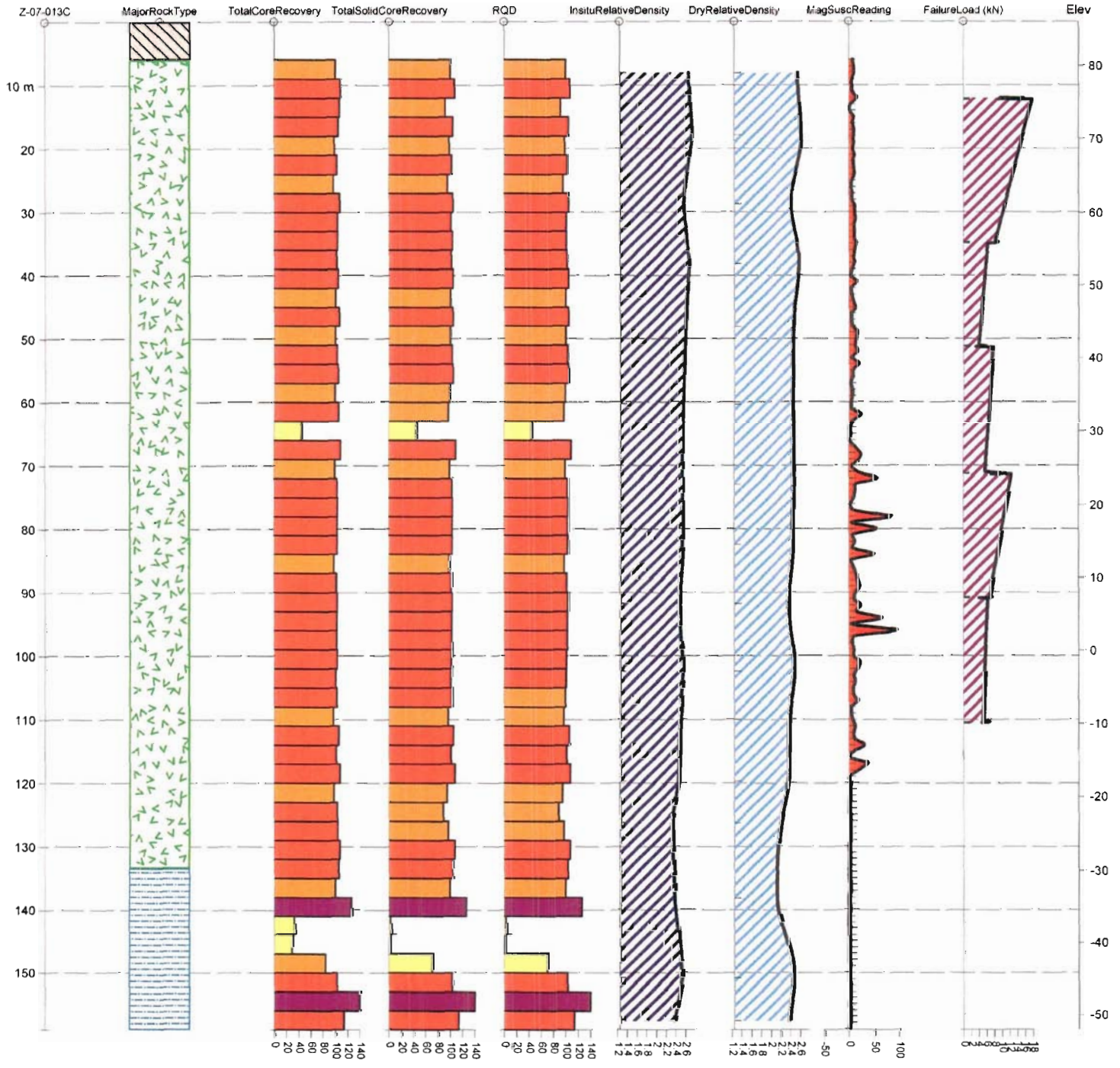
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
LMST Limestone
VK Volcaniclastic kimberlite

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: Z-07-014H
Easting: 308851.629
NAD: NAD83
Survey (EOH): Dip: 90.00° Azimuth: 0.00°

Drilling Contractor: FORACO Inc.
Northing: 5845855.657
Zone: 17
Collar Elevation: 85.938 m

Drill Rig Type: LF-70

Drill Rig Number: LF-2

Drilling Started: 18 March 2007
Casing Bit: HWT Casing Bit
Casing Set to: 15 m
Casing left in Hole (yes/no): Yes, 15 m
Reason: hole used to supply water
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 May 2007
First Plug Depth: -
Number of Bags of Cement: -

Drilling Completed: 22 March 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): No
Total Number of Bags of Cement: -
Second Plug Depth: -
Number of Bags of Cement: -

Comments: Hole not cemented; cap was put on casing; casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: NA

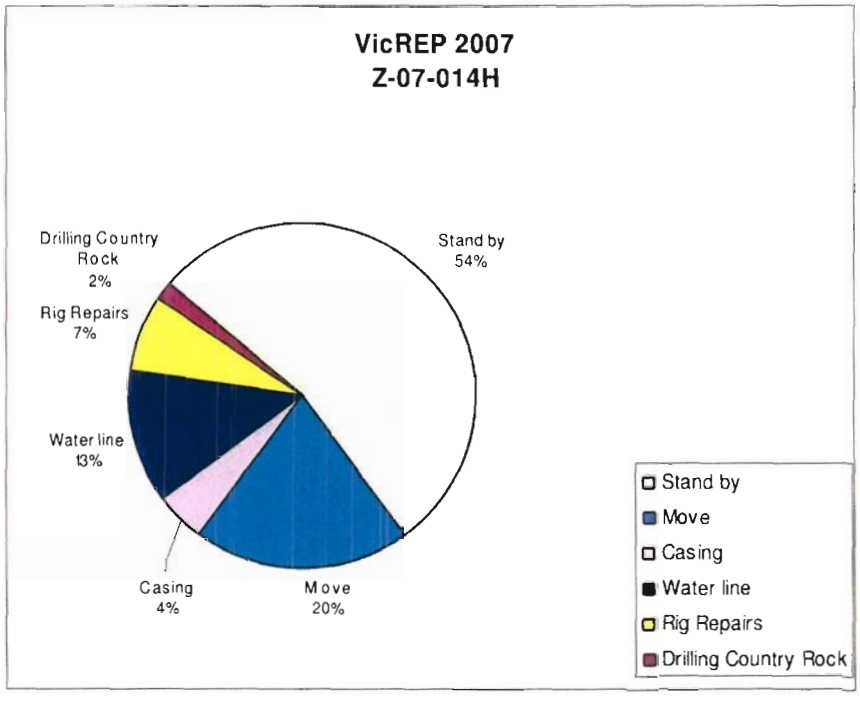
Predicted Base of Kimberlite: NA
Actual Base of Kimberlite: 0.00 m

End of Hole (EOH): 18.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: NA
Number of Core Boxes: 1

Reason Hole Called: Hole was placed off kimberlite in order to intersect water at shallow depth.
Comments: -

TIME MOTION CHART



A snowstorm caused a 24 hour stand by during which the helicopter was grounded. The remaining 36 hours of standby occurred while waiting for the helicopter to finish the move from Whiskey to Zulu. The tower needed repairs (7%) during the move. This also was the waterhole for Zulu, therefore sometime elapsed time for setting up the waterline (13%). A water tank was slung from site to the drill site in order to do supply enough water to drill the short hole.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: Z-07-014H	**Date Drilled: March 18-22, 2007**
Logged by: Gargi Mishra	**Date Logged: March 29, 2007**
Top of Kimberlite: NA **Base of Kimberlite: NA**	**EOH: 18.00 *m***

Summary Log

From	To	
0.00	14.77	Missing
14.77	18.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	14.77	Missing, casing.
14.77	18.00 (EOH)	Limestone, massive. Hole drilled for water.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-014H

Easting	Northing	Elev	Azimuth	Dip	Depth
308851.6	5845855.7	85.9	0.0	-90.0	18.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: March 18, 2007
Hole End Date: March 22, 2007

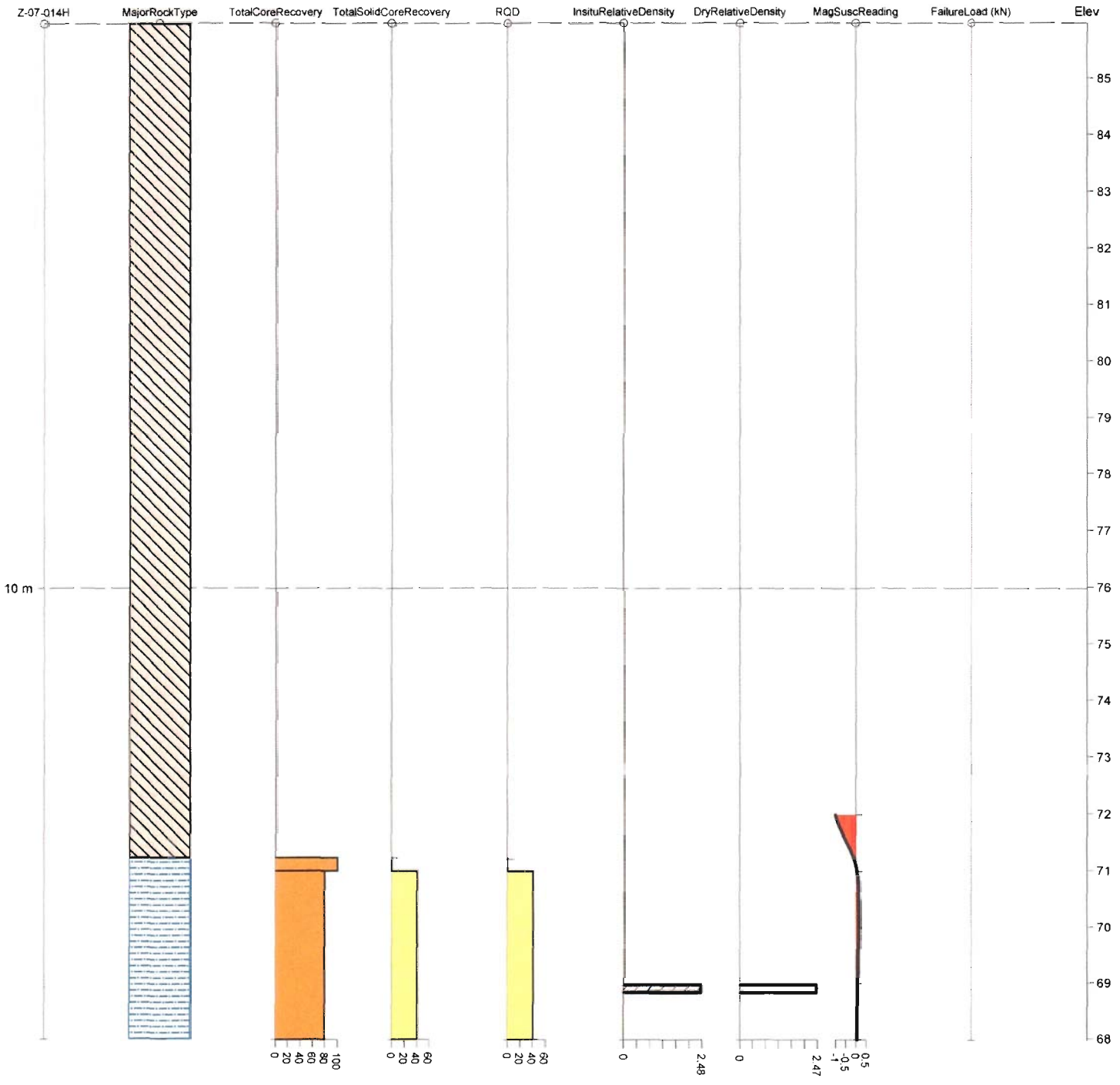
Rig Number: LF-2

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
LMST Limestone

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: Z-07-015C

Easting: 308774.942

NAD: NAD83

Survey (EOH): Dip: 88.7° Azimuth: 157°

Drill Rig Type: LF-70

Drilling Started: 22 April 2007

Casing Bit: HWT Casing Bit

Casing Set to: 6 m

Casing left in Hole (yes/no): No

Reason: -

Rods Pulled (yes/no): Yes

Date of Abandonment: 16 May 2007-

First Plug Depth: 6 m

Number of Bags of Cement: 4

Comments: -

Drilling Contractor: FORACO Inc.

Northing: 5845866.711

Zone: 17

Collar Elevation: 86.022 m

Drill Rig Number: LF-1

Drilling Completed: 25 April 2007

Casing Diameter (ID): 101.6 mm

Bit Diameter (Hole Diameter HQ): 96 mm

Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes

Total Number of Bags of Cement: 8

Second Plug Depth: 165 m

Number of Bags of Cement: 4

Predicted Top of Kimberlite: NA

Actual Top of Kimberlite: 6.00 m

End of Hole (EOH): 180.00 m

EOH Lithology: Limestone

Predicted Base of Kimberlite: up to 250 m

Actual Base of Kimberlite: 159.60 m

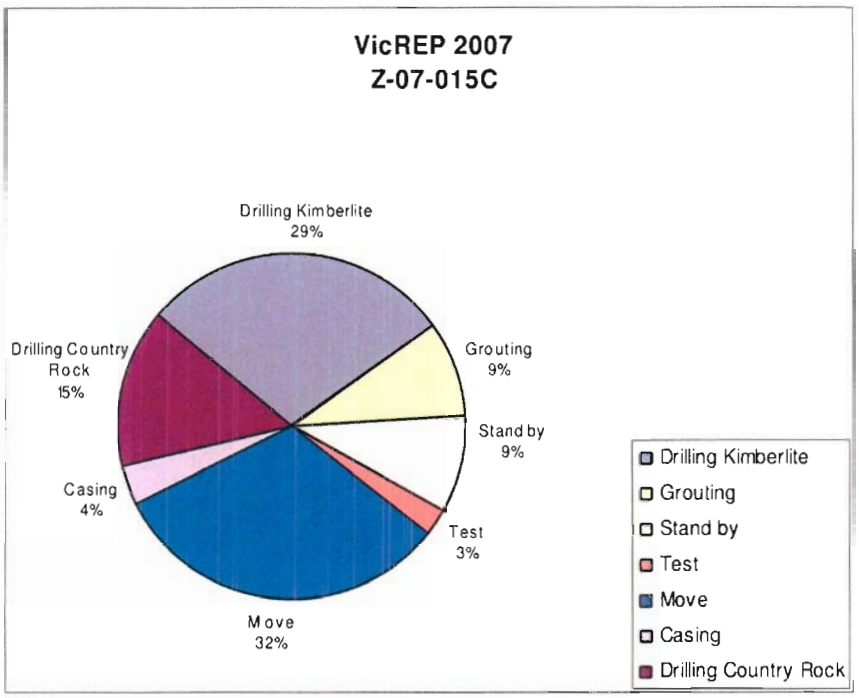
Meters of Kimberlite Drilled: 153.60 m

Number of Core Boxes: 58

Reason Hole Called: Hole was completed in limestone.

Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (29%) or country rock (15%) and moving (32%). Drilling conditions were good; thus the other activities only appear to take longer. There was a 5 hour stand by time (9%) waiting for daylight so that the helicopter could finish the move.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Z-07-015C | **Date Drilled: April 22-25, 2007**

Logged by: Gargi Mishra | **Date Logged: April 25, 2007**

Top of Kimberlite: 6.00 m | **EOH: 180 .00 m**
Base of Kimberlite: 159.60 m

Summary Log

From	To	
0.00	6.00	Missing
6.00	23.30	Kimberlite fine to medium-grained
23.30	159.60	Kimberlite breccia
159.60	180.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	6.00	Missing, casing.
6.00	23.30	Massive, grey green color, volcaniclastic kimberlite. Clast-supported, poorly sorted kimberlite. Olivine altered to serpentine and or fresh. Average size of olivine is 2-4 mm. Abundance percentage of olivine is ~80 percent; percentage of olivine more than 2mm in size is ~ 55 percent. Macrocrystic olivine show selvage at places. Magmaclast seen as a thick selvage around country rock xenoliths. Magmaclasts are of two color green and grey. Phlogopite laths are common. Garnets are purple in color and show kelyphytic rim at places. Cpx are most abundant followed by garnet and ilmenite. Mantle xenoliths seen at places mainly consist of Cpx and garnet and vary in size from 0.4 to 1.5 cm; slightly altered. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Basement xenoliths are sub-angular in shape and are completely to partially altered. Lower contact is gradational.
23.30	159.60	Massive, clast-supported volcaniclastic kimberlite breccia. Grey colour, poorly to moderately sorted. Olivine altered to serpentine and or fresh. Macrocrystic olivines are more common with depth and show selvage at places. Olivine are angular to shard shape at places and fine to very fine olivine set in magmaclast tuff/lapilli tuff matrix is common. Magnetite replacing olivine very commonly. Average size of olivine is 2-5mm. Abundance percentage of olivine is 70 percent. Abundance of olivine more than 2mm is size is ~20-25 percent. All kimberlitic constituents other than country rock xenoliths are fine to very fine. Ilmenite seen more abundant than garnet and cpx. Garnets are purple in color and show kelyphytic rim at places. Orange color garnet seen at one place. Intergrowth of cpx and garnet within olivine is common. Mantle xenoliths seen at places mainly consist of Cpx and garnet, slightly altered in nature. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Limestone xenoliths show cooling cracks at places. Basement xenoliths are sub-angular in shape and are completely to partially altered. At depth angular basement xenoliths seen. From ~150 m depth onwards

		kimberlite is highly serpentinsied and coarse grained. From ~146.30 to 159.60 m depth show intense carbonate veins. From 147.00 to 150.00 m depth is limestone mixed with highly carbonatised kimberlite. Lower contact is broken but distinct.
159.60	180.00 (EOH)	Massive limestone with clay in-between, various bedding features seen. Fluidization seen at places.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-015C

Easting	Northing	Elev	Azimuth	Dip	Depth
308774.9	5845866.7	86.0	157.0	-88.7	180.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 22, 2007
Hole End Date: April 25, 2007

Rig Number: LF-1

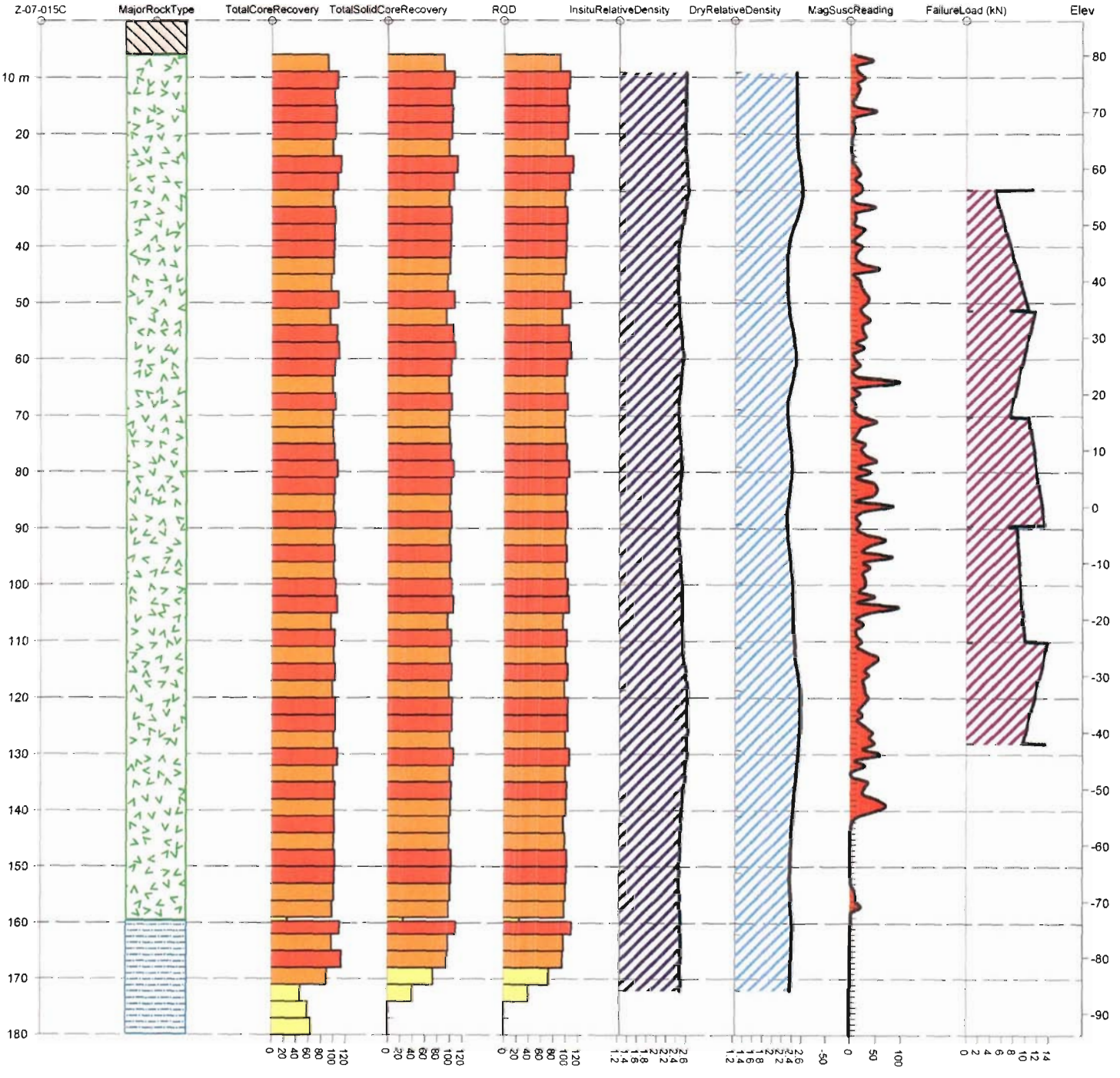
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Z-07-016C**
Easting: 308823.620
NAD: NAD83
Survey (EOH): Dip: 89.2° Azimuth: 254.6°

Drilling Contractor: FORACO Inc.
Northing: 5845871.471
Zone: 17
Collar Elevation: 86.054 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 25 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 9 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 May 2007
First Plug Depth: 12 m
Number of Bags of Cement: 8

Drilling Completed: 27 April 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 8
Second Plug Depth: 165 m
Number of Bags of Cement: 4

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 8.27 m

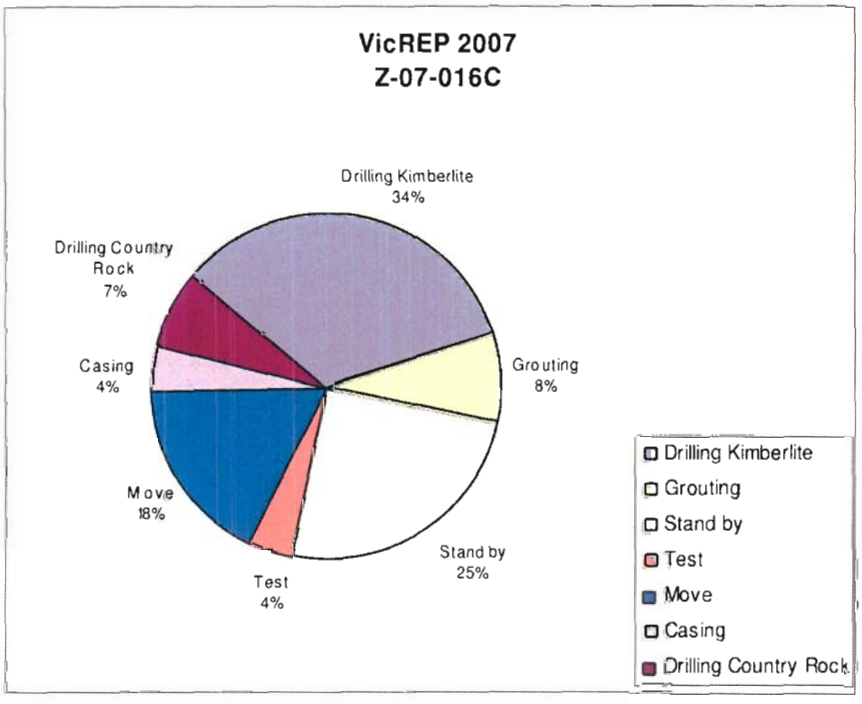
Predicted Base of Kimberlite: up to 250 m
Actual Base of Kimberlite: 164.17 m

End of Hole (EOH): 186.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 155.90 m
Number of Core Boxes: 59

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (34%) or country rock (7%) and moving (18%). Drilling conditions were good; thus the other activities only appear to take longer. There was a 12 hour stand by (25%) waiting for daylight so that the helicopter could finish the move.

Project: VicREP 2007	**Core Size: HQ**
Drill Hole: Z-07-016C	**Date Drilled: April 25-27, 2007**
Logged by: Gargi Mishra	**Date Logged: April 27, 2007**
Top of Kimberlite: 8.27 m **Base of Kimberlite: 164.17 m**	**EOH: 186 .00 m**

Summary Log

From	To	
0.00	7.77	Missing
7.77	8.27	Overburden
8.27	69.00	Kimberlite medium to coarse-grained
69.00	101.00	Kimberlite breccia
101.00	164.17	Kimberlite coarse-grained
164.17	186.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	7.77	Missing, casing.
7.77	8.27	Overburden with limestone pieces.
8.27	69.00	Massive, grey green color, volcaniclastic kimberlite. Clast-supported to matrix, poorly sorted kimberlite. Olivine altered to serpentine and or fresh. Average size of olivine is 5 mm. Abundance percentage of olivine is ~70 percent; percentage of olivine more than 2mm in size is ~ 50 percent. Macrocrystic olivine show selvage at places. Magmaclast seen as a thick selvage around country rock xenoliths. Magmaclast are sub-rounded to irregular in shape. Phlogopite laths are common. Garnets are purple in color and show kelyphytic rim at places. Garnets are most abundant followed by cpx and ilmenite. Mantle xenoliths seen at places mainly consist of Cpx and garnet and vary in size from 0.4 to 1.5 cm; slightly altered. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Basement xenoliths are sub-angular in shape and are completely to partially altered. Lower contact is gradational.
69.00	101.00	Massive, clast-supported volcaniclastic kimberlite breccia. Grey-green colour, poorly sorted. Olivine altered to serpentine and or fresh. Macrocrystic olivines are more common with depth and show selvage at places. Average size of olivine is 3-5mm. Abundance percentage of olivine is 60 percent. Abundance of olivine more than 2mm is size is ~50 percent. Garnets are purple in color and show kelyphytic rim at places. Garnets are most abundant followed by cpx and ilmenite. Intergrowth of cpx and garnet within olivine is common. Mantle xenoliths seen at places mainly consist of Cpx and garnet, slightly altered in nature. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Limestone xenoliths show cooling cracks at places. Basement xenoliths are sub-angular in shape and are completely to partially altered. Carbonate veins filled with sulfide at places. Lower contact is gradational.

101.00	164.17	Massive, volcaniclastic, grey color kimberlite. Olivine altered to serpentine and or fresh. Average size of olivine is ~5-7mm. Abundance percentage of olivine is ~75 percent. Abundance of olivine more than 2mm in size is ~50 percent. Macrocrystic olivine show thick selvage. Magmaclast are irregular to sub-rounded in shape. Phlogopite common. Mantle xenoliths seen mainly consist of garnet and cpx. Cpx is most abundant followed by garnet and ilmenite. Garnets are purple in color. Olivine show intergrowth of cpx, garnet and ilmenite at places. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Basement xenoliths are sub-angular in shape and are completely to partially altered. Intense carbonate veins seen near lower contact. Lower contact is distinct but broken.
164.17	186.00 (EOH)	Massive limestone, clayey at places.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-016C

Easting	Northing	Elev	Azimuth	Dip	Depth
308823.6	5845871.5	86.0	254.6	-89.2	186.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 25, 2007
Hole End Date: April 27, 2007

Rig Number: LF-1

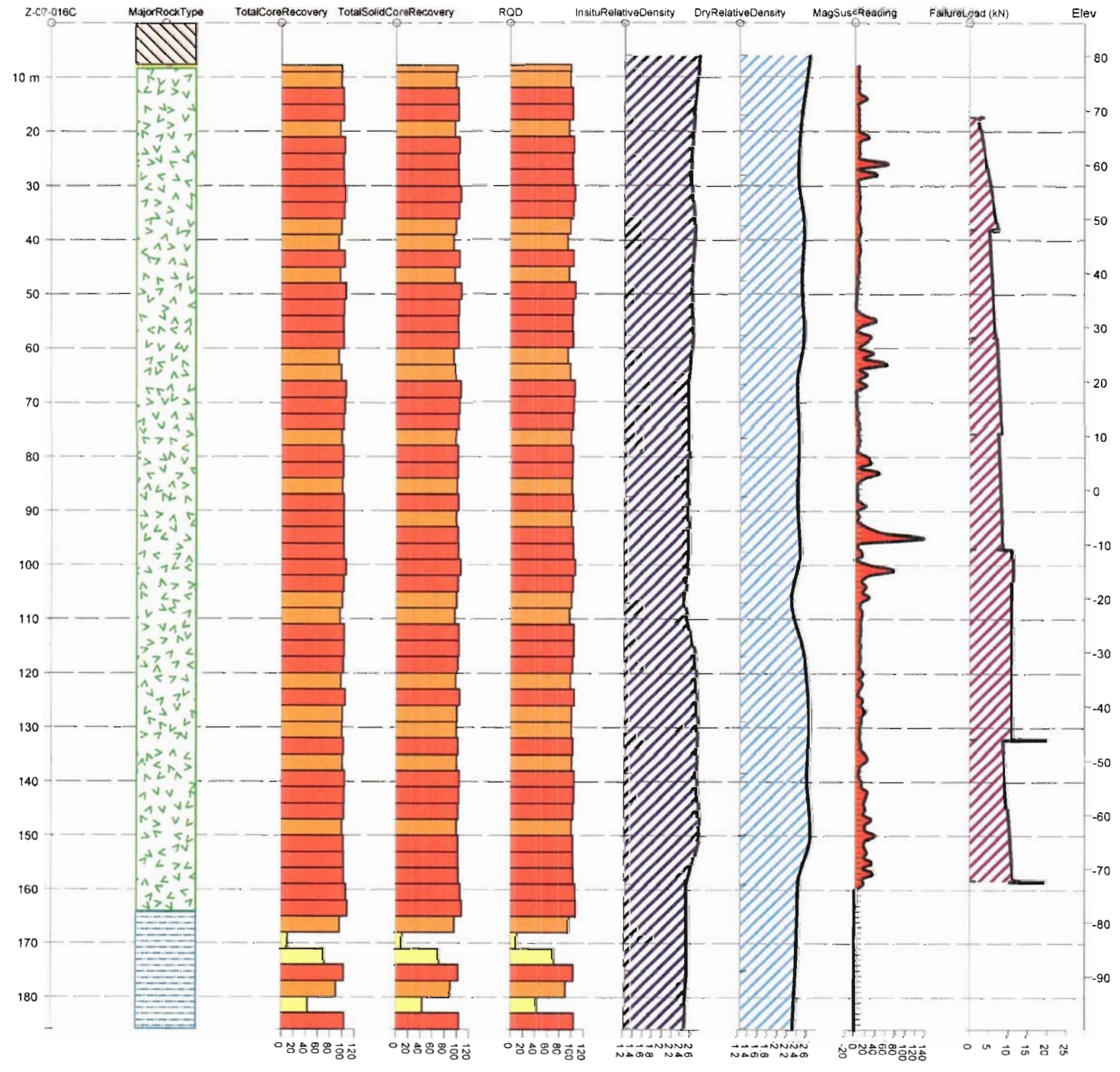
DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
OB	Overburden	
VK	Volcaniclastic kimberlite	

Core Recovery (%)
TCR/ SCR/ RQD

≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Z-07-017C**
Easting: 308774.940
NAD: NAD83
Survey (EOH): Dip: 88.7° Azimuth: 220.1°

Drilling Contractor: FORACO Inc.
Northing: 5845947.549
Zone: 17
Collar Elevation: 86.174 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 26 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 4.5 m
Casing left in Hole (yes/no): Yes, 4.5 m
Reason: difficult ground conditions
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 May 2007
First Plug Depth: 6 m
Number of Bags of Cement: 4

Drilling Completed: 29 April 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 10
Second Plug Depth: 70 m
Number of Bags of Cement: 6

Comments: Casing left in hole.

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 4.05 m

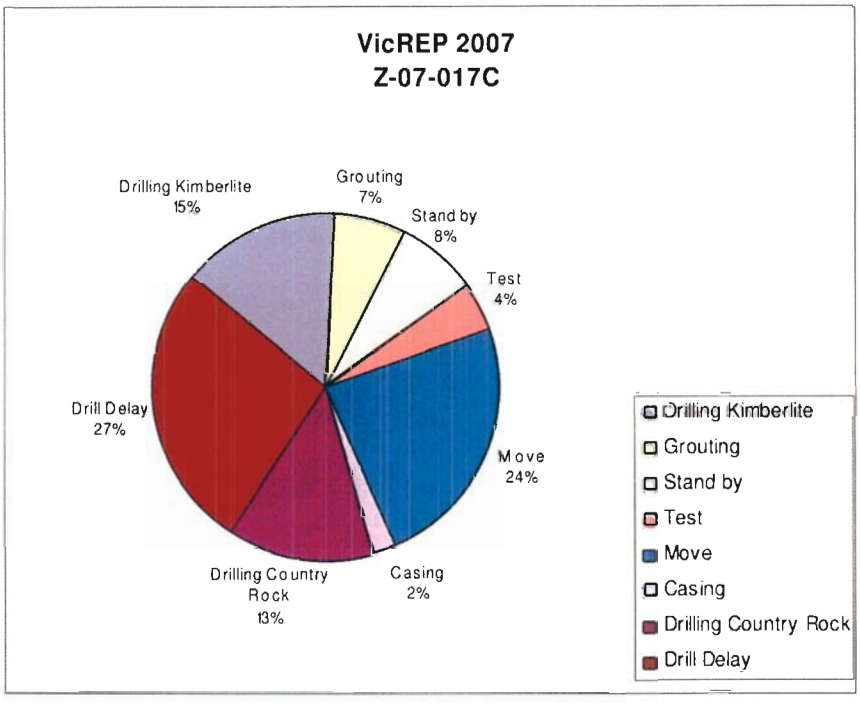
Predicted Base of Kimberlite: up to 250 m
Actual Base of Kimberlite: 64.70 m

End of Hole (EOH): 126.00 m
EOH Lithology: Limestone

Meters of Kimberlite Drilled: 60.65 m
Number of Core Boxes: 44

Reason Hole Called: Hole was completed in limestone.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (15%) or country rock (13%) and moving the drill (24%). There was a shortage of drill personnel to run both rigs resulting in 12 hours of drill delay (27%). Waiting for the helicopter to assist in the move contributed 3.5 hours of stand by (8%).

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Z-07-017C | **Date Drilled: April 26-29, 2007**

Logged by: Gargi Mishra | **Date Logged: April 29, 2007**

Top of Kimberlite: 4.05 m | **EOH: 126 .00 m**
Base of Kimberlite: 64.70 m

Summary Log

From	To	
0.00	4.05	Missing
4.05	64.70	Kimberlite fine to medium-grained
64.70	126.00 (EOH)	Limestone

Depth (m) From	To	Description
0.00	4.05	Missing, casing.
4.05	64.70	Massive, volcaniclastic kimberlite. Clast to matrix-supported. Olivine altered to serpentine, orange and or fresh. Average size of olivine is approximately 2-5 mm. Abundance percentage of olivine is approximately 75 percent. Abundance percentage of olivine more than 2mm is approximately 40 percent. Magmaclast are sub-rounded to irregular and are of two colors; green and grayish black. Magmaclast seen more commonly as thick selvage around olivine macrocrysts, ilmenite and country rock xenoliths. Mantle xenoliths seen at places consist of cpx+garnet,cpx +olivine. Mantle xenoliths are slightly altered in nature. Ilmenites are most abundant followed by cpx and garnet. Phlogopite and green mica seen at places. Maximum size of magmaclast recorded is 8 cm seen at 24.20 m depth and 45.95 m depth. Country rock xenoliths of limestone are most abundant followed by basement xenoliths. Limestone xenoliths are angular to sub-angular in shape and are unaltered to slightly altered. Basement xenoliths are sub-angular in shape and are completely to partially altered. Lower contact is broken but distinct.
64.70	126.00 (EOH)	Massive limestone breccia with clay in-between highly altered kimberlite fluidization seen at places.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-017C

Easting	Northing	Elev	Azimuth	Dip	Depth
308774.9	5845947.5	86.2	220.1	-88.7	126.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 26, 2007
Hole End Date: April 29, 2007

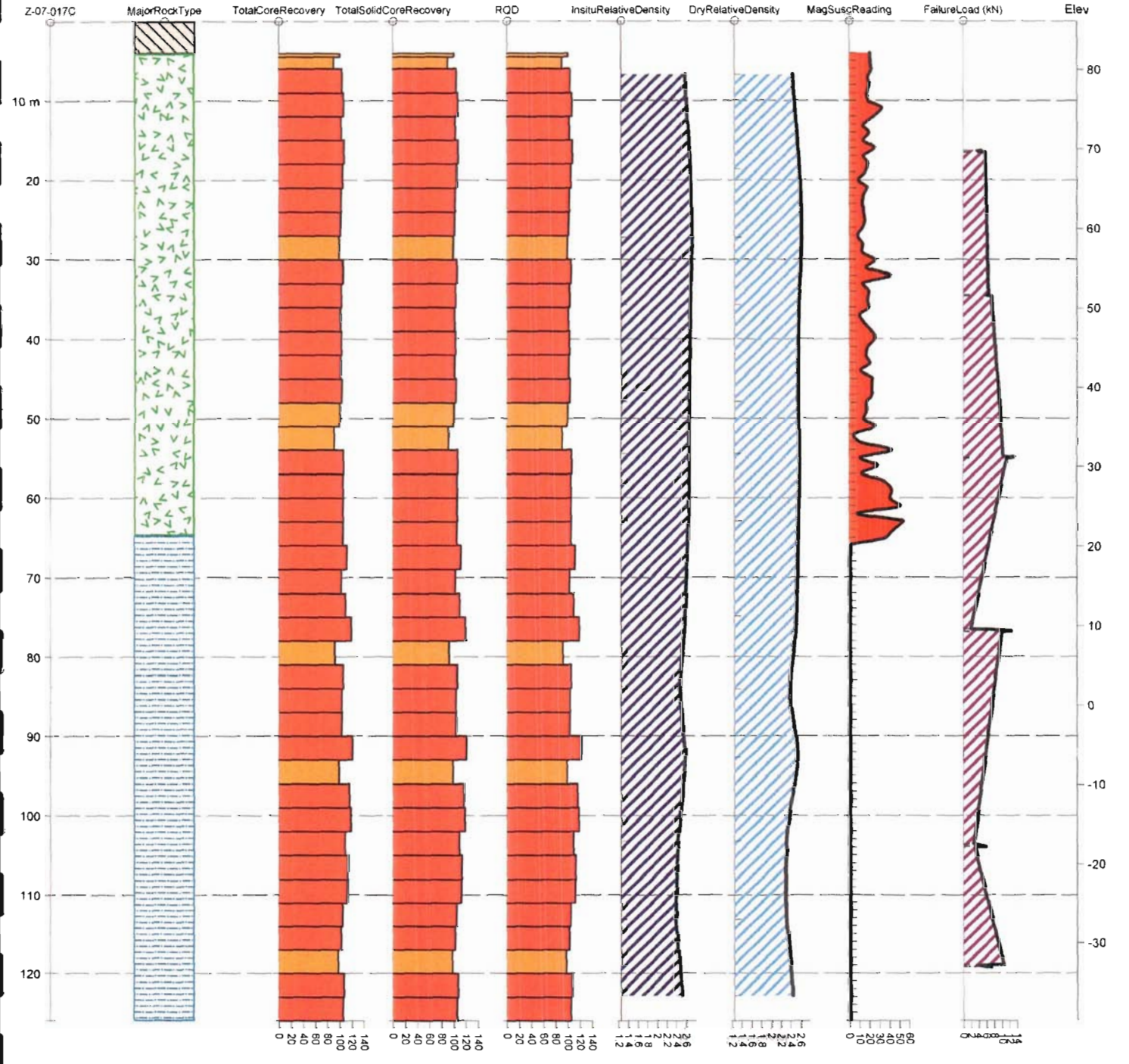
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA	Casing	
LMST	Limestone	
VK	Volcaniclastic kimberlite	

Core Recovery (%) TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Z-07-018C**
Easting: 308826.596
NAD: NAD83
Survey (EOH): Dip: 89.1° Azimuth: 175.6°

Drilling Contractor: FORACO Inc.
Northing: 5845946.838
Zone: 17
Collar Elevation: 85.981 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 29 April 2007
Casing Bit: HWT Casing Bit
Casing Set to: 7.5 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 May 2007
First Plug Depth: 8 m
Number of Bags of Cement: 5

Drilling Completed: 02 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 5
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 7.22 m

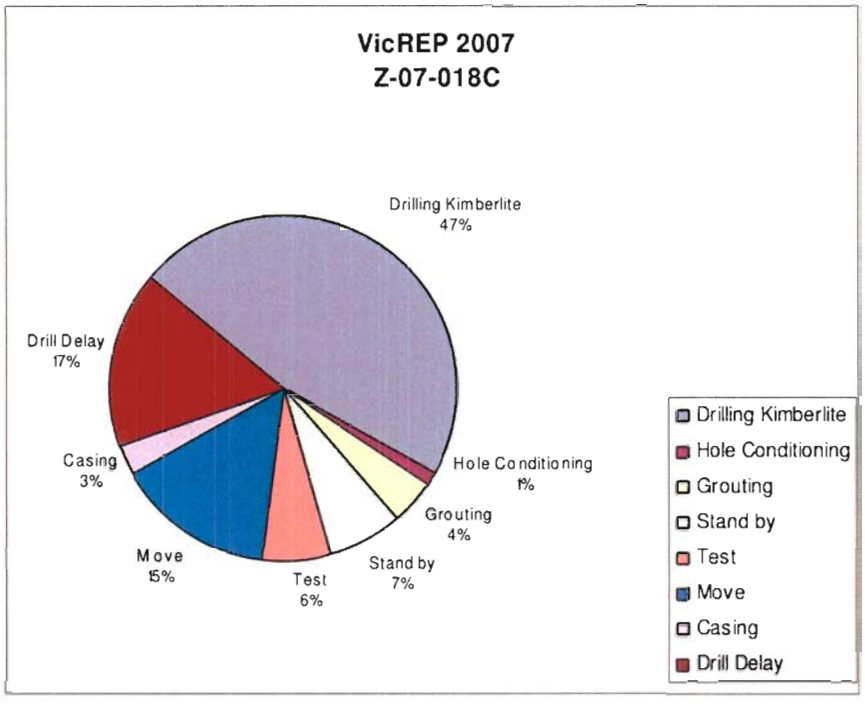
Predicted Base of Kimberlite: up to 250 m
Actual Base of Kimberlite: 252.00 m

End of Hole (EOH): 252.00 m
EOH Lithology: Kimberlite

Meters of Kimberlite Drilled: 244.78 m
Number of Core Boxes: 83

Reason Hole Called: Target depth reached.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (47%). Drill delay (17%) was a result of a shortage of drill staff ffor 12 hours. Fog caused a stand by (7%) that grounded the helicopter for 5 hours.

Project: VicREP 2007 | **Core Size: HQ**

Drill Hole: Z-07-018C | **Date Drilled: April 29-May 2, 2007**

Logged by: David Milstead | **Date Logged: May 1-3, 2007**

Top of Kimberlite: 7.22 m | **EOH: 252.00 m**
Base of Kimberlite: 252.00 m

Summary Log

From	To	
0.00	7.22	Missing – Casing
7.22	63.86	Medium-grained Volcaniclastic Kimberlite
63.86	125.36	Fine-grained Volcaniclastic Kimberlite
125.36	252.00 (EOH)	Medium-to-Fine grained Volcaniclastic Kimberlite

Depth (m) From	To	Description
0.00	1.52	Missing – Casing
7.22	63.86	Massive, medium-grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. From 7.22 to 11.60 m, core is severely weathered with significant drill damage. Olivine is partially altered to serpentine, mostly oxidized to a pale orange with minor fresh crystals. Ratio of oxidized to fresh OLV approximately 70:30. Sub-rounded, with an average grain size of 2-5 mm. Total olivine percentage is 15-20% and the abundance percentage of more than 2 mm is between 5-6%. Maximum olivine grain size of 19 mm, minimum size of 0.2 mm. A 2-3% total xenolith abundance, with an average size of 1.6 cm. From 36.00 to 45.00 m, appearance of sorting in OLV towards a smaller grain size – no indication over the entire subunit. Completely to partly altered limestone xenoliths making up 10% of the relative CRX abundance, where unaltered limestone xenoliths represent 89% (Sub-angular). Angular basement xenoliths compose approximately 1% of the CRX abundance. At 38.14 m, basement granitoid with irregular to sub-angular contact surface, appearance of plagioclase and K-feldspar. Lacking large xenolith population. Overall subunit poor in GAR and ILM, with CPX present in high modal abundance. Maximum GAR size of 5 mm, ILM at 13 mm, and CPX at 21 mm. Modal abundance of CPX > ILM >GAR. GAR mauve to crimson red in colour. Serpentine present, but not in large proportion. Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. Present only in small distribution with a large average clast size of 1.1 cm. At 59.01 m, juvenile pyroclasts with dark brown, solid core surrounded by fresh OLV crystals. Mantle xenolith at 58.17 m containing CPX and GAR, possible garnet peridotite roughly 2.1 cm in diameter. Gradational contact ranging 190 mm. Lacking veining and alteration up to 45.19 m, onwards veining consists of cemented joints of calcite, cross-cutting core axis. Mineral preservation is partly preserved, textural preservation is partly preserved. Best representative hue is Light Olive Gray – Hue 5Y 5/2.

63.86	125.36	Massive, fine-grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Overall subunit consists of a smaller OLV grain size, smaller CPX modal abundance and the addition of smaller, yet more abundant ILM. Crimson red garnets (not mauve), and the presence of more serpentine disseminated throughout. Olivine is fresh, with little to no alteration. Sub-rounded, with an average grain size of 0.5-2 mm. Total olivine percentage is 12-15% and the abundance percentage of more than 2 mm is between 1-2%. A maximum olivine grain size of 23 mm, minimum size of 0.1 mm. A 4-5% total xenolith abundance, with an average size of 2.1 cm. Completely to partly altered limestone xenoliths making up 29% of the relative CRX abundance, where unaltered limestone xenoliths represent 70% (Sub-angular). Angular basement xenoliths compose approximately 1% of the CRX abundance. Basement granitoid at 88.10 m, possibly containing quartz and plagioclase, with fresh OLV surrounding angular and irregular contact with kimberlite. Garnets are crimson red, and no longer purple-mauve. Intense dissemination of magnetite, serpentine rich, with less phlogopite – only in fractures and joints. CPX > ILM > GAR in modal abundance however, garnets are larger in size than ILM. Maximum GAR size of 6 mm, ILM at 7 mm, and CPX at 19 mm Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. Higher abundance of JP's but smaller in size than previous subunit. Mantle xenoliths at roughly the same modal abundance as previous subunit. At 68.41 m, mantle xenolith possible peridotite 3.6 cm in diameter – CPX and OLV present in approximately equal proportions. Gradational contact ranging 4.56 m merging into a unit with significant LMST xenoliths, both altered and unaltered. Mineral preservation is partly preserved, textural preservation is well preserved. Best representative hue is Medium Bluish Gray – Hue 5B 5/1.
125.36	252.00 (EOH)	Massive, medium-to-fine grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Subunit differs from previous due to high percentage of LMST xenoliths (approaching but not satisfying conditions of brecciation). Inconsistent olivine grain size, larger mantle xenoliths and an overall increase in alteration and veining – in the form of magnetite and calcite. Olivine is fresh, with little to no alteration – light green with yellow tinge. Sharp to sub-rounded with an average grain size of 2-5 mm. Total olivine percentage is 15-17% and the abundance percentage of more than 2 mm is between 2-3%. Maximum olivine grain size of 24 mm, minimum size of 0.1 mm. Fine olivine grain size until region of alteration at 175.00, where OLV grain size coarsens. A 20-25% total xenolith abundance, with an average size of 2.8 cm. A concentrated section between 125.00 m and 175.00 m indicate LMST xenolith population closer to 30%. Completely to partly altered limestone xenoliths making up 18-19% of the relative CRX abundance, where unaltered limestone xenoliths represent 80% (Sub-angular). Angular basement xenoliths compose approximately 1-2% of the CRX abundance, composed mostly of quartz and plagioclase. Maximum GAR size of 9 mm, ILM at 7 mm, and CPX at 28 mm. Low modal abundance of phlogopite and moderate serpentinization. At 209.90 m, large CPX macrocryst – apple green with smooth, rounded grain contact

with kimberlite. CPX > GAR > ILM in size distribution. GAR mostly crimson red to dark orange, ranging from 2-8 mm. ILM present only in small size fraction.

Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. At 177.99 m, mantle xenolith (possible peridotite) approx. 5.01 cm in diameter, smooth rounded contact with kimberlite – containing fresh OLV, dispersed CPX and little to no GAR. Serpentine forming around contact. At 209.90 m, possible mantle xenolith, OLV predominant mineral, crimson red GAR present, highly serpentinized. Mineral preservation is well preserved, textural preservation is well preserved. Best representative hue is Medium Bluish Gray – Hue 5B 5/1. Volcaniclastic kimberlite continues until end of hole.

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-018C

Easting	Northing	Elev	Azimuth	Dip	Depth
308826.6	5845946.8	86.0	175.6	-89.1	252.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: April 29, 2007
Hole End Date: May 2, 2007

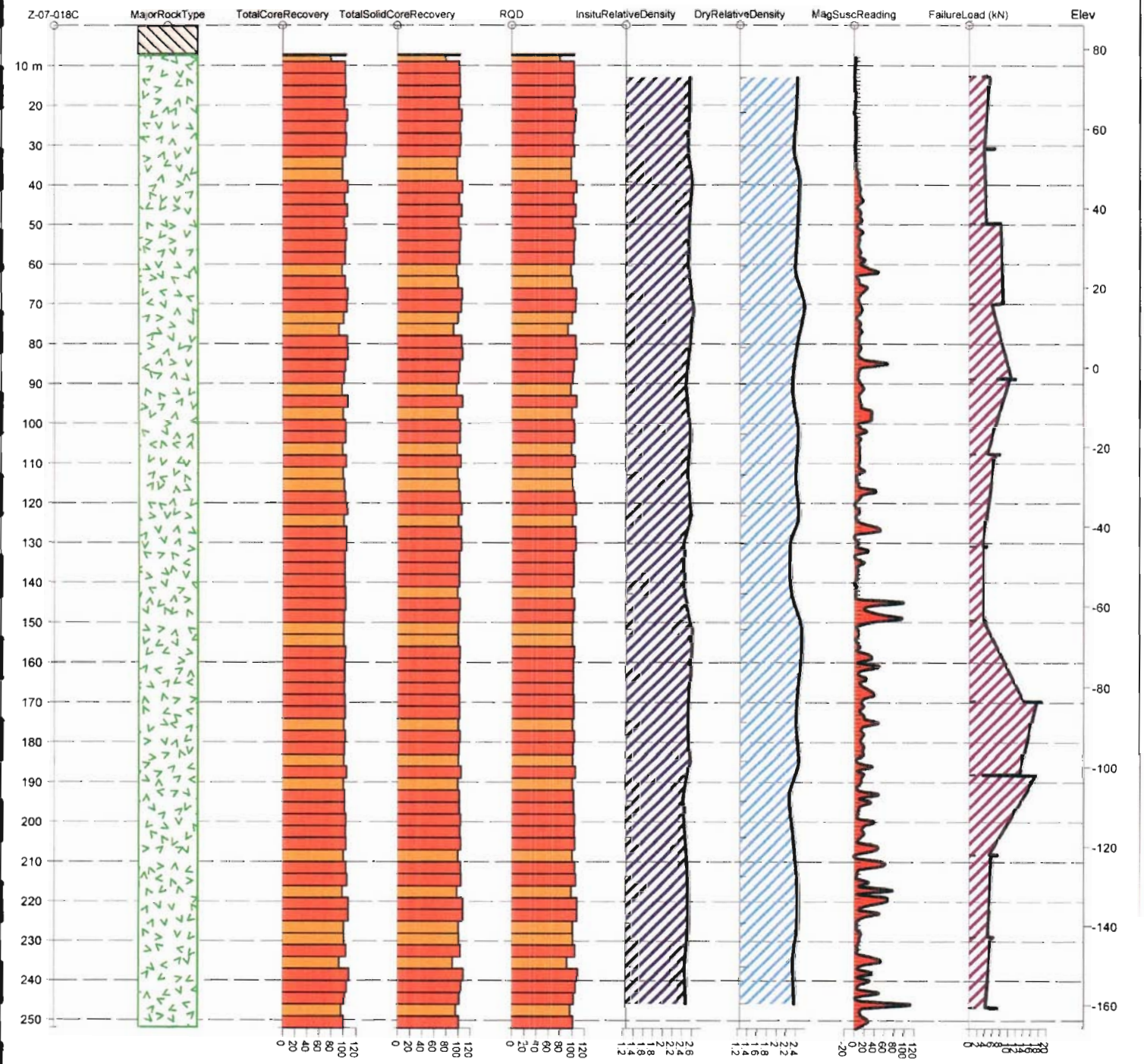
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



2007
VICTOR RESOURCE EXTENSION PROGRAM DRILL HOLE SUMMARY

Drill Hole Number: **Z-07-019C**
Easting: 308831.994
NAD: NAD83
Survey (EOH): Dip: 89.4° Azimuth: 228.1°

Drilling Contractor: FORACO Inc.
Northing: 5846016.740
Zone: 17
Collar Elevation: 86.088 m

Drill Rig Type: LF-70

Drill Rig Number: LF-1

Drilling Started: 02 May 2007
Casing Bit: HWT Casing Bit
Casing Set to: 10.5 m
Casing left in Hole (yes/no): No
Reason: -
Rods Pulled (yes/no): Yes
Date of Abandonment: 16 May 2007
First Plug Depth: 20.5 m
Number of Bags of Cement: 3

Drilling Completed: 05 May 2007
Casing Diameter (ID): 101.6 mm
Bit Diameter (Hole Diameter HQ): 96 mm
Bit Diameter (Core Diameter HQ): 63.5 mm

Cemented (yes/no): Yes
Total Number of Bags of Cement: 3
Second Plug Depth: -
Number of Bags of Cement: -

Comments: -

Predicted Top of Kimberlite: NA
Actual Top of Kimberlite: 10.21 m

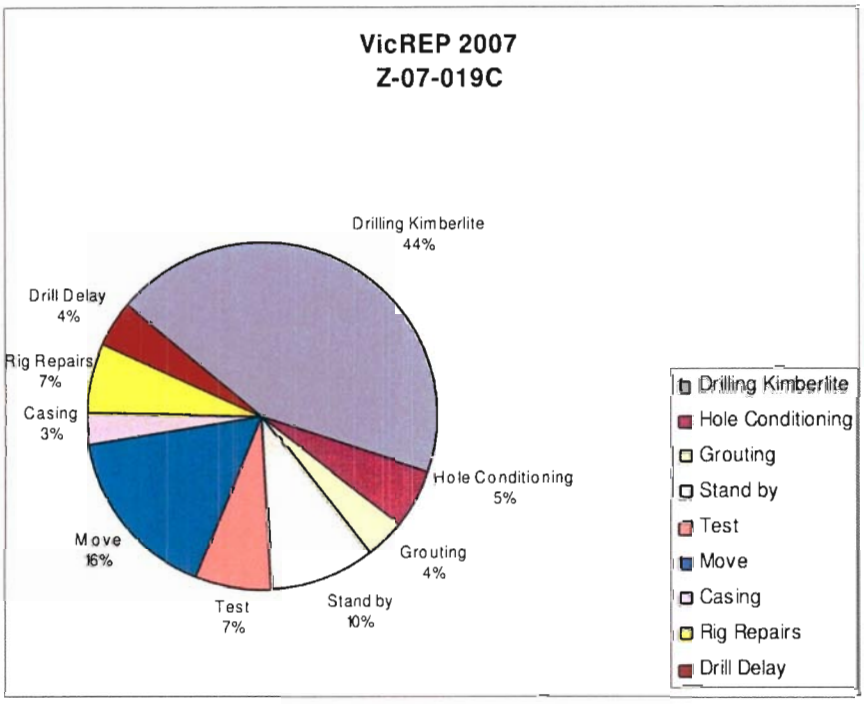
Predicted Base of Kimberlite: >250 m
Actual Base of Kimberlite: 249.00 m

End of Hole (EOH): 249.00 m
EOH Lithology: Kimberlite

Meters of Kimberlite Drilled: 238.79 m
Number of Core Boxes: 84

Reason Hole Called: Target depth reached.
Comments: -

TIME MOTION CHART



The majority of the time was spent drilling kimberlite (44%) and moving the drill (16%). There was a 7 hour stand by (10%) waiting for daylight so that the helicopter could finish the move. Also, 5 hours of elapsed time were devoted to repair (8%) the wire cable and the oil cooler .

VicREP 2007:
Zulu Kimberlite Body

STRIP LOG: Z-07-019C

Easting	Northing	Elev	Azimuth	Dip	Depth
308832.0	5846016.7	86.1	228.1	-89.4	249.0

Co-ord System: Nad83 UTM Zone 17N

Hole Start Date: May 2, 2007
Hole End Date: May 5, 2007

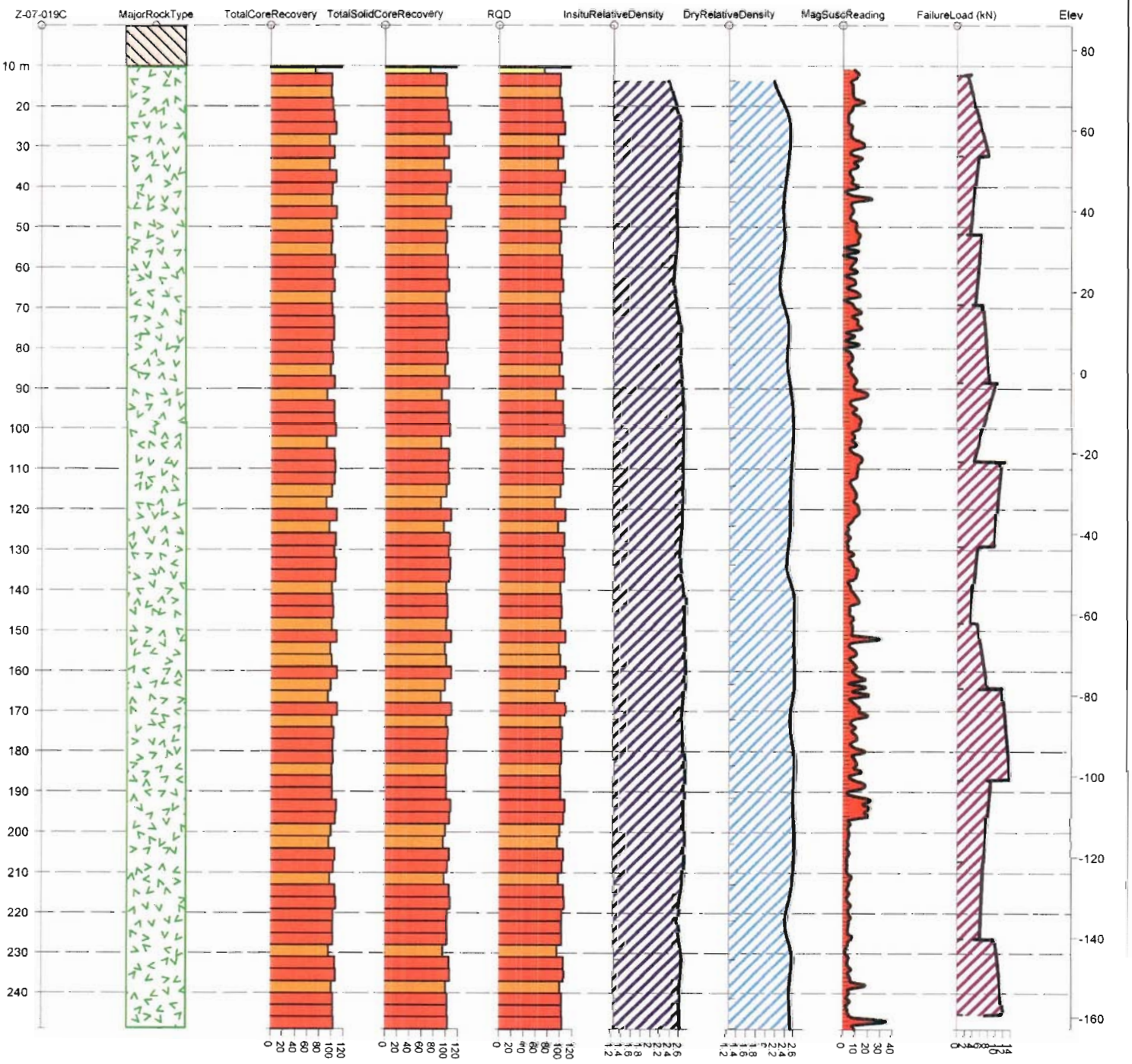
Rig Number: LF-1

DE BEERS CANADA

Drilling Contractor: Foraco
Core Size: 63.50 mm (HQ)

CA Casing
VK Volcaniclastic kimberlite

Core Recovery (%)
TCR/ SCR/ RQD
≥ 125
≤ 125
≤ 100
≤ 75



Project: VicREP 2007	**Core Size: HQ**
Drill Hole: Z-07-019C	**Date Drilled: May 2-5, 2007**
Logged by: David Milstead	**Date Logged: May 4-5, 2007**
Top of Kimberlite: 10.21 m **Base of Kimberlite: 249.00 m**	**EOH: 249.00 m**

Summary Log

From	To	
0.00	10.21	Missing – Casing
10.21	105.65	Medium-grained Volcaniclastic Kimberlite
105.65	222.14	Medium-to-Fine grained Volcaniclastic Kimberlite
222.14	249.00 (EOH)	Medium-to-Coarse grained Volcaniclastic Kimberlite

Depth (m) From	To	Description
0.00	10.21	Missing – Casing
10.21	105.65	Massive, medium-grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Subunit distinguishable by low LMST xenolith population, moderate concentration of CPX, presence of mantle xenoliths and large, well defined juvenile pyroclasts. Coarse grained OLV in upper section of subunit, moving to a finer distribution lower down. Olivine is partially altered to serpentine, mostly oxidized to a pale orange with minor fresh crystals. From 10.21 m to 27.73 m, OLV grain size distribution is coarse with presence of large 2-6 mm OLV macrocrysts (approaching clast supported), oxidized to dark orange. Approx. 27.73 m onwards OLV fresh and rather more dispersed – pale green, smaller fresh crystals. Sub-rounded, with an average grain size of 2-5 mm. Total olivine percentage is 15-17% and the abundance percentage of more than 2 mm is between 5-7%. Maximum olivine grain size of 19 mm, minimum size of 0.1 mm. A 3-5% total xenolith abundance, with an average size of 2.2 cm. Completely to partly altered limestone xenoliths making up 18-19% of the relative CRX abundance, where unaltered limestone xenoliths represent 80% (Sub-angular). Angular basement xenoliths compose approximately 1-2% of the CRX abundance. At 56.05 m, basement granitoid containing possible feldspar and plagioclase. Maximum GAR size of 6 mm, ILM at 9 mm, and CPX at 24 mm. CPX (apple green) > ILM > GAR in size distribution and CPX > ILM > GAR in modal abundance of minerals. Low abundance of mica/ phlogopite and presence of serpentine crystals, only a small amount of magnetite dissemination. ILM apparent in small crystalline sections. GAR mauve with crystalline faces. Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. High percentage of JP's, approx. 2% of rock mass ranging from 0.5 mm to 26 mm in diameter – a strong defining feature of this subunit. At 74.29 m, juvenile pyroclast 2.6 cm in diameter, dark gray with finely dispersed OLV (fresh pale green) possible magnetite. Mantle xenolith at 68.37 m containing OLV, CPX with a lens shaped exterior. At 48.74 m, mantle

xenolith displaying large OLV crystals, approx. 94% OLV – possible dunite. Gradational contact ranging 410 mm. Mineral preservation is well preserved, textural preservation is partly preserved. Alteration and veining in the form of calcite veining near 57.00 m and 74.23 m. Best representative hue is Medium Gray – Hue N5, approaching N4 – Medium Dark Gray.

105.65	222.14	Massive, medium-to-fine grained volcaniclastic kimberlite. Clast-to-matrix supported, where coherence of magma is fragmented, poorly sorted, with random grain orientation. Major differences in subunit consist of large ILM crystals, higher percentage of LMST xenoliths, fine OLV grain size and the presence of small juvenile pyroclasts and fewer but fresher/ less altered mantle xenoliths. Olivine is mostly fresh, yellowish pale green with light translucent luster. Sub-angular with an average grain size of 2-5 mm. Total olivine percentage is 25-27% and the abundance percentage of more than 2mm is between 5-6%. Maximum olivine grain size of 22 mm, minimum size of 0.1 mm. A 10-15% total xenolith abundance, with an average size of 2.6 cm. Completely to partly altered limestone xenoliths making up 14-15% of the relative CRX abundance, where unaltered limestone xenoliths represent 84% (Sub-angular). Angular basement xenoliths compose approximately 1-2% of the CRX abundance. At 153.40 m, basement granitoid containing K-feldspar, with magnetite and phlogopite around outer edges. Maximum GAR size of 6 mm, ILM at 16 mm, and CPX at 14 mm. ILM > CPX > GAR for modal abundance. Where CPX is less frequent than previous subunit, lacking typically apple green hue; approaching a weathered gold, dark green. ILM significantly larger size distribution where ILM > CPX > GAR. GAR crimson red to mauve, near lower region of subunit GAR appears orange red. Dominant magnetite dissemination throughout, with a lower abundance of serpentine. Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. JP's smaller that previous subunit, dark gray with rounded KMBL grain contacts. Average diameter approximately 10-12 mm. At 153.40 m, mantle xenolith 3.6 cm in diameter containing GAR, OLV, serpentine with phlogopite alteration occurring. Mantle xenolith at 194.48 m approx. 6 cm in diameter and 3.5 cm in width – containing close to 90% OLV, possible dunite, with serpentine and magnetite veinlets. Gradational contact ranging 65 mm. Approaching LMST breccia unit at contact. Mineral preservation is partly preserved, textural preservation is partly preserved. Best representative hue is Grayish Blue – Hue 5PB 5/2, where darker and lighter variations occur throughout subunit.
222.14	249.00 (EOH)	Massive, medium-to-coarse grained volcaniclastic kimberlite. Clast-to-matrix supported (predominantly), where coherence of magma is fragmented, poorly sorted, with random grain orientation. Difference between previous subunit: smaller mantle xenoliths, small juvenile pyroclasts, with larger basement granitoids, especially coarse OLV with poor macrocryst crystallization. Olivine fresh, little to no oxidation, pale green with few orange OLV crystals. OLV and other indicator minerals appear matrix-supported due to large macrocrysts. Sub-rounded, with an average grain size of 2-5 mm. Total olivine percentage is 23-25% and the abundance percentage of more than 2 mm is between 10-15%. Maximum olivine grain size of 23 mm, minimum size of 0.2 mm. A 17-24% total xenolith abundance, with an average size of

2.8 cm. Completely to partly altered limestone xenoliths making up 38% of the relative CRX abundance, where unaltered limestone xenoliths represent 60% (Sub-angular). Angular basement xenoliths compose approximately 2% of the CRX abundance. Basement granitoid at 242.60 m containing plagioclase and phlogopite at a modal abundance of 30%, possible biotite – average diameter 7.00 cm. Maximum GAR size of 6 mm, ILM at 7 mm, and CPX at 7 mm. Modal abundance of CPX approx. = ILM > GAR. Smaller intensity of indicator minerals, lacking the large ILM and phlogopite of the previous subunit. With intense magnetite dissemination causing magnetite banding in lower region of subunit. Magnetic susceptibility data displaying several high readings near the region of banding.

Juvenile pyroclasts, matrix-supported with sub-rounded, fresh OLV. Mantle xenolith at 242.75 m containing CPX and OLV, possible peridotite. At 244.79 m, mantle xeno. 2.1 cm in diameter containing fresh OLV, CPX and fine GAR, also appearing at 228.30 m. Volcaniclastic kimberlite continuing until the end of the hole. Intense veining and alteration causing frequent cemented joints. Mineral preservation is well preserved, textural preservation is partly preserved. Best representative hue is Medium Dark Gray – Hue N4.

Appendix B List of Dispositions

ONTARIO Ministry of Northern Development and Mines
Ministère du Développement du Nord et des Mines

The Mining Act
Loi sur les mines

2007 MINING LEASE RENT- LOYER DES BAUX MINIERS

Date 2007-Jan-19

Please make payment payable to the **MINISTER OF FINANCE.**
Return payment with one copy of this invoice in the envelope provided to:

Ministry of Northern Development and Mines
933 Ramsey Lake Road, 6th Floor, Sudbury, Ontario P3E 6B5
(705) 670-5850 or 1-888-415-9845 - Ext 5850
www.mndm.gov.on.ca/mndm/mines/lands

Envoyez le paiement à l'ordre du **MINISTRE DES FINANCES**
ainsi qu'une copie de la présente facture dans l'enveloppe ci-jointe à:

Ministère du développement du nord et des mines
933 chemin Ramsey Lake, 6 ième étage, Sudbury, Ontario P3E 6B5
(705) 670-5850 ou 1-888-415-9845 - Poste 5850
www.mndm.gov.on.ca/mndm/mines/lands

DE BEERS CANADA INC.
ONE WILLIAM MORGAN DR.
TORONTO ON M4H1N6

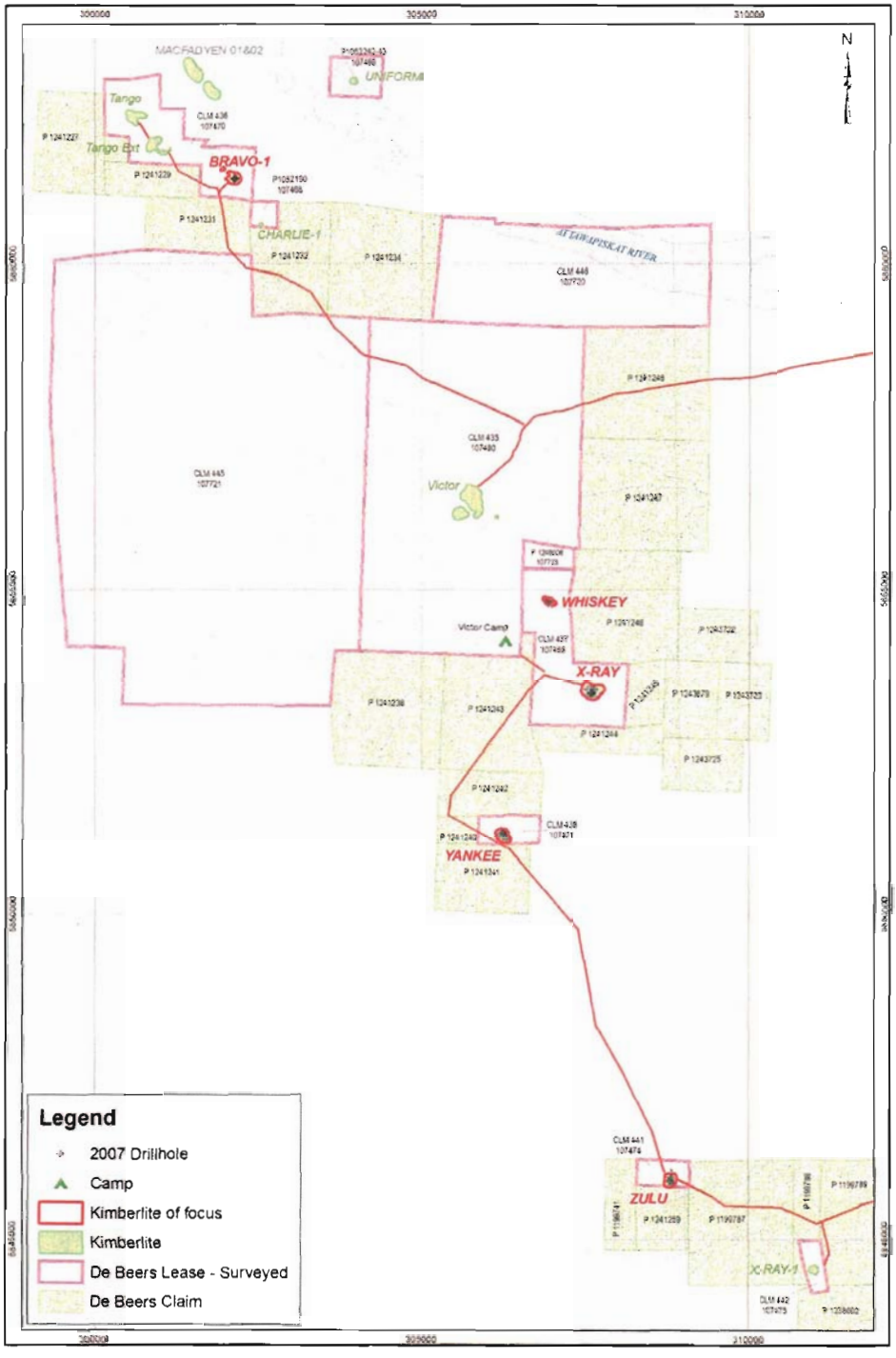
Account / Compte: **LKP*0097**

Total Annual Rent / Loyer annuel	Balance from previous years / Solde des années précédentes	Total rent due / Loyer total
$18,589.80	**$0.00**	**$18,589.80**

CREDIT (-) DON'T PAY CRÉDIT (-) NE PAS PAYÉ
Payment due on anniversary month of lease.
Somme payable au mois d'anniversaire du bail.

Sub-account / Sous-compte	Description/Détail			Anniversary Date / Date d'anniversaire yyyy-mm-dd	Hectares/ Hectares	Annual Rent/ Loyer annuel	Outstanding Rent/ Loyer impayé	Total Due/ Solde
	Lease # / No de bail	Description/ Détail	Township/Area Canton/Région					
0001	107468	P1052190	BMA 527834	2003-Dec-01	16.342	49.03	0.00	49.03
0002	107469	P1052242-243	BMA 528834	2003-Dec-01	49.113	147.34	0.00	147.34
0003	107470	CLM436	BMA 528834	2003-Dec-01	201.066	603.20	0.00	603.20
0004	107471	CLM438	BMA 527834	2003-Dec-01	40.636	121.91	0.00	121.91
0005	107472	CLM439	BMA 528834	2003-Dec-01	74.223	222.67	0.00	222.67
0006	107474	CLM441	BMA 526834	2003-Dec-01	31.808	95.42	0.00	95.42
0007	107475	CLM442	BMA 526834	2003-Dec-01	24.769	74.31	0.00	74.31
0008	107473	CLM440	BMA 527833	2003-Dec-01	88.912	266.74	0.00	266.74
0009	107476	CLM443	BMA 526834	2003-Dec-01	162.322	486.97	0.00	486.97
0010	107477	CLM444	BMA 526834	2003-Dec-01	71.216	213.65	0.00	213.65
0011	107720	CLM446	BMA 527834	2004-Aug-01	647.888	1,943.66	0.00	1,943.66
0012	107721	CLM445	BMA 527834	2004-Aug-01	2,983.168	8,949.50	0.00	8,949.50
0013	107485	CLM437	BMA 527834	2004-Jan-01	241.304	723.91	0.00	723.91
0014	107480	CLM435	BMA 527834	2003-Dec-01	1,534.515	4,603.55	0.00	4,603.55
0015	107723	P1246006	BMA 527834	2004-Sep-01	29.312	87.94	0.00	87.94

Appendix C 2007 Victor Resource Extension Drill Program – Drill Targets. 1:10000 scale



Appendix D Detailed Summary of Expenditures

Assessment Expenditure Calculation
De Beers Canada Inc.
Project: Victor Resource Extension Program 2007

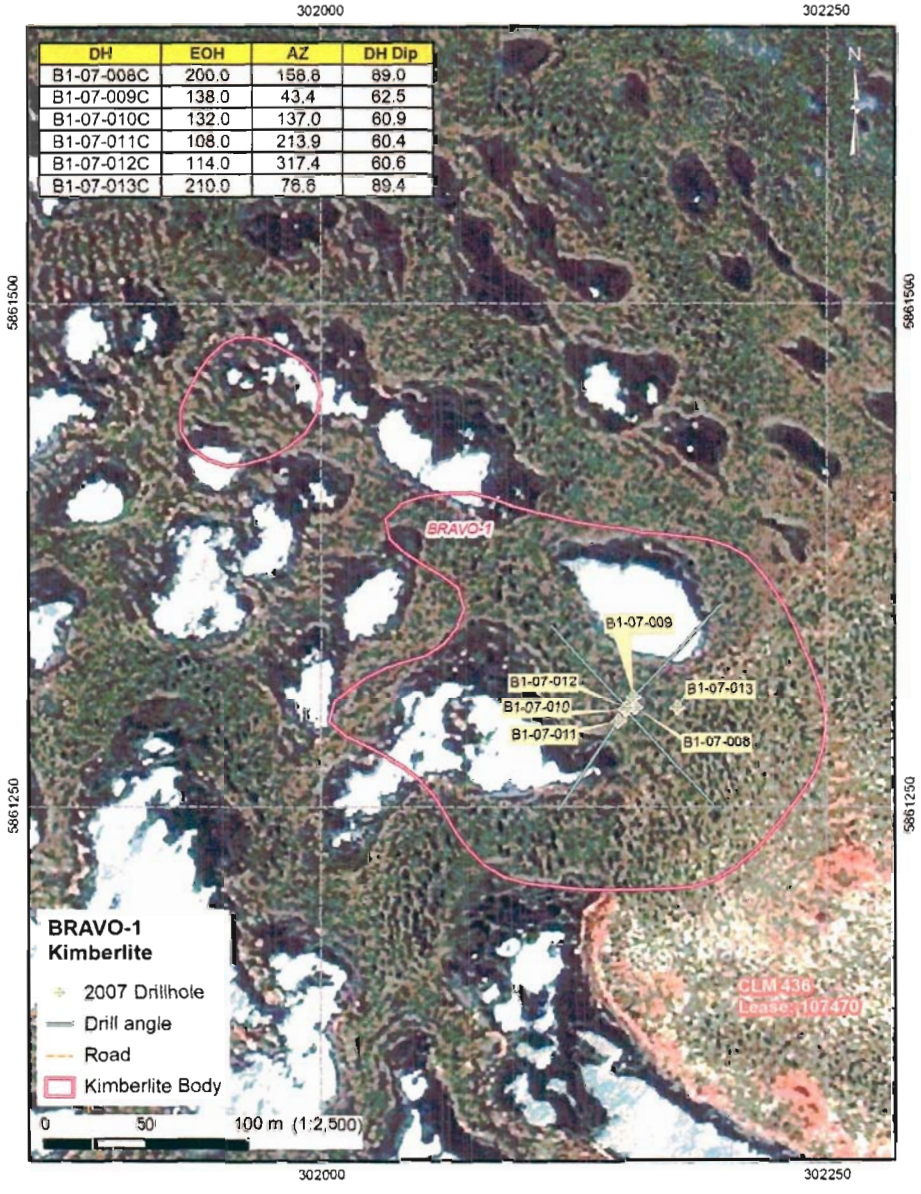
Field related expenditures 2007

		Amount	Subtotals
Field Wages			
Contract- Charge out Rate			
	1 Geotechnical Consultant (SRK) including training, QA/QC on geotechnical data	$12,029.29	
	1 Petrologist (training field staff) at $606.41/day x 4 days	$2,425.65	
	1 Project manager at $838.16 per day x 21 days	$17,601.41	
	1 Site manager at $606.41 per day x 125 days	$75,801.56	
	1 Field geologist at $473.16 per day x 10 days	$4,731.56	
	1 Field geologist at $372.73 per day x 45 days	$16,772.85	
	2 Field geologists $271.63 per day x 208 mandays	$56,499.29	
	4 Field assistants at $227.51 per day x 243 mandays	$55,284.16	
	2 Field data support staff at $226.00 per day x 88 mandays	$19,916.84	
			$261,062.62
Drilling			
	Foraco Inc. Drilling Contract	$1,050,609.00	
	HQ Core Boxes	$53,463.18	
	Drilling Supplies (cement, propane)	$4,783.72	
			$1,108,855.90
Field Accommodation			
	Food & Lodging 967 man days x $75/day (exploration camp)	$72,525.00	
	Food & Lodging 1169 man days x $52/day (Victor main camp)	$60,788.00	
			$133,313.00
Site Operation Costs			
	Drill support (heavy equipment, SWAT)	$17,000.00	
	Core shack set-up	$13,000.00	
	Equipment Rentals		
	Spectrum 2000 Radio Rentals (11 handhelds, base station, mobile radio)	$4,702.50	
	Global Star Satellite Phone Rentals (3 phones)	$1,902.46	
	Equipment		
	Digital camera	$1,241.00	
	Ohaus Density Scale Calibrations, 2 at $110.93	$221.86	
	Point Load Tester maintenance/parts	$1,329.16	
	Vehicles and Accessories		
	Truck Rental, $1650/mth, 1 at 5mths	$9,405.00	
	Truck Rental, $1650/mth, 1 at 3mths	$5,643.00	
	4 skidoos (2 Bravo, 2 Scandik)	$22,459.68	
	Skidoo accessories	$1,122.77	
	Safety, Core Logging, and Camp Supplies		
	United Supply Core Logging Supplies	$35,662.68	
			$113,690.11
Expediting and Freight			
	Heavy air freight	$105,000.00	
	United Supply Expediting	$7,164.90	
	United Supply Freight	$11,337.30	
			$123,502.20
Travel Costs			
	Air Transport to Victor site	$60,000.00	
	Flight Costs for staff to Timmins	$19,964.66	
			$79,964.66
Helicopter costs			
	Rental of Helicopter 362.8hrs x $1120/hr	$406,336.00	
	Travel Costs, Freight and Support	$10,710.41	
	Fuel 362.8 hours x 180 liter/hour x $630/drum (cost per drum on site)	$200,690.34	
			$617,736.75
Total costs for drilling			**$2,438,125.23**

Office related expenditures 2007 (planning and reporting)

		Amount	Subtotals
De Beers Staff - Charge out rate:			
	1 Advanced exploration manager at $1340.29 per day x 10 days	$13,402.90	
	1 Project geologist at $838.16 per day x 14 days	$11,734.28	
	2 Senior geologists at $606.41 per day x 20 days	$12,128.25	
	1 Geologist at $473.16/day x 5 days	$2,365.80	
	1 Geologist x $221.25/ day x 5 days	$1,106.25	
Total costs for office program			***$40,737.48***
Final Drilling Program Cost			**$2,478,862.71**
Total Drilling (m)			**9016**
Drilling Cost/m			**$274.94**

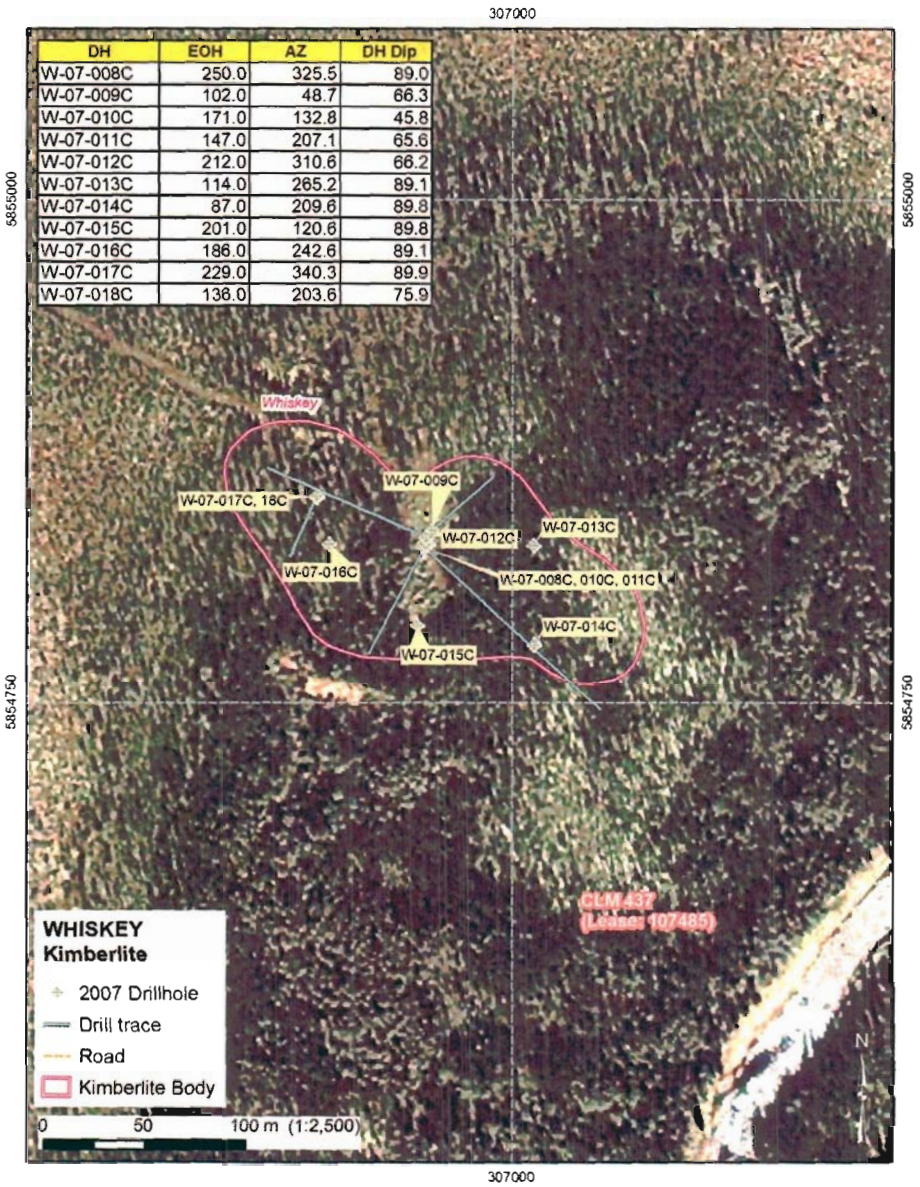
Appendix E Drill hole Locations: Bravo-1 Kimberlite Satellite Image. 1:2500 scale



DH	EOH	AZ	DH Dip
B1-07-008C	200.0	156.6	89.0
B1-07-009C	138.0	43.4	62.5
B1-07-010C	132.0	137.0	60.9
B1-07-011C	108.0	213.9	60.4
B1-07-012C	114.0	317.4	60.6
B1-07-013C	210.0	76.6	89.4

* Azimuth not corrected, for correction subtract 10.4°W

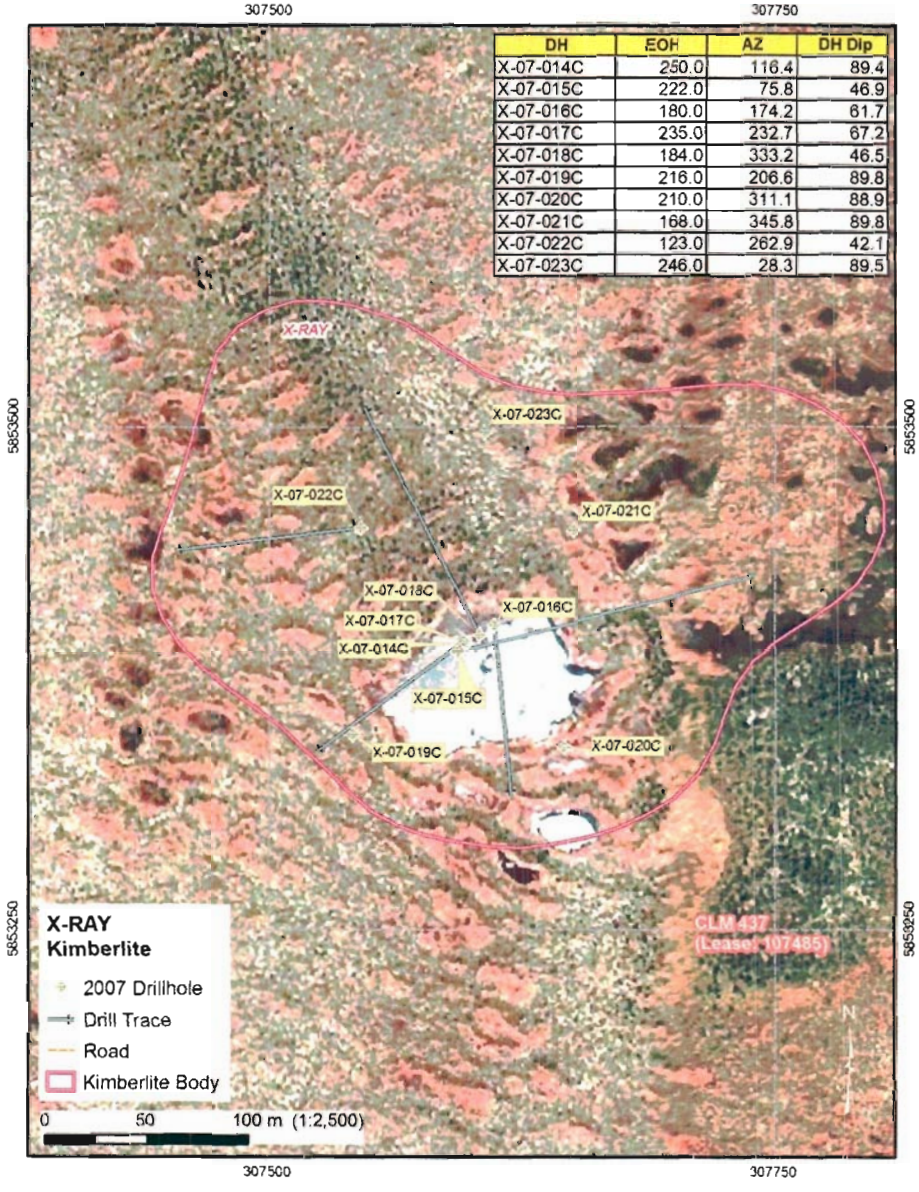
Appendix F Drill hole Locations: Whiskey Kimberlite Satellite Image. 1:2500 scale



DH	EOH	AZ	DH Dip
W-07-008C	250.0	325.5	89.0
W-07-009C	102.0	48.7	66.3
W-07-010C	171.0	132.8	45.8
W-07-011C	147.0	207.1	65.6
W-07-012C	212.0	310.6	66.2
W-07-013C	114.0	265.2	89.1
W-07-014C	87.0	209.6	89.8
W-07-015C	201.0	120.6	89.8
W-07-016C	186.0	242.6	89.1
W-07-017C	229.0	340.3	89.9
W-07-018C	136.0	203.6	75.9

* Azimuth not corrected, for correction subtract 10.4°W

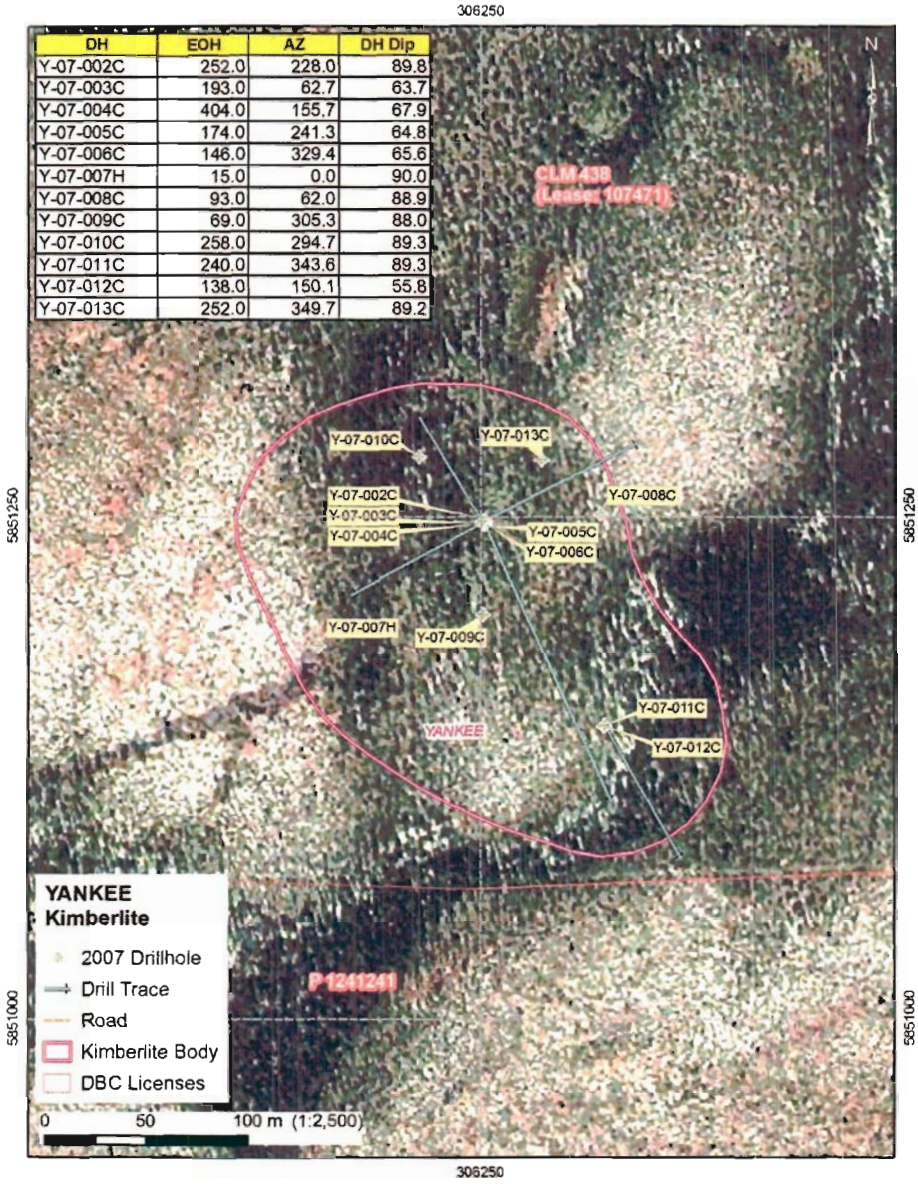
Appendix G Drill hole Locations: X-Ray Kimberlite Satellite Image. 1:2500 scale



DH	EOH	AZ	DH Dip
X-07-014C	250.0	116.4	89.4
X-07-015C	222.0	75.8	46.9
X-07-016C	180.0	174.2	61.7
X-07-017C	235.0	232.7	67.2
X-07-018C	184.0	333.2	46.5
X-07-019C	216.0	206.6	89.8
X-07-020C	210.0	311.1	88.9
X-07-021C	168.0	345.8	89.8
X-07-022C	123.0	262.9	42.1
X-07-023C	246.0	28.3	89.5

* Azimuth not corrected, for correction subtract 10.4°W

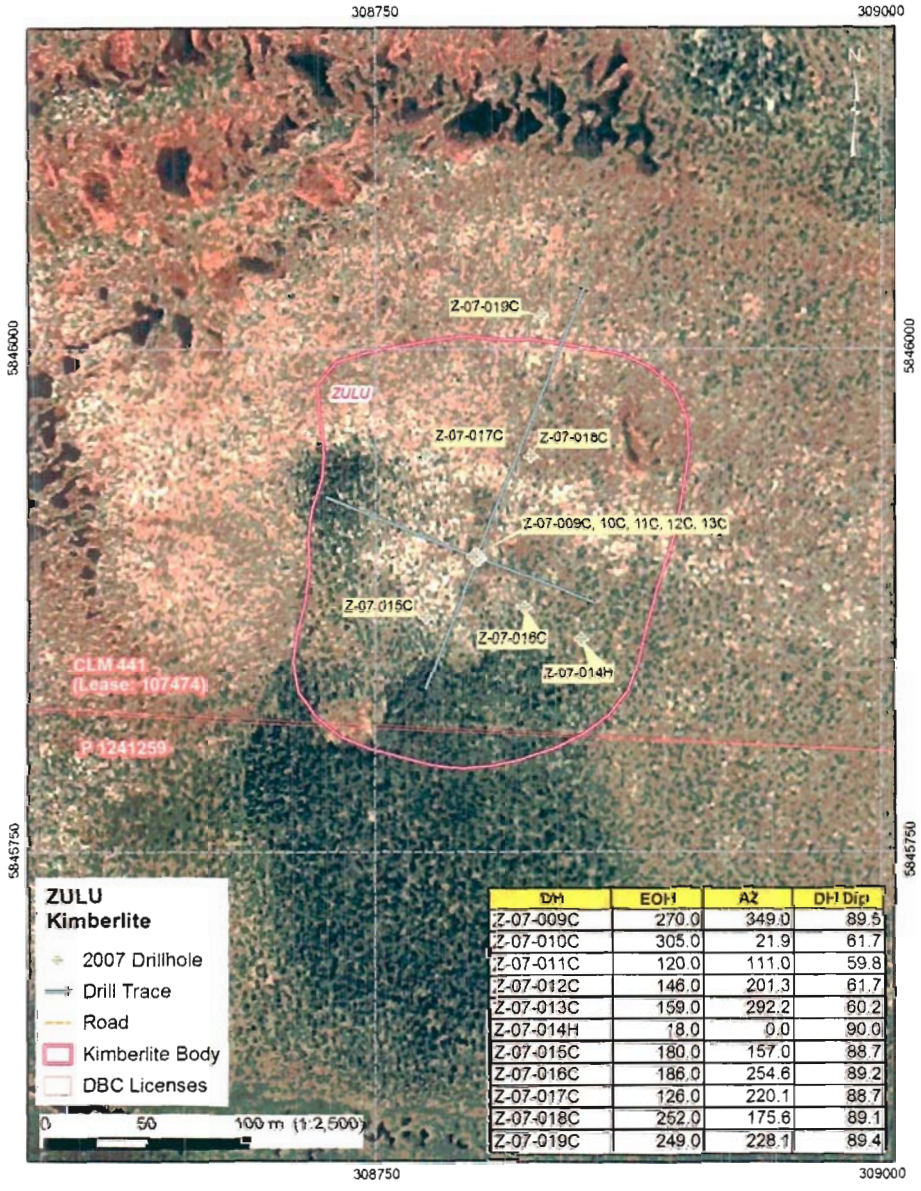
Appendix H Drill hole Locations: Yankee Kimberlite Satellite Image. 1:2500 scale



DH	EOH	AZ	DH Dip
Y-07-002C	252.0	228.0	89.8
Y-07-003C	193.0	62.7	63.7
Y-07-004C	404.0	155.7	67.9
Y-07-005C	174.0	241.3	64.8
Y-07-006C	146.0	329.4	65.6
Y-07-007H	15.0	0.0	90.0
Y-07-008C	93.0	62.0	88.9
Y-07-009C	69.0	305.3	88.0
Y-07-010C	258.0	294.7	89.3
Y-07-011C	240.0	343.6	89.3
Y-07-012C	138.0	150.1	55.8
Y-07-013C	252.0	349.7	89.2

* Azimuth not corrected, for correction subtract 10.4°W

Appendix I Drill hole Locations: Zulu Kimberlite Satellite Image. 1:2500 scale



DH	EOH	Az	DH Dip
Z-07-009C	270.0	349.0	89.5
Z-07-010C	305.0	21.9	61.7
Z-07-011C	120.0	111.0	59.8
Z-07-012C	146.0	201.3	61.7
Z-07-013C	159.0	292.2	60.2
Z-07-014H	18.0	0.0	90.0
Z-07-015C	180.0	157.0	88.7
Z-07-016C	186.0	254.6	89.2
Z-07-017C	126.0	220.1	88.7
Z-07-018C	252.0	175.6	89.1
Z-07-019C	249.0	228.1	89.4

* Azimuth not corrected, for correction subtract 10.4°W

Addendum

All core holes on Bravo-1 were drilled on CLM436, Lease 107470.

All core holes on Whiskey were drilled on CLM437, Lease 107485.

All core holes on X-Ray were drilled on CLM437, Lease 107485.

All core holes on Yankee were drilled on CLM438, Lease 107471.

All core holes on Zulu were drilled on CLM441, Lease 107474.

Missing, as a major lithological unit, represents the core not recovered during casing. This may include overburden and/or kimberlite. Since the core was not recovered, we could not infer the overburden-kimberlite contact or record the true overburden thickness.

The storage location for core holes drilled in the 2007 VicREP winter drilling program on Bravo-1, Whiskey, X-Ray, Yankee, and Zulu is Sudbury, ON.