

**ASSESSMENT REPORT on
YEAR-2007 SURFACE EXPLORATION and DIAMOND DRILLING**

on the

NORTHERN DANCER PROPERTY

Dansar 1-4 YB91322-YB91325
Dansar 5F-6F YB91394-YB91395
Dansar 7-14 YB93166-YB93173
Dansar 15-23 YB93507-YB93515

NTS Sheet 105B/4

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in the
Watson Lake Mining District,
Yukon Territory, Canada

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Summary

Largo Resources Ltd. is the operator of the Northern Dancer project hosting the Northern Dancer tungsten-molybdenum deposit, located along the north side of the Yukon-British Columbia border about 240 kilometres east of Whitehorse, Yukon, Canada. In 2007 Largo conducted a diamond drilling program of 8,494 metres in 26 holes, focusing primarily on upgrading of the resource classification of the deposit. As a result, on April 10, 2008, Largo released resource upgrade figures, consisting of an indicated resource of 140.8 million tonnes grading 0.10% WO₃ (tungsten tri-oxide) and 0.026% molybdenum (Mo), with an additional inferred resource of 253.2 million tonnes grading 0.10% WO₃ and 0.022% Mo.

The Northern Dancer property consists of 23 full and fractional quartz mining claims covering roughly 420 hectares (1,037 acres). The property is accessible by a rough road extending north from the Alaska Highway. Largo Resources is also the operator of three adjoining mineral tenures contiguous with the Dansar block; these extend along the access road within the British Columbia side of the border.

Scheelite mineralization was first discovered at the present deposit site in 1975. Amax Potash Ltd. conducted the first major exploration programs from 1977 through 1981, including almost 500m of underground workings. Amax transferred its interest to Canamax which declared the deposit uneconomic in 1984. The property was re-staked in 1998 by Nordac Resources Ltd. (renamed Strategic Metals Ltd. in 2001) which performed surface exploration prior to entering into an option agreement with Largo in 2006. That year Strategic Metals conducted diamond drilling, focusing on preparation of a National Instrument 43-101 resource estimate. The claims are held by Archer Cathro & Associates (1981) in trust to Strategic, and under option to Largo.

The property is located within a fault-bounded package of Quesnellia Terrane volcanic, limestone and calcareous clastic sedimentary rocks, comprising part of the accreted terrane bounding the southwest side of the Tintina Fault. Two major intrusive events resulted in emplacement of a suite of Jurassic ultramafic to dioritic intrusions, followed by the mid-Cretaceous Cassiar Suite of porphyritic quartz monzonite to monzodioritic intrusions, including the Seagull and Hake Batholiths.

Specifically, the property covers a package of limestone through silty limestone and calcareous fine clastics intruded by a Jurassic diorite stock in the southwestern area. A Cretaceous quartz monzonite stock occurs just south of the border, and is likely comagmatic with a felsic porphyritic dyke system northeast of the diorite stock. The porphyry dyke system is central to the deposit, which extends north-northeast from the diorite stock for roughly 1,200 metres along a northeast trending ridgeline. The deposit, essentially representing a porphyry-style setting, is hosted by several lithological settings, including the dyke system and adjacent “skarn” mineralization within altered calcareous sediments.

In addition to the further upgraded resource estimate of April 10, 2008, Largo concluded that potential remains for enlargement of the known deposit dimensions, particularly along flanks of the ridge. Several holes also returned higher grade tungsten intercepts at shallower depths than expected, indicating potential for shallow higher grade zones. Mineralogy, occurring within four vein sets, is influenced by host lithology. The skarn setting is the only one to host an abundance of all four vein sets. Molybdenum, occurring primarily as quartz-molybdenite veins, is controlled by the central porphyry dyke system, with Mo grades increasing with depth. Mineral potential also occurs in areas outside of the deposit, including the vicinity of the Marilyn Creek occurrence identified in 2007.

The main focus of the 2008 program will be on a diamond drilling program of 20,000 metres in 50 to 55 holes, designed to confirm and up-grade the classification of the existing resource base to the Measured and Indicated categories. In 2007 analysis was expanded to include fluorine (F) evaluation. Some surface geological mapping and sampling, as well as a trenching program, is also proposed. Largo will also undertake a Preliminary Economic Assessment with associated metallurgical reviews and marketing studies, to determine future or advancement of the project. The study will include a preliminary economic evaluation involving all main parameters ranging from actual mining to marketing and sale of products.

The total field budget for drilling stands at \$5,950,000; the budget for the scoping study stands at \$40,000 and the budget for other work stands at \$120,000, for a total of \$6,110,000.

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1.0 Introduction

The Northern Dancer property, consisting of 23 full and fractional quartz mining claims located directly north of the Yukon – British Columbia border roughly 240 kilometres east-southeast of Whitehorse, Yukon, covers the bulk tonnage, low-grade Northern Dancer tungsten-molybdenum deposit. By 1984, this deposit, formerly called the “Logtung” deposit, was estimated to contain a resource of 152 million tonnes grading 0.13% WO_3 and 0.052% MoS_2 (Noble, Spooner and Harris, 1984); this estimate is not verifiable under National Instrument 43-101. In 1998 Nordac Resources Ltd. (re-named as Strategic Metals Ltd. in 2001) restaked the deposit and conducted several phases of surface exploration prior to entering into an option agreement with Largo Resources Inc. in February 2006. The 2006 program of 3,943.8 metres in 17 holes was followed up with a larger 2007 program of 8,494 metres in 26 holes, focusing primarily on upgrading of the resource categories of the deposit.

The property, 100% held by Strategic Metals Ltd, consist of 23 quartz mining claims within Yukon, and three mineral tenures covering the access road in British Columbia. This report covers results of year-2007 diamond drilling program, which took place from early June through mid-October, with post-drilling and core logging continuing at a Whitehorse facility until mid-December.

This report was written to satisfy requirements by the Watson Lake Mining Recorder of the Ministry of Energy, Mines and Resources, Government of Yukon.

1.1 Underlying Agreements

On February 15, 2006, Largo entered into an option agreement with Strategic Metals Ltd, to acquire an initial 70% interest in the Dansar 1-23 claims through completion of CDN\$5.0 million in exploration expenditures by the third anniversary of the agreement (April, 2009), including \$1.5 million incurred by the first anniversary. The agreement included issuance of 2,000,000 common shares to Strategic Metals upon execution of the agreement, followed by a further 1,000,000 common shares for each of the next two anniversary dates, for a total of 4,000,000 common shares. Strategic Metals retains a 3% Net Smelter Royalty (NSR), 2% of which may be obtained by Largo. Within 12 months of earning the initial 70% interest, Largo has the right to purchase the remaining 30% interest in the property for an additional \$5.0 million or equivalent value in stock.

1.2 Sources of Information

The majority of information comprising this report was taken from the 2006 assessment report for Largo Resources and Strategic Metals, by W. Douglas Eaton of Archer, Cathro & Associates

(1981) Ltd., and from earlier assessment reports by Archer Cathro & Associates. Sources include a 1984 paper on the Logtung deposit by S.R. Noble, E.T.C. Spooner and F.R. Harris. Other significant sources include in-house documents belonging to Largo Resources, results from the 2007 program, and personal communication with Messrs. R. (Andy) Campbell and Farshid Ghazanfari. Updated resource estimates were obtained from news releases from the Largo website.

1.3 Terms of Reference

This is an assessment report, written to meet the filing requirements of the Watson Lake Mining Recorder, of the Ministry of Energy, Mines and Resources of the Government of Yukon.

1.4 Involvement of the Qualified Person

Mr. R. Campbell, Qualified Person for the project, conducted a number of property visits of several days each, including visits from July 17 - 22, August 18 – 24, and Oct 3-4, 2007.

Carl Schulze, author of this report, was the program manager on a contract basis through mineral exploration contracting firm All-Terrane Mineral Exploration Services. Mr. Schulze was on site for roughly 40% of the field portion of the program, extending from June 8th to Oct 16th, and managed the entire post-field logging and sampling portion extending until Dec 21, 2007.

2.0 Property Description and Location

2.1 Description and Location

The Yukon portion of the Northern Dancer property consists of a contiguous block of 15 full and 8 fractional unpatented quartz mining claims covering roughly 420 hectares (1,037 acres) located in the Watson Lake Mining District on NTS map sheet 105B/4. The claim block is centered at 60° 00' 10"N Latitude, and 131° 37' 00"W Longitude (Figure 1). The southern edge of the claim block extends directly along the Yukon-British Columbia border, at exactly 60° N Latitude. Largo Resources is also the operator of three adjoining mineral tenures extending along the access road from the property south to the Alaska Highway, on the B.C. side of the border. These are contiguous with the Dansar 1-23 block, but are not the subject of this report.

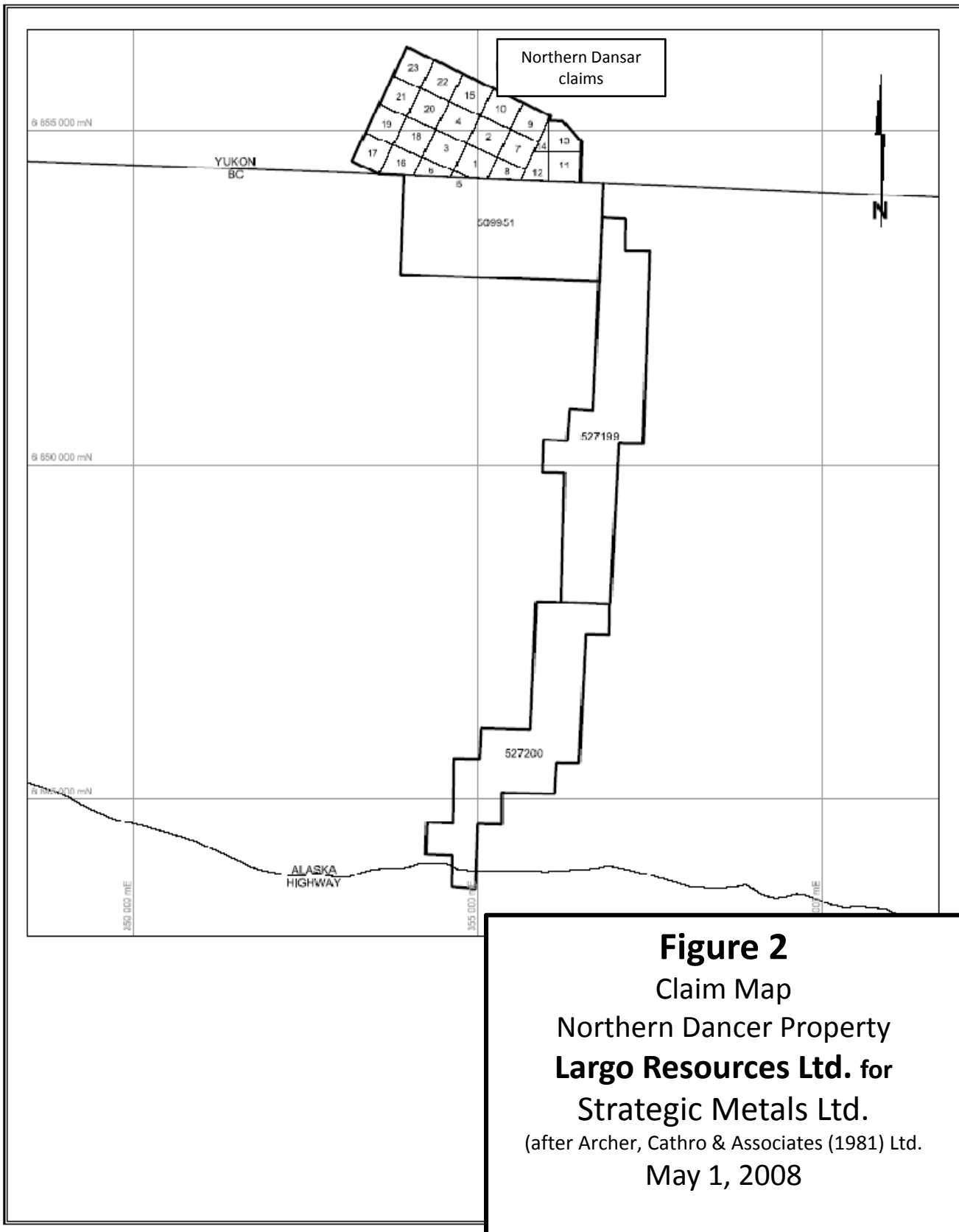
The Yukon claims are registered in the name of Archer, Cathro & Associates (1981) Limited that holds them in trust for Strategic Metals Ltd., in turn under option to Largo Resources. The claim block has not undergone a legal survey. Table 1 lists claim data, including expiry dates; Figure 2 illustrates the claim blocks.

Table 1: Claim Status, as of April 30, 2008**Northern Dancer Project, Largo Resources Ltd.**

Grant No's	Claim Names	Date Staked	Expiry Date*
YB91322 - YB91325	DANSAR 1-4	12/06/1998	12/03/2029
YB91394 - YB91395	DANSAR 5-6	14/07/1998	12/03/2029
YB91366 - YB91373	DANSAR 7-14	19/03/2001	12/03/2024
YB93507 - YB93515	DANSAR 15-23	21/09/2001	12/03/2024

* Expiry dates following submission of assessment report

The property hosts the Northern Dancer (nee Logtung) tungsten – molybdenum deposit. An upgraded NI-43-101 resource estimate, released on April 10, 2008, stated that the deposit contains an indicated resource of 140.8 million tonnes grading 0.10% WO₃ (tungsten tri-oxide) and 0.026% molybdenum (Mo), with an additional inferred resource of 253.2 million tonnes grading 0.10% WO₃ and 0.022% Mo (Largo news release Apr 10, 2008).



3.0 Access, Physiography and Climate

The Northern Dancer property straddles a north-northeast trending ridge separating the headwaters of West Logjam Creek, flowing to the southeast, from a tributary of Two Ladders Creek, unofficially known as “Marilyn Creek”, which flows to the northwest. The terrain is fairly steep, with some inaccessible areas particularly along the northwest side of the ridge, although most of the southeast facing side and lower elevations to the northwest at the headwaters of Marilyn Creek are accessible. Elevations within the Yukon property portion range from about 1,350 metres to roughly 1,750 metres towards the southwestern boundary. The ridgeline has an average height of about 1,600 metres. Stunted sub-alpine forest extends to about the 1,500 metre level along the southeast side; the rest of the property is covered by alpine tundra vegetation or is essentially unvegetated. The entire area has been glaciated.

The climate is sub-alpine, with abundant rainfall and snowfall, particularly by Yukon standards. The area is covered by snow from late September to early June; snowfall amounts typical exceed 2.0 metres by late March.

The property is accessible from about early June to late September by a 13-kilometre access road extending north from the Alaska Highway at Km 1176. The Alaska Highway is a major roadway linking Alaska and the Yukon with southern Canada. The access road is somewhat rough, and is intended for 4 x 4 vehicles, although it is usable by larger service vehicles. The road was upgraded somewhat in 2007, with the installation of culverts at all sizable stream crossings, and a clear-span bridge across West Logjam Creek about 1.5 km south of the Yukon-B.C. border. The 2007 camp was located just north of the border. The access road extends from this point to the deposit area, and extends across the ridge to the northwest side. The road is inaccessible until early June, with the northwest side inaccessible until late June unless plowed.

The property covers previous underground workings by Amax Potash Ltd, which excavated about 494 metres of underground workings. Tailings, sorted into several rows according to depth of excavations, are located along a flat area near the adit mouth. No visible acid mine drainage is emanating from the adit mouth, although a small amount of seepage of clear water does occur. No tailings areas occur on the property.

Flat areas within the property occur along both flanks of the ridge, although these are likely to be too small to host sizable mill and other infrastructure workings, and are certainly too small to host large tailings impoundments. The nearest electrical infrastructure is at the Village of Teslin about 75 kilometres to the west; however, this community obtains its power from an electrical grid based at Whitehorse. Electrical power is also available at Watson Lake, roughly 160 kilometres to the east. Neither source can currently supply adequate power for future mining operations. Water is fairly abundant within property boundaries, although no streams extend across the deposit itself, due to its location along a height of land. Some drill sites require water to be trucked, rather than pumped, to the site.

A limited work force is available in the Village of Teslin, population about 500. A much larger workforce, including skilled personnel, as well as complete service facilities, exists at Whitehorse, roughly 240 km west of the Northern Dancer site. Whitehorse has a major international airport, and is located along the Alaska Highway.

4.0 History

The following section is based largely on the January, 2007 assessment report authored by D. Eaton on 2006 activities by Strategic Metals and Largo Resources. Additional information is provided in a 1984 report by Noble, Spooner and Harris.

Exploration in the Northern Dancer area focused initially on lead-zinc-silver veining roughly 3 km to the northeast, within the present "Logjam" property. The Hudson Bay Exploration and Development Company Ltd conducted 2,070 metres of diamond drilling and 763 metres of underground workings from 1944 through 1967 (Noble, Spooner and Harris, 1984).

Exploration within the present property boundaries began in 1975, when Cordilleran Engineering, in service to the Bath Uranium Partnership, identified anomalous tungsten values from stream sediment sampling along West Logjam Creek. The following year Bath traced the anomalies to the now-delineated Northern Dancer deposit and staked a large claim block straddling the B.C.-Yukon border. Following preliminary prospecting, ownership of the property was transferred to Logjam Resources Ltd., which optioned it to Amax Potash Ltd in 1977. Between 1977 and 1981 Amax built the road to the property and conducted geological mapping, soil geochemistry, IP surveying, and completed 11,869 m of diamond drilling in 51 holes. Amax also excavated 496 metres of underground workings and, from this, obtained a bulk sample for metallurgical testing. Amax also released a resource estimate of 162 million tonnes grading 0.13% WO_3 and 0.052% MoS_2 (Noble, Spooner and Harris, 1984).

Although surface work was done on both sides of the border, only four holes totaling 474 m were collared on B.C. claims. Most of the drilling focused on the present deposit area about 300 metres north of the B.C.-Yukon (Eaton, 2007).

In 1983 Amax transferred its interest to Canamax Resources Inc. which then prepared a preliminary feasibility study that concluded the deposit was uneconomic. In 1984 airborne magnetic and electromagnetic surveys were conducted. Canamax dropped its option in 1986, allowing most of the Yukon and all of the B.C. claims to lapse (Eaton, 2007).

In 1993 NDU Resources Ltd. optioned the remaining claims for the bulk tonnage gold potential, modeled on the Fort Knox Deposit in Alaska (Eaton, 1994). That program consisted of soil geochemical surveying and prospecting on both sides of the border plus 234 metres of diamond drilling in two holes. Soil sampling outlined large areas of moderately to strongly anomalous tungsten, bismuth and gold values; however results from surface rock sampling and drilling were disappointing. The option was allowed to expire (Eaton, 2007).

In 1998 Nordac Resources Ltd. (renamed Strategic Metals Ltd. in 2001) restaked the deposit and performed additional prospecting and limited rock sampling, directed primarily toward beryllium potential. Strategic conducted a digital data compilation and performed more prospecting in 2001 (Eaton, 2002); prospecting and hand trenching in 2003 (Eaton, 2004); and excavator trenching and road construction in 2004 (Eaton, 2005).

Largo Resources Ltd. entered into its option agreement with Strategic Metals in February 2006. During the 2006 field season, Strategic Metals Ltd. conducted a 17 hole, 3,943.8 m diamond drill program, focusing on upgrading of the resource estimate to be in compliance with standards of National Instrument 43-101. Following this program, Largo released an updated resource estimate consisting of an inferred resource of 242.0 million tonnes grading 0.10% WO₃ and 0.047% MoS₂ (Largo News Release Apr 2, 2007).

5.0 Geology

5.1 Regional Geology

The Northern Dancer property is located within a thrust-fault bounded package of Carboniferous volcanic and sedimentary rocks of the Quesnellia terrane. The Quesnellia terrane, an adjoining package of Yukon –Tanana Terrane immediately to the southwest, and a package of Slide Mountain terrane just to the northeast, form part of a major sequence of accreted superterrane along the southwest side of the Tintina Fault about 110 km to the northeast. The northwest-southeast trending Tintina Fault separates the accreted terrane from the Ancient North American Continent, with a dextral displacement of about 450 km. Tectonic activity within the accreted terrane, as well as deformation, commenced during the early Mesozoic; accretion onto the ancient continent occurred during early Tertiary time.

More specifically, the Northern Dancer property is underlain by the Mississippian Klinkit assemblage, consisting primarily of mafic volcanic, epiclastic sediments, phyllites and quartzites, and carbonate lenses (Open files 3754, 2001-1, GSC), the latter two categories underlying much of the immediate area. Carbonate units are comprised largely of sandy limestones and dolomites, interbedded with graphitic argillites and phyllites (Noble et al, 1984); quartzites also comprise a major constituent.

The Carboniferous stratigraphy has undergone intrusion by two major suites of intrusive rocks. The earlier suite consists of diorites to ultramafic intrusions given a Jurassic age based on K-Ar age dating of comparable intrusions in the Jennings River area (Gabrielse, 1968 and Abbott, 1981), although diorite dykes in the area were given a Triassic age of 245 +/- 32 million years (Stewart, 1983). The younger intrusions have been categorized as belonging to the mid-Cretaceous Cassiar Suite, consisting primarily of porphyritic quartz monzonite to monzodioritic intrusions (Noble, et al, 1984) with an age range of 100 to 120 million years. This suite includes the Seagull Batholith about 10 km to the northeast, which straddles the boundary between Quesnellia and Slide Mountain terrane rocks.

5.2 Property Geology

The property is underlain by a moderately north dipping sequence of Mississippian Klinkit assemblage sedimentary rocks consisting mostly of limestone to silty limestone and calcareous shale interbedded with lesser argillite; as well as phyllites and quartzites, particularly underlying northeastern areas. The metamorphosed sedimentary rocks display a complex history of ductile deformation from early isoclinal folding to late stage open folding. These rocks have undergone thermal metamorphism resulting in well developed hornfelsing and bleaching of pelitic and clastic units, as well as calc-silicate metasomatism of calcareous units, resulting in light to dark green skarn development.

Two Jurassic dioritic stocks have intruded this sequence; one underlies the southwestern property area, just north of the Yukon-B.C. border; the other underlies the northeastern area. These stocks range from one to two kilometres in width and are up to four kilometres long. They are associated with satellite dykes, intercalated with hornfelsed phyllites and minor calcareous sediments along Marilyn Creek in the northeastern area.

A second intrusive event resulted in emplacement of the monzogranite stock with associated pegmatitic dykes and sills, and forming the centre of a roughly 2.5 km by 1.5 km intrusive complex. Earlier workers gave a “preliminary Rb/Sr date” of 118 +/- 2 my (Noble, et al, 1984). More recent work by A. Brand et al of the University of British Columbia (UBC) provided age determinations of 109.4 +/- 0.9 Ma to 110.5 +/- 0.8 Ma (A. Brand and L. Groat et al, 2008; in progress). Although the monzogranite stock occurs outside of the deposit, beryllium and tungsten-rich veins appear to be associated with it; these extend into areas directly northwest of the deposit.

An irregularly shaped felsic porphyry dyke complex to the northeast forms the core area of the deposit. This event appears to be slightly younger than the monzogranite stock; however evidence exists to suggest that the dykes are comagmatic with it. The dyke complex shows abundant strong silicification, resulting in a banded silica fabric known as “brain rock”. Small felsic porphyry dykes of this complex occur along Marilyn Creek roughly 600 metres north of the deposit.

All units are cut by northeast striking, steeply dipping faults that are readily visible on air photos as recessive lineaments. Where exposed these structures are 5 to 20 metres wide and contain sheeted white quartz veins from 1 cm to 30 cm wide, surrounded by weakly clay-altered wallrock with abundant quartz stringers. Slickensides are rare and offsets on the faults appear to be small (Eaton, 2007).

The local geology of Northern Dancer is presented in Table 2.

Table 2 Main geological units in the vicinity of the Northern Dancer Project

Period	Geological code	Details
Recent	overburden	glacial till
	EEqfp	quartz feldspar porphyry
Cretaceous	EKg	biotite granite, granodiorite, leucogranite, monzonite, and alaskite
	EJg	un-foliated k-feldspar porphyritic granodiorite
Jurassic	EJd	hornblende diorite and quartz diorite
	EJum	ultramafic rocks including gabbro, serpentinite, and dunite
Lower Carboniferous	LCs	quartz-plagioclase grit, metasandstone, phyllite, argillite, quartzite, and limestone rocks

6.0 Deposit Types

The Northern Dancer deposit can be classified as a porphyry target. This deposit type consists of bulk-tonnage-style mineralization, most typically copper-molybdenum +/- gold, related to a feldspar porphyritic intrusive stock. Core areas consist of intrusive-hosted disseminated copper sulphides, largely chalcopyrite, commonly with accessory gold. Outbound from the stock, mineralization becomes progressively associated with quartz vein, stringer and stockwork infilling of fracture and breccia zones resulting from intrusion emplacement. Disseminated auriferous sulphide deposits are, however, also common in proximal country rock. A barren “pyrite halo” commonly occurs outside of the core mineralized area. Farther outbound from the central stock, a progression through lead-zinc-silver veins, bonanza veins and epithermal veins typifies many porphyry systems, with potential for distal skarn and replacement mineralization in areas where hydrothermal fluids encounter reactive calcareous country rock.

Mineralization most typically consists of copper-molybdenum +/- gold, although tungsten-molybdenum porphyry systems are known. Characteristics supporting the porphyry model system include the deposit size, multiple episodes of vein-hosted mineralization within the deposit itself (typical of outlying areas of core deposits), and the “Logjam” lead-zinc-silver vein prospects about 3 km to the northeast, representing the outbound base metal vein zones.

Vein-hosted mineralization is also a major setting at the Northern Dancer deposit. In this setting, mineralization is vein-hosted, although the vein setting may vary from single (or a few) large metre-scale veins to a network of fine centimeter-scale or smaller sheeted or stockwork veins. At the Northern Dancer stock, much of the actual scheelite and molybdenite is hosted by one of several episodes of veining, much of it sheeted. This is not unlike a “Fort Knox”-style model, where cooling and contraction of the solidified magmatic intrusion resulted in parallel narrow jointing across large peripheral portions. Late metal-enriched hydrothermal fluids infill the joints, creating sheeted veins; the vast majority of economic mineralization is concentrated within these veins. However, incorporation of very low-grade wall rock results in bulk-tonnage, low grade deposits. Indeed, this was used as the target model for the 1993 exploration program.

Although the overall mineralizing system suggests a “porphyry deposit” model, much of the deposit occurs within calcareous sediments that have undergone “skarnification”. In this setting, mineralized hydrothermal or hydromagmatic fluids, comprised largely of superheated acidic water containing metal ions and other impurities, move outbound from a core intrusion. These fluids enter reactive host stratigraphy, in this case the silty limestones and calcareous clastic rocks, initially creating permeability through “decalcification”, followed by emplacement of metal sulphides and oxides from later-staged metal-rich fluids. In this process, known as metasomatism, reactive fluids produce a new mineral assemblage from the reaction between silica in the fluids with calcareous minerals in the host rock, producing “calc-silicate” minerals. These minerals, mainly amphiboles and pyroxenes, give the host rocks a light greenish colouration. Although 95% of the economic mineralization at Northern Dancer is directly vein-hosted, a large proportion of these vein sets occurs within skarn-altered sediments, with minor economic mineralization in alteration halos surrounding vein sets, and as impregnations.

7.0 Mineralization

The Northern Dancer deposit forms a kidney-shaped zone centered on a porphyritic quartz monzonite dyke system north of the Yukon – BC border, roughly 500 metres outbound of the Cretaceous quartz monzogranite stock. The zone extends north-northeast from the earlier Jurassic diorite stock a distance of roughly 1,200 metres, somewhat beyond the limits of the porphyry dyke system. Earlier workers stated the porphyritic dykes are Cretaceous, and thus coeval with the stock (Noble, et al, 1984) confirmed by recent findings by A. Brand and L. Groat (Section 5.2); both estimates indicate the dykes and stocks are comagmatic. The mean grades from drilling of the stock stand at 0.03% WO_3 and 0.03% Mo. This strongly suggests the stock is the source of W-Mo mineralization, hydrothermally transported from it into the porphyry dyke system and adjacent reactive sediments (Noble et al, 1984).

Mineralization is hosted largely by the multi-episodic vein system crosscutting the stock and calc-silicate-altered calcareous units. Much of the veining comprises a sheeted vein system, oriented at about $020^{\circ}E$, and dipping steeply southward. Veins are largely of centimeter to sub-centimetre scale, although thicker veins in the 5-10-cm range are common, particularly within the Jurassic diorite stock in southwestern areas. One vein averaging about 30 cm in thickness

extends north-northeast for several hundred meters from the diorite stock north-northeast into the calcareous sediments.

At least four major episodes of veining, caused by repeated pulses of hydrothermal fluid emplacement following fracturing of the host stratigraphy, have been identified and are described in Table 2. Briefly, three major minerals are the subjects of study at this deposit: scheelite (CaWO_4), powellite – molybdo-scheelite (CaMoO_4 to $\text{Ca}(\text{Mo}/\text{W})\text{O}_4$) and molybdenite (MoS_2). Scheelite and powellite form end-members of a solid solution series of tungstate minerals between tungsten and molybdenum respectively, with molybdo-scheelite representing intermediate compositions. The mineralogical setting is noteworthy, as it is a combination of tungstates and sulphides. The earliest vein set consists primarily of quartz and molybdo-scheelite, followed by a second vein set, coeval with the porphyritic dykes, consisting of quartz – pyrite and scheelite. The third set consists of quartz-molybdenite veining, followed by a fourth set of polymetallic veins, commonly sheeted, consisting of quartz-scheelite-molybdenite +/- minor galena, sphalerite and chalcopyrite. Most of the wider, sheeted veins are Type 4 veins, particularly within the Jurassic diorite.

TABLE 3 - Summary of Vein Mineralogy- Northern Dancer Deposit
(WR= wallrock, c.s.=calc-silicate)

Mineralogy	Type 1	Type 2	Type 3	Type 4
Ore Minerals				
molybdo-scheelite	Yes	Yes		
scheelite		dominant	Yes + rimmed by Mo (+ minor WR)	Yes + (porph) WR
molybdenite		sparse	Yes (along walls, rimming Sch, WR)	Yes + (porph) WR
Sulphides				
Pyrite	Yes	Grains/aggreg + WRock	Yes on walls, WR	Yes
Pyrrhotite	Yes		In felsite	Yes + WR (seds)
chalcopyrite	Yes	accessory	Yes + on walls	Yes + WR (seds)
Sphalerite		accessory	Access, in felsite	Yes + WR (seds)
bismuthianite				Yes
other				Marcasite, galena
Silicates				
Diopside	Yes	accessory	Yes (in c.s.)	WR (seds)
garnet	Yes	accessory	Yes (in c.s.)	
feldspars	accessory	Yes, orthocl accessory	In felsite, access	Yes
beryl				Yes

hornblende		Yes + WR		WR (seds)
epidote	accessory	Yes	Yes (in metaseds)	Accessory
clinozoisite			Yes (in metaseds)	
<u>Halides/ Carbonates</u>				
fluorite	accessory	anhedral	Yes	Yes
calcite		Yes, accessory	Yes (in c.s.)	WR (seds)
<u>Micas/ Phyllosilicates</u>				
biotite	accessory	accessory		Yes + WR (seds)
chlorite	accessory	Yes + WR	Yes (in c.s.)	Accessory
sericite		Yes	Musc, access	Musc WR
<u>Oxides</u>				
rutile			Access in felsite	
<u>Wallrock Alteration</u>	Poorly developed	2 haloes: Inner: qz+chl Outer: hb+py (sometimes only outer is present)	Sericite in felsites (minor Mo, Sch, py)	In seds: intense, Mo+cpy on vein walls; inner: qz- bio-sulf; outer: dk grn hbl-qz-cc-di. In porphyry: sericite n+/- Mo, Sch
<u>Distribution</u>	Best developed on north flank monzogran, up to 1.5 km from W flank	70m wide stockwork annulus around felsites (dom. Within 20m)	Restricted to stockwork in felsites, locally in country rock up to 5m from felsites contact	Extend lat + vert beyond deposit limit, fracture system 046° – 088°
<u>Geometry</u>	Thin, about 0.5 – 4.0 mm	Thin, 1-2mm wide, promin alt haloes	Fracture (0.1 mm) to vein (avg 1-3 mm)	1 cm to 1 m
<u>Style</u>	random, 3D stockwork, 'crackle breccia'	random, typical stockwork, can become sheeted near felsite contact	felsite crosscut by random veins, can be sheeted (only random in metased)	sheeted, 1 per 2- 5m
Paragenesis	earliest, coeval w/ monzogran.	coeval with felsite, crosscut by {3}	coeval with felsite, crosscuts {2}	latest stage, cuts {1},{2},{3}

* after Eaton, 2007

In addition, barren quartz veining and minor carbonate veining occurs as separate pulses.

Part of the focus of exploration by Amax, included its prefeasibility study, was the identification of mineralogical settings within the Northern Dancer deposit, resulting in the following conclusions (Eaton, 2007, after Canamax, 1983):

1) Although the porphyry dykes are enriched in molybdenum relative to the wallrock, they are relatively depleted in tungsten. This relationship is demonstrated for samples taken from pre-2006 drill holes and the decline on Tables 3 and 4, respectively.

2) The steeply dipping, northeasterly striking, sheeted veins are a major control on WO_3 grade but do not appear to have influenced distribution of MoS_2 .

Table 4: Grade Distribution by Rock Type in Pre-2006 Drill Samples*

Rock Type	Avg. WO_3 (%)	Avg MoS_2 (%)	WO_3 : MoS_2
Wall Rock	0.10	0.041	2.5: 1
Porphyry Complex	0.06	0.080	0.8: 1

Table 5: Grade Distribution by Rock Type in Decline Samples*

Rock Type	Avg. WO_3 (%)	Avg MoS_2 (%)	WO_3 : MoS_2
Skarn	0.108	0.036	3.00: 1
Porphyry Complex	0.066	0.046	1.44: 1

*From Eaton, 2007 after Amax, 1983

These relationships were substantiated by detailed core logging and analytical results in 2007.

An updated resource estimate on the Northern Dancer deposit was released in April 2008. This consists of an indicated resource of 140.8 million tonnes grading 0.10% WO_3 and 0.026% Mo, and an additional inferred resource of 253.2 million tonnes grading 0.10% WO_3 and 0.022% Mo, using a cut-off grade of 0.06% WO_3 (Largo News Release Apr 10, 2008), a substantial increase from the 2007 resource estimate. Higher-grade zones of tungsten and molybdenum respectively were also identified: one consists of an indicated resource of 17.1 million tonnes grading 0.17% WO_3 and 0.030% Mo and an additional inferred resource of 18.7 million tonnes grading 0.16% WO_3 and 0.023% Mo at a cut-off grade of 0.14% WO_3 . This area is about 1,200 metres long (open to the southwest), 50 metres wide, and extends from surface to about 350 metres of depth, where it remains open at depth. The other zone consists of an indicated resource of 27.6 million tonnes grading 0.048% Mo at a cutoff grade of 0.024% Mo. Some overlap of these two zones occurs.

8.0 Work Program

8.1 Work Program

The 2007 program consisted primarily of a diamond drilling program of 8,494 metres of NQ and NTW core in 26 holes. All but one hole focused on upgrading of the resource estimate and resource categories of the Northern Dancer deposit (Section 7.0, Mineralization). The single exploration-style hole targeted a prospect identified in 2007, called the Marilyn Creek occurrence, centered on skarn-style molybdo-scheelite and scheelite adjacent to small porphyritic felsic dykes. Largo Resources, with technical services provided by Wardrop Engineering Inc. also drilled one “geotech” hole, consisting of directional drilling, for the purposes of determine the structural setting of the deposit. Details of drilling program results are listed in Section 9.0, “Drilling”.

Largo enlisted the services of Mesh Environmental Inc. which performed preliminary testing of “acid rock drainage” (ARD) through stream sampling along the southeastern basal area of the deposit, including seepage from the adit mouth. “ARD” testing also included selection of various lithologies and mineralogical settings of core obtained in 2007, to test for potential acid generating characteristics of these settings. Largo also enlisted the services of Snowden Mining Services for a preliminary analysis of potential milling, processing and tailings facilities in the vicinity of the deposit. Also, Challenger Geomatics Ltd. conducted differential “GPS” surveying of drill collars, towards establishment of an upgraded resource estimate.

Detailed geological mapping was performed on the northwest side of the ridge bisecting the property, as well as areas slightly to the northwest, leading to identification of the Marilyn Creek occurrence. A total of 22 rock samples were also taken, including 6 outcrop samples directly from the occurrence and 4 from an area of past trenching (dates unknown) near the headwaters of the creek (Appendix 3). Anomalous tungsten and molybdenum values ranging from <0.005 to 0.214% W and 22.4 to 157.2 ppm Mo were returned from these. Three of these were chip samples, returning lower values than grab samples, the best being 0.049% W with 86.7 ppm Mo across 0.8 metres.

Weakly anomalous molybdenum values were returned from the area of past trenching; tungsten values were background except for one 0.8-metre chip sample returning 0.008% W.

Minor massive galena-sphalerite veining was identified at two locations; one about 150 metres east of the main deposit, returning values of up to 304 ppb gold and in excess of 100 gpt silver; the other along a stream west of the dioritic stock which returned 7,390 ppb (7.39 gpt) gold with > 100 gpt silver. Both occurrences are less than 0.15 metres in width and a few metres in length and are not significant targets. Minor quartz-arsenopyrite veining returning gold values to 6,149 ppb (6.149 gpt) occurs about 600 metres east of the deposit, slightly north of the northeast property boundary.

8.2 Personnel

All-Terrane Mineral Exploration Services managed camp construction, on-site operations and de-mobilization, as well as post-season core logging and sampling, under direction of Mr. Farshid Ghazanfari, Project Geologist for the Northern Dancer project, and Mr. Robert (Andy) Campbell, Qualified Person for the project. The following personnel were employed by or sub-contracted to All-Terrane Services:

Carl Schulze, BSc, PGeo:	Senior Consultant and On-site Manager
Lorie Poulton-Farrell:	Senior Field Geologist
Parviz Rajaei:	Field Geologist
Darwin Wreggitt:	Senior Technician
Paul Reikie:	Camp manager
Craig Tervit:	Technician
Emily Hambleton:	Technician
Patricio Dagnino:	Technician
Jack Smarch:	Technician
Jonathan Pratt:	Technician
Randy Douville:	Technician
Andrew Tervit:	Technician
Marcel Pelletier:	Camp maintenance technician
Joe Jackson:	Camp maintenance technician
Patrick Farrell:	Lead Cook
Janet (Janbro) Brault:	Cook
Leyna Rushant:	Substitute cook
Lawrence Nadrofsky:	Assistant cook

Diamond drilling services were provided by Kluane Drilling Ltd of Whitehorse, Yukon and E. Caron Diamond Drilling Ltd., of Whitehorse. Kluane also supplied road some road maintenance personnel and an assistant cook. Core and surface rock sample analysis was performed by Acme Analytical Laboratories of Vancouver, B.C. Major road maintenance and bridge construction was supplied by Deadman Creek Enterprises of Teslin, Yukon. Most grocery services and some expediting services were provided by the Nisutlin Trading Post of Teslin; some other expediting was provided by Small's Expediting Services of Whitehorse.

Engineering services through Snowden Mining Services were managed by Michael Vint, Senior Consulting. "ARD" testing through Mesh Environmental Inc. was managed by Peri Mehling. Analysis of core for the geotechnical "directional drilling" was managed by Aleem Ladak of Wardrop Engineering Ltd.

9.0 Diamond Drilling

The 2007 program consisted of 8,494 metres of NQ and NTW core in 26 holes. Holes LT07-71, 72, 74, 78 and 81, consisting of 1,377 metres of NQ core were drilled by E. Caron Drilling Ltd;

the balance, consisting of 7,117 metres of NTW core in 21 holes was drilled by Kluane Drilling Ltd. Table 6 lists the drill collar data; Table 7 lists significant intercepts from the 2007 program.

Table 6: Drill Collar Data, 2007 program, Northern Dancer Project
(UTM Datum: NAD 83)

Hole Number	Northing	Easting	Elevation	Azimuth	Dip
	NAD 83	NAD 83	(m)		
LT07-71	6,654,824	354,688	1,643	315	-45
LT07-72	6,654,789	354,653	1,657	315	-45
LT07-73	6,654,974	354,603	1,517	135	-50
LT07-74	6,654,586	354,500	1,721	315	-45
LT07-75	6,654,912	354,507	1,554	135	-45
LT07-76	6,655,136	354,613	1,450	140	-45
LT07-77	6,655,513	354,671	1,423	135	-50
LT07-78	6,654,742	354,294	1,696	143	-50
LT07-79	6,655,379	354,564	1,414	135	-45
LT07-80	6,655,278	354,603	1,429	140	-45
LT07-81	6,654,719	354,647	1,652	295	-55
LT07-82	6,655,231	354,555	1,431	140	-50
LT07-83	6,655,263	354,902	1,524	140	-50
LT07-84	6,654,898	355,243	1,474	325	-50
LT07-85	6,655,234	354,809	1,474	130	-45
LT07-86	6,654,739	354,839	1,551	150	-50
LT07-87	6,654,788	354,870	1,546	200	-65
LT07-88	6,655,276	354,709	1,453	138	-55
LT07-89	6,655,254	354,727	1,460	138	-60
LT07-90	6,654,680	354,870	1,532	132	-50
LT07-91	6,654,800	355,110	1,502	327	-45
LT07-92	6,654,566	354,727	1,564	310	-45
LT07-93	6,655,586	354,584	1,394	330	-45
LT07-94	6,655,095	355,198	1,554	45	-70
LT07-95	6,654,847	355,170	1,486	320	-45
LT07-96	6,654,814	354,971	1,527	311	-54

Table 7: Significant Intercepts, 2007 Diamond Drilling Program, Northern Dancer Project

Hole Number	From	To	WO₃ %	Mo %	Interval* (metres)
LT07-71	47.70	92.10	0.10	0.01	44.40
and	153.90	196.20	0.10	0.01	42.30
and	212.00	222.00	0.15	0.05	10.00
including	253.60	322.00	0.09	0.02	68.40
LT07-82	198.00	218.00	0.11	0.01	20.00
and	238.00	333.00	0.12	0.02	95.00
and	374.00	433.30	0.12	0.02	59.30
LT07-84	0.00	29.00	0.09	0.02	29.00
and	102.00	121.70	0.12	0.04	19.70
and	180.00	222.00	0.13	0.05	42.00
LT07-85	26.70	65.90	0.12	0.02	39.20
and	97.00	113.10	0.23	0.02	16.10
and	223.90	246.00	0.11	0.04	22.10
and	291.40	379.90	0.15	0.05	88.50
LT07-86	3.00	34.00	0.11	0.02	31.00
and	67.00	107.50	0.11	0.02	40.50
and	178.00	210.80	0.09	0.02	32.80
LT07-87	77.00	107.00	0.12	0.03	30.00
and	119.00	170.00	0.12	0.03	51.00
and	183.00	230.50	0.14	0.02	47.50
LT07-89	9.10	29.00	0.10	0.01	19.90
and	112.00	156.50	0.16	0.03	44.50
and	191.00	243.00	0.26	0.18	52.00
and	280.00	331.00	0.14	0.02	51.00
and	339.60	384.40	0.14	0.02	44.80
LT07-92	277.00	293.00	0.14	0.05	16.00
and	323.00	438.00	0.11	0.03	155.00
LT07-95	0.00	164.00	0.14	0.03	164.00
including	132.00	158.00	0.24	0.04	26.00
LT07-96	24.00	48.20	0.13	0.02	24.20
and	80.00	98.90	0.10	0.02	18.90
and	137.80	387.80	0.11	0.05	250.00
including	137.80	179.10	0.16	0.03	41.30
including	231.10	276.00	0.14	0.05	44.90
including	319.50	379.30	0.15	0.04	59.80

Table 7 (cont'd)

Hole Number	From	To	WO₃ %	Mo %	Interval (metres)
LT07-72	192.30	245.00	0.12	0.02	53.00
including	232.00	245.00	0.23	0.03	13.00
LT07-75	3.05	440.90	0.10	0.03	437.85
including	11.00	78.60	0.17	0.03	67.60
including	169.20	193.00	0.29	0.03	23.80
LT07-76	1.50	388.60	0.13	0.03	387.10
including	99.00	180.10	0.16	0.05	81.10
including	317.00	373.00	0.19	0.03	56.00
LT07-77	128.80	187.60	0.10	0.02	57.80
and	370.00	384.60	0.31	0.05	14.60
LT07-73	0.00	339.90	0.15	0.03	339.90
including	9.60	22.90	0.20	0.02	13.30
including	99.00	162.00	0.18	0.03	63.00
including	234.40	288.00	0.32	0.02	53.60
LT07-74	176.00	202.20	0.08	0.01	26.20
and	248.00	266.00	0.09	0.03	18.00
LT07-78	75.00	139.00	0.12	0.02	64.00
including	93.00	108.00	0.17	0.02	15.00
LT07-79	211.00	252.00	0.14	0.02	41.00
and	327.00	371.00	0.22	0.04	44.00
and	405.00	473.80	0.10	0.15	68.80
LT07-80	55.10	143.40	0.10	0.02	88.30
and	280.60	366.00	0.11	0.07	85.40
and	369.80	401.50	0.10	0.03	41.70
LT07-83	8.00	75.70	0.11	0.02	67.70
and	350.00	393.20	0.14	0.03	43.20
LT07-90	80.70	149.40	0.13	0.03	58.70
LT07-91	0.00	238.00	0.10	0.03	238.00
including	35.00	100.00	0.14	0.03	65.00

Intercepts reasonably approximate or slightly exceed true widths. Holes targeting the steeply dipping deposit were drilled at shallow dips to minimize deviations from true widths. All holes shown above targeted the Northern Dancer deposit, in an effort to upgrade the resource estimate categories, as well as to delineate the dimensions of the deposit.

10.0 Sampling Method and Approach

10.1 Surface Rock Sampling Procedures

All geochemical sampling was subject to rigorous parameters, including detailed descriptions of each sample. Rock samples were obtained using an Estwing rock hammer, and located in the field using a non-differential Global Positioning System (GPS) instrument. Samples were placed in plastic bags designed specifically for rock sampling. A tag with the unique sample number, supplied by Acme Analytical Laboratories Ltd, was placed in the bag; the sample number was written on both outsides of the bag using “Magic Markers”. The sample numbers were also written on Tyvex Tags using grease pencils; the tags were attached to the sample locations in the field.

Rock samples were recorded as to location (UTM - NAD 83), sample type (grab, composite grab, chip, etc), exposure type (outcrop, rubblecrop, float, etc.), formation, lithology, modifier (for textural or structural descriptions), colour, degrees of carbonate presence and silicification, other alteration if applicable, economic mineralization including estimated amounts, date, sampler and comments. Minimum sample weight was 0.5 kg, although samples tend to be larger than this.

Field data was entered into Microsoft Excel spreadsheet format, and later matched with analytical results. This process was continually re-checked to ensure correct results are associated with descriptions.

An effort was made to obtain chip samples when possible, particularly at outcrop locations along Marilyn Creek. Chip samples provide the best representation of true grades over width, with progressively poorer reliability provided by composite grab and grab samples, which can introduce a bias through selective “high grading” of the most visually promising examples of an occurrence. Outcrop samples also provide a better representation of true grades; talus and float samples were taken only where outcrop samples were unavailable. It is this author’s opinion that grades obtained from chip sampling reasonably represent true grades.

10.2 Drill Core Sampling Procedures

The core was delivered at the end of each shift to logging facilities at the camp. All boxes were laid out in order and photographed, including descriptions of hole ID, box numbers and meterages, prior to any measurements or sample layouts.

All core was cut using an electrically powered rock saw, to ensure equal halving of samples. No unsplit portions were allowed to be shipped, guaranteeing availability of core for re-sampling, if necessary. Detailed and accurate records of sample lengths were retained, as were records of box intervals. Core recoveries were noted for all intervals, as well as “RQD” measurements. The vast majority of recoveries per each 5’ (1.5m) drill rod exceeded 90% throughout the drilled program.

Samples were taken at regular intervals, most commonly 1.5 or 2.0 metres, due to relative uniformity of mineralization. Individual sample lengths were also determined by changes in lithology, alteration, structural zones such as faults, or amount of quartz veining; thus not all sample lengths are identical. All sample intervals were laid out prior to sampling, with sample numbers marked with small wooden blocks, and intervals carefully documented. A tag with a specific identification number supplied by Acme Analytical for each sample taken was stapled into the core tray within the respective sample interval.

The cutting area of the saw was thoroughly cleaned after completion of each sample, including the groove underlying the saw blade. The splitting area, including tables and floors, was swept clean at the end of each day.

The 2007 quality control protocol consisted of emplacement of a duplicate sample immediately followed by a “standard” and then by a blank sample, after every 30 core samples, ensuring one type of quality control sample was placed in each sample batch of 33 samples. Two sets of standards were used; one of known tungsten values, the other of known molybdenum values. The 2007 blanks were taken from bags of dolomitic sand to ensure uniformity of blank values.

All sample intervals and associated tungsten and molybdenum values were tabulated in “Excel” spreadsheet format. Weighted averages of tungsten (WO_3) and molybdenum (Mo) were taken of all mineralized intervals.

No inherent bias during core sampling is likely to have occurred, as all core was sawn into equal halved portions, with the same “side” of each sawn piece placed into the respective sample bag. Rigorous quality-assurance procedures (Sec. 11.2) would eliminate contamination-based biases.

11.0 Sample Preparation, Analysis and Security

11.1 Surface Sample Preparation

All rock samples were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated “Zap Straps” and sent in a similarly sealed rice bag to Acme Analytical Laboratories Inc. an analytical lab with ISO 9001:2000 accreditation based in Vancouver, B.C. Sealed rice bags were personally handed to the courier, Byers Transportation Systems Inc, here rice bags were placed on pallets, covered with “shrink-wrap” plastic, shipped by truck and delivered directly to the lab. All rock samples were crushed to ensure that a minimum of 70% of the material was less than 2.0 mm in size; this material was thoroughly mixed. From this, a 250g sample was pulverized to 150 mesh size; then a 0.5-gram sample underwent phosphorous acid leach ICP-ES analysis for Mo and W in percent amounts, and also for 1:1:1 Aqua Regia Digestion, followed by 36-element ICP-MS analysis. This provided analysis for Mo and W in parts per million (ppm) as well as for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, Hg, Sc, Tl, S, Ga, and Se.

11.2 Core Sample Preparation

All core samples were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated “Zap Straps” and sent by Byers Transportation in similarly sealed rice bags to Acme Analytical.

All rock samples were crushed to ensure that a minimum of 70% of the material was less than 2.0 mm in size; this material was thoroughly mixed. From this, a 250g sample was pulverized to 150 mesh size; then a 0.5-gram sample underwent phosphoric acid leach, ICP-ES analysis for percent amounts of Mo and W.

Some sample batches also underwent 1:1:1 Aqua Regia Digestion, followed by 36-element ICP-MS analysis. This provided analysis for Mo and W in parts per million (ppm); these elements were also analyzed by phosphorous acid leach ICP-ES analysis. The ICP-MS method also included analysis for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, Hg, Sc, Tl, S, Ga, and Se. All samples in these batches also underwent analysis by NaOH Fusion for fluorine.

Acme Analytical provides comprehensive in-house quality-control, using numerous standards and blanks to test for any potential contamination. Additional standards were placed by Largo into the drill core sample stream (section 10.1).

This author feels that both the Quality Assurance (“QA”) procedures, focusing on rigorous cleaning of sampling gear and supplies to prevent contamination, and Quality Control (“QC”) procedures employed by Largo and by Acme Analytical are sufficient to ensure that results returned are representative of true values within the mineralized horizons intersected by drilling. All core from this program was sampled.

12.0 Data Verification

Sections 12.1 through 12.3 were supplied by Mr. Farshid Ghazanfari, from the 2007 NI 43-101 report (in progress) on the Northern Dancer property.

12.1 Verification of historical records

Most historical exploration data presented in this report, including all drilling data used for historical resource estimations, was collected by a reputable engineering firm on behalf of a major molybdenum producer. The results are mostly recorded in reports that were accepted for assessment credit to standards specified at the time by the Yukon Quartz Mining Act or the British Columbia Ministry of Energy and Mines regulations, which differ from those currently prescribed by NI 43-101. In addition, these assessment reports were submitted prior to current

requirements for complete data records, including certificates of analysis and other documentation that would permit the author to verify the accuracy and internal consistency of all results presented.

Largo has access to raw data generated by Archer Cathro on behalf of its various clients since 1993. Largo is of the opinion that the data contained in the historical reports appears to be valid and reliable.

Largo undertook the following validation checks:

- Where available, re-examination of original analytical certificates and geological drillhole logs was done.
- The range of values reported from various programs conducted on the Northern Dancer property were compared for internal consistency and also compared to results reported from other known tungsten, molybdenum, and beryllium prospects.

The verification procedures undertaken in connection with this assignment are intended to assess whether inadvertent errors may have occurred through sample handling and analytical procedures.

12.2 Twin drillhole drilling verification by Largo, 2006

To verify the accuracy of historic drilling, eight new holes were drilled alongside historic drill holes, with similar dips, azimuths, and depths. Two drill holes from each year of the historic drill program (1977, 1978, 1979, and 1980) were twinned; these were distributed across the property.

The inherent geological variability (nugget effect) and differences in analytical methods, core size, recovery and diversion of drill holes, all of which influence the comparison of different generations of drill hole data, have been taken into consideration as part of the interpretation of the results of twinned drill holes presented in this report.

Overall, the results of analysis of the twinned drill holes indicate that the recent quality drilling (2006 campaign) confirm the grades reported in the historic drill holes, taking inherent geological variability between drill holes, different generations of drilling techniques, assay methods, and laboratory conditions and sample support into account. Consequently Snowden considers that the historic data are of sufficient quality that they can be used in the generation of a Scoping Study level Mineral Resource estimate.

There is, however, evidence that the historic analytical techniques may have been over-estimating tungsten (and therefore WO₃) grades, but there is insufficient information available at this stage to confirm this. Three out of eight twin drill holes showed elevated tungsten grades in parts of, or throughout the drill hole, the other five were generally comparable. It is recommended that a set of samples, representative of low, medium, and high grade mineralisation be collected where possible from the stored core of the twin drill holes. The remaining half-core samples from the selected intervals should be submitted, along with field standards and blanks, to Acme Laboratories for the same sample preparation and analysis as is being conducted for the current samples. In the event that no historic core is available for re-

assay, it is recommended that additional historic drill holes be twinned to provide more information as to the potential tungsten bias.

Snowden considers that the historic data is of sufficient quality that it can be used in the generation of a Scoping Study-level Mineral Resource estimate.

12.3 Verification by Snowden

Snowden's Dr. Board visited Largo's Northern Dancer property in Yukon, Canada from July 5-7, 2006. At the time of Dr. Board's visit there was an active diamond drilling program in progress. Snowden reviewed the following details:

- mineralisation styles
- drill hole locations
- drilling technique and core extraction
- downhole surveying
- core recovery
- geotechnical logging procedures
- geological logging procedures
- density measurements
- field QAQC sampling

All were found to be of industry standard and of suitable quality for Mineral Resource estimation. Snowden is of the consideration that the data used by Largo for the Mineral Resource estimates is reliable.

12.4 Specific Gravity Sampling, 2007

The 2007 program also involved the inclusion of about 230 "specific gravity" samples, selected from all major lithological settings. The number of samples taken of each lithology is proportional to the percentage of the total deposit comprised by the specific lithology. The specific gravity measurements are used to determine the mass of the zones, and thus the tonnage of the overall deposit.

Samples of "halved" sawn core averaging 15 – 20 cm in length were taken at roughly 20-metre intervals. These were sent to EcoTech Laboratories, underwent paraffin coating to prevent water seepage during tested, and weighed compared to the weight of water. Higher values represent greater densities, and thus higher overall tonnage.

13.0 Interpretation and Conclusions

The following sections, from Interpretation through Recommendations, including, were based on in-house documents provided by Mr. Farshid Ghazanfari, project geologist for the Northern Dancer project. Conclusions were selected from interpretations by this author.

13.1 Interpretation

The 2007 drilling program had three main goals: to upgrade much of the deposit to the indicated resource category, to outline a “grade shell” around steeply sheeted (Type 4) veins, and to delineate a zone of higher grade tungsten. With the exception of Hole LT06-94, drilled as a geotechnical hole and not sampled, all 2007 holes returned significant tungsten and/or molybdenum values.

The drilling program confirmed the presence and attitude of northeast-trending, steeply dipping, tungsten-rich sheeted veins (Type 4 veins). Holes previously drilled by Amax commonly intersected these steep veins at highly oblique angles. The 2007 holes were drilled at shallow angles, as close to -45° degrees as possible, resulting in intercepts more closely approximating true widths returning more reliable results, especially from holes along both flanks of the main ridge. Several occurrences of weaker Type 4 veining orthogonal to the dominant Type 3 vein orientation indicate local weak stockwork geometry for this vein type.

Some of the shallow-angle 2006 and 2007 drill holes intersected the Type 4 veins at shallower depths, indicating Amax’s interpretation that tungsten grades increase with depth should be revisited. Potential for higher grade mineralization closer to surface should be tested by more shallow-angle drilling. Several holes ended in Type 4 vein mineralization, due to depth constraints imposed by the drill rigs used.

Drilling in 2007 also identified a new mineralized domain for the Northern Dancer deposit. Several higher grade intercepts were returned from the diorite stock comprising the southwestern portion of the deposit. This confirms geochemical tungsten anomalies identified from surface work by Archer Cathro & Associates in 2002. Mineralization in this stock occurs within a corridor controlled by sheeted vein structures, including a potential major fault zone.

The 2007 exploration program also indicated that mineral abundances and separate vein structures numerically logged in the database may be used to conduct 3-D mapping of the deposit and may be incorporated into future block modelling.

Other geological observations made during the 2007 drilling program include:

The type of host rock affects the vein mineralogy and alteration envelopes, which vary along strike as veins crosscut different host rocks.

The type of host rock also affects mineralogy, grain size and distribution of stockwork mineralization. For example, lower grades of molybdo-scheelite and molybdenite occur in the diorite stock, where Type 2 and 3 veins are essentially absent. The skarn setting is the only one to host all four vein types in abundance.

Molybdenum content increases with depth, especially within the skarn domain. The quartz monzonite porphyry (QMP) is interpreted as the source of stockwork mineralization, alteration and silicification.

A molybdenum-rich zone also occurs at shallow depths northeast of the property at the Marilyn Creek occurrence; further drilling is recommended to investigate nature of mineralization and presence of quartz-feldspar porphyry (QFP) units in the vicinity.

A single shallow hole (LT07-93) targeting the Marilyn Creek occurrence failed to intersect porphyry dykes visible on surface, although variable scheelite concentrations occur in core. The dykes are likely of limited size and/or have a different geometric setting than expected.

Alteration haloes of veins typically return higher tungsten grades. Specifically, dark green pyroxene skarn developed as alteration haes around Type 2 and 4 veins carry higher tungsten grades.

Disseminated scheelite is present in garnet and pyroxene skarn horizons as well as in the haloes of Type 4 veins. This is typically a by-product of alteration surrounding major stockwork zones. Here, the typically fine grained scheelite occasionally has a cloudy or dusty appearance.

As noted by previous authors, the sulphide content of this deposit is very low.

Surface exploration and sampling results from the bounding structure limiting mineralisation towards the north indicate the presence of base metal mineralisation with high Bi, Sb, Pb, W and Mo values. A thin unit of quartz feldspar porphyry extends along this minerlization trend. This low-temperature alteration zone is recommended for follow up in 2008.

13.2 Conclusion

The following conclusions may be made from the 2007 program:

- 2007 drilling results increased considerably the dimensions of the Northern Dancer deposit, improving potential economic viability.

- The deposit is hosted by several lithological settings, centered on a quartz-feldspar porphyritic dyke system surrounded by calc-silicate “skarn” altered calcareous sediments. A Jurassic diorite stock occurs somewhat southwest of the porphyry system. Vein mineralogy is influenced by the host lithology.
- The deposit extends into the Jurassic diorite stock, in the form of sheeted Type 4 veins returning higher-grade tungsten values. Molybdo-scheelite and molybdenite veining is essentially absent.
- Several holes returned higher grade tungsten intercepts at shallower depths than expected, indicating potential for shallow higher grade zones. This contrasts with earlier findings that tungsten grades increase with depth.
- The skarn setting is the only one to host an abundance of all four vein sets. Increased grades occur within alteration halos of many veins.
- Type 3 molybdenite veining is likely controlled by the central porphyry dyke system, with grades increasing with depth.
- Potential for mineralization occurs in outlying areas, including the vicinity of the Marilyn Creek occurrence, identified in 2007.

14.0 Recommendations

14.1 Recommendations

The main focus of the 2008 program will be on a diamond drilling program of 20,000 metres in 50 to 55 holes, designed to confirm and up-grade the classification of the existing resource base to the Measured and Indicated categories. The program, which will involve much infill drilling, will also focus on identification of higher grade mineralization along strike and down dip, in order to potentially increase known deposit dimensions.

The program is expected to take six to six to eight months to complete, commencing on or about June 1st. Largo is planning a Prefeasibility Study if positive results are returned.

Largo will also undertake a Preliminary Economic Assessment with associated metallurgical reviews and marketing studies. Results will determine future activities for advancement of the project. The study will include a preliminary economic evaluation involving all main parameters ranging from actual mining to marketing and sale of products.

An updated metallurgical study must be completed for the project.

All future sampling programmes should include analysis of fluorine (F) due to its deleterious influence on metallurgical recovery of tungsten. If additional metallurgical testing confirms significant CaF_2 presence, fluorine analysis should be included in future mineral resource estimates. A similar rigorous QAQC assessment is recommended for any other elements gaining economic significance. Largo should continue with its rigorous QAQC protocol, investigating all field standard data results reporting outside of the 95% confidence interval. The analytical laboratory selected for the next phase of work should use standards for the elements of interest certified by round-robin testing at multiple laboratories, in addition to in-house standards. Largo should also submit duplicates across the grade range for the elements of interest

A significantly larger database of density measurements is recommended, involving at least 100 measurements from specific gravity samples from each major lithological domain.

Recommendations for other exploration include geological modelling and preliminary pit optimization. Also, mechanical stripping, trenching, and sampling are recommended to define mineralization along strike to the southwest and northeast of the felsic intrusion and associated skarn zones. Mineralization in these areas has been indicated from previous drilling, mapping, and prospecting, suggesting this area has potential to host additional mineralisation. Results of this work would be incorporated into the proposed prefeasibility study.

The total field budget for drilling stands at \$5,950,000; the budget for the scoping study stands at \$40,000 and the budget for other work stands at \$120,000, for a total of \$6,110,000.

14.2 Recommended Budget

This section was supplied by Mr. Ghazanfari.

Table 8 is recommended as the detailed exploration budget for the 2008 diamond drilling campaign by Largo Resources Ltd.

Table 8 2008 Exploration and development budget

Category	Specifics	Cost (Cdn\$)
Diamond drilling programme (in-fill and adjacent step out drilling)	Contract diamond drilling: (including mobilisation and de-mobilisation, pad construction and other related costs) 20,000 m of NTW diamond drilling in 50 to 55 drill holes	\$3,900,000
	Assay costs: 12,000 samples including transportation	\$750,000
	Others, Claim Staking, Road Construction, Travel, Weather Station	\$200,000
	Camp, Personnel & Field expenses	\$1,100,000
	Total drilling budget	\$5,950,000
Proposed 2008 scoping study and other components	Scoping study	\$35,000
	Total scoping study	\$40,000
Other exploration (trenching, sampling, and mapping)	Geological modelling & initial pit design	\$50,000
	Trenching	\$25,000
	Geological mapping	\$10,000
	Additional Assaying costs & thin section study: (inclusive of freight, handing, and processing) 250 samples	\$35,000
	Total other exploration budget	\$120,000
Total recommended budget		\$6,110,000

15.0 References

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- Largo Resources Ltd, 2007: News Release dated April 10, 2006. Approved by R. (Andy) Campbell and available on SEDAR and the Company website at www.largoresources.com
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- Noble, S.R., Spooner, E.T.C. and Harris, F.R, 1986: Logtung: A porphyry W-Mo deposit in southern Yukon, in CIM special vol. 37, pp. 274-287.

Appendix 1. Certificate of Author

I, Carl M. Schulze, PGeo, hereby certify that:

- 1) I am a self-employed Consulting Geologist and sole proprietor of:
 All-Terrane Mineral Exploration Services
 35 Dawson Rd
 Whitehorse, Yukon Y1A 5T6
- 2) I graduated with a Bachelor of Science Degree in geology from Lakehead University, Thunder Bay, Ontario, in 1984.
- 3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).
- 4) I have worked as a geologist for a total of 24 years since my graduation from Lakehead University.
- 5) I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.
- 6) I am responsible for preparation of all sections of the assessment report titled “Assessment Report on the Year 2007 Surface Exploration and Diamond Drilling on the Northern Dancer Property” on the entire property area comprising the Northern Dancer project. I was active on-site during the majority of the 2007 exploration program including off-site post-program core logging and sampling.
- 7) I have not had prior involvement with the property that is the subject of the Assessment Report.
- 8) I am not aware of any material facts or material changes with respect to the subject matter of the assessment report not contained within the report, of which the omission to disclose makes the report misleading.
- 9) I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
- 10) I have read National Instrument 43-101 and Form 43-101F1; however, this Assessment Report has not been prepared in compliance with that instrument and form.
- 11) I consent to the filing of the Assessment Report with the Watson Lake Mining Recorder, Ministry of Energy, Mines and Resources, Government of Yukon.
- 12) The effective date of this report is April 12, 2008.

Dated this 20th Day of May, 2008.

“Carl Schulze”

Carl Schulze, BSc, PGeo
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 Whitehorse, Yukon Y1A 5T6
 Telephone: 867-633-4807
 Fax: 867-633-4883
 E-mail: allterrane@northwestel.net

**Appendix 2: Statement of Expenditures.
2007 Program, Northern Dancer Project
Largo Resources Ltd.**

Exploration Expenses

Northern Dancer Property, Yukon: Assaying & Lab Analysis	113,709.20
Northern Dancer Property, Yukon: Geologists and Consultants	1,035,332.12
Northern Dancer Property, Yukon: Equipment & Equipment Rental	176,505.89
Northern Dancer, Yukon: Field Office Expenses	151,599.29
Northern Dancer Property, Yukon: Travel Hotel	12,710.68
Northern Dancer Property, Yukon: Travel Meals & Entertainment	90,937.31
Northern Dancer Property, Yukon: Fuel, Road Building & Transportation	160,385.19
Northern Dancer Property : Claim Costs	3,353.28
Northern Dancer Property: Drilling	1,564,554.63
Northern Dancer Property: Field consumables	72,202.16
TOTAL EXPENDITURE 2007 PROGRAM	3,381,289.75

Appendix 3:

**Surface Sample Descriptions and Results
Northern Dancer Project, Largo Resources Ltd.**

Appendix 3

ROCK SAMPLE DESCRIPTIONS, 2007 Program Northern Dancer Project, Largo Resources Ltd.

Sample No.	Easting NAD 83	Northing NAD 83	Sample Type	Width (m)	Sample Description	Lithology	Modifier	Colour	Carb Presence	Silicification	Alt 1'	Alt 2	Other	Mineral 1	Amt (%)	Min 2	Amt (%)	Other Mineral	Amt (%)	Date	Sampler	Comments
595201	355603	6655726	CGr		Talus	Siltstone	Qz-arseno	Green		S2			L3	Arseno	20	Scor	strong			17-Jul	CS	Foliated, small vein
595202	355512	6655642	CGr		Rcrop	Slt-sstone	skarn	Green		S2			L2	Arseno	2	Scor	mod			17-Jul	CS	
595203	355060	6655491	C	0.15	Ocrop	seds	skarn	bl-grn	C2	S1	Csil 3		L3	Galena	15					18-Jul	CS	Galena skarn
595204	355059	6655489	G		Rcrop	seds	skarn	blue	C2	S1	Csil 3		L3	Galena	70					18-Jul	CS	Galena skarn
595205	354545	6655635	CGr		float	Diorite	Vned	grn-gry		S1	Csil 2		L2	Cpy	2	Moly	tr	Py	5	18-Jul	CS	Polymetallic vein in skarn
595206	354484	6655425	CGr		Rcrop	Diorite	skarn	grn-gry		S1	Csil 2		L3	Cpy	tr	Pyrr	6	Py	4	27-Jul	CS	Small skarn zone in diorite
595207	354686	6655661	C	0.9	Ocrop	Limy slt	fault	buff-tan		S2	Csil 1		L2	Py	6	Powellite	<1			28-Jul	CS	West side of fault
595208	354586	6655621	C	0.6	Ocrop	QP Monz	Jted	buff-tan		S2		L2	L1	Py	5	Powellite	<1			28-Jul	CS	Fairly abundant powellite - molybdoscheelite
595209	354744	6655652	C	0.5	Ocrop	Diorite	shear	dk gry		S1	Csil 1	L2		Py	1	Powellite	tr			28-Jul	CS	Molybdoscheelite (powellite?) in quartz vein
595210	354987	6655668	CGr		Rcrop	seds	Vned	buff-tan		S2-3				Py	<1	Moly	tr			28-Jul	CS	Abundant similar rock in small area
595211	355092	6655636	CGr		Trench	Limy slt	thin bed	buff		S2	Csil 2		L2	Powellite	tr	Pyrr	2	Ga	tr	29-Jul	CS	Outcrop in trench
595212	355092	6655664	CGr		Rcrop	Limy slt	skarn	gry-grn		S1	Csil 3		L3	Scheelite	tr	Pyrr	>1	Ga	4	29-Jul	CS	Several boulders; locally near massive galena
595213	354957	6655664	C	0.8	Ocrop	Limy slt	Vein	buff		S3			L2	Scheelite	tr	Powellite	1	Py	<1	29-Jul	CS	0.3m of sample consists of vein
595214	354562	6655610	C	1.5	Ocrop	QP Monz	Vned	bf-tan		S2	A1		L2	Scheelite	0.3	Moly	tr	Ov	4	29-Jul	CS	Includes local "brainrock" with moly veins
595215	354564	6655621	CGr		Ocrop	QP Monz	Jted	bf-tan		S1	A1		L1	Powellite	0.1	Moly	tr	Py	5	29-Jul	CS	Some sheeted veining
595216	354591	6655625	CGr		Ocrop	Limestone	skarn	Green		S1	Csil 2	Gar 2		Powellite	3	Scheelite	<1			29-Jul	CS	Fine molybdoscheelite along garnet band.
595217	354614	6655652	C	0.9	Ocrop	QP Monz	Vned	buff		S2	A1			Powellite	0.1	Scheelite	0.1	Py	2	29-Jul	CS	Some "brain rock" texture
595218	354579	6655629	G		Ocrop	Limy slt	Vned	Green	C1	S1	Csil 2			Powellite	2	Scheelite	tr			18-Aug	CS	Bedded; abundant grey-white veining
595219	354441	6655756	CGr		Ocrop	Silty lst	skarn	white-grn	C2		Csil 1			Scheelite	0.2	Powellite	tr			18-Aug	CS	Fine banding
595220	354378	6655734	CGr		Rcrop	Limy slt	skarn	bf-grn	C1		Csil 2			Scheelite	>1	Powellite	0.2			18-Aug	CS	Hornfelse, abundant large boulders
595221	354486	6655725	SCGr		Rcrop	Limy slt	skarn	brown			Csil 2			Scheelite		Powellite				18-Aug	CS	Some grey quartz veining
595222	353657	6654729	G		Ocrop	Limy slt	skarn	gry-blue		S2	Csil 1		L3	Galena	10	pyrr	7			19-Aug	CS	Small galena-pyrrhotite skarn
595223	353726	6654988	G		Ocrop	Limy slt	skarn	Green		S1	Csil 2		L1	Scheelite	0.3					19-Aug	CS	Bedding-parallel quartz veins in area

NB. Not all samples were taken from the Marilyn Creek area - see locations. High gold and base metal values were obtained elsewhere.

NBB. Alteration levels gauged from 1-3; i.e. minimal silicification = S1, maximum silicification = S3

A = Argillic alteration

NBBB: Sample Type: G = Grab

CG = Comp Grab

SCG = Select Composite Grab

C = Chip

Appendix 3

ROCK SAMPLE DESCRIPTIONS, 2007 Program Northern Dancer Project, Largo Resources Ltd.

	Method	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	
	Analyte	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	
	Unit	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01
Sample	Type																								
595201	Rock	1.4	271.8	1403	263	>100.0	8.5	21	50	15.53	>10000.0	0.3	6149	1.2	11	7.7	333.1	1230	8	0.03	0.012	1	11	0.03	
595202	Rock	4	443.6	>10000.0	666	>100.0	7.1	2.4	128	6.4	>10000.0	3.6	731.6	0.9	110	59.5	>2000.0	81.8	9	0.76	0.021	2	11	0.23	
595203	Rock	8.2	1833	>10000.0	>10000	>100.0	41.3	48.2	2123	13.5	7957	0.6	303.9	0.5	17	>2000.0	344.7	408.3	20	0.32	0.041	3	9	0.15	
595204	Rock	8.4	1377	>10000.0	>10000	>100.0	9.9	20.1	2799	8.92	281.6	0.2	70.2	<0.1	24	>2000.0	>2000.0	1094	<2	0.7	0.002	<1	1	0.03	
595205	Rock	356	611.6	1097	831	15.3	18.9	13.9	2636	6.72	418.4	3	21.5	2.2	89	20.3	16.4	256.4	89	4.69	0.086	7	35	0.91	
595206	Rock	24.3	377.6	1249	514	11.7	22.4	26	293	3.97	41.7	0.9	4.2	2.1	120	13.4	14.7	8.2	52	1.94	0.185	9	10	0.45	
595207	Rock	37.3	155.9	88.1	182	1.1	22	6.4	245	3.03	123.5	2.7	8.1	2.7	116	3.9	1.9	13.8	117	1.62	0.163	10	41	0.36	
595208	Rock	86.7	49.1	447.2	134	7.7	4.4	1.3	127	0.65	21.1	17.1	13.1	27.6	7	2.6	8	144.8	3	0.17	0.005	3	10	0.02	
595209	Rock	42.5	143.1	64	364	0.8	13	8.2	374	3.35	56.2	1.5	7.2	2.6	60	2.7	0.8	10.3	110	0.8	0.116	7	25	1.03	
595210	Rock	3.8	49.9	145.3	208	2.1	4.4	1.1	111	0.76	60.8	0.3	3.3	0.4	15	2	8.4	8.3	5	0.18	0.013	<1	14	0.04	
595211	Rock	17.9	114.5	2257	1359	32.3	20.1	5.7	360	1.58	43.2	2	25.1	1.5	79	37	2	190.9	63	1.83	0.076	5	26	0.42	
595212	Rock	34.9	711.7	>10000.0	1763	94.3	43.4	13.3	149	5.55	211.5	4.3	10.2	3.1	63	53.9	47	115.9	117	1.09	0.183	5	45	0.22	
595213	Rock	19.6	268.7	72.8	316	<0.1	24.2	8	122	1.88	20.9	2.5	3.8	3.2	67	8.1	0.9	23.4	44	0.88	0.143	8	30	0.22	
595214	Rock	157.2	25.3	140.3	27	0.7	3.4	0.7	45	0.54	9.3	19	3.6	14.2	6	0.7	1.5	73.7	2	0.03	0.009	2	11	<0.01	
595215	Rock	75.3	39.7	39.3	24	0.2	3.6	0.8	81	0.6	14.5	20.1	3.2	17.9	3	0.4	0.7	27.3	<2	0.03	0.004	4	10	<0.01	
595216	Rock	22.4	17.3	18.3	179	0.2	13.6	5.3	3431	2.56	3.6	2.7	3.1	1.9	59	1	0.4	4.3	42	6.67	0.125	10	23	1.33	
595217	Rock	44.9	25.6	30	19	0.3	4.4	0.9	67	0.51	10	8.7	2.2	10.5	4	0.5	0.4	9.5	<2	0.08	0.026	3	12	<0.01	
595218	Rock	41.2	31.6	41.3	259	1.1	15.3	5.2	3966	2.56	3.3	4.8	12	2.1	156	2.5	0.7	39.1	58	12.32	0.176	15	42	0.89	
595219	Rock	18.8	31.1	43.2	509	0.7	28	4.5	477	1.02	5.2	5.5	113.8	5.2	113	10.5	0.9	36.9	62	6.74	0.182	20	25	0.24	
595220	Rock	112.8	152.2	28.9	268	0.9	29.1	9.5	1683	2.4	5.6	3.5	4.2	3.7	61	4	1.7	19.9	69	5.34	0.131	16	42	0.71	
595221	Rock	21.5	20.8	19.8	191	0.3	15	4.3	2778	2.27	4	2.9	5.2	2.3	89	1.2	0.6	9.9	69	7.5	0.102	12	28	1.9	
595222	Rock	14.5	822	>10000.0	>10000	>100.0	68.2	14.3	4602	17.59	>10000.0	2.1	7390	1.5	14	>2000.0	>2000.0	80.2	45	0.28	0.084	3	15	0.04	
595223	Rock	<0.1	<0.1	170.9	113	1.5	<0.1	<0.1	<1	0.47	<0.5	<0.1	17	<0.1	<1	<0.1	<0.1	<0.1	<2	2.01	<0.001	<1	<1	<0.01	

Appendix 3

ROCK SAMPLE DESCRIPTIONS, 2007 Program Northern Dancer Project, Largo Resources Ltd.

	1DX	2DX	3DX	4DX	5DX	6DX	7DX	8DX	9DX	10DX	11DX	12DX	13DX	14DX	7KP	7KP
	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	W	
	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	%	%	
	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.1	0.05	1	0.5	0.001	0.005
Sample																
595201	16	0.008	<20	0.19	0.006	0.05	0.8	0.09	1.3	0.8	3.66	2	70.9	<0.001	<0.005	
595202	54	0.005	<20	0.3	0.012	0.13	<0.1	1.1	1.4	1.3	0.64	1	37.8	<0.001	<0.005	
595203	9	0.021	<20	0.33	0.016	0.06	19.4	0.13	0.8	3.5	>10.00	16	99.1	0.001	<0.005	
595204	8	<0.001	<20	0.06	0.001	<0.01	11.3	0.57	0.2	7.5	>10.00	17	>100.0	<0.001	<0.005	
595205	76	0.154	<20	2.01	0.44	0.49	>100.0	<0.01	6.1	1	2.74	9	19.6	0.038	0.14	
595206	71	0.185	<20	2.33	0.254	0.07	39.8	<0.01	1.9	0.2	2.17	6	26.7	0.002	<0.005	
595207	34	0.121	<20	1.21	0.094	0.06	>100.0	<0.01	2.2	0.2	0.82	5	18	0.004	0.014	
595208	22	0.006	<20	0.32	0.062	0.17	>100.0	<0.01	2.2	0.2	0.11	1	1.4	0.01	0.049	
595209	54	0.146	<20	2.25	0.157	0.34	>100.0	<0.01	5.8	1.2	0.43	8	8.5	0.005	0.035	
595210	200	0.013	<20	0.24	0.01	0.08	10	<0.01	0.4	<0.1	<0.05	<1	1.9	<0.001	<0.005	
595211	109	0.072	<20	0.93	0.068	0.1	58.1	<0.01	1.7	1.4	0.31	4	52.2	0.002	<0.005	
595212	49	0.101	<20	1.14	0.088	0.17	13.3	0.01	2	1.3	2.82	5	52.2	0.004	<0.005	
595213	119	0.071	<20	0.93	0.084	0.11	74.2	<0.01	1.8	0.2	0.36	3	15.5	0.002	0.008	
595214	23	0.003	<20	0.22	0.055	0.16	>100.0	<0.01	1.2	0.2	<0.05	1	0.8	0.017	0.016	
595215	16	0.004	<20	0.25	0.073	0.17	29.7	<0.01	1.8	0.2	0.05	1	1.6	0.008	<0.005	
595216	21	0.067	<20	0.68	0.046	0.03	>100.0	<0.01	2.8	<0.1	<0.05	4	<0.5	0.003	0.087	
595217	20	0.002	<20	0.2	0.047	0.15	95.7	<0.01	1.1	0.1	0.06	1	0.6	0.005	0.013	
595218	146	0.061	<20	1.64	0.022	0.02	>100.0	<0.01	2.9	<0.1	<0.05	6	0.8	0.005	0.204	
595219	79	0.129	50	1.2	0.097	0.05	>100.0	<0.01	1.5	<0.1	0.24	3	2.3	0.002	0.032	
595220	60	0.125	<20	1.49	0.058	0.06	>100.0	<0.01	3.2	<0.1	0.56	5	4.7	0.012	0.056	
595221	49	0.079	<20	0.86	0.062	0.03	>100.0	<0.01	2.5	<0.1	<0.05	4	<0.5	0.002	0.114	
595222	13	0.009	<20	0.1	0.008	0.03	14.5	4.95	0.5	4.3	>10.00	14	>100.0	0.001	<0.005	
595223	<1	<0.001	<20	0.92	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.11	<1	1.3	<0.001	<0.005	

Appendix 4: Summary Logs

**2007 Diamond Drilling Program
Northern Dancer Project, Largo Resources Ltd.**

Logtung- Geology & Geotech Log Header Descriptions
[revised April 7, 2006]

GEOLOGICAL LOG

Visual

Depth – visual scale showing approximate depth for reference

Structure – visual record of dominant structure

Type – structure type

Description	Value
Bedding	BG
Contact	CN
Fault	FL
Foliation	FN
Gneissosity	GS
Joint	JN
Joint Set	JS
Schistosity	SC
Shear	SR
Vein	VN

Attitude - average angle to core axis, 0° = parallel to core axis

LITHOLOGY

From (m) – upper limit of geological unit

To (m) – lower limit of geological unit

Unit – geological unit [same units as used by AMAX]

Igneous

- 7 Basalt dykes
- 6 Undifferentiated porphyry.
 - 6a Quartz porphyry
 - 6b Quartz feldspar porphyry
 - 6c Coarse grained porphyry
 - 6d Aplite
 - 6e Felsite
 - 6f Myrmekitic porphyry [ribbon banding?]
 - 6g Silicified porphyry [masses coarse xls quartz?]
 - 6h Pegmatite

- 5 Porphyritic-Quartz monzonite
- 4 Diorite
 - 4a Granodiorite
 - 4b Hornblende porphyry

Sedimentary and Metamorphic

- 3
 - 3a Limestone
 - 3b Marble
- 2 Undifferentiated calcareous rocks
 - 2b Light green skarn
 - 2c Calc-silicate
 - 2d Pyroxene skarn
 - 2e Garnet skarn
 - 2f Calc-silicate with disseminated garnet
 - 2g Tremolite skarn
 - 2h Garnet vein skarn
- 1 Undifferentiated fine grained clastic rocks
 - 1a Shale and argillite
 - 1b Greywacke
 - 1c Gray to brown hornfels
 - 1d Bleached hornfels

Unit- Primary – dominant rock unit in %, use % scale on page 4

Secondary- minor rock unit in %, use % scale on page 4

Veins

Primary- most common vein type

Secondary- second most common vein type

Minor – least common vein type

Types [see notes on characteristics of each vein type]

1. Quartz-Molybdo-scheelite – 1a = quartz vein filling 1b = garnet rich fractures
2. Quartz-Pyrite-Scheelite
3. Quartz-Molybdenite
4. Polymetallic-Sheeted
5. Quartz
6. Calcite

Attitude - average angle to core axis - parallel to core axis is 0°

Density – estimated %, see page 4

Geometry

RD = random

SH = sheeted

SK = stockwork

BC = crackle breccia – intense form of stockwork

Width – average width in mm.

Fractures

Density –average number of fractures [those that x-cut core] /metre, see page 5

Attitude – average angle to core axis, 0° = parallel to core axis

Type – dominant mineral

Alteration

Other than quartz, this refers to the principal [essential] mineral in veins and in the vein envelopes

See notes on each vein type & in Table 2 in Econ. Geo. Paper

Primary – dominant mineral

Secondary- second most common mineral

Minor- least common mineral

Type – alteration mineral

In Veins - Principal minerals

Description	Value
Diopside	DI
Garnet	GA
Fluorite	FL
Chlorite	CL
Epidote	EP
Calcite	CA
Beryl	BE
Orthoclase	KF
Plagioclase	PF

In Envelopes [around veins]

Chlorite	CL
Hornblende	HB
Sericite	MS

Mode – how mineral occurs , See list on page 4

Abundance – use % scale, see page 4

Minerals

<u>Mineral</u>	<u>Code</u>
Molybdenite	MO
Scheelite	SC
Molybdoscheelite	MH
Powellite (Daniele's logs: pyrrhotite)	PO
Pyrite	PY
Fluorescence	UV

visual estimate of the percentage of fluorescent material over interval [measured between blocks]

Note; other mineral will later be added in vacant columns

Mode

Vein	V
Envelope	E
Selvage	S
Disseminated	D
Pervasive	P

Percent Scale

<u>Code</u>	<u>Value %</u>
0	Nil, absent
T	Trace
L	0.03
W	0.10
F	0.30
M	1
A	3
S	5
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
P	present no estimate possible

Samples

From (m) – start of sample

To (m) – end of sample

Interval (m) – length between start and end of sample

Sampling – samples do not cross lithological boundaries. Within any given lithology, samples are less than 2m. When intervals of poor recovery are encountered within a lithological unit, the sample interval is adjusted so that each sample contains material of a given competency.

QAQC- additional samples taken to provide checks on the quality of the assay results

Description	Code
Field sample (regular sample)	FS
Field blank	FB
Standard (field known- Canmet pulp)	FK
Field duplicate	FD
Blank (for duplicate sampling)	BD
Standard (for duplicate sampling)	KD

GEOTECHNICAL

- measured between blocks

REC. – core recovery

(m) – length of recovered core

(%) – percent of recovered core (length/block intervalx100)

RQD – rock quality

(m) – sum of the lengths of all pieces greater than 10 cm, not including breaks created from drilling

(%) – rock quality expressed as percentage (sum of pieces/block intervalx100)

Hardness – average hardness of core, on a scale from 1-10

FRACTURES [JOINTS] – dominant joint condition

Frequency - number per metre

Attitude - average angle to core axis 0°=parallel to core axis

Infill –

Code	Description	Code	Description
A	air	Go	fault gouge
Bk	broken rock	Li	limonite
Cb	carbonate	Mt	magnetite
Cp	chalcopyrite	Py	pyrite
Cy	clay	Qz	quartz
Fe	iron oxide		

Magnetics – reading from magnetic susceptibility meter (average for length of sample)

Other QAQC fields defined by Snowden, will forward their legend.



LITHOLOGY REPORT
- Summary -

Hole Number LT07-71

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
171.50	214.70	2b
		Minor Interval:
	171.50	172.10 2e
	172.10	172.20 6b
	172.20	178.80 6b
	178.80	180.80 1c
	180.80	180.90 6b
	180.90	196.60 2e
	196.60	204.30 1c
	204.30	205.30 2c
	205.30	214.70 1d
214.70	217.00	1c
		Minor Interval:
	214.70	217.00 1d
217.00	235.70	2b
		Minor Interval:
	219.80	220.30 6b
	220.30	235.70 1c
	217.00	219.80 1c
235.70	243.20	6b
243.20	297.20	MNZ
297.20	300.20	QTZ
300.20	0.00	EOH



LITHOLOGY REPORT
- Summary -

Hole Number LT07-71

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
68.30	69.70	6b	
69.70	140.60	2b	
		Minor Interval:	
	69.70	74.50	2e
	74.50	74.90	6b
	74.90	76.00	2h
	76.00	76.60	6b
	76.60	77.10	2b
	77.10	77.80	6b
	77.80	110.00	2e
	110.00	110.20	6b
	110.20	115.00	2e
	115.00	127.20	1c
	127.20	127.90	6b
	127.90	135.00	1c
	135.00	140.60	2e
140.60	154.00	1c	
		Minor Interval:	
	140.60	146.60	2b
	146.60	148.00	2b
154.00	170.20	2b	
		Minor Interval:	
	154.10	159.00	1c
	159.00	163.10	2e
	163.10	163.40	6e
	163.40	170.20	2e
170.20	171.50	1c	



LITHOLOGY REPORT
- Summary -

Hole Number LT07-71

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
0.00	3.00	CAS	
3.00	37.40	6f	
37.40	57.20	2b	
		Minor Interval:	
	37.40	42.80	
	42.80	43.00	6b
	43.00	54.00	1c
	54.00	54.30	5
	54.30	55.70	2h
	55.70	56.50	2c
	56.50	57.20	2e
57.20	62.60	5	
		Minor Interval:	
	57.20	57.50	5
	57.50	57.60	2b
	57.60	60.00	5
	60.00	60.30	2b
	60.30	60.60	5
	60.60	61.00	2e
	61.00	61.40	5
	61.40	61.50	1c
	61.50	61.60	5
	61.60	62.00	2e
	62.00	62.60	6b
62.60	68.30	2b	



LITHOLOGY REPORT
- Summary -

Hole Number LT07-72

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
0.00	3.00	CAS		
3.00	9.70	1c		
		Minor Interval:		
	9.70	0.00	1d	
9.70	21.00	1c		
21.00	37.00	1c		
		Minor Interval:		
	21.00	37.00	1c	
37.00	59.45	1d		
		Minor Interval:		
	37.00	59.10	2e	
59.45	60.80	6b		
		Minor Interval:		
	59.45	60.90	2e	
60.80	64.60	1c		
64.60	65.20	4b		
65.20	70.00	1c		
70.00	78.30	1c		
		Minor Interval:		
	70.00	77.40	2e	



LITHOLOGY REPORT
- Summary -

Hole Number LT07-72

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
78.30	79.20	4b	
79.20	83.16	1d	
		Minor Interval:	
	79.57	83.16	1c
83.16	85.50	8	
85.50	89.10	2e	
		Minor Interval:	
	85.50	89.10	1c
89.10	93.10	1d	
		Minor Interval:	
	89.10	93.10	1c
93.10	99.45	1c	
99.45	99.90	8	
99.90	115.00	1c	
115.00	115.30	5	
115.30	120.43	1c	
120.43	126.12	1c	
		Minor Interval:	
	120.43	126.12	



LITHOLOGY REPORT
- Summary -

Hole Number LT07-72

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
126.12	126.52	4b
126.52	127.63	1d
127.63	131.62	4b
131.62	138.00	1c
138.00	143.05	1c
		Minor Interval:
	138.00	143.05 4b
143.05	146.94	4
146.94	160.00	4
160.00	161.00	4
		Minor Interval:
	160.00	161.00
161.00	178.30	4
178.30	179.00	4
179.00	181.40	4
181.40	189.60	4



LITHOLOGY REPORT
- Summary -

Hole Number LT07-72

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>		<i>Lithology</i>
189.80	192.30	4	
192.30	199.30	4	
199.30	204.10	4	
204.10	209.40	4	
209.40	240.40	4	
240.40	241.40	4	
241.40	256.40	4	
256.40	257.40	4	
257.40	268.60	4	
268.60	269.40		
269.40	300.20		



LITHOLOGY REPORT
- Summary -

Well Number LT07-73

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
0.00	4.57	CAS
4.57	25.00	2b
		Minor Interval:
	4.57	25.00 2e
25.00	46.70	6e
46.70	53.30	8
53.30	76.80	2e
		Minor Interval:
	65.60	69.00 1c
76.80	84.50	2b
		Minor Interval:
	77.20	84.50 1c
	76.80	77.20 4a
84.50	89.00	2b
89.00	179.70	2b
		Minor Interval:
	112.20	112.80 1b
	89.00	112.20 2e
	112.80	176.00 2e
	176.00	177.80 1c
	177.80	179.70 2b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-73

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	
179.70	187.30	1b	
		Minor interval:	
		182.70	183.10 2b
187.30	266.40	2b	
		Minor interval:	
		187.30	204.50 1c
		204.50	205.30 6e
		205.30	210.20 1c
		210.20	210.80 4
		210.80	216.60 1c
		216.60	223.60 2h
		223.60	237.80 1c
		237.80	255.00 2h
		255.00	255.80 6e
		257.80	259.80 1b
266.40	272.70	1c	
		Minor interval:	
		266.40	272.70 2b
272.70	317.80	2c	
		Minor interval:	
		284.70	284.80 6e
		284.80	300.00 1c
		300.00	300.80 6e
		300.80	314.60 1c
		314.60	317.80 6e
317.80	322.00	6e	
		Minor interval:	
		317.80	322.00 2c



LITHOLOGY REPORT
- Summary -

Hole Number LT07-73

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
322.00	328.30	2c Minor Interval: 322.00 328.30 2c
328.30	332.90	6e
332.90	336.30	2b Minor Interval: 332.90 336.30 1c
336.30	339.85	6e Minor Interval: 338.00 339.85 2c



LITHOLOGY REPORT
- Summary -

Hole Number LT07-74

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	
0.00	14.50	4
14.50	17.10	4
17.10	31.80	4
31.80	33.75	4a
33.75	53.90	4
53.90	54.30	6b
54.30	81.00	4
81.00	83.20	4
83.20	84.80	4
84.80	88.00	4
88.00	89.50	4
89.50	95.80	4
95.80	99.00	

Lithology



LITHOLOGY REPORT
- Summary -

Hole Number LT07-74

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	
99.00	102.30	4
102.30	102.60	
102.60	110.60	4
110.60	158.80	
158.80	160.20	4
160.20	202.30	4
202.30	250.16	4
250.16	256.10	4
256.10	302.40	4

Lithology



LITHOLOGY REPORT
- Summary -

Hole Number LT07-75

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
0.00	3.05	O/B
3.05	91.70	4
91.70	92.80	6e
92.80	287.30	4
		Minor Interval:
	174.20	174.60 6e
	282.50	288.30 6e
287.30	289.40	7
289.40	322.60	4
		Minor Interval:
	294.70	295.20 7
	295.20	296.50 4
	298.70	299.40 6e
322.60	326.50	7
326.50	344.40	1d
		Minor Interval:
	326.50	335.10 2b
	335.10	335.80 6e
	335.80	344.30 2c
344.40	349.90	6e



LITHOLOGY REPORT
- Summary -

Hole Number LT07-75

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
349.90	374.00	1d
		Minor Interval:
	349.90	352.70 6e
	352.70	353.90 2d
	353.90	355.60 6e
	355.60	358.90 2d
	358.90	361.00 6e
	361.00	362.10 2d
	362.10	374.00 6e
374.00	378.40	2d
		Minor Interval:
	376.80	377.40 6d
378.40	385.90	1d
		Minor Interval:
	378.40	381.90 2c
	381.90	382.80 6e
	382.80	385.80 2c
385.90	388.40	2d
388.40	391.90	1d
		Minor Interval:
	388.40	391.90 2c
391.90	394.50	2d
		Minor Interval:
	393.20	393.30 6a



LITHOLOGY REPORT
- Summary -

Hole Number LT07-75

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
394.50	402.50	1d Minor Interval: 394.50 395.70 2c 395.70 395.90 6e 395.90 402.50 2c
402.50	408.70	2d Minor Interval: 405.00 407.40 1d
408.70	412.20	6c Minor Interval: 408.70 412.20 2d
412.20	434.00	2d Minor Interval: 412.20 419.70 2d 419.70 421.70 2d 421.70 434.00 2d
434.00	434.70	8
434.70	440.90	1d
440.90	452.60	5 Minor Interval: 447.00 447.30 6e 451.40 452.60 6f



LITHOLOGY REPORT
- Summary -

Hole Number LT07-76

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
1.50	9.10	1c
9.10	17.60	1d
		Minor Interval:
	9.10	17.60 1c
17.60	19.10	8
19.10	24.00	1d
		Minor Interval:
	19.10	23.30 1c
	46.60	0.00 6e
24.00	25.80	1d
25.80	28.80	1d
28.80	35.60	1c
		Minor Interval:
	28.80	35.60 2e
35.60	46.60	1d
		Minor Interval:
	35.60	46.60 2b
46.60	47.70	6e
47.70	60.00	2b
		Minor Interval:
	47.70	60.00 1c



LITHOLOGY REPORT
- Summary -

Hole Number LT07-76

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
60.00	64.30	1c	
64.30	77.70	2e	
77.70	86.20	1c	
		Minor Interval:	
		77.70	86.20 1d
86.20	95.30	2f	
		Minor Interval:	
		86.20	95.30 1d
95.30	102.80	1d	
		Minor Interval:	
		95.30	102.80 2e
102.80	108.00	2b	
		Minor Interval:	
		102.80	108.00 1c
108.00	120.70	1c	
		Minor Interval:	
		108.00	120.70 1d
120.70	124.50	2b	
124.50	136.00	1d	
		Minor Interval:	
		124.50	136.00 2b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-76

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
136.00	138.40	2b Minor Interval: 136.00 138.40 1c
138.40	141.20	1c
141.20	154.30	2b Minor Interval: 141.20 154.30 1c
154.30	158.60	1d Minor Interval: 154.30 158.60 1c
158.60	159.20	8
159.20	165.70	1d Minor Interval: 159.20 166.50 2e
165.70	166.50	
166.50	180.10	2b
180.10	181.00	8
181.00	187.00	2b Minor Interval: 181.00 187.00 1d



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Hole Number LT07-76

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
187.00	188.30	4
188.30	197.70	2b
197.70	199.70	6e
199.70	211.70	2b
		Minor Interval:
	199.70	211.70 1c
211.70	214.60	4
214.60	218.50	2b
218.50	221.00	
221.00	224.40	2b
		Minor Interval:
	221.00	224.40 1c
224.40	227.80	
227.80	228.70	6b
228.70	232.00	4



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Hole Number LT07-76

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
232.00	234.90	1d Minor Interval: 232.00 234.90 1c
234.90	236.40	4
236.40	245.30	1d Minor Interval: 236.40 245.30 1c
245.30	247.30	2b Minor Interval: 245.30 247.30 1d
247.30	253.00	1d Minor Interval: 247.30 253.00 1c
253.00	257.80	2b Minor Interval: 253.00 257.80 1d
257.80	260.60	1d Minor Interval: 257.80 260.60 2b
260.60	262.40	6a
262.40	268.80	1d Minor Interval: 262.40 268.80 2b



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
268.80	276.90	2b Minor Interval: 268.80 276.90 1d
276.90	278.80	4
278.80	294.90	2b
294.90	298.70	4
298.70	303.00	MD
303.00	314.90	4
314.90	319.10	6e
319.10	331.60	2c Minor Interval: 319.10 331.60 1c
331.60	334.80	
334.80	373.00	4
373.00	375.50	6b
375.50	377.30	6b



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	
377.30	388.60	4
388.60	402.30	4

Lithology



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
0.00	5.00	O/B	
5.00	34.70	4	
34.70	35.30	1c	
35.30	113.50	4	
113.50	115.00	7	
115.00	152.00	4	
152.00	157.00	2c	
157.00	168.30	1d	
		Minor Interval:	
	157.00	160.00	2b
	160.00	160.50	2b
	160.50	168.30	2c
168.30	187.60	2b	
187.60	191.90	7	



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
191.90	229.50	1d		
		Minor Interval:		
		192.90	208.50	1c
		208.50	209.20	2c
		209.20	215.00	2b
		215.00	215.40	2d
		215.40	216.30	2b
		216.30	217.30	2d
		217.30	229.50	2c
229.50	234.70	2d		
234.70	250.40	1d		
		Minor Interval:		
		234.70	240.90	2c
		240.90	242.20	2b
		242.20	250.40	2c
250.40	255.60	2d		
255.60	279.80	1d		
		Minor Interval:		
		255.60	280.00	2d
279.80	281.90	2f		
281.90	298.20	1d		
		Minor Interval:		
		281.90	298.20	2d



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Hole Number LT07-77

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
298.20	302.20	2e		
		Minor Interval:		
		298.20	302.20	1d
302.20	314.40	1d		
		Minor Interval:		
		302.20	314.40	1c
314.40	316.80	2d		
		Minor Interval:		
		314.40	317.80	1d
316.80	328.90	1d		
		Minor Interval:		
		317.80	318.90	2b
		324.60	328.80	2b
328.90	333.50	2d		
		Minor Interval:		
		328.90	333.50	1d
333.50	337.20	1d		
		Minor Interval:		
		334.60	335.10	7
337.20	338.20	7		



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
338.20	356.70	1d	
		Minor interval:	
	339.40	339.60	7
	339.60	341.20	2c
	341.20	341.80	7
	341.80	343.40	2c
	343.40	343.50	7
	343.50	350.90	2c
	350.90	351.70	1b
	351.70	354.50	2f
	354.50	356.70	2e
356.70	361.70	2d	
		Minor interval:	
	356.70	361.70	1d
361.70	363.70	1d	
363.70	366.50	2d	
		Minor interval:	
	364.90	365.70	1d
366.50	376.20	1d	
376.20	380.50	2c	
380.50	394.10	1d	
394.10	395.30	2d	



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
395.30	398.00	1d
		Minor Interval:
		396.30 397.60 2d
398.00	401.50	7
401.50	408.40	2c
		Minor Interval:
		402.80 404.30 1d
		405.00 407.30 1d



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Hole Number LT07-78

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
0.00	4.50	
4.50	14.00	4
14.00	41.00	
41.00	43.30	4
43.30	49.00	4
49.00	64.60	4a
		Minor Interval: 49.00 73.00
64.60	67.70	4a
67.70	73.00	4a
73.00	101.20	4
101.20	104.00	4
104.00	113.00	
113.00	142.00	
		Minor Interval: 113.00 142.00 QMON



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	
142.00	158.00	4
158.00	202.70	4
202.70	203.00	5
203.00	221.30	4
221.30	222.00	MD
222.00	227.00	4
227.00	227.60	MD
227.60	234.10	4
234.10	239.60	4
239.60	240.90	MD
240.90	252.00	4
252.00	256.40	4
256.40	270.50	4

Lithology



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	
270.50	271.00	MD
271.00	273.00	4
273.00	274.00	MD
274.00	297.00	4
297.00	297.60	4
297.60	304.20	4
304.20	0.00	EOH

Lithology



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
0.00	3.00	CAS
3.00	19.70	1c
		Minor Interval:
	3.00	19.70
		2e
19.70	23.60	2b
23.60	26.40	1d
		Minor Interval:
	23.60	26.40
		2b
26.40	27.40	4
27.40	42.10	1d
		Minor Interval:
	27.40	32.00
	32.00	42.10
		1c
		2b
42.10	48.70	2b
		Minor Interval:
	42.10	48.70
		1c
48.70	49.60	4
49.60	58.20	1d
		Minor Interval:
	49.60	58.20
		1c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
58.20	62.10	1c
		Minor Interval:
	58.20	62.10 1d
62.10	66.00	1d
		Minor Interval:
	62.10	66.00 1c
66.00	67.30	2b
67.30	80.00	1d
		Minor Interval:
	67.30	80.00 1c
80.00	84.70	2b
		Minor Interval:
	80.00	84.70 1d
84.70	87.30	4
87.30	88.60	1d
88.60	90.30	4
90.30	99.70	1d
		Minor Interval:
	90.30	99.70 2b
99.70	102.60	1c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
102.80	104.30	2b		
104.30	126.50	1d		
		Minor Interval:		
	104.30	106.40	1c	
	106.40	107.00	4	
	107.00	126.50	1d	
126.50	130.50	1c		
		Minor Interval:		
	126.50	130.50	1d	
130.50	150.00	1d		
		Minor Interval:		
	130.50	150.00	1c	
150.00	158.20	1d		
		Minor Interval:		
	150.00	158.20	1c	
158.20	159.60	2b		
159.60	166.90	1d		
		Minor Interval:		
	159.60	166.90	2b	
166.90	167.50	4		
167.50	168.80	2b		



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
168.80	171.00	4 Minor Interval: 168.80 171.00 2b
171.00	174.00	2b
174.00	176.70	1d Minor Interval: 174.00 176.70 1c
176.70	183.40	1c
183.40	184.30	4
184.30	190.20	1d
190.20	202.10	2b Minor Interval: 190.20 202.10 1c
202.10	206.00	
206.00	209.70	2b Minor Interval: 206.00 213.30 1d
209.70	215.80	1d Minor Interval: 209.70 215.80 2b



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
215.80	231.70	2b Minor Interval: 215.80 231.70 1d
231.70	237.30	1d Minor Interval: 231.70 237.30 2b
237.30	242.10	2b Minor Interval: 237.30 242.10 1d
242.10	244.20	4
244.20	246.70	2b
246.70	247.90	4
247.90	253.00	2b
253.00	264.40	1d Minor Interval: 253.00 264.40 1c
264.40	278.20	2b
278.20	281.00	1d



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
281.00	289.00	2d		
		Minor Interval:		
		281.00	289.00	1c
289.00	301.30	2b		
301.30	307.70	1c		
		Minor Interval:		
		301.30	301.70	4
		301.70	307.70	1c
307.70	313.50	2b		
313.50	314.70	1c		
314.70	319.00	4		
		Minor Interval:		
		314.70	319.00	2e
319.00	334.20	2b		
		Minor Interval:		
		319.00	334.20	2d
334.20	343.70	2d		
343.70	373.30	2b		
		Minor Interval:		
		343.70	373.30	1c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
373.30	378.30	1d Minor Interval: 373.30 378.30 1c
378.30	397.90	2b
397.90	399.20	6b
399.20	403.00	1d
403.00	411.30	2b Minor Interval: 403.00 411.30 1c
411.30	413.40	1c Minor Interval: 411.30 413.40 2b
413.40	416.00	2d Minor Interval: 413.40 416.00 1c
416.00	436.60	2b
436.60	437.80	MNZ
437.80	440.60	2h Minor Interval: 437.80 440.60 1c



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Hole Number LT07-79

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
440.60	442.80	MD	
442.80	443.50	QFP	
443.50	456.70	2b	
		Minor Interval:	
	443.50	444.00	2b
	444.00	444.16	QFP
	444.16	444.41	2b
	444.41	444.51	QFP
	444.51	447.90	2b
	447.90	448.00	QFP
	448.00	450.26	2b
	450.26	450.76	QMON
	450.76	455.34	1d
	455.34	455.44	QMON
456.70	459.60	1d	
		Minor Interval:	
	456.70	459.60	2b
459.80	464.40	2b	
464.40	470.30	1d	
		Minor Interval:	
	464.40	470.30	2b
470.30	472.30	2b	
472.30	473.80	1d	



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Hole Number LT07-79

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
473.80	481.60	MNZ
481.60	0.00	EOH



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Hole Number LT07-80

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
0.00	8.20	O/B
8.20	26.40	1c Minor Interval: 8.20 17.40 1d 17.40 17.80 2d 17.80 25.50 1d
26.40	74.40	1d Minor Interval: 26.40 29.00 2d 34.00 42.70 2c 48.70 49.00 2b 55.10 55.90 2b 55.90 74.40 1c
74.40	75.60	2e
75.60	85.50	2b Minor Interval: 80.00 82.70 2b
85.50	87.60	2e
87.60	89.40	7
89.40	100.10	2b Minor Interval: 92.90 94.60 1d 196.00 0.00



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Hole Number LT07-80

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
100.10	104.90	1d Minor Interval: 102.60 103.10 2b
104.90	112.10	2b Minor Interval: 110.50 110.80 2b
112.10	115.50	1d
115.50	116.30	8
116.30	123.30	2b
123.30	125.10	BX
125.10	131.20	1d Minor Interval: 125.50 126.00 2b 128.60 129.00 2b
131.20	174.30	2b Minor Interval: 140.00 143.70 2c 162.40 164.10 2c 164.10 174.30 2b
174.30	178.60	2c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
178.60	181.40	1d
181.40	182.70	2e
182.70	186.60	2b
		Minor Interval:
	183.70	184.90 1b
186.60	188.60	1d
188.60	193.70	2b
193.70	196.60	2b
		Minor Interval:
	193.70	194.80 2b
	194.80	195.20
	195.20	196.60 1d
196.60	201.40	2b
		Minor Interval:
	199.50	200.30 2e
201.40	202.70	2e
202.70	209.00	2b
209.00	211.20	4
211.20	212.40	2b



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Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
212.40	215.90	4
215.90	231.50	2b
		Minor Interval:
	217.30	217.70 2e
	217.70	223.80 1d
231.50	233.40	2b
233.40	243.80	1d
		Minor Interval:
	236.90	237.20 2e
	238.60	241.30 6e
243.80	245.40	2b
245.40	247.00	6e
		Minor Interval:
	245.40	245.60 6e
	245.60	246.00 2b
	246.00	246.50 BX
	246.50	247.00 6e
247.00	249.70	2b
249.70	253.10	2b
		Minor Interval:
	250.30	250.50 1c
	252.30	252.60 6e



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
253.10	253.60	6e
253.60	256.50	2c
256.50	260.30	2b
		Minor Interval:
	256.50	259.40 1c
	259.40	259.70 6e
	259.70	260.30 1c
260.30	263.30	2c
263.30	275.40	2b
275.40	279.20	2c
		Minor Interval:
	275.40	279.20 1c
279.20	280.60	6e
		Minor Interval:
	279.50	279.70 2b
280.60	285.50	2d



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
285.50	296.90	2b
		Minor Interval:
	285.50	286.60 2b
	286.60	289.10 2c
	289.10	289.60 1c
	289.60	295.00 2d
	295.00	295.80 QTZ
	295.80	296.90 2h
296.90	300.90	1c
300.90	316.30	2c
		Minor Interval:
	308.50	309.50 1c
316.30	318.30	2b
		Minor Interval:
	316.30	318.30 1c
318.30	319.90	2e
319.90	324.70	2b
324.70	331.70	2h
		Minor Interval:
	330.60	330.70 1c
331.70	332.50	QTZ
332.50	351.60	2c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
351.60	352.70	7
352.70	363.20	2c Minor Interval: 352.70 363.20 1d
363.20	364.00	6e
364.00	369.00	2c
369.00	369.80	7
369.80	372.60	2c Minor Interval: 369.80 371.50 1d 371.50 372.60 6e
372.60	373.80	7
373.80	377.00	2c Minor Interval: 373.80 377.00 1d
377.00	377.90	7
377.90	378.70	6e Minor Interval: 377.90 378.70 2c



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Hole Number LT07-80

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology		
378.70	379.70	2c		
379.70	381.70	7		
		Minor Interval:		
	381.50	381.70	2b	
381.70	383.20	7		
383.20	388.50	2c		
		Minor Interval:		
	383.20	386.50	2c	
	386.50	387.00	6e	
	387.00	388.50		
388.50	389.70	6e		
389.70	394.60	2c		
		Minor Interval:		
	391.60	392.20	1c	
	392.20	394.00	1d	
	394.00	394.60	1c	
394.60	395.60	6e		
395.60	409.20	2c		
		Minor Interval:		
	399.80	400.30	6e	
	400.30	407.00	6e	



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Hole Number LT07-80

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>
409.20	410.40	7
		Minor Interval:
	409.20	409.70 6e
410.40	412.40	2c



LITHOLOGY REPORT
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Hole Number LT07-81

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
0.00	3.00	O/B		
3.00	20.50	1c		
		Minor Interval:		
		3.00	20.50	2e
20.50	21.70	7		
21.70	72.70	1c		



LITHOLOGY REPORT
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Hole Number LT07-82

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
321.30	329.10	1c Minor Interval: 321.30 322.00 1c 322.00 322.60 2b 322.60 324.20 1c 324.20 325.00 2b 325.00 327.00 1c 327.00 327.60 1d 327.60 329.10 1c
329.10	334.80	2b Minor Interval: 329.10 330.70 2c 330.70 332.20 1d 332.20 334.80 1c
334.80	335.50	QFP
335.50	362.00	1d Minor Interval: 335.50 347.20 1c 347.20 347.30 2b 347.30 348.00 1d 348.00 348.30 2b 348.30 349.00 1d 349.00 349.40 2b 349.40 349.43 QFP 349.43 351.20 1d 351.20 351.60 2e 351.60 362.00 1c



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Hole Number LT07-82

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology	
362.00	392.70	2b	
		Minor Interval:	
	362.00	385.00	1c
392.70	410.40	2d	
		Minor Interval:	
	392.70	393.00	QFP
	393.00	401.90	1c
	401.90	402.20	2c
	402.20	403.40	1c
	403.40	403.44	QFP
	403.44	404.80	1c
	404.80	405.30	QFP
	405.30	407.00	2d
	407.00	408.30	2c
	408.30	408.60	MD
	408.60	409.30	2c
	409.30	409.40	QFP
	409.40	410.40	2b
410.40	411.40	QFP	
411.40	433.30	2d	
		Minor Interval:	
	411.40	423.60	2d
	423.60	423.65	QFP
	423.65	427.80	2d
	427.80	427.86	QFP
	427.86	428.90	2d
	428.90	428.94	QFP



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	
433.30	446.50	MNZ
446.50	0.00	

Lithology



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
0.00	3.00	CAS		
3.00	11.60	1d		
		Minor Interval:		
		3.00	11.60	1c
11.60	13.70	2b		
		Minor Interval:		
		11.60	13.70	1d
13.70	18.60	1c		
18.60	45.50	1d		
		Minor Interval:		
		18.60	31.00	1c
		31.00	31.70	2b
		31.70	45.50	1c
45.50	46.70	MD		
46.70	53.00	1d		
		Minor Interval:		
		46.70	50.60	1c
		50.60	51.30	2b
		51.30	53.00	1c
53.00	54.80	2b		



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	
54.80	73.50	1d	
		Minor Interval:	
	54.80	58.40	1c
	58.40	59.00	2b
	59.00	61.40	1c
	61.40	61.60	2b
	61.60	64.10	1c
	64.10	64.30	2b
	64.30	69.00	1c
	69.00	69.10	2b
73.50	77.10	4	
77.10	84.80	1d	
84.80	88.80	4	
88.80	91.10	1d	
91.10	92.40	2b	
92.40	98.20	1d	
		Minor Interval:	
	92.40	93.30	1d
	93.30	93.60	2b
	93.60	98.20	1c
98.20	101.10	1c	
		Minor Interval:	
	98.20	101.10	1d



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
101.10	112.00	1d Minor Interval: 101.10 104.70 1c 104.70 105.00 2b 105.00 112.00 1d
112.00	115.30	1c Minor Interval: 112.00 114.80 1d 114.80 115.30 2b
115.30	140.50	1d Minor Interval: 115.30 116.80 1c 116.80 117.30 2b 117.30 129.00 1c 129.00 129.50 2b 129.50 140.30 1c
140.50	141.30	2b Minor Interval: 140.50 141.30 1c
141.30	145.50	1d
145.50	146.60	MNZ
146.60	153.10	1d Minor Interval: 146.60 153.10 1c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
153.10	156.50	2b		
156.50	163.80	1d		
		Minor Interval:		
	156.50	163.80	1c	
163.80	165.20	1c		
165.20	201.50	1d		
		Minor Interval:		
	165.20	178.30	1c	
	178.30	178.80	2b	
	178.80	180.10	1c	
	180.10	180.30	2b	
	180.30	188.00	1c	
	188.00	188.40	2b	
	188.40	190.20	1c	
	190.20	190.50	2b	
	190.50	201.50	1c	
201.50	202.30			
202.30	229.60	1d		
		Minor Interval:		
	202.30	213.50	1c	
	213.50	213.70	2b	
	213.70	216.70	1c	
	216.70	216.90	2c	
	216.90	229.60	1c	



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Hole Number LT07-82

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
229.60	231.60	2d Minor Interval: 229.60 231.60 1d
231.60	240.20	1d Minor Interval: 231.60 234.60 1c 234.60 234.90 2b 234.90 235.90 1c 235.90 236.10 2b 236.10 240.20 1c
240.20	246.50	2b
246.50	257.30	1c
257.30	273.20	1d Minor Interval: 257.30 257.60 2b 257.60 263.50 1c 263.50 263.80 263.80 271.50 1c 271.50 271.80 2c 271.80 273.20 1c
273.20	275.20	8



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Hole Number **LT07-82**

Project: **NORTHERN DANCER PROJEC**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	
275.20	318.00	1d	
		Minor Interval:	
	275.20	276.40	1c
	276.40	277.00	2c
	277.00	280.70	1c
	280.70	281.10	2b
	281.10	285.00	1c
	285.00	285.20	2b
	285.20	286.80	1c
	286.80	287.00	2b
	287.00	287.60	1c
	287.60	287.75	2b
	287.75	294.80	1c
	294.80	295.30	2b
	295.30	297.80	1c
	297.80	298.40	2b
	298.40	300.00	1c
	300.00	300.60	2c
	300.60	307.94	1c
	307.94	308.00	QFP
	308.00	311.70	1c
	311.70	312.40	2b
	312.40	318.00	1d
318.00	320.40	1c	
		Minor Interval:	
	318.00	318.60	2b
	318.60	320.40	1c
320.40	321.30		



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Hole Number LT07-83

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
0.00	3.30	O/B		
3.30	17.20	6b		
		Minor Interval:		
		8.20	10.00	6f
17.20	23.30	2b		
		Minor Interval:		
		17.20	23.30	1d
23.30	24.10	6b		
24.10	27.10	2b		
		Minor Interval:		
		24.10	27.10	1d
27.10	28.50	2e		
28.50	43.50	2c		
43.50	44.30	7		
44.30	55.40	2c		
		Minor Interval:		
		50.30	50.90	1c
		50.90	51.20	2d
55.40	56.40	7		
		Minor Interval:		
		55.60	56.10	2e



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Hole Number LT07-83

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
56.40	58.90	2e	
58.90	59.90	1d	
		Minor Interval:	
	59.00	59.10	2e
59.90	62.00	1c	
		Minor Interval:	
	59.90	62.00	2c
62.00	63.50	2c	
63.50	70.20	1d	
		Minor Interval:	
	63.50	70.20	2b
70.20	75.70	2h	
75.70	83.90	1d	
		Minor Interval:	
	75.70	83.90	1c
83.90	86.50	2c	
86.50	93.60	1d	
		Minor Interval:	
	86.50	93.60	2c
93.60	95.80	2c	



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
95.80	100.90	1d
		Minor Interval:
	97.00	98.20 2c
	99.00	100.90 2b
100.90	114.50	2b
114.50	116.00	1d
116.00	126.00	2b
		Minor Interval:
	116.00	126.00 1d
126.00	127.60	2c
127.60	129.80	1d
129.80	130.50	2c
130.50	132.90	1d
		Minor Interval:
	130.50	132.90 2c
132.90	138.00	2c
		Minor Interval:
	132.90	138.00 1c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
138.00	152.20	1d Minor Interval: 138.00 140.10 2b 140.10 140.90 2c 140.90 152.20 2c
152.20	153.40	2d
153.40	154.10	1c
154.10	157.70	2d Minor Interval: 154.10 157.70 1c
157.70	163.00	2h
163.00	166.70	1d Minor Interval: 163.00 166.70 1c
166.70	167.90	2c Minor Interval: 166.70 167.90 1c
167.90	171.00	1c Minor Interval: 169.00 169.30 2c
171.00	173.10	2d Minor Interval: 171.00 173.10 1c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
173.10	180.80	2h		
		Minor Interval:		
		176.40	176.70	1c
180.80	182.10	2d		
182.10	187.60	1d		
187.60	189.80	2c		
189.80	190.80	1d		
190.80	191.60	2c		
191.60	203.10	1d		
		Minor Interval:		
		195.10	196.50	2c
		200.70	201.10	2c
		201.50	202.20	2c
203.10	204.80	7		
204.80	217.80	1d		
		Minor Interval:		
		206.60	207.90	2c
		210.30	210.90	2c
		210.90	217.80	2c
217.80	221.70	8		



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
221.70	227.60	1d Minor Interval: 221.70 223.40 2c 223.40 223.50 6a 223.50 228.60 2c
227.60	229.10	7
229.10	233.90	1d Minor Interval: 229.60 229.90 6a
233.90	246.30	2h Minor Interval: 233.90 246.30 1d
246.30	248.50	1c Minor Interval: 248.00 248.50 2c
248.50	250.00	2e
250.00	255.90	1d Minor Interval: 252.60 253.30 2c
255.90	257.90	6e Minor Interval: 256.50 257.30 1d



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
257.90	259.90	1d Minor Interval: 257.90 259.90 2b
259.90	268.10	4
268.10	269.50	1d
269.50	273.90	8
273.90	274.10	6e
274.10	283.30	1d Minor Interval: 274.10 278.00 2c 278.00 278.40 6e 278.40 283.30 2b
283.30	287.50	1d
287.50	289.00	2d
289.00	296.10	1d Minor Interval: 292.30 292.60 6e 292.90 293.00 6e
296.10	299.80	2c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
299.80	300.40	4
300.40	302.60	6e Minor Interval: 301.00 301.40 1d 301.80 302.20 2b
302.60	312.10	2e Minor Interval: 310.30 311.00 2c
312.10	313.00	6e
313.00	315.00	2c Minor Interval: 313.40 313.90 6e
315.00	324.00	1d Minor Interval: 315.00 316.30 2c
324.00	329.40	2c Minor Interval: 326.10 328.90 1d
329.40	331.40	1d
331.40	338.00	5
338.00	339.10	1d



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
339.10	339.80	2h
339.80	340.40	1c
340.40	343.70	2h
343.70	350.00	2b
		Minor Interval:
	343.70	345.70 1d
	345.70	346.20 2c
	346.20	350.00 1d
350.00	357.80	2h
357.80	359.10	2c
359.10	360.50	7
		Minor Interval:
	359.10	359.26 6e
	359.26	359.70 7
	359.70	360.00 2b
	360.00	360.10 2e
	360.10	360.20 6e
	360.20	360.50 7
360.50	363.10	2h



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
363.10	364.20	1d Minor Interval: 363.10 364.00 2b 364.00 364.20 6e
364.20	367.30	2h Minor Interval: 365.80 366.70 2b
367.30	369.50	1d
369.50	371.00	6e Minor Interval: 369.50 371.00 1d
371.00	375.50	1c
375.50	376.30	6e Minor Interval: 375.50 376.30 1c
376.30	378.50	2b
378.50	384.40	2h
384.40	386.60	7
386.60	387.70	2c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
387.70	390.30	1c
390.30	391.20	2c
391.20	397.20	5



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>		
0.00	33.40	2b		
		Minor Interval:		
		0.00	10.70	2h
		10.70	11.20	2c
		11.20	11.90	5
		11.90	12.20	2h
		12.20	12.80	5
		12.80	25.50	2h
		25.50	25.60	6b
		25.60	35.40	2h
33.40	39.10	MD		
39.10	53.60	2b		
		Minor Interval:		
		39.10	45.80	1c
		45.80	46.30	2c
		46.30	48.80	2e
		48.80	48.85	6b
		48.85	50.30	2b
		50.30	50.50	6b
		50.50	53.60	1c
53.60	56.90	MD		



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	
56.90	82.70	2b	
		Minor Interval:	
	78.90	79.40	2b
	79.40	79.70	QFP
	79.70	80.10	1d
	80.10	80.20	QFP
	80.20	80.80	1d
	80.80	80.90	QFP
	80.90	81.40	2b
	81.40	81.90	8
	81.90	82.70	2b
	56.90	58.00	1c
	58.00	58.20	6b
	58.20	61.60	2b
	61.60	61.90	6c
	61.90	66.80	2b
	66.80	67.30	6c
	67.30	71.30	2b
	71.30	71.50	6c
	71.50	73.20	2e
	73.20	73.30	6b
	73.30	73.40	2e
	73.40	73.50	6b
	73.50	77.70	2e
	77.70	78.10	MD
	78.10	78.80	2b
	78.80	78.90	QFP



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>		
82.70	86.90	1d		
		Minor Interval:		
		82.70	83.00	QFP
		83.00	83.10	2b
		83.10	83.20	6c
		83.20	84.20	1c
		84.20	84.50	6c
		84.50	86.20	1c
		86.20	86.30	6c
		86.30	86.90	2b
86.90	97.00	2b		
		Minor Interval:		
		86.90	87.80	2c
		87.80	88.30	2e
		88.30	89.00	
		89.00	90.70	2h
		90.70	91.50	1c
		91.50	92.50	2e
		92.50	93.40	1c
		93.40	93.90	2b
		93.90	94.60	1c
		94.60	95.90	2e
		95.90	97.00	1d
97.00	100.30	8		



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
100.30	121.30	2b Minor Interval: 100.30 104.30 1c 104.30 107.00 2h 107.00 112.20 2b 112.20 112.90 1d 112.90 120.10 2h 120.10 120.40 6b 120.40 121.00 1c 121.00 121.10 6b
121.30	121.70	6b
121.70	127.30	1c Minor Interval: 121.70 127.30 1d
127.30	136.50	2b Minor Interval: 127.30 129.00 1c 129.00 130.30 2f 130.30 131.40 2e 131.40 131.90 6b 135.50 135.60 6b 135.60 136.50 2e
136.50	140.50	1c Minor Interval: 136.50 137.10 6b 137.10 140.50 1c



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Hole Number LT07-84

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
140.50	145.30	2b		
		Minor Interval:		
		140.50	142.00	1c
		142.00	142.10	6b
		142.10	144.00	2e
		144.00	144.70	1c
		144.70	145.30	2e
145.30	148.50	1c		
148.50	152.20	6c		
152.20	157.20	2b		
		Minor Interval:		
		152.20	152.70	1c
		152.70	153.50	2e
		153.50	153.70	6b
157.20	159.30	8		
159.30	161.80	1d		
161.80	166.10	8		



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Hole Number LT07-84

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
166.10	191.50	2b	
		Minor Interval:	
	166.10	176.00	1d
	176.00	178.00	2e
	178.00	178.05	6b
	178.05	178.25	2c
	178.25	178.35	6b
	178.35	187.30	2e
	187.30	187.40	6b
	187.40	188.20	2b
	188.20	188.30	6b
	188.30	189.20	2b
	189.20	189.30	6b
	189.30	191.50	1c
191.50	197.60	1c	
		Minor Interval:	
	191.50	196.00	1c
	196.00	196.40	2e
	196.40	197.00	1c
	197.00	197.10	6b
	197.10	197.60	1c



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Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
197.60	214.00	2b	
		Minor Interval:	
	197.60	198.20	2e
	198.20	198.70	6b
	198.70	200.50	2e
	200.50	201.00	1c
	201.00	201.60	2b
	201.60	202.60	1c
	202.60	202.70	6b
	202.70	204.00	2e
	204.00	204.20	6b
	204.20	205.10	2h
	205.10	206.70	1c
	206.70	209.60	2c
	209.60	214.00	2e
214.00	219.00	1c	
219.00	222.00	2b	
		Minor Interval:	
	219.00	222.00	2e
222.00	226.00	1c	
		Minor Interval:	
	222.00	222.60	1d
	222.60	223.00	2b
	223.00	224.20	6b
	224.20	224.50	1c
	224.50	224.60	6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-84

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
226.00	244.00	6b
		Minor Interval:
	224.60	252.90 1c
244.00	245.10	QTZ
245.10	294.10	6b
294.10	0.00	EOH



LITHOLOGY REPORT
- Summary -

Hole Number **LT07-85**

Project: **NORTHERN DANCER PROJEC**

Project Number: **001**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
0.00	4.60	CAS
4.60	29.80	2b
		Minor Interval:
	8.00	8.70 1d
	10.90	11.50 1d
	15.80	16.20 2e
	16.30	17.90 1d
	28.80	29.50 BX
	6.40	7.60 2c
29.80	31.50	2e
31.50	34.90	2b
34.90	38.60	7
		Minor Interval:
	38.40	38.60 6h
38.60	54.10	2b
		Minor Interval:
	50.15	50.40 6b
	50.90	51.40 QTZ
54.10	62.40	6f
		Minor Interval:
	56.00	58.10 6b
	58.30	58.60 2b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-85

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
62.40	64.90	1c		
		Minor Interval:		
		63.60	64.00	6g
64.90	65.90	6f		
65.90	67.70	6b		
		Minor Interval:		
		67.00	67.50	6g
67.70	70.80	1c		
		Minor Interval:		
		67.70	68.00	6f
70.80	77.70	6f		
		Minor Interval:		
		72.50	73.00	6c
		75.50	77.50	6f
77.70	98.00	6b		
		Minor Interval:		
		84.40	86.60	6b
		87.70	97.00	6g
		97.00	98.00	6b
98.00	104.20	1c		
		Minor Interval:		
		98.00	98.80	BX
		100.30	101.00	6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-85

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
104.20	112.10	2e Minor Interval: 107.80 108.90 2b
112.10	114.50	2b
114.50	116.40	2d
116.40	118.70	2b Minor Interval: 117.90 118.40 1c
118.70	143.10	6f Minor Interval: 127.10 128.10 6g 131.50 132.00 6g 137.80 140.40 6g
143.10	154.30	6c Minor Interval: 151.80 152.60 6b 152.60 154.30 SHR
154.30	175.90	6b Minor Interval: 164.80 165.60 6c 167.70 168.40 SHR 171.90 173.20 BX



LITHOLOGY REPORT
- Summary -

Hole Number LT07-85

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
175.90	184.90	6g Minor Interval: 177.40 177.80 6b
184.90	188.00	6b Minor Interval: 185.60 186.20 SHR 187.30 188.00 6b
188.00	189.80	1c Minor Interval: 189.20 189.80 1d
189.80	192.50	6b
192.50	197.80	2b Minor Interval: 192.50 194.10 2b 197.30 197.80 2e
197.80	199.90	1d Minor Interval: 198.30 198.70 6b
199.90	201.10	2e
201.10	203.70	6b
203.70	207.00	2b Minor Interval: 203.70 205.10 1c



LITHOLOGY REPORT
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Hole Number LT07-85

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
207.00	223.90	6b Minor Interval: 207.00 207.60 6b
223.90	230.40	2b Minor Interval: 226.10 227.40 1d
230.40	232.20	6b
232.20	234.70	2b
234.70	236.40	6b
236.40	246.00	6g Minor Interval: 237.90 242.30 6g
246.00	282.50	6b Minor Interval: 260.60 261.10 6b 262.40 263.00 6b 264.40 265.70 6b 274.40 275.20 6g
282.50	283.10	1d
283.10	285.40	2e Minor Interval: 283.20 283.50 6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-85

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
285.40	297.20	6b		
		Minor Interval:		
		288.40	288.70	2e
		288.70	289.10	6g
		291.50	292.50	6g
		292.50	293.20	4
297.20	299.20	1d		
299.20	307.70	2e		
		Minor Interval:		
		300.40	302.20	2b
		306.50	306.70	6b
		306.70	307.70	2b
307.70	314.20	6a		
314.20	320.40	2e		
		Minor Interval:		
		317.40	318.60	6b
320.40	323.60	1d		
		Minor Interval:		
		322.00	322.20	2e
323.60	330.30	2e		
		Minor Interval:		
		324.10	324.60	1d
330.30	331.60	6e		



LITHOLOGY REPORT
- Summary -

Hole Number LT07-85

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
331.60	339.20	2b
		Minor Interval:
	332.50	332.80 6e
	333.20	333.50 2e
	337.30	337.60 2e
339.20	343.30	2e
343.30	344.60	2b
344.60	352.70	2e
		Minor Interval:
	352.30	352.50 FLT
352.70	354.70	6b
354.70	373.90	2e
		Minor Interval:
	358.30	359.10 1d
	360.05	360.40 6b
	368.00	368.50 1d
	368.70	369.30 2c
373.90	379.00	2d
		Minor Interval:
	375.10	375.50 6f
	375.90	376.40 6a



LITHOLOGY REPORT
- Summary -

Hole Number LT07-85

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
379.00	405.40	5
Minor Interval:		
379.50	379.70	5
380.20	380.50	5
384.40	386.40	SHR
398.70	401.40	5
401.40	403.00	5



LITHOLOGY REPORT
- Summary -

Hole Number LT07-86

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
0.00	36.40	1c Minor Interval: 0.00 32.00 1c 32.00 36.40 2b
36.40	44.80	4
44.80	60.10	1c Minor Interval: 44.80 45.50 2b 45.50 56.10 2b 56.10 58.00 2b 58.00 58.30 2h 58.30 60.10 1d
60.10	65.50	4
65.50	77.45	2b
77.45	84.10	5
84.10	90.60	2e Minor Interval: 84.10 90.60 2b
90.60	92.60	5



LITHOLOGY REPORT
- Summary -

Hole Number LT07-86

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
92.60	99.30	2b Minor Interval: 92.60 94.70 1c 94.70 95.20 5 95.20 99.30 1c
99.30	102.00	1c
102.00	107.50	2b Minor Interval: 102.00 107.50 1c
107.50	110.20	6b
110.20	132.70	2b Minor Interval: 110.20 132.70 1c
132.70	135.30	1d Minor Interval: 132.70 135.30 1c



LITHOLOGY REPORT
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Hole Number LT07-86

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
135.30	149.50	2b
		Minor Interval:
	148.30	148.60 2h
	148.60	148.70 5
	148.70	148.90 2b
	148.90	149.00 5
	149.00	149.30 2e
	149.30	149.50 5
	135.30	139.90 2e
	139.90	140.30 8
	140.30	146.00 2h
	146.00	146.10 5
	146.10	148.20 1c
	148.20	148.30 5
149.50	152.00	1c
152.00	176.30	2b
		Minor Interval:
	152.00	176.30 1c
176.30	180.50	1c
		Minor Interval:
	176.30	180.50 2b



LITHOLOGY REPORT
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Hole Number LT07-86

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
180.50	192.70	2b
		Minor Interval:
	180.50	184.00 1c
	184.00	184.40 5
	184.40	185.00 1c
	185.00	185.40 5
	185.40	186.10 2e
	186.10	186.20 6b
	186.20	186.40 2e
	186.40	186.50 6b
	186.50	188.20 2h
	188.20	188.50 5
	188.50	191.20 1c
	191.20	191.50 5
	191.50	191.80 1c
	191.80	192.10 5
	192.10	192.70 1c
192.70	194.30	5
194.30	195.50	2b
		Minor Interval:
	194.30	195.50 2h
195.50	198.20	6b



LITHOLOGY REPORT
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Hole Number LT07-86

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
198.20	210.80	2b
		Minor Interval:
	198.20	202.00 1c
	202.00	202.50 6b
	202.50	207.20 2e
	207.20	207.50 6b
	207.50	210.80 1c
210.80	228.70	6b



LITHOLOGY REPORT
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Hole Number LT07-87

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
0.00	3.00	CAS		
3.00	8.90	8		
8.90	33.30	1c		
		Minor Interval:		
	8.90	28.50	2b	
	28.50	28.90	6b	
	28.90	33.30	2b	
33.30	35.00	2b		
		Minor Interval:		
	33.30	35.00	1c	
35.00	44.30	1c		
		Minor Interval:		
	35.00	44.30	2b	
44.30	61.80	2b		
		Minor Interval:		
	44.30	47.30	2h	
	47.30	47.70	MD	
	47.70	61.80	1c	



LITHOLOGY REPORT
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Hole Number LT07-87

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	
61.80	73.40	1c	
		Minor Interval:	
	61.80	62.80	1c
	62.80	63.10	2f
	63.10	64.00	1c
	64.00	65.40	2h
	65.40	69.50	1c
	69.50	70.70	QTZ
	70.70	73.40	2e
73.40	121.70	2b	
		Minor Interval:	
	73.40	79.20	1c
	79.20	80.30	1d
	80.30	87.00	2h
	87.00	88.00	1c
	88.00	96.00	2e
	96.00	96.30	6b
	96.30	98.20	2e
	98.20	98.50	6b
	98.50	100.00	2e
	100.00	100.30	6b
	100.30	100.70	2b
	100.70	101.10	6b
	101.10	103.40	2h
	103.40	103.40	6b



LITHOLOGY REPORT
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Hole Number LT07-87

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
121.70	124.80	1c Minor Interval: 121.70 122.70 1c 122.70 122.90 2b 122.90 123.50 1d 123.50 124.20 2b 124.20 124.80 1d
124.80	130.20	2b Minor Interval: 124.80 130.20 2h
130.20	131.30	6b
131.30	143.70	2b Minor Interval: 131.30 139.00 2e 139.00 143.70 1d
143.70	148.10	1c Minor interval: 143.70 148.10 2b
148.10	164.40	2b Minor Interval: 148.10 164.40 1d



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Hole Number LT07-87

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
164.40	179.00	1c	
		Minor Interval:	
	167.60	168.10	2b
	168.10	172.80	1c
	172.80	173.30	2e
	173.30	174.90	2b
	174.90	175.30	2b
	175.30	176.80	2b
	176.80	177.30	2b
	177.30	177.70	1c
	177.70	178.10	2e
	178.10	179.00	QTZ
	164.40	165.40	1d
	165.40	165.70	6b
	165.70	167.60	1d
179.00	189.20	2b	
		Minor Interval:	
	179.00	189.20	1c
189.20	196.30	1c	
		Minor Interval:	
	189.20	196.30	2b
196.30	202.20	2b	
		Minor Interval:	
	196.30	201.50	1c
	201.50	201.90	6b
202.20	203.30	MD	



LITHOLOGY REPORT
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Hole Number LT07-87

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
203.30	205.20	2b
		Minor Interval:
	203.30	204.90 2b
	204.90	205.00 6b
	205.00	205.20 2b
205.20	230.50	4
		Minor Interval:
	205.20	205.80 8
	205.80	205.90 6b
	205.90	206.00 8
	206.00	206.20 6b
	206.20	212.30 8
	212.30	212.50 6b
	212.50	215.00 8
	215.00	215.10 6b
	215.10	215.20 8
	215.20	215.30 6b
	215.30	222.00 8
	222.00	222.90 6b
	222.90	224.60 8
	224.60	225.60 6b
	225.60	230.50 8
230.50	248.10	QMON
248.10	0.00	EOH



LITHOLOGY REPORT
- Summary -

Hole Number LT07-88

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
0.00	3.00	O/B
3.00	24.40	2c
		Minor Interval:
	3.00	24.40 1d



LITHOLOGY REPORT
- Summary -

Hole Number LT07-89

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
0.00	3.10	CAS
3.10	54.70	2b
		Minor Interval:
	3.10	22.00 2e
	22.00	46.00 1c
	46.00	54.70 QTZ
54.70	63.30	2d
		Minor Interval:
	54.70	60.00 2b
	60.00	60.40 6b
	60.40	60.50 2d
	60.50	60.60 6b
	60.60	62.00 2d
	62.00	62.20 6b
	62.20	62.50 2d
	62.50	62.70 6b
	62.70	63.30 2b
63.30	87.60	6b
87.60	101.60	2d
		Minor Interval:
	87.60	97.50 1d
	97.50	101.60 1c
101.60	105.10	6b



LITHOLOGY REPORT
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Hole Number LT07-89

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
105.10	112.00	2d Minor Interval: 105.10 112.00 1d
112.00	120.00	2b Minor Interval: 112.00 114.00 2e 114.00 120.00 1d
120.00	124.80	1c Minor Interval: 120.00 124.80 1d
124.80	128.60	2b Minor Interval: 124.80 128.60 2e
128.60	131.80	4
131.80	137.90	2d Minor Interval: 131.80 137.90 1d
137.90	140.00	1c
140.00	156.50	2b Minor Interval: 140.00 156.50 1c
156.50	160.10	2d



LITHOLOGY REPORT
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Hole Number **LT07-89**

Project: **NORTHERN DANCER PROJEC**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
160.10	164.30	2b Minor Interval: 156.50 165.10 1c 160.10 164.30
164.30	168.60	1d Minor Interval: 164.30 168.60 1c
168.60	171.50	2b
171.50	173.00	1c
173.00	183.20	2b Minor Interval: 173.00 177.00 2e 177.00 183.20 1c
183.20	195.50	2d Minor Interval: 183.20 188.30 1d 188.30 188.90 6b 188.90 193.90 2b 193.90 194.60 6e
195.50	201.80	2b
201.80	204.10	QTZ
204.10	210.30	1c



LITHOLOGY REPORT
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Hole Number LT07-89

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
210.30	224.70	2b		
		Minor Interval:		
		210.30	216.00	1c
		216.00	220.00	2e
		220.00	224.70	1c
224.70	227.10	1d		
		Minor Interval:		
		224.70	227.10	2b
227.10	246.30	2b		
246.30	248.60	MD		
248.60	250.80	2b		
250.80	253.60	MD		
253.60	260.60	2b		
		Minor Interval:		
		253.60	257.30	2e
		257.30	257.90	MD
		257.90	260.60	2e
260.60	262.50	6b		



LITHOLOGY REPORT
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Hole Number LT07-89

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
262.50	270.50	2b
		Minor Interval:
	262.50	262.80 MD
	262.80	263.70 1d
	263.70	263.80 MD
	263.80	264.60 2e
	264.60	264.70 6b
	264.70	270.50 1d
270.50	276.00	1d
		Minor Interval:
	270.50	272.80 1d
	272.80	273.10 2b
	273.10	275.30 1d
	275.30	276.00 1c
276.00	331.00	2b
		Minor Interval:
	276.00	295.00 1c
	295.00	303.00 2e
	303.00	307.70 1d
	307.70	308.80 2c
	308.80	317.00 2h
	317.00	317.80 MD
	317.80	323.10 1c
	323.10	324.20 2c
	324.20	331.00 1d
331.00	339.60	1d
		Minor Interval:
	331.00	339.00 2e



LITHOLOGY REPORT
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Hole Number LT07-89

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	
339.60	365.90	2b	
		Minor Interval:	
	339.60	343.30	1d
	343.30	343.70	QTZ
	343.70	346.50	1c
	346.50	347.00	MD
	347.00	349.60	2e
	349.60	352.20	2h
	352.20	359.50	1c
	359.50	360.00	2c
	360.00	365.90	1c
365.90	369.00	1d	
		Minor Interval:	
	365.90	366.90	1c
	366.90	367.20	2b
	367.20	367.60	QTZ
	367.60	367.90	2b
	367.90	369.00	1c
369.00	370.20	2b	
		Minor Interval:	
	369.00	370.20	2e
370.20	373.00	1c	



LITHOLOGY REPORT
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Hole Number LT07-89

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>
373.00	384.40	2b
		Minor Interval:
	373.00	373.90 2e
	373.90	376.70 1c
	376.70	379.10 2h
	379.10	383.30 1c
	383.30	383.50 2c
	383.50	384.40 1d
384.40	411.80	6b
411.80	0.00	EOH



LITHOLOGY REPORT
- Summary -

Hole Number LT07-90

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
0.00	3.00	O/B
3.00	23.50	1d Minor Interval: 12.80 15.00 SHR
23.50	27.80	2b
27.80	40.30	1c Minor Interval: 29.90 30.30 2e 30.50 31.10 2e 32.20 32.50 2e 35.40 35.80 BX
40.30	41.70	2e
41.70	49.20	1c Minor Interval: 46.30 46.60 6e 46.80 47.30 2e
49.20	50.30	6b
50.30	64.60	1c Minor Interval: 53.70 54.00 2e 59.70 60.80 2b 61.90 62.30 2e 62.70 63.40 6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-90

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
64.60	67.00	2e	
67.00	70.50	1c	
70.50	73.60	2b	
73.60	79.70	1c	
79.70	80.70	6a	
80.70	84.60	2e	
		Minor Interval:	
		83.50	83.70 4b
		84.00	84.40 1c
84.60	85.60	1c	
85.60	87.50	6b	
87.50	90.50	2e	
90.50	92.30	6a	
92.30	94.60	2e	
94.60	96.20	1c	



LITHOLOGY REPORT
- Summary -

Hole Number LT07-90

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
96.20	112.40	2e Minor Interval: 96.40 97.00 6c 106.10 106.50 6h 109.70 110.10 6b 110.50 111.30 6b
112.40	113.90	6c
113.90	128.20	2e Minor Interval: 121.50 121.90 1c 123.80 124.00 6c
128.20	138.80	2e Minor Interval: 137.20 137.60 7
138.80	141.10	2b
141.10	143.40	1d
143.40	153.80	2b Minor Interval: 146.20 146.70 1c 150.00 150.70 2e 153.00 153.60 1c
153.80	154.40	6h



LITHOLOGY REPORT
- Summary -

Hole Number LT07-90

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>
154.40	167.50	2e Minor Interval: 164.20 165.00 5
167.50	170.30	6a
170.30	178.60	8b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-91

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
0.00	3.00	CAS	
3.00	37.40	6f	
37.40	57.20	2b	
		Minor Interval:	
	37.40	42.80	
	42.80	43.00	6b
	43.00	54.00	1c
	54.00	54.30	5
	54.30	55.70	2h
	55.70	56.50	2c
	56.50	57.20	2e
57.20	62.60	5	
		Minor Interval:	
	57.20	57.50	5
	57.50	57.60	2b
	57.60	60.00	5
	60.00	60.30	2b
	60.30	60.60	5
	60.60	61.00	2e
	61.00	61.40	5
	61.40	61.50	1c
	61.50	61.60	5
	61.60	62.00	2e
	62.00	62.60	6b
62.60	68.30	2b	



LITHOLOGY REPORT
- Summary -

Hole Number LT07-91

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
68.30	69.70	6b
69.70	140.60	2b
		Minor Interval:
	69.70	74.50 2e
	74.50	74.90 6b
	74.90	76.00 2h
	76.00	76.60 6b
	76.60	77.10 2b
	77.10	77.80 6b
	77.80	110.00 2e
	110.00	110.20 6b
	110.20	115.00 2e
	115.00	127.20 1c
	127.20	127.90 6b
	127.90	135.00 1c
	135.00	140.60 2e
140.60	154.00	1c
		Minor Interval:
	140.60	146.60 2b
	146.60	148.00 2b
154.00	170.20	2b
		Minor Interval:
	154.10	159.00 1c
	159.00	163.10 2e
	163.10	163.40 6e
	163.40	170.20 2e
170.20	171.50	1c



LITHOLOGY REPORT
- Summary -

Hole Number LT07-91

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
171.50	214.70	2b		
		Minor Interval:		
		171.50	172.10	2e
		172.10	172.20	6b
		172.20	178.80	6b
		178.80	180.80	1c
		180.80	180.90	6b
		180.90	196.60	2e
		196.60	204.30	1c
		204.30	205.30	2c
		205.30	214.70	1d
214.70	217.00	1c		
		Minor Interval:		
		214.70	217.00	1d
217.00	235.70	2b		
		Minor Interval:		
		219.80	220.30	6b
		220.30	235.70	1c
		217.00	219.80	1c
235.70	243.20	6b		
243.20	297.20	MNZ		
297.20	300.20	QTZ		
300.20	0.00	EOH		



LITHOLOGY REPORT
- Summary -

Hole Number LT07-92

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>			<i>Lithology</i>
0.00	7.90	4		
7.90	13.50	1c		
13.50	17.20	4		
17.20	34.30	1c		
		Minor Interval:		
	17.20	20.00		1d
	20.00	21.70		2e
	21.70	22.60		8
	22.60	26.20		2e
	26.20	34.30		1d
34.30	42.00	2d		
		Minor Interval:		
	34.30	42.00		1d
42.00	45.20	1c		
		Minor Interval:		
	42.00	45.20		1d
45.20	51.00	2d		
		Minor Interval:		
	45.20	51.00		1d
51.00	52.70	1d		



LITHOLOGY REPORT
- Summary -

Hole Number LT07-92

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
52.70	61.20	1c		
		Minor Interval:		
		52.70	55.30	1d
		55.30	56.40	2h
		56.40	60.60	1d
		60.60	61.20	2c
61.20	63.80	8		
63.80	83.00	1c		
		Minor Interval:		
		63.80	67.90	2e
		67.90	69.40	2h
		69.40	76.10	1d
		76.10	76.40	2e
83.00	97.00	2b		
		Minor Interval:		
		83.00	88.40	1c
		88.40	89.40	4
		89.40	97.00	2e
97.00	98.50	4		



LITHOLOGY REPORT
- Summary -

Hole Number LT07-92

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
98.50	103.70	1c Minor Interval: 98.50 99.40 2b 99.40 99.80 8 99.80 101.50 2b 101.50 101.60 8 101.60 101.80 1c 101.80 102.10 8 102.10 103.70 1d
103.70	107.00	2e Minor Interval: 103.70 106.70 1c 106.70 107.00 8
107.00	109.40	1c Minor Interval: 107.00 109.40 2b
109.40	111.50	2b Minor Interval: 109.40 111.50 1c
111.50	114.10	1c Minor Interval: 111.50 111.80 8 111.80 114.10 2b
114.10	132.10	2b Minor Interval: 114.10 132.10 2e



LITHOLOGY REPORT
- Summary -

Hole Number LT07-92

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
132.10	133.40	6e	
133.40	137.40	MD	
137.40	152.70	2b	
		Minor Interval:	
	137.40	145.00	2h
	145.00	147.20	QTZ
	147.20	152.70	2h
152.70	173.20	1c	
		Minor Interval:	
	152.70	154.40	1c
	154.40	159.00	2b
	159.00	163.20	1d
	163.20	166.50	2b
	166.50	171.70	1c
	171.70	173.20	2b
173.20	178.90	2b	
178.90	181.50	1d	



LITHOLOGY REPORT
- Summary -

Hole Number **LT07-92**

Project: **NORTHERN DANCER PROJEC**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
181.50	202.70	2b
		Minor Interval:
	181.50	183.40 1c
	183.40	183.60 2c
	183.60	184.40 2h
	184.40	184.80 2c
	184.80	185.90 2e
	185.90	187.00 2h
	187.00	189.20 2e
	189.20	196.70 1d
	196.70	202.50 4
202.70	333.70	4
		Minor Interval:
	202.70	253.20 4
	253.20	253.30 6b
	253.30	267.00 4
	267.00	270.00 4
	270.00	271.00 MNZD
	271.00	327.00 4
	327.00	327.40 6a
	327.40	330.00 4
	330.00	333.70 4
333.70	334.30	QTZ
334.30	458.70	4
458.70	0.00	EOH



LITHOLOGY REPORT
- Summary -

Hole Number **LT07-95**

Project: **NORTHERN DANCER PROJEC**

Project Number: **001**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
0.00	13.70	2d Minor Interval: 0.00 13.70 1d
13.70	19.25	2h Minor Interval: 13.70 19.50 1c
19.25	19.80	6b Minor Interval: 19.25 19.80
19.80	28.30	2h
28.30	42.00	2d Minor Interval: 28.30 28.56 2d 28.56 28.62 6b 28.62 28.94 1c 28.94 29.00 6b 29.00 32.80 1c 32.80 33.00 6b 33.00 36.80 2b 36.80 38.00 2c 38.00 38.10 6b 38.10 42.00 2d
42.00	42.50	6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-95

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
42.50	84.00	2d	
		Minor Interval:	
	61.10	65.60	2e
	65.60	65.70	6b
	65.70	72.50	2e
	72.50	76.40	1c
	76.40	76.46	QFP
	76.46	76.55	1c
	76.55	76.70	QFP
	76.70	84.00	2h
	42.50	44.20	2h
	44.20	44.50	6b
	44.50	55.00	2e
	55.00	59.50	1d
	59.50	61.10	6b
84.00	86.80	1c	
		Minor Interval:	
	84.00	86.80	2e



LITHOLOGY REPORT
- Summary -

Hole Number LT07-95

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
86.80	101.00	2d	
		Minor Interval:	
	86.80	87.20	1c
	87.20	87.30	QFP
	87.30	89.60	2d
	89.60	89.63	QFP
	89.63	92.00	2e
	92.00	93.20	1c
	93.20	96.20	2e
	96.20	96.50	QFP
	96.50	99.80	2e
	99.80	99.90	QFP
	99.90	101.00	1c
101.00	105.20	1c	
105.20	128.50	2d	
		Minor Interval:	
	105.20	120.40	2d
	120.40	122.00	QFP
	122.00	122.90	2d
	122.90	123.00	2c
	123.00	126.60	2e
	126.60	126.70	QFP
	126.70	126.90	2d
	126.90	127.40	QFP
	127.40	128.50	2d
128.50	130.50	QFP	



LITHOLOGY REPORT
- Summary -

Hole Number LT07-95

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
130.50	138.00	2d Minor Interval: 130.50 134.70 2e 134.70 135.00 QFP 135.00 138.00 2b
138.00	140.10	QFP Minor Interval: 138.00 140.10 2d
140.10	149.00	2e Minor Interval: 140.10 145.10 2e 145.10 145.30 QFP 145.30 145.70 2e 145.70 146.00 QFP 146.00 146.30 1c 146.30 147.10 QFP 147.10 147.60 2d 147.60 147.70 QFP 147.70 149.00 2e
149.00	151.80	1c Minor Interval: 149.00 151.80 2b
151.80	154.50	2d Minor Interval: 151.80 154.50 2h



LITHOLOGY REPORT
- Summary -

Hole Number LT07-95

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
154.50	155.40	QFP		
		Minor Interval:		
		154.50	155.00	
155.40	158.00	2b		
		Minor Interval:		
		155.40	158.00	1c
158.00	159.80	1c		
159.80	179.80	QFP		
		Minor Interval:		
		159.80	174.70	QFP
		174.70	175.00	6a
		175.00	179.80	QFP
179.80	187.80	6a		
		Minor Interval:		
		179.80	186.70	6a
		186.70	187.80	6b
187.80	199.70	2b		
		Minor Interval:		
		187.80	193.10	2h
		193.10	193.80	6b
		193.80	194.70	2h
		194.70	194.80	6b
		194.80	197.70	1c
		197.70	200.50	6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-95

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>		
199.70	201.80	6b		
		Minor Interval:		
		200.50	200.90	2b
		200.90	201.80	6b
201.80	208.60	2b		
		Minor Interval:		
		201.80	210.00	6e
208.60	277.00	6b		
		Minor Interval:		
		210.00	213.00	6a
		213.00	213.30	QTZ
		213.30	232.00	6b
		232.00	277.00	6b
277.00	285.00	QTZ		
		Minor Interval:		
		277.00	277.70	6f
		277.70	278.40	6e
		278.40	278.70	6b
		278.70	278.90	6e
		278.90	280.20	6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-95

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>
285.00	307.50	6b
		Minor Interval:
	285.00	289.60 6b
	289.60	290.80 QTZ
	290.80	300.20 6b
	300.20	300.30 QTZ
	300.30	300.60 6b
	300.60	300.70 QTZ
	300.70	307.50 6b
307.50	310.50	QTZ
310.50	342.90	6b
342.90	0.00	EOH



LITHOLOGY REPORT
- Summary -

Hole Number LT07-96

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
0.00	4.50	O/B
4.50	18.10	1c
		Minor Interval:
	4.50	18.10 2c
18.10	21.00	2c
21.00	22.00	6a
22.00	24.00	2c
24.00	29.90	2e
29.90	30.30	6a
30.30	70.40	2c
		Minor Interval:
	30.30	70.40 1c
70.40	75.50	6a
		Minor Interval:
	74.60	75.50 2c
75.50	99.90	2c
		Minor Interval:
	90.60	91.50 2b
	95.20	95.60 6a
	98.40	98.90 6a



LITHOLOGY REPORT
- Summary -

Hole Number LT07-96

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
99.90	104.70	4
104.70	129.30	2c
129.30	132.10	1c
	Minor Interval:	
	129.30 132.10	2c
132.10	149.70	2c
149.70	158.90	1d
	Minor Interval:	
	149.70 151.80	2b
	151.80 152.40	6e
	152.40 158.90	2b
158.90	179.10	2c
	Minor Interval:	
	158.90 161.90	1c
	161.90 162.10	6e
	168.90 169.30	7
	172.00 179.10	1c
179.10	227.80	6b
	Minor Interval:	
	211.70 212.00	4
	217.20 217.70	2b
	185.10 185.60	6f
	220.40 221.60	6f



LITHOLOGY REPORT
- Summary -

Hole Number LT07-96

Project: NORTHERN DANCER PROJEC

Project Number: 001

From (m)	To (m)	Lithology
227.80	228.30	6b
228.30	231.10	6b Minor Interval: 228.30 231.10 7
231.10	237.80	2b Minor Interval: 234.55 234.70 6b
237.80	240.30	1d Minor Interval: 239.40 239.60 2e
240.30	244.90	2b Minor Interval: 241.70 242.30 BX 243.30 243.70 BX
244.90	246.00	7
246.00	251.50	1d Minor Interval: 246.00 246.50 2b 248.20 249.10 2b
251.50	253.90	2b
253.90	254.70	6g Minor Interval: 254.50 254.70 6g



LITHOLOGY REPORT
- Summary -

Hole Number LT07-96

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
254.70	260.60	2b Minor Interval: 256.70 257.10 BX 257.40 258.30 1d
260.60	263.90	BX
263.90	266.50	2e
266.50	267.70	6e
267.70	280.40	2b Minor Interval: 275.30 275.90 2c 276.70 280.40 6b
280.40	281.90	6e
281.90	284.80	7 Minor Interval: 283.30 283.90 6e 284.10 284.40 2e
284.80	290.50	1c Minor Interval: 287.60 288.50 2b 285.70 286.20 6b



LITHOLOGY REPORT
- Summary -

Hole Number LT07-96

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
290.50	302.20	6a Minor Interval: 297.30 302.20 6a
302.20	305.30	1c
305.30	319.50	2b Minor Interval: 307.25 307.70 6b 309.60 309.95 1c 309.95 310.05 6b 310.05 310.50 1c 310.50 310.70 6b 312.90 313.20 1c 314.60 314.90 6a 315.10 315.30 6b
319.50	320.70	BX
320.70	328.20	2b Minor Interval: 323.80 324.20 2e 327.10 327.30 6c
328.20	330.70	4 Minor Interval: 330.20 330.70 BX



LITHOLOGY REPORT
- Summary -

Hole Number LT07-96

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>
330.70	346.40	2b Minor Interval: 337.30 338.00 8 333.80 334.10 2e 345.80 346.40 BX
346.40	354.50	2e Minor Interval: 352.80 353.00 6e
354.50	355.80	5 Minor Interval: 355.30 355.60 6g
355.80	359.00	2b Minor Interval: 355.80 356.60 2b
359.00	363.40	2e
363.40	367.90	2b Minor Interval: 363.80 364.10 2e 365.10 365.70 2e
367.90	371.60	2e
371.60	379.30	2b Minor Interval: 376.80 377.20 2e 379.00 379.30 2c



LITHOLOGY REPORT
- Summary -

Hole Number LT07-96

Project: NORTHERN DANCER PROJEC

Project Number: 001

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	
379.30	380.40	6b	
380.40	383.40	2e	
383.40	385.80	1d	
		Minor Interval:	
	383.40	383.60	6a
385.80	390.50	2e	
		Minor Interval:	
	387.10	387.40	SHR
	389.50	389.80	SHR
390.50	394.10	BX	
		Minor Interval:	
	392.20	394.10	2b
394.10	396.00	BX	
		Minor Interval:	
	394.10	394.40	6b
	394.80	395.10	6b
396.00	396.30	4	

Appendix 5: Original Assay Certificates
2007 Program, Northern Dancer Project
Largo Resources Ltd.



ACME ANALYTICAL LABORATORIES LTD.

852 E. Hastings St. Vancouver BC V6A 1R6 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

August 20, 2007

Report Date:

October 09, 2007

Page:

1 of 4

CERTIFICATE OF ANALYSIS

SMI07000023.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND03
P.O. Number: ACME File: A718245
Number of Samples: 65

SAMPLE DISPOSAL

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

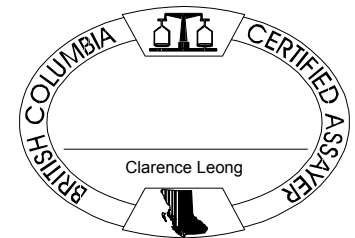
Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
YKRP	65	Crush and Split at Remote Prep		Completed
P150	65	Pulverize to 150 mesh		
7KP	65	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



ACME ANALYTICAL LABORATORIES LTD.
852 E. Hastings St. Vancouver BC V6A 1R6 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: October 09, 2007

Page: 2 of 4 **Part** 1

CERTIFICATE OF ANALYSIS

SMI0700023.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
641501	Rock	2.4	0.006 0.040
641502	Rock	4.2	0.017 0.022
641503	Rock	6.3	0.009 0.045
641504	Rock	3	0.012 0.126
641505	Rock	3.6	0.035 0.088
641506	Rock	5.5	0.014 0.078
641507	Rock	5.1	0.052 0.342
641508	Rock	4.1	0.014 0.051
641509	Rock	6.1	0.022 0.241
641510	Rock	6.4	0.023 0.192
641511	Rock	5.2	0.011 0.064
641512	Rock	4.3	0.006 0.018
641513	Rock	5.4	0.008 0.010
641514	Rock	5.2	0.009 0.020
641515	Rock	5.2	0.008 0.026
641516	Rock	3.6	0.023 0.018
641517	Rock	6.4	0.029 0.059
641518	Rock	7.3	0.012 0.018
641519	Rock	6.1	0.011 0.022
641520	Rock	6.4	0.035 0.052
641521	Rock	4.3	0.010 0.017
641522	Rock	3.4	0.010 0.048
641523	Rock	5.3	0.058 0.053
641524	Rock	3.8	0.086 0.020
641525	Rock	5	0.064 0.080
641526	Rock	6.8	0.032 0.187
641527	Rock	6.8	0.016 0.055
641528	Rock	4.4	0.043 0.075
641529	Rock	5.9	0.015 0.115
641530	Rock	2.4	0.013 0.033



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Client: Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: October 09, 2007

Page: 3 of 4 **Part** 1

CERTIFICATE OF ANALYSIS

SMI0700023.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
641531	Rock	2.4	0.011 0.030
641532	Rock	0.9	<0.001 <0.001
641533	Rock		0.073 0.002
641534	Rock	4.5	0.009 0.091
641535	Rock	6.7	0.007 0.049
641536	Rock	6.4	0.010 0.026
641537	Rock	5.9	0.018 0.030
641538	Rock	5.7	0.026 0.028
641539	Rock	5.2	0.048 0.046
641540	Rock	4.8	0.038 0.036
641541	Rock	6.9	0.042 0.164
641542	Rock	6.8	0.025 0.051
641543	Rock	6.8	0.009 0.040
641544	Rock	6.1	0.013 0.040
641545	Rock	5.4	0.017 0.027
641546	Rock	6	0.017 0.021
641547	Rock	5.9	0.024 0.158
641548	Rock	6.1	0.069 0.053
641549	Rock	6.2	0.004 0.032
641550	Rock	5.9	0.005 0.033
641551	Rock	1.4	0.007 0.045
641552	Rock	6.1	0.011 0.046
641553	Rock	6	0.018 0.059
641554	Rock	5.5	0.018 0.039
641555	Rock	6.1	0.012 0.072
641556	Rock	6.1	0.013 0.043
641557	Rock	3.7	0.029 0.250
641558	Rock	5.4	0.058 0.172
641559	Rock	5	0.017 0.087
641560	Rock	4.1	0.018 0.053



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Project:

Northern Dancer

Report Date:

October 09, 2007

Page:

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Part 1

CERTIFICATE OF ANALYSIS

SMI0700023.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.001	
641561	Rock	3.8	0.049	0.165
641562	Rock	4.1	0.028	0.016
641563	Rock	3.2	0.018	0.266
641564	Rock	3.2	0.013	0.137
641565	Rock		0.075	0.001



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Project: Northern Dancer

Report Date: October 09, 2007

Page: 1 of 1 **Part** 1

QUALITY CONTROL REPORT

SMI07000023.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
Pulp Duplicates			
641501	Rock	2.4	0.006 0.040
REP 641501	QC		0.006 0.040
641562	Rock	4.1	0.028 0.016
REP 641562	QC		0.028 0.016
Reference Materials			
STD KP-1	Standard	0.233	0.764
STD KP-1	Standard	0.234	0.759
STD KP-1	Standard	0.225	0.752
STD KP-1	Standard	0.236	0.769
STD KP-1 Expected		0.22	0.74
BLK	Blank	<0.001	<0.001
BLK	Blank	<0.001	<0.001
Prep Wash			
G1	Prep Blank	0.002	<0.001



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Client: **Largo-Farshid Resources**

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 Suite 820 P.O. Box 71
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Submitted By: Lorie Farrell
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: August 28, 2007
 Report Date: November 02, 2007
 Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI07000073.1

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07ND05
 P.O. Number: ACME FILE: A718289
 Number of Samples: 138

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	136	Crush, split and pulverize drill core to 150 mesh		Completed
7KP	136	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

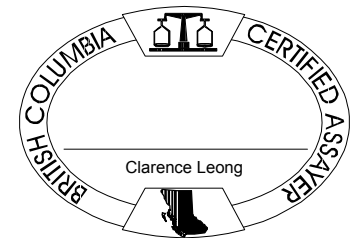
SAMPLE DISPOSAL

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
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 Suite 820 P.O. Box 71
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 Canada

CC:



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Project:

Northern Dancer

Report Date:

November 02, 2007

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Part 1

CERTIFICATE OF ANALYSIS

SMI07000073.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
641566	Rock	L.N.R.	L.N.R.	L.N.R.
641567	Rock	4.4	0.016	0.107
641568	Rock	2.7	0.029	0.040
641569	Rock	2	0.034	0.294
641570	Rock	4	0.041	0.145
641571	Rock	6.4	0.017	0.161
641572	Rock	6.2	0.010	0.029
641573	Rock	3.4	0.024	0.035
641574	Rock	5.2	0.030	0.096
641575	Rock	3.2	0.046	0.273
641576	Rock	4.9	0.258	1.105
641577	Rock	6.3	0.032	0.102
641578	Rock	6.4	0.020	0.210
641579	Rock	6.3	0.023	0.212
641580	Rock	8.4	0.041	0.114
641581	Rock	4.9	0.028	0.111
641582	Rock	6	0.011	0.058
641583	Rock	6.7	0.013	0.061
641584	Rock	5.5	0.021	0.043
641585	Rock	7.2	0.017	0.060
641586	Rock	6.8	0.010	0.067
641587	Rock	6.1	0.016	0.069
RRE 641587	Rock		0.013	0.050
641588	Rock	L.N.R.	L.N.R.	L.N.R.
641589	Rock	6.9	0.016	0.048
641590	Rock	6.6	0.016	0.057
641591	Rock	6.5	0.023	0.102
641592	Rock	6.7	0.014	0.031
641593	Rock	7.3	0.036	0.098
641594	Rock	6.4	0.043	0.131



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Project: Northern Dancer

Report Date: November 02, 2007

Page: 3 of 6 **Part** 1

CERTIFICATE OF ANALYSIS

SMI07000073.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
641595	Rock	6.9	0.046	0.291
641596	Rock	3.5	0.040	0.120
641597	Rock	3.4	0.050	0.088
641598	Rock	0.6	<0.001	<0.005
641599	Rock Pulp		0.070	<0.005
641600	Rock	6.5	0.026	0.066
641601	Rock	6.2	0.020	0.055
641602	Rock	6.3	0.015	0.039
641603	Rock	6.4	0.014	0.067
641604	Rock	6.8	0.015	0.035
641605	Rock	7	0.024	0.050
641606	Rock	7.1	0.025	0.055
641607	Rock	5.7	0.040	0.050
641608	Rock	6.5	0.030	0.049
641609	Rock	6.5	0.038	0.068
641610	Rock	5.5	0.040	0.054
641611	Rock	6.6	0.033	0.043
641612	Rock	6.9	0.080	0.043
641613	Rock	6.4	0.012	0.054
641614	Rock	6.4	0.025	0.056
641615	Rock	6.5	0.018	0.052
641616	Rock	6.2	0.026	0.064
641617	Rock	6.6	0.034	0.027
641618	Rock	6.3	0.016	0.032
641619	Rock	6.6	0.016	0.035
641620	Rock	6.4	0.014	0.055
641621	Rock	4.5	0.019	0.059
641622	Rock	2.6	0.031	0.015
641623	Rock	7.2	0.014	0.039
641624	Rock	5.8	0.014	0.032



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Project: Northern Dancer

Report Date: November 02, 2007

Page: 4 of 6 **Part** 1

CERTIFICATE OF ANALYSIS

SMI07000073.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641625	Rock	3.1	0.015 0.050
641626	Rock	2.8	0.041 0.014
641627	Rock	6.4	0.015 0.082
RRE 641627	Rock		0.016 0.087
641628	Rock	6	0.031 0.112
641629	Rock	1.5	0.036 0.063
641630	Rock	1.4	0.043 0.069
641631	Rock	0.6	<0.001 <0.005
641632	Rock Pulp		0.001 1.002
641633	Rock	7.1	0.019 0.125
641634	Rock	4.7	0.043 0.106
640613	Rock	4.1	0.017 0.103
640614	Rock	2.5	0.021 0.166
640615	Rock	4.9	0.011 0.066
640616	Rock	4.2	0.009 0.030
640617	Rock	4.7	0.013 0.049
640618	Rock	4.7	0.007 0.043
640619	Rock	3.7	0.023 <0.005
640620	Rock	4.4	0.006 0.015
640621	Rock	4.4	0.071 0.098
640622	Rock	4.4	0.008 <0.005
640623	Rock	4.4	0.013 0.014
640624	Rock	4.4	0.030 0.102
640625	Rock	4.7	0.136 0.191
640626	Rock	4.3	0.017 0.147
640627	Rock	4.6	0.045 0.018
640628	Rock	4.8	0.038 0.130
640629	Rock	4.4	0.012 0.025
640630	Rock	2	0.011 0.028
640631	Rock	0.8	<0.001 <0.005



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Project: Northern Dancer

Report Date: November 02, 2007

Page: 5 of 6 **Part** 1

CERTIFICATE OF ANALYSIS

SMI07000073.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640632	Rock Pulp	0.071	<0.005
640633	Rock	4.4	0.011
RRE 640633	Rock	0.010	0.019
640634	Rock	4.7	0.020
640635	Rock	4.5	0.006
640636	Rock	4.4	0.015
640637	Rock	3	0.015
640638	Rock	4.1	0.009
640639	Rock	2.4	0.015
640640	Rock	4.1	0.015
640641	Rock	4.9	0.021
640642	Rock	4.6	0.015
640643	Rock	3.8	0.035
640644	Rock	5.3	0.010
640645	Rock	4.3	0.011
640646	Rock	5	0.007
640647	Rock	4.8	0.022
640648	Rock	4.2	0.028
640649	Rock	5.4	0.012
640650	Rock	4.7	0.048
640651	Rock	4.7	0.020
640652	Rock	5.1	0.017
640653	Rock	4.9	0.008
640654	Rock	4.9	0.008
640655	Rock	5.3	0.020
640656	Rock	4.4	0.006
640657	Rock	5	0.012
640658	Rock	5.1	0.011
RRE 640658	Rock	0.013	0.047
640659	Rock	5.1	0.012

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Project:

Northern Dancer

Report Date:

November 02, 2007

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Part 1

CERTIFICATE OF ANALYSIS

SMI07000073.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
640660	Rock	5	0.010	0.118
640661	Rock	4.7	0.011	0.026
640662	Rock	2.4	0.003	0.016
640663	Rock	2.5	0.002	0.011
640664	Rock	1.2	<0.001	<0.005
640665	Rock Pulp		<0.001	1.218
640666	Rock	5.3	0.019	0.071
640667	Rock	5.7	0.016	0.058
640668	Rock	4.9	0.007	0.046
640669	Rock	4.2	0.006	0.018
640670	Rock	3.8	0.007	0.036
640671	Rock	4.9	0.015	0.148
640672	Rock	4.2	0.011	0.074
640673	Rock	4.1	0.004	0.042
640674	Rock	4.7	0.015	0.119
640675	Rock	4.3	0.010	0.174
640676	Rock	4.6	0.009	0.055
640677	Rock	2.8	0.012	0.145



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Northern Dancer

Report Date:

November 02, 2007

Page:

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Part 1

QUALITY CONTROL REPORT

SMI07000073.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
641590	Rock	6.6	0.016 0.057
REP 641590	QC		0.016 0.057
640626	Rock	4.3	0.017 0.147
REP 640626	QC		0.017 0.148
640660	Rock	5	0.010 0.118
REP 640660	QC		0.010 0.119
Reference Materials			
STD KP-1	Standard		0.239 0.774
STD KP-1	Standard		0.229 0.864
STD KP-1	Standard		0.221 0.765
STD KP-1	Standard		0.221 0.763
STD KP-1	Standard		0.229 0.773
STD KP-1	Standard		0.232 0.806
STD KP-1	Standard		0.215 0.723
STD KP-1	Standard		0.204 0.730
STD KP-1	Standard		0.226 0.717
STD KP-1	Standard		0.230 0.714
STD KP-1 Expected			0.22 0.74
BLK	Blank		<0.001 <0.005
BLK	Blank		<0.001 <0.005
BLK	Blank		<0.001 <0.005
BLK	Blank		<0.001 <0.005
BLK	Blank		<0.001 <0.005
Prep Wash			
G1	Prep Blank		<0.01 <0.001 <0.005



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Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

September 13, 2007

Report Date:

November 02, 2007

Page:

1 of 7

CERTIFICATE OF ANALYSIS

SMI07000130.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND07/08/09
P.O. Number: ACME FILE: A718326
Number of Samples: 161

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	157	Crush, split and pulverize rock to 150 mesh		
7KP	160	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

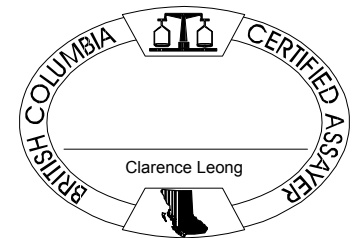
SAMPLE DISPOSAL

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:



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Project: Northern Dancer

Report Date: November 02, 2007

Page: 2 of 7 **Part** 1

CERTIFICATE OF ANALYSIS

SMI07000130.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640678	Drill Core	4.4	0.017 0.037
640679	Drill Core	3.9	0.009 0.038
640680	Drill Core	3	0.007 0.056
640681	Drill Core	6	0.012 0.035
640682	Drill Core	5.6	0.023 0.051
640683	Drill Core	4.4	0.019 0.074
640684	Drill Core	4.8	0.012 0.008
640685	Drill Core	4.4	0.090 0.162
640686	Drill Core	4.7	0.006 0.024
640687	Drill Core	4.7	0.006 0.008
640688	Drill Core	4.9	0.026 0.082
640689	Drill Core	4.7	0.011 0.027
640690	Drill Core	4.3	0.003 0.019
640691	Drill Core	4.4	0.008 0.011
640692	Drill Core	4.4	0.014 0.008
640693	Drill Core	4.7	0.003 0.012
640694	Drill Core	4.7	0.005 0.014
640695	Drill Core	2.5	0.003 0.023
640696	Drill Core	1.8	0.004 0.020
640697	Drill Core	0.9	<0.001 <0.005
RRE 640697	Drill Core	<0.001	<0.005
640698	Rock Pulp	0.069	<0.005
640699	Drill Core	4.7	0.023 0.017
640700	Drill Core	3.9	0.007 0.036
640701	Drill Core	4.8	0.009 0.016
640702	Drill Core	4.8	0.005 0.023
640703	Drill Core	4.4	0.031 0.014
640704	Drill Core	4.4	0.009 0.023
640705	Drill Core	3.4	0.008 0.017
640706	Drill Core	3.8	0.008 0.094



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Project: Northern Dancer

Report Date: November 02, 2007

Page: 3 of 7 **Part** 1

CERTIFICATE OF ANALYSIS

SMI07000130.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640707	Drill Core	4.2	0.004 0.011
640708	Drill Core	4.4	0.016 0.050
640709	Drill Core	4.1	0.036 0.078
640710	Drill Core	2.5	0.013 0.038
640711	Drill Core	6.8	0.011 0.025
640712	Drill Core	4.7	0.016 0.040
640713	Drill Core	4.4	0.009 0.033
640714	Drill Core	4.4	0.006 0.036
640715	Drill Core	4.4	0.010 0.023
640716	Drill Core	4.9	0.006 0.022
640717	Drill Core	4.8	0.009 0.023
640718	Drill Core	3.9	0.012 0.028
640719	Drill Core	3.9	0.005 0.062
640720	Drill Core	4.6	0.008 0.037
640721	Drill Core	4.7	0.007 0.061
RRE 640721	Drill Core		0.007 0.061
640722	Drill Core	4.4	0.006 0.041
640723	Drill Core	4.7	0.008 0.019
640724	Drill Core	4.8	0.008 0.218
640725	Drill Core		0.013 0.039
640726	Drill Core	4.5	0.035 0.035
641635	Drill Core	7.3	0.027 0.184
641636	Drill Core	6.3	0.017 0.101
641637	Drill Core	6.1	0.028 0.108
641638	Drill Core	7.4	0.022 0.037
641639	Drill Core	3.7	0.014 0.041
641640	Drill Core	4.7	0.010 0.130
641641	Drill Core	4.1	0.014 0.019
641642	Drill Core	4.1	0.018 0.149
641643	Drill Core	4.2	0.012 0.062



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Project: Northern Dancer

Report Date: November 02, 2007

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CERTIFICATE OF ANALYSIS

SMI07000130.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641644	Drill Core	6.7	0.020 0.220
641645	Drill Core	2.9	0.018 0.303
641646	Drill Core	3.4	0.029 0.110
641647	Drill Core	4.1	0.011 0.114
641648	Drill Core	4	0.073 0.190
641649	Drill Core	6.4	0.023 0.156
641650	Drill Core	6.8	0.020 0.211
641651	Drill Core	6.4	0.028 0.164
641652	Drill Core	6.8	0.033 0.227
641653	Drill Core	6.5	0.017 0.252
641654	Drill Core	6.2	0.021 0.154
641655	Drill Core	6.4	0.019 0.145
641656	Drill Core	3.4	0.007 0.065
641657	Drill Core	6	0.013 0.276
641658	Drill Core	6.4	0.029 0.070
641659	Drill Core	3.3	0.029 0.353
641660	Drill Core	6.4	0.009 0.166
641661	Drill Core	6.8	0.012 0.256
641662	Drill Core	2.6	0.022 0.112
641663	Drill Core	3	0.023 0.115
641664	Drill Core	0.7	<0.001 <0.005
641665	Drill Core	L.N.R.	L.N.R. L.N.R.
641666	Drill Core	6.4	0.044 0.033
RRE 641666	Drill Core		0.048 0.031
641667	Drill Core	7.5	0.024 0.062
641668	Drill Core	5.4	0.031 0.168
641669	Drill Core	6.4	0.023 0.197
641670	Drill Core	4.1	0.016 0.244
641671	Drill Core	5.9	0.011 0.399
641672	Drill Core	7.3	0.017 0.406



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CERTIFICATE OF ANALYSIS

SMI07000130.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641673	Drill Core	6.8	0.022 0.442
641674	Drill Core	6.6	0.010 0.615
641675	Drill Core	7.1	0.035 0.808
641676	Drill Core	6.5	0.016 1.063
641677	Drill Core	4.4	0.108 0.073
641678	Drill Core	6.4	0.019 0.051
641679	Drill Core	6.4	0.020 0.122
641680	Drill Core	6	0.013 0.021
641681	Drill Core	6.9	0.017 0.063
641682	Drill Core	4.4	0.012 0.044
641683	Drill Core	4	0.020 0.100
641684	Drill Core	3.5	0.008 0.054
641685	Drill Core	6.3	0.028 0.062
641686	Drill Core	6.6	0.012 0.042
641687	Drill Core	6.8	0.020 0.081
641688	Drill Core	5.7	0.017 0.099
641689	Drill Core	6.2	0.030 0.089
641690	Drill Core	6.6	0.014 0.137
641691	Drill Core	5.6	0.030 0.066
641692	Drill Core	5.4	0.020 0.085
641693	Drill Core	3.8	0.008 0.059
641694	Drill Core	6	0.008 0.037
641695	Drill Core	3.1	0.014 0.056
641696	Drill Core	3.3	0.013 0.082
641697	Drill Core	1.3	<0.001 <0.005
641698	Rock Pulp		<0.001 1.013
641699	Drill Core	6.3	0.024 0.040
641700	Drill Core	6.5	0.008 0.169
641701	Drill Core	7.3	0.021 0.128
641702	Drill Core	6.2	0.086 0.025



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Report Date: November 02, 2007

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CERTIFICATE OF ANALYSIS

SMI07000130.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641703	Drill Core	3.6	0.011 0.022
641704	Drill Core	4.1	0.027 0.171
RRE 641704	Drill Core		0.024 0.106
641705	Drill Core	5.6	0.026 0.402
641706	Drill Core	4.4	0.022 0.075
641707	Drill Core	4.8	0.007 0.019
641708	Drill Core	5.9	0.016 0.104
641709	Drill Core	7.4	0.015 0.068
641710	Drill Core	4.1	0.006 0.029
641711	Drill Core	6.7	0.012 0.042
641712	Drill Core	6.5	0.012 0.078
641713	Drill Core	6.4	0.016 0.115
641714	Drill Core	6.6	0.010 0.105
641715	Drill Core	6.4	0.003 0.090
641716	Drill Core	7.3	0.008 0.125
641717	Drill Core	6.1	0.007 0.135
641718	Drill Core		0.003 0.103
641719	Drill Core	6.1	0.005 0.087
641720	Drill Core	6.4	0.003 0.127
641721	Drill Core	5.5	0.005 0.109
641722	Drill Core	3.4	0.002 0.181
641723	Drill Core	6.6	0.009 0.114
641724	Drill Core	6.5	0.004 0.116
641725	Drill Core	7.3	0.012 0.121
641726	Drill Core	6.4	0.015 0.148
641727	Drill Core	7	0.007 0.211
641728	Drill Core	3.2	0.005 0.105
641729	Drill Core	2.6	0.005 0.137
641730	Drill Core	0.9	<0.001 0.046
641731	Rock Pulp		0.063 0.032



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CERTIFICATE OF ANALYSIS

SMI07000130.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
641732	Drill Core	6.6	0.006	0.170
641733	Drill Core	6.8	0.008	0.150
641734	Drill Core	4.4	0.006	0.155
641735	Drill Core	5.6	0.004	0.104
641736	Drill Core	5.2	0.007	0.093
RRE 641736	Drill Core		0.008	0.086
641737	Drill Core	6.4	0.008	0.132
641738	Drill Core	6.4	0.009	0.136
641739	Drill Core	6.8	0.011	0.183
641740	Drill Core	6.7	0.007	0.129
641741	Drill Core	7.2	0.010	0.219



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Part 1

QUALITY CONTROL REPORT

SMI07000130.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
640680	Drill Core	3	0.007 0.056
REP 640680	QC		0.007 0.060
641639	Drill Core	3.7	0.014 0.041
REP 641639	QC		0.014 0.040
641669	Drill Core	6.4	0.023 0.197
REP 641669	QC		0.023 0.217
641691	Drill Core	5.6	0.030 0.066
REP 641691	QC		0.030 0.068
641721	Drill Core	5.5	0.005 0.109
REP 641721	QC		0.005 0.106
Reference Materials			
STD KP-1	Standard		0.223 0.771
STD KP-1	Standard		0.223 0.900
STD KP-1	Standard		0.217 0.750
STD KP-1	Standard		0.221 0.775
STD KP-1	Standard		0.224 0.756
STD KP-1	Standard		0.228 0.818
STD KP-1	Standard		0.226 0.722
STD KP-1	Standard		0.225 0.712
STD KP-1	Standard		0.221 0.766
STD KP-1	Standard		0.221 0.767
STD KP-1	Standard		0.223 0.753
STD KP-1	Standard		0.221 0.754
STD KP-1 Expected			0.22 0.74
BLK	Blank		<0.001 0.071
BLK	Blank		<0.001 <0.005
BLK	Blank		<0.001 <0.005
BLK	Blank		<0.001 <0.005



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Part 1

QUALITY CONTROL REPORT

SMI07000130.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
Prep Wash				
G1	Prep Blank	<0.01	<0.001	<0.005



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65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Submitted By: Lorie Farrell
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: October 01, 2007
 Report Date: November 14, 2007
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CERTIFICATE OF ANALYSIS

SMI07000151.1

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07ND10-12
 P.O. Number: ACME FILE: A718353
 Number of Samples: 429

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	415	Crush, split and pulverize drill core to 150 mesh		
7KP	429	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

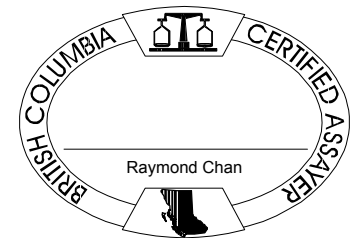
SAMPLE DISPOSAL

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
 65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5
 Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: November 14, 2007

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CERTIFICATE OF ANALYSIS

SMI07000151.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640727	Drill Core	4.8	0.007 0.012
640728	Drill Core	1.6	0.028 0.010
640729	Drill Core	1.5	0.026 0.024
640730	Drill Core	1.1	<0.001 <0.005
640731	Drill Core		0.001 1.078
640732	Drill Core	6.4	0.021 0.038
640733	Drill Core	2.4	0.043 0.018
640734	Drill Core	3.9	0.033 0.024
640735	Drill Core	4.6	0.032 0.019
640736	Drill Core	4.4	0.024 0.009
640737	Drill Core	4.2	0.024 <0.005
640738	Drill Core	4.4	0.013 0.019
640739	Drill Core	4.4	0.007 0.018
640740	Drill Core	4.3	0.021 0.009
640741	Drill Core	4.4	0.007 0.011
640742	Drill Core	4.3	0.008 0.014
640743	Drill Core	4.7	0.015 0.016
RRE 640743	Drill Core		0.015 0.023
640744	Drill Core	4.1	0.011 0.016
640745	Drill Core	4.4	0.020 0.011
640746	Drill Core	4.4	0.016 0.024
640747	Drill Core	4.6	0.011 0.041
640748	Drill Core	4.3	0.012 0.022
640749	Drill Core	4.5	0.017 <0.005
640750	Drill Core	4.8	0.012 0.034
640751	Drill Core	4.6	0.012 0.022
640752	Drill Core	4.4	0.010 0.037
640753	Drill Core	3.8	0.014 0.023
640754	Drill Core	4.1	0.012 0.037
640755	Drill Core	3.9	0.017 0.045



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CERTIFICATE OF ANALYSIS

SMI07000151.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640756	Drill Core	4.2	0.007 0.020
640757	Drill Core	4.8	0.006 0.029
640758	Drill Core	3.4	0.005 0.019
640759	Drill Core	4.3	0.021 0.041
640760	Drill Core	3.9	0.025 0.016
640761	Drill Core	0.8	0.023 0.045
640762	Drill Core	0.6	0.019 0.056
640763	Drill Core		0.071 <0.005
640764	Drill Core	0.5	<0.001 <0.005
640765	Drill Core	4.8	0.016 0.019
640766	Drill Core	5.7	0.029 0.031
640767	Drill Core	4.6	0.016 0.041
640768	Drill Core	4.4	0.012 0.046
640769	Drill Core	5.1	0.016 0.134
640770	Drill Core	5.1	0.007 0.045
640771	Drill Core	2.1	0.019 0.020
640772	Drill Core	3	0.020 0.069
640773	Drill Core	5.9	0.022 0.037
640774	Drill Core	4.9	0.007 0.025
640775	Drill Core	3.6	0.016 0.091
640776	Drill Core	4.9	0.011 0.105
640777	Drill Core	4.2	0.012 0.458
640778	Drill Core	4.7	0.017 0.056
RRE 640778	Drill Core		0.015 0.053
640779	Drill Core	3.9	0.014 0.051
640780	Drill Core	4.9	0.007 0.042
640781	Drill Core	5.1	0.008 0.033
640782	Drill Core	1.1	0.014 0.019
640783	Drill Core	4.8	0.022 0.035
640784	Drill Core	4.6	0.008 0.036



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CERTIFICATE OF ANALYSIS

SMI07000151.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640785	Drill Core	4.9	0.018 0.022
640786	Drill Core	4.7	0.009 0.029
640787	Drill Core	4.4	0.013 0.011
640788	Drill Core	4.4	0.009 0.021
640789	Drill Core	7	0.027 0.023
640790	Drill Core	0.6	0.002 0.006
640791	Drill Core	3.9	0.014 0.007
640792	Drill Core	4.3	0.015 0.037
640793	Drill Core	2.6	0.008 0.024
640794	Drill Core	3.8	0.018 0.124
640795	Drill Core	2.3	0.011 0.044
640796	Drill Core	1.9	0.009 0.035
640797	Drill Core	0.3	<0.001 <0.005
640798	Drill Core		0.001 1.033
640799	Drill Core	4.9	0.017 0.111
RRE 640799	Drill Core		0.020 0.091
640800	Drill Core	0.9	0.015 0.021
640801	Drill Core	2.5	0.021 0.056
640802	Drill Core	2.8	0.007 0.020
640803	Drill Core	5.4	0.022 0.111
640804	Drill Core	5.4	0.146 0.061
640805	Drill Core	4.4	0.017 0.095
640806	Drill Core	4.4	0.017 0.049
640807	Drill Core	4	0.012 0.039
640808	Drill Core	6.4	0.014 0.065
640809	Drill Core	4.2	0.019 0.038
640810	Drill Core	4	0.022 0.035
640811	Drill Core	2.5	0.011 0.026
640812	Drill Core	3.9	0.004 0.020
640813	Drill Core	4.2	0.005 0.055



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CERTIFICATE OF ANALYSIS

SMI07000151.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
640814	Drill Core	4	0.006	0.034
640815	Drill Core	4	0.011	0.037
640816	Drill Core	4.7	0.006	0.036
640817	Drill Core	6.4	0.010	0.045
640818	Drill Core	4.8	0.020	0.071
640819	Drill Core	4.5	0.007	0.030
640820	Drill Core	4.4	0.037	0.053
640821	Drill Core	4.4	0.008	0.030
640822	Drill Core	5.1	0.024	0.049
640823	Drill Core	4.4	0.013	0.068
640824	Drill Core	4.4	0.006	0.025
640825	Drill Core	4.7	0.005	0.027
640826	Drill Core	2.9	0.010	0.019
640827	Drill Core	1.3	0.146	0.168
640828	Drill Core	2.6	0.006	0.035
640829	Drill Core	2.5	0.008	0.050
640830	Drill Core	0.3	<0.001	<0.005
640831	Drill Core		0.068	<0.005
640832	Drill Core	3.9	0.012	0.025
640833	Drill Core	4.5	0.020	0.018
640834	Drill Core	4.8	0.009	0.039
640835	Drill Core	6.1	0.008	0.027
640836	Drill Core	5.9	0.005	0.016
640837	Drill Core	3.6	0.017	0.087
640838	Drill Core	4.6	0.027	0.164
640839	Drill Core	4.8	0.006	0.012
640840	Drill Core	3.1	0.008	0.070
640841	Drill Core	7.9	0.008	0.061
640842	Drill Core	2.9	0.014	0.042
640843	Drill Core	3.8	0.017	0.038



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CERTIFICATE OF ANALYSIS

SMI07000151.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640844	Drill Core	4.5	0.019 0.081
640845	Drill Core	3.4	0.023 0.019
640846	Drill Core	5.8	0.015 0.142
640847	Drill Core	4.4	0.007 0.093
RRE 640847	Drill Core		0.005 0.041
640848	Drill Core	4.7	0.006 0.059
640849	Drill Core	4.8	0.007 0.066
640850	Drill Core	4.7	0.012 0.072
640851	Drill Core	5.3	0.011 0.070
640852	Drill Core	4.4	0.011 0.058
640853	Drill Core	4.4	0.012 0.044
640854	Drill Core	3.1	0.048 0.043
640855	Drill Core	4.7	0.008 0.050
640856	Drill Core	4.4	0.010 0.035
640857	Drill Core	4.5	0.016 0.104
640858	Drill Core	4.4	0.025 0.084
640859	Drill Core	4.5	0.019 0.063
640860	Drill Core	5.6	0.012 0.078
640861	Drill Core	1	0.056 0.563
640862	Drill Core	0.9	0.038 0.285
640863	Drill Core	0.3	<0.001 <0.005
640864	Drill Core		0.001 1.141
640865	Drill Core	3.7	0.030 0.224
640866	Drill Core	4.7	0.033 0.177
640867	Drill Core	4.7	0.023 0.035
640868	Drill Core	4.7	0.022 0.036
640869	Drill Core	4.5	0.010 0.058
640870	Drill Core	4.5	0.006 0.037
640871	Drill Core	4.7	0.016 0.061
640872	Drill Core	3	0.010 0.021



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Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
640873	Drill Core	1.5	0.066	0.091
640874	Drill Core	3.4	0.015	0.087
640875	Drill Core	4.5	0.008	0.045
640876	Drill Core	4.7	0.017	0.028
640877	Drill Core	4.5	0.049	0.059
640878	Drill Core	4.2	0.006	0.035
640879	Drill Core	3.8	0.014	0.016
640880	Drill Core	3	0.017	0.020
RRE 640880	Drill Core		0.014	0.022
640881	Drill Core	5.4	0.008	0.030
640882	Drill Core	4.5	0.020	0.114
640883	Drill Core	4.2	0.011	0.040
640884	Drill Core	4.2	0.012	0.043
640885	Drill Core	4.9	0.006	0.019
640886	Drill Core	4.6	0.005	0.028
640887	Drill Core	4.5	0.003	0.013
640888	Drill Core	4.9	0.014	0.032
640889	Drill Core	5.4	0.043	0.023
640890	Drill Core	4.8	0.008	0.031
640891	Drill Core	4.4	0.065	0.039
640892	Drill Core	4.4	0.004	0.010
640893	Drill Core	2.4	0.006	0.014
640894	Drill Core	2.2	0.008	0.024
640895	Drill Core	0.3	<0.001	<0.005
640896	Drill Core		0.067	<0.005
640897	Drill Core	5.5	0.014	0.023
640898	Drill Core	5.6	0.010	0.019
641742	Drill Core	6.6	0.006	0.070
641743	Drill Core	7.3	0.027	0.077
641744	Drill Core	6.4	0.005	0.075



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Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641745	Drill Core	7	0.028 0.152
641746	Drill Core	6.6	0.030 0.025
641747	Drill Core	6.4	0.038 0.027
641748	Drill Core	3.8	0.005 0.022
641749	Drill Core	2.9	0.552 0.561
641750	Drill Core	5.4	0.079 0.198
RRE 641750	Drill Core		0.072 0.205
641751	Drill Core	3.3	0.008 0.018
641752	Drill Core	3.3	0.010 0.020
641753	Drill Core	0.5	<0.001 <0.005
641754	Drill Core		<0.001 1.054
641755	Drill Core	6.5	0.009 0.046
641756	Drill Core	3.3	0.011 0.031
641757	Drill Core	4.6	0.004 0.018
641758	Drill Core	6.4	0.044 0.067
641759	Drill Core	5.7	0.003 0.012
641760	Drill Core	6.5	0.008 0.041
641761	Drill Core	2.5	0.009 0.087
641762	Drill Core	3.2	<0.001 0.007
641763	Drill Core	3.8	0.016 0.020
641764	Drill Core	6.5	0.016 0.041
641765	Drill Core	6.8	0.031 0.094
641766	Drill Core	6.7	0.014 0.082
641767	Drill Core	6.6	0.005 0.061
641768	Drill Core	6.8	0.009 0.021
641769	Drill Core	6.4	0.019 0.039
641770	Drill Core	6.6	0.007 0.085
641771	Drill Core	6.4	0.020 0.049
641772	Drill Core	7	0.012 0.040
641773	Drill Core	6.7	0.009 0.029



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Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641774	Drill Core	6.4	0.016 0.059
641775	Drill Core	6	0.007 0.013
RRE 641775	Drill Core		0.011 0.014
641776	Drill Core	6.4	0.013 0.035
641777	Drill Core	6.2	0.006 0.012
641778	Drill Core	6.9	0.041 0.141
641779	Drill Core	3.1	0.046 0.049
641780	Drill Core	6	0.042 0.072
641781	Drill Core	6.4	0.006 0.028
641782	Drill Core	6.4	0.005 0.015
641783	Drill Core	5.8	0.026 0.051
641784	Drill Core	3.1	0.007 0.040
641785	Drill Core	2.5	0.012 0.045
641786	Drill Core	0.2	<0.001 <0.005
641787	Drill Core		0.071 <0.005
641788	Drill Core	2.6	0.050 0.065
641789	Drill Core	6.5	0.021 0.038
641790	Drill Core	6.4	0.010 0.019
641791	Drill Core	6.8	0.006 0.026
641792	Drill Core	6.7	0.010 0.057
641793	Drill Core	6.4	0.024 0.038
641794	Drill Core	5.3	0.136 0.334
641795	Drill Core	5.4	0.036 0.071
641796	Drill Core	5.2	0.006 0.036
641797	Drill Core	2.9	0.014 0.049
641798	Drill Core	2.4	0.027 0.025
641799	Drill Core	4.1	0.009 0.076
641800	Drill Core	5.3	0.006 0.029
641801	Drill Core	3.7	0.021 0.103
641802	Drill Core	3	0.003 0.048



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Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641803	Drill Core	6.2	0.013 0.028
641804	Drill Core	6.9	0.010 0.026
641805	Drill Core	7	0.015 0.018
641806	Drill Core	4.8	0.012 0.036
641807	Drill Core	4.5	0.009 0.016
641808	Drill Core	3.7	0.054 0.369
RRE 641808	Drill Core		0.040 0.393
641809	Drill Core	3.4	0.007 0.033
641810	Drill Core	4.4	0.008 0.013
641811	Drill Core	3.9	0.042 0.427
641812	Drill Core	3.1	0.007 0.099
641813	Drill Core	6.1	0.026 0.052
641814	Drill Core	6.4	0.067 0.142
641815	Drill Core	6.1	0.006 0.107
641816	Drill Core	5.6	0.005 0.014
641817	Drill Core	3.1	0.026 0.041
641818	Drill Core	2.7	0.010 0.016
641819	Drill Core	0.5	<0.001 <0.005
641820	Drill Core		<0.001 1.012
641821	Drill Core	6.8	0.019 0.231
641822	Drill Core	5.6	0.051 0.536
641823	Drill Core	3	0.017 0.038
641824	Drill Core	5.7	0.057 0.815
641825	Drill Core	3.7	0.017 0.492
641826	Drill Core	4.2	0.170 0.062
641827	Drill Core	5.9	0.041 0.042
641828	Drill Core	5.9	0.034 0.056
641829	Drill Core	6	0.040 0.060
641830	Drill Core	5.9	0.014 0.144
641831	Drill Core	6.4	0.059 0.049



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Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641832	Drill Core	3.8	0.074 0.092
641833	Drill Core	6.7	0.067 0.111
641834	Drill Core	5.7	0.076 0.088
641835	Drill Core	6.1	0.061 0.090
641836	Drill Core	2.9	0.013 0.165
641837	Drill Core	5.9	0.014 0.116
641838	Drill Core	6.4	0.051 0.073
641839	Drill Core	6.2	0.022 0.058
641840	Drill Core	3.1	0.045 0.064
641841	Drill Core	2.7	0.041 0.079
641842	Drill Core	0.7	<0.001 <0.005
641843	Drill Core		0.067 <0.005
641844	Drill Core	6.5	0.003 0.012
RRE 641844	Drill Core		0.002 0.014
641845	Drill Core	6.3	0.103 0.061
641846	Drill Core	6.1	0.012 0.019
641847	Drill Core	6.4	0.075 0.029
641848	Drill Core	6	0.014 0.013
641849	Drill Core	6.3	0.012 0.024
641850	Drill Core	5	0.013 0.035
641851	Drill Core	6.5	0.022 0.015
641852	Drill Core	6.4	0.010 0.024
641853	Drill Core	6	0.043 0.060
641854	Drill Core	6	0.085 0.153
641855	Drill Core	6.4	0.031 0.052
641856	Drill Core	6.4	0.022 0.044
641857	Drill Core	6.6	0.012 0.019
641858	Drill Core	6.3	0.026 0.021
641859	Drill Core	5.8	0.016 0.032
641860	Drill Core	6.4	0.021 0.035



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Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641861	Drill Core	6.6	0.028 0.042
641862	Drill Core	5.8	0.049 0.040
641863	Drill Core	6.2	0.021 0.056
641864	Drill Core	6.4	0.021 0.024
641865	Drill Core	5.5	0.019 0.032
641866	Drill Core	6.3	0.033 0.045
641867	Drill Core	6.1	0.032 0.039
641868	Drill Core	6.2	0.022 0.029
641869	Drill Core	6.5	0.016 0.030
641870	Drill Core	6.5	0.029 0.023
641871	Drill Core	5.2	0.023 0.023
641872	Drill Core	4	0.225 0.117
641873	Drill Core	2.6	0.014 0.028
641874	Drill Core	2.7	0.015 0.038
641875	Drill Core	0.7	<0.001 <0.005
641876	Drill Core		<0.001 1.111
641877	Drill Core	6	0.098 0.011
641878	Drill Core	5.8	0.021 0.037
641879	Drill Core	6.9	0.014 0.021
641880	Drill Core	6	0.023 0.046
641881	Drill Core	7.3	0.021 0.029
641882	Drill Core	5.2	0.079 0.007
RRE 641882	Drill Core		0.083 0.008
641883	Drill Core	6.6	0.046 0.018
641884	Drill Core	5.8	0.012 0.013
641885	Drill Core	6.3	0.035 0.032
641886	Drill Core	6.6	0.045 0.041
641887	Drill Core	4.4	0.015 0.035
641888	Drill Core	7.3	0.058 0.048
641889	Drill Core	6.2	0.033 0.043



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Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641890	Drill Core	5.9	0.039 0.065
641891	Drill Core	6.6	0.052 0.029
641892	Drill Core	6.5	0.158 0.027
641893	Drill Core	6.3	0.016 0.054
641894	Drill Core	6.6	0.043 0.064
641895	Drill Core	6.3	0.033 0.027
641896	Drill Core	6.8	0.026 0.065
641897	Drill Core	6.7	0.016 0.061
641898	Drill Core	3.6	0.006 0.050
641899	Drill Core	4.7	0.020 0.036
641900	Drill Core	7.2	0.044 0.096
641901	Drill Core	6	0.086 0.027
641902	Drill Core	5	0.028 0.045
641903	Drill Core	2.9	0.015 0.038
641904	Drill Core	3.4	0.014 0.032
641905	Drill Core	0.4	<0.001 <0.005
641906	Drill Core		0.062 <0.005
641907	Drill Core	6.9	0.023 0.038
641908	Drill Core	7.9	0.007 0.080
641909	Drill Core	3.2	0.022 0.037
641910	Drill Core	4.4	0.010 0.031
RRE 641910	Drill Core		0.008 0.044
641911	Drill Core	7.1	0.027 0.085
641912	Drill Core	6.9	0.012 0.147
641913	Drill Core	6.4	0.015 0.069
641914	Drill Core	7.9	0.020 0.166
641915	Drill Core	4.9	0.006 0.046
641916	Drill Core	4.9	0.005 <0.005
641917	Drill Core	3.6	0.005 <0.005
641918	Drill Core	2.4	0.006 0.022



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Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
641919	Drill Core	2.4	0.070	0.052
641920	Drill Core	3.5	0.009	0.078
641921	Drill Core	3.6	0.011	0.060
641922	Drill Core	3.9	0.014	0.067
641923	Drill Core	4.2	0.037	0.037
641924	Drill Core	2.2	0.007	0.044
641925	Drill Core	3.6	0.011	0.032
641926	Drill Core	3.5	0.011	0.044
641927	Drill Core	3.7	0.009	0.062
641928	Drill Core	3.6	0.010	0.017
641929	Drill Core	4.1	0.020	0.051
641930	Drill Core	3.5	0.027	0.065
641931	Drill Core	3.7	0.008	0.058
641932	Drill Core	2.7	0.006	0.053
641933	Drill Core	2.3	0.014	0.194
641934	Drill Core	3.8	0.011	0.013
641935	Drill Core	2.3	0.022	0.017
641936	Drill Core	1.4	0.030	<0.005
641937	Drill Core	3.4	0.023	0.007
641938	Drill Core	1.8	0.046	0.242
641939	Drill Core	2.1	0.004	0.129
641940	Drill Core	2.5	0.028	0.109
641941	Drill Core	2.6	0.008	0.052
641942	Drill Core	3.4	0.013	0.018
641943	Drill Core	3.3	0.008	0.053
641944	Drill Core	1.8	0.005	0.085
641945	Drill Core	3.4	0.024	0.022
641946	Drill Core	1.9	0.032	0.038
641947	Drill Core	1.3	0.012	0.027
641948	Drill Core	0.4	<0.001	<0.005



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Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641949	Drill Core	0.001	1.021
641950	Drill Core	2.3	0.059
641951	Drill Core	1.7	0.064
641952	Drill Core	3.4	0.046
641953	Drill Core	2.9	0.038
641954	Drill Core	1.9	0.078
641955	Drill Core	3.5	0.023
641956	Drill Core	3.4	0.206
641957	Drill Core	3	0.015
641958	Drill Core	2.3	0.012
641959	Drill Core	3	0.019
641960	Drill Core	3.3	0.027
641961	Drill Core	3.4	0.021
641962	Drill Core	2.9	0.044
641963	Drill Core	2.8	0.057
RRE 641963	Drill Core	0.006	0.065
641964	Drill Core	3.4	0.097
641965	Drill Core	2.3	0.040
641966	Drill Core	3.4	0.040
641967	Drill Core	3.7	0.105
641968	Drill Core	3.3	0.085
641969	Drill Core	1	0.040
641970	Drill Core	0.9	0.052
641971	Drill Core	0.5	<0.005
641972	Drill Core	0.065	<0.005
641973	Drill Core	3.4	0.340
641974	Drill Core	1.4	0.017
641975	Drill Core	2.6	0.812
641976	Drill Core	3	0.053
RRE 641976	Drill Core	0.004	0.050



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Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
641977	Drill Core	7	0.008	0.025
641978	Drill Core	3.6	0.007	0.189
641979	Drill Core	4.4	0.006	<0.005
641980	Drill Core	3.2	0.003	<0.005
641981	Drill Core	6.6	0.009	<0.005
641982	Drill Core	5.8	0.013	0.005
641983	Drill Core	6.8	0.005	<0.005
641984	Drill Core	4	0.002	<0.005
641985	Drill Core	5	0.003	<0.005



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Part 1

QUALITY CONTROL REPORT

SMI07000151.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
640745	Drill Core	4.4	0.020 0.011
REP 640745	QC		0.019 0.011
640760	Drill Core	3.9	0.025 0.016
REP 640760	QC		0.025 0.016
640796	Drill Core	1.9	0.009 0.035
REP 640796	QC		0.009 0.037
640846	Drill Core	5.8	0.015 0.142
REP 640846	QC		0.015 0.143
640866	Drill Core	4.7	0.033 0.177
REP 640866	QC		0.033 0.181
641770	Drill Core	6.6	0.007 0.085
REP 641770	QC		0.007 0.086
641795	Drill Core	5.4	0.036 0.071
REP 641795	QC		0.034 0.064
641845	Drill Core	6.3	0.103 0.061
REP 641845	QC		0.103 0.059
641880	Drill Core	6	0.023 0.046
REP 641880	QC		0.023 0.048
641914	Drill Core	7.9	0.020 0.166
REP 641914	QC		0.020 0.164
641963	Drill Core	2.8	0.008 0.057
REP 641963	QC		0.008 0.056
641983	Drill Core	6.8	0.005 <0.005
REP 641983	QC		0.004 <0.005
Reference Materials			
STD KP-1	Standard		0.230 0.725
STD KP-1	Standard		0.239 0.755
STD KP-1	Standard		0.228 0.757



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Project:

Northern Dancer

Report Date:

November 14, 2007

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Part 1

QUALITY CONTROL REPORT

SMI07000151.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
STD KP-1	Standard		0.232	0.792
STD KP-1	Standard		0.230	0.754
STD KP-1	Standard		0.243	0.785
STD KP-1	Standard		0.232	0.765
STD KP-1	Standard		0.240	0.831
STD KP-1	Standard		0.218	0.715
STD KP-1	Standard		0.225	0.747
STD KP-1	Standard		0.217	0.727
STD KP-1	Standard		0.216	0.755
STD KP-1	Standard		0.223	0.777
STD KP-1	Standard		0.223	0.783
STD KP-1	Standard		0.230	0.744
STD KP-1	Standard		0.227	0.744
STD KP-1	Standard		0.220	0.766
STD KP-1	Standard		0.224	0.780
STD KP-1	Standard		0.215	0.731
STD KP-1	Standard		0.218	0.752
STD KP-1	Standard		0.227	0.739
STD KP-1	Standard		0.222	0.735
STD KP-1	Standard		0.224	0.720
STD KP-1	Standard		0.221	0.718
STD KP-1	Standard		0.221	0.741
STD KP-1	Standard		0.220	0.790
STD KP-1 Expected			0.22	0.74
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005



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Part 1

QUALITY CONTROL REPORT

SMI07000151.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
Prep Wash				
G1	Prep Blank	<0.01	<0.001	<0.005



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Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 09, 2007

Report Date:

November 02, 2007

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CERTIFICATE OF ANALYSIS

SMI07000177.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND13-15/17
P.O. Number: ACME FILE: A718369
Number of Samples: 247

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	241	Crush, split and pulverize drill core to 150 mesh		
7KP	247	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

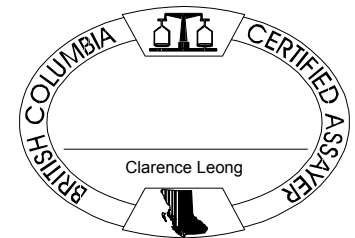
SAMPLE DISPOSAL

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Project: Northern Dancer

Report Date: November 02, 2007

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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640899	Drill Core	2	<0.001 <0.005
640900	Drill Core	5.7	0.004 0.099
640901	Drill Core	4.6	<0.001 0.011
640902	Drill Core	4.4	0.001 0.007
RRE 640902	Drill Core		0.001 0.012
640903	Drill Core	6.7	<0.001 <0.005
640904	Drill Core	5.5	0.001 0.007
640905	Drill Core	4.8	0.007 0.026
640906	Drill Core	4.4	<0.001 <0.005
640907	Drill Core	4.5	0.001 <0.005
640908	Drill Core	5	0.002 <0.005
640909	Drill Core	4.4	0.010 0.013
640910	Drill Core	4.1	0.003 <0.005
640911	Drill Core	5	<0.001 <0.005
640912	Drill Core	5.5	0.001 0.006
640913	Drill Core	4.2	<0.001 <0.005
640914	Drill Core	2.7	0.002 <0.005
640915	Drill Core	4.4	0.002 0.005
640916	Drill Core	4.6	<0.001 <0.005
640917	Drill Core	4.2	0.001 0.007
640918	Drill Core	4.4	0.001 0.014
640919	Drill Core	4.3	<0.001 0.010
640920	Drill Core	4.4	0.001 <0.005
640921	Drill Core	4.7	<0.001 <0.005
640922	Drill Core	4.8	0.004 0.088
640923	Drill Core	4.4	0.002 <0.005
640924	Drill Core	2.4	<0.001 <0.005
640925	Drill Core	1.9	0.004 0.036
640926	Drill Core	2.2	0.002 0.026
640927	Drill Core	0.4	<0.001 <0.005



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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640928	Rock Pulp	0.062	<0.005
640929	Drill Core	4.4 0.008	0.044
640930	Drill Core	1 <0.001	0.005
640931	Drill Core	2.4 <0.001	0.022
640932	Drill Core	7.3 0.004	0.020
640933	Drill Core	7 0.002	0.026
640934	Drill Core	5.8 0.006	0.043
640935	Drill Core	6.4 0.002	0.034
640936	Drill Core	7.2 0.003	0.017
640937	Drill Core	9.2 <0.001	0.020
640938	Drill Core	5.2 0.005	0.024
640939	Drill Core	4.1 0.001	0.151
640940	Drill Core	7.6 0.002	0.010
640941	Drill Core	3.4 <0.001	0.007
640942	Drill Core	5.2 <0.001	0.006
640943	Drill Core	10.2 <0.001	0.013
RRE 640943	Drill Core	0.001	0.012
640944	Drill Core	7.4 0.016	0.118
640945	Drill Core	7.5 <0.001	0.009
640946	Drill Core	1.1 <0.001	<0.005
640947	Drill Core	5.7 0.006	0.020
640948	Drill Core	7.6 0.008	0.028
641986	Drill Core	4.1 0.006	0.011
641987	Drill Core	4.6 0.004	0.010
641988	Drill Core	2.4 0.005	0.046
641989	Drill Core	3 0.006	0.011
641990	Drill Core	3.6 0.007	0.012
641991	Drill Core	6.3 0.032	0.019
641992	Drill Core	7.3 0.032	0.014
641993	Drill Core	5.1 0.013	0.024



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Report Date: November 02, 2007

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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641994	Drill Core	5.8	0.012 0.014
641995	Drill Core	5.9	0.005 0.006
641996	Drill Core	5.7	0.007 0.012
641997	Drill Core	7	0.011 0.011
641998	Drill Core	6	0.013 0.021
641999	Drill Core	3	0.009 0.006
642000	Drill Core	3.2	0.007 0.006
642051	Rock Pulp	<0.001	1.022
642052	Drill Core	0.4	<0.001 <0.005
642053	Drill Core	3	0.003 <0.005
642054	Drill Core	2.9	0.008 0.019
642055	Drill Core	2.7	0.004 0.020
642056	Drill Core	2.4	0.012 0.069
642057	Drill Core	3.7	0.013 0.083
642058	Drill Core	6.4	0.004 0.084
642059	Drill Core	6.3	0.011 0.081
642060	Drill Core	6.8	0.019 0.107
642061	Drill Core	6.3	0.006 0.093
642062	Drill Core	6.4	0.007 0.077
642063	Drill Core	6.6	0.002 0.077
642064	Drill Core	2.9	0.022 0.078
642065	Drill Core	6.9	0.006 0.078
642066	Drill Core	4.8	0.005 0.075
642067	Drill Core	4.4	0.013 0.079
642068	Drill Core	6.3	0.049 0.091
642069	Drill Core	6.6	0.004 0.074
642070	Drill Core	6.7	0.030 0.080
RRE 642070	Drill Core		0.033 0.076
642071	Drill Core	4.7	0.006 0.079
642072	Drill Core	4.9	0.047 0.094



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Report Date: November 02, 2007

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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642073	Drill Core	6.2	0.004 0.069
642074	Drill Core	4.3	0.018 0.089
642075	Drill Core	2.3	0.015 0.061
642076	Drill Core	5.8	0.017 0.068
642077	Drill Core	4.8	0.011 0.075
642078	Drill Core	5	0.007 0.071
640233	Drill Core	3.3	0.011 0.113
640234	Drill Core	4.3	0.010 0.032
640235	Drill Core	3.8	0.005 0.090
640236	Drill Core	5.6	0.006 0.032
640237	Drill Core	5.4	0.006 0.111
640238	Drill Core	7.4	0.008 0.068
640239	Drill Core	4.9	0.006 0.039
640240	Drill Core	8.2	0.022 0.066
640241	Drill Core	4	0.005 0.101
640242	Drill Core	5.6	0.010 0.052
640243	Drill Core	5.6	0.005 0.033
640244	Drill Core	2.9	0.011 0.039
640245	Drill Core	5.2	0.012 0.040
640246	Drill Core	3.8	0.011 0.051
640247	Drill Core	4.9	0.012 0.054
640248	Drill Core	7	0.024 0.099
640249	Drill Core	6.5	0.019 0.098
640250	Drill Core	5.6	0.019 0.095
640251	Drill Core	4.4	0.007 0.053
640252	Drill Core	7	0.017 0.091
640253	Drill Core	6.5	0.013 0.049
RRE 640253	Drill Core		0.012 0.049
640254	Drill Core	5.9	0.012 0.091
640255	Drill Core	5.4	0.012 0.138



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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640256	Drill Core	4.5	0.025 0.059
640257	Drill Core	2.9	0.022 0.107
640258	Drill Core	7.3	0.053 0.139
640259	Drill Core	6.6	0.018 0.100
640260	Drill Core	3.1	0.018 0.158
640261	Drill Core	3.3	0.012 0.218
640262	Drill Core	0.3	<0.001 0.044
640263	Rock Pulp		<0.001 1.323
640264	Drill Core	7	0.012 0.078
640265	Drill Core	6.5	0.012 0.089
640266	Drill Core	7.3	0.009 0.090
640267	Drill Core	5.3	0.011 0.033
640268	Drill Core	8.5	0.007 0.042
640269	Drill Core	6.2	0.015 0.093
640270	Drill Core	6.4	0.012 0.119
640271	Drill Core	6.7	0.020 0.120
640272	Drill Core	6.7	0.039 0.094
640273	Drill Core	7.2	0.067 0.134
640274	Drill Core	7	0.013 0.274
640275	Drill Core	6	0.014 0.182
640276	Drill Core	7.3	0.017 0.078
640277	Drill Core	6.9	0.015 0.054
RRE 640277	Drill Core		0.017 0.058
640278	Drill Core	6.3	0.017 <0.005
640279	Drill Core	2.7	0.013 0.021
640280	Drill Core	6.2	0.012 0.061
642079	Drill Core	3.6	0.014 0.013
642080	Drill Core	6.7	0.011 0.082
642081	Drill Core	6.2	0.011 0.023
642082	Drill Core	2.8	0.007 0.026



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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642083	Drill Core	2.8	0.014 0.053
642084	Drill Core	0.2	<0.001 <0.005
642085	Rock Pulp		0.072 <0.005
642086	Drill Core	4.4	0.007 0.011
642087	Drill Core	3.5	0.012 0.049
642088	Drill Core	6.3	0.009 0.029
642089	Drill Core	6.7	0.007 0.030
642090	Drill Core	6.4	0.007 0.027
642091	Drill Core	6.5	0.038 0.021
642092	Drill Core	7.1	0.031 0.010
642093	Drill Core	6.2	0.016 0.041
642094	Drill Core	5.4	0.049 0.025
642095	Drill Core	5.5	0.029 0.009
642096	Drill Core	5.8	0.006 0.005
642097	Drill Core	2.7	0.004 0.010
642098	Drill Core	5.9	0.015 0.055
642099	Drill Core	4.5	0.046 <0.005
642100	Drill Core	5.4	0.020 0.011
642101	Drill Core	4.9	0.063 <0.005
642102	Drill Core	6.4	0.011 0.021
642103	Drill Core	4.2	0.008 0.030
642104	Drill Core	6.3	0.018 0.075
642105	Drill Core	6.7	0.017 0.076
642106	Drill Core	5.7	0.010 0.042
642107	Drill Core	6.4	0.016 0.037
642108	Drill Core	5.9	0.009 0.009
642109	Drill Core	5.5	0.013 0.013
642110	Drill Core	5.6	0.010 0.009
642111	Drill Core	3.4	0.059 0.230
642112	Drill Core	3.2	0.035 0.021



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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642113	Drill Core	3.4	0.031 0.345
642114	Drill Core	6.5	0.019 0.071
642115	Drill Core	3	0.021 0.039
642116	Drill Core	3.3	0.015 0.059
642117	Drill Core	0.3	<0.001 <0.005
642118	Rock Pulp		0.001 0.966
642119	Drill Core	7.1	0.023 0.016
642120	Drill Core	6.9	0.008 0.018
RRE 642120	Drill Core		0.010 0.014
642121	Drill Core	5.9	0.024 0.027
642122	Drill Core	6.5	0.030 0.036
642123	Drill Core	6.2	0.007 0.038
642124	Drill Core	6.9	0.016 0.032
642125	Drill Core	6.2	0.022 0.015
642126	Drill Core	6.4	0.009 0.026
642127	Drill Core	6.5	0.008 0.061
642128	Drill Core	6.4	0.005 0.114
642129	Drill Core	2.9	0.006 0.058
642130	Drill Core	3.1	0.003 0.014
642131	Drill Core	6.2	0.006 0.047
642132	Drill Core	6.4	0.003 0.034
642133	Drill Core	6	0.007 0.047
642134	Drill Core	2.7	0.004 0.023
642135	Drill Core	5.5	0.034 0.041
642136	Drill Core	3.4	0.229 0.057
642137	Drill Core	5.5	0.031 0.122
642138	Drill Core	6.7	0.021 0.096
642139	Drill Core	6.6	0.014 0.049
642140	Drill Core	6.5	0.011 0.055
642141	Drill Core	6.4	0.007 0.039



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CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642142	Drill Core	7.1	0.006 0.059
RRE 642142	Drill Core		0.005 0.053
642143	Drill Core	3.2	0.016 0.447
642144	Drill Core	6.8	0.026 0.086
642145	Drill Core	6.4	0.026 0.137
642146	Drill Core	3.1	0.011 0.083
642147	Drill Core	5.2	0.019 0.102
642148	Drill Core	3.4	0.016 0.017
642149	Drill Core	3.1	0.035 0.019
642150	Drill Core	0.6	<0.001 <0.005
642151	Rock Pulp		0.073 <0.005
642152	Drill Core	7.2	0.016 0.020
642153	Drill Core	2.5	0.008 0.013
642154	Drill Core	3.5	0.006 0.008
642155	Drill Core	3.2	0.014 0.012
642156	Drill Core	3.5	0.009 0.013
642157	Drill Core	3.3	0.016 0.051
642158	Drill Core	3.4	0.010 0.008
642159	Drill Core	3.4	0.011 0.026
642160	Drill Core	3.3	0.012 0.008
642161	Drill Core	3.4	0.013 0.008
642162	Drill Core	3.4	0.005 <0.005
642163	Drill Core	3.3	0.008 0.009
642164	Drill Core	3.3	0.010 0.012
642165	Drill Core	3.5	0.014 0.022
642166	Drill Core	3.3	0.006 0.009
642167	Drill Core	3.5	0.005 <0.005
642168	Drill Core	2.8	0.039 0.006
642169	Drill Core	3.6	0.014 0.007
642170	Drill Core	3.6	0.015 0.016



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Project:

Northern Dancer

Report Date:

November 02, 2007

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Part 1

CERTIFICATE OF ANALYSIS

SMI07000177.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
642171	Drill Core	1.2	0.028	0.068
642172	Drill Core	2.5	0.032	<0.005
642173	Drill Core	3.7	0.010	0.044
642174	Drill Core	2.4	0.023	0.015
642175	Drill Core	2.4	0.048	0.044
642176	Drill Core	2.2	0.018	0.006
642177	Drill Core	3.5	0.014	0.022



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Part 1

QUALITY CONTROL REPORT

SMI07000177.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
640919	Drill Core	4.3	<0.001 0.010
REP 640919	QC		0.001 0.009
640947	Drill Core	5.7	0.006 0.020
REP 640947	QC		0.006 0.019
642067	Drill Core	4.4	0.013 0.079
REP 642067	QC		0.012 0.076
640270	Drill Core	6.4	0.012 0.119
REP 640270	QC		0.013 0.122
642090	Drill Core	6.4	0.007 0.027
REP 642090	QC		0.007 0.024
642124	Drill Core	6.9	0.016 0.032
REP 642124	QC		0.016 0.035
642162	Drill Core	3.4	0.005 <0.005
REP 642162	QC		0.006 <0.005
Reference Materials			
STD KP-1	Standard		0.226 0.764
STD KP-1	Standard		0.234 0.715
STD KP-1	Standard		0.192 0.729
STD KP-1	Standard		0.209 0.753
STD KP-1	Standard		0.224 0.722
STD KP-1	Standard		0.224 0.722
STD KP-1	Standard		0.223 0.772
STD KP-1	Standard		0.220 0.741
STD KP-1	Standard		0.220 0.757
STD KP-1	Standard		0.223 0.752
STD KP-1	Standard		0.225 0.767
STD KP-1	Standard		0.225 0.753
STD KP-1	Standard		0.217 0.727



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Project: Northern Dancer

Report Date: November 02, 2007

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QUALITY CONTROL REPORT

SMI07000177.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
STD KP-1	Standard		0.216	0.755
STD KP-1	Standard		0.230	0.744
STD KP-1	Standard		0.227	0.744
STD KP-1	Standard		0.223	0.753
STD KP-1	Standard		0.221	0.754
STD KP-1 Expected			0.22	0.74
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
Prep Wash				
G1	Prep Blank	<0.01	<0.001	<0.005



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Submitted By: Lorie Farrell

Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.

Received: October 09, 2007

Report Date: February 29, 2008

Page: 1 of 10

CERTIFICATE OF ANALYSIS

SMI07000177.3

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07ND13-15/17
 P.O. Number: ACME FILE: A718369
 Number of Samples: 247

SAMPLE DISPOSAL

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	241	Crush, split and pulverize drill core to 150 mesh		
7KP	247	Phosphoric acid leach, ICP-ES analysis	0.5	Completed
1DX	247	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
8-Fluorine	247	NaOH fusion, analysis by specific ion electrode	0.1	Completed

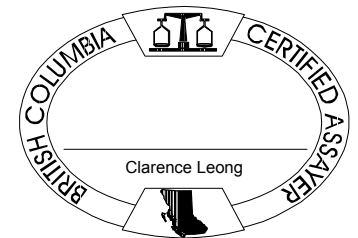
ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Version 3: Group 1DX & Group 8 - F included

Invoice To: Largo Resources Ltd.
 65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5
 Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
640899	Drill Core	2	<0.001	<0.005	6.8	74.4	4.2	38	0.2	42.1	15.0	305	1.82	1.3	0.9	3.4	2.2	22	0.3	<0.1	4.4
640900	Drill Core	5.7	0.004	0.099	39.1	73.2	8.4	53	0.3	47.3	15.5	376	2.36	1.1	1.0	17.9	2.2	27	0.4	0.2	66.1
640901	Drill Core	4.6	<0.001	0.011	6.6	98.5	9.2	55	0.2	53.7	18.4	454	2.93	1.0	0.9	13.6	2.2	22	0.4	0.1	11.5
640902	Drill Core	4.4	0.001	0.007	11.5	98.9	4.4	50	0.2	57.6	21.7	384	2.53	1.2	0.8	84.5	2.2	23	0.2	0.1	17.5
RRE 640902	Drill Core		0.001	0.012	14.5	90.5	4.4	45	0.2	51.6	20.0	380	2.36	1.1	0.8	77.6	2.1	22	0.1	0.1	16.0
640903	Drill Core	6.7	<0.001	<0.005	6.3	108.9	3.2	55	0.2	37.4	21.3	475	3.17	<0.5	0.8	21.2	1.9	35	0.1	<0.1	11.1
640904	Drill Core	5.5	0.001	0.007	14.5	113.7	5.6	54	0.2	52.7	18.9	480	2.66	1.2	0.9	56.8	2.6	24	0.2	0.2	19.7
640905	Drill Core	4.8	0.007	0.026	61.7	318.8	652.4	207	3.2	97.6	41.5	1518	4.79	2.8	1.5	8.2	1.9	24	1.2	9.5	114.2
640906	Drill Core	4.4	<0.001	<0.005	5.5	165.5	11.0	76	0.2	56.5	25.9	472	3.10	1.4	0.9	20.1	2.1	33	0.7	0.5	19.7
640907	Drill Core	4.5	0.001	<0.005	13.2	92.7	13.6	45	0.2	33.3	16.6	332	2.42	1.0	0.9	23.0	2.5	23	0.3	0.3	8.9
640908	Drill Core	5	0.002	<0.005	17.1	102.2	8.6	59	0.2	43.2	18.9	417	2.63	1.5	0.9	9.4	2.2	39	0.3	0.3	12.0
640909	Drill Core	4.4	0.010	0.013	87.7	103.5	11.2	46	0.3	47.6	18.3	357	2.68	1.2	0.8	133.1	2.0	23	0.2	0.4	66.2
640910	Drill Core	4.1	0.003	<0.005	28.1	76.3	3.8	59	0.1	33.1	15.7	300	2.32	1.0	0.7	22.1	2.1	22	1.1	0.2	12.6
640911	Drill Core	5	<0.001	<0.005	6.2	88.5	3.4	39	0.1	32.0	17.3	248	2.44	0.8	0.7	50.8	2.2	24	0.3	0.2	26.2
640912	Drill Core	5.5	0.001	0.006	16.1	101.8	10.2	54	0.2	40.6	20.3	443	2.79	1.0	0.9	27.0	2.2	53	0.3	1.4	29.4
640913	Drill Core	4.2	<0.001	<0.005	12.1	102.0	38.5	70	0.5	18.0	11.3	402	2.06	2.3	1.5	8.8	4.5	37	0.5	1.4	42.3
640914	Drill Core	2.7	0.002	<0.005	16.6	1165	42.4	422	1.4	44.5	75.5	784	8.54	1.5	0.7	1716	1.3	27	10.6	3.0	172.7
640915	Drill Core	4.4	0.002	0.005	18.9	113.4	46.5	63	0.3	35.5	18.3	568	2.64	1.4	0.9	8.5	2.1	30	0.5	0.8	111.6
640916	Drill Core	4.6	<0.001	<0.005	6.0	113.9	8.3	43	0.2	31.0	14.9	269	2.17	1.4	0.6	12.4	1.9	18	0.5	0.2	25.0
640917	Drill Core	4.2	0.001	0.007	14.1	94.6	28.6	42	0.2	34.5	16.3	396	2.30	1.2	0.6	8.1	1.7	30	0.3	0.6	58.7
640918	Drill Core	4.4	0.001	0.014	28.9	172.4	36.7	66	0.3	37.3	22.3	618	2.99	1.9	2.6	29.5	1.9	48	0.5	0.6	91.0
640919	Drill Core	4.3	<0.001	0.010	10.1	144.4	36.4	46	0.3	33.2	16.8	409	2.47	1.3	0.7	25.2	1.9	41	0.4	0.6	79.9
640920	Drill Core	4.4	0.001	<0.005	13.3	125.8	6.6	32	0.2	29.6	15.0	296	2.15	1.4	0.7	111.9	1.9	31	0.2	0.1	16.2
640921	Drill Core	4.7	<0.001	<0.005	10.2	139.2	11.0	35	0.3	31.2	19.7	326	2.47	1.5	0.6	16.5	1.9	31	0.2	0.3	26.7
640922	Drill Core	4.8	0.004	0.088	35.6	171.6	45.3	111	1.2	33.0	19.8	559	2.84	1.5	2.5	59.7	2.3	23	1.8	1.0	74.8
640923	Drill Core	4.4	0.002	<0.005	22.6	111.7	19.6	44	0.2	29.1	19.0	293	2.13	0.9	0.7	7.3	2.3	21	0.4	0.3	36.3
640924	Drill Core	2.4	<0.001	<0.005	7.5	139.7	45.4	36	1.3	29.1	16.2	338	2.07	1.5	0.9	17.1	3.0	22	0.4	0.5	51.1
640925	Drill Core	1.9	0.004	0.036	39.1	328.7	47.2	63	1.7	45.5	39.5	722	4.81	3.1	2.2	6.8	2.5	46	0.5	1.5	43.6
640926	Drill Core	2.2	0.002	0.026	16.1	207.6	36.1	61	0.9	40.4	21.6	725	3.85	4.9	1.2	12.3	2.6	49	0.5	1.1	43.5
640927	Drill Core	0.4	<0.001	<0.005	0.3	2.0	2.2	2	<0.1	0.2	1.1	138	0.12	1.0	<0.1	<0.5	0.1	56	<0.1	<0.1	0.3



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method Analyte Unit MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Fluorine F %	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	
640899	Drill Core	55	0.75	0.132	6	70	0.82	43	0.172	<20	1.05	0.077	0.32	20.2	<0.01	2.1	0.8	0.21	4	2.5	0.25
640900	Drill Core	63	0.90	0.133	6	83	1.04	76	0.173	<20	1.17	0.097	0.56	>100	<0.01	2.5	1.5	0.29	5	2.9	0.31
640901	Drill Core	68	1.00	0.131	6	97	1.20	78	0.185	<20	1.19	0.082	0.57	>100	<0.01	3.1	1.7	0.51	5	4.0	0.38
640902	Drill Core	56	0.96	0.129	7	86	1.03	50	0.172	<20	1.03	0.086	0.47	>100	<0.01	2.4	1.3	0.75	4	4.3	0.39
RRE 640902	Drill Core	56	0.97	0.130	7	81	0.98	49	0.162	<20	0.99	0.084	0.44	>100	<0.01	2.4	1.2	0.68	4	3.9	0.38
640903	Drill Core	90	1.02	0.138	6	50	1.11	90	0.188	<20	1.46	0.127	0.77	63.2	<0.01	3.0	2.4	0.87	5	5.6	0.39
640904	Drill Core	66	0.98	0.122	7	93	1.22	71	0.166	<20	1.12	0.064	0.54	>100	<0.01	3.2	1.5	0.70	5	5.0	0.43
640905	Drill Core	111	3.17	0.107	8	190	1.95	12	0.064	<20	2.78	0.018	0.08	>100	<0.01	8.7	0.4	0.16	9	5.8	1.17
640906	Drill Core	64	1.16	0.140	7	86	1.18	19	0.171	<20	1.12	0.047	0.12	47.7	<0.01	3.5	0.3	0.89	5	5.7	0.37
640907	Drill Core	57	0.97	0.150	7	49	0.77	31	0.167	<20	1.00	0.055	0.20	26.4	<0.01	2.3	0.3	0.42	4	3.5	0.21
640908	Drill Core	66	1.33	0.153	7	68	0.97	49	0.184	<20	1.16	0.068	0.20	89.0	<0.01	3.0	0.4	0.61	5	3.9	0.35
640909	Drill Core	62	1.19	0.142	6	68	0.99	24	0.159	<20	1.12	0.049	0.11	>100	<0.01	2.3	0.2	0.76	5	6.5	0.31
640910	Drill Core	59	1.18	0.144	7	54	0.88	29	0.151	<20	0.98	0.064	0.20	56.6	<0.01	2.3	0.5	0.52	4	3.1	0.29
640911	Drill Core	51	0.98	0.145	7	49	0.72	20	0.130	<20	0.89	0.060	0.17	41.0	<0.01	1.9	0.6	0.77	4	5.3	0.29
640912	Drill Core	72	1.39	0.146	8	67	1.06	24	0.146	<20	1.16	0.048	0.13	94.0	0.01	4.4	0.3	0.56	5	4.4	0.44
640913	Drill Core	43	1.08	0.061	8	38	0.79	31	0.075	<20	0.95	0.037	0.15	47.9	<0.01	3.2	0.4	0.52	4	3.8	0.43
640914	Drill Core	74	1.33	0.086	4	82	1.00	28	0.075	<20	1.31	0.019	0.30	78.3	0.01	6.0	1.0	3.38	5	26.2	0.33
640915	Drill Core	78	1.37	0.128	7	76	1.08	59	0.144	<20	0.93	0.038	0.40	>100	<0.01	4.7	1.7	0.73	4	6.6	0.54
640916	Drill Core	58	1.03	0.133	6	50	0.70	29	0.130	<20	0.88	0.047	0.22	27.7	<0.01	2.2	0.5	0.64	3	3.8	0.27
640917	Drill Core	73	1.53	0.123	7	66	0.96	42	0.161	<20	0.84	0.057	0.24	>100	<0.01	4.3	0.7	0.51	3	3.7	0.49
640918	Drill Core	82	1.70	0.118	7	80	1.18	56	0.150	<20	1.09	0.061	0.29	>100	<0.01	5.7	1.1	0.97	5	6.6	0.58
640919	Drill Core	66	1.24	0.129	7	57	0.85	37	0.138	<20	0.95	0.056	0.25	>100	<0.01	3.5	0.9	0.67	4	3.3	0.36
640920	Drill Core	58	1.01	0.130	6	46	0.70	31	0.126	<20	0.85	0.068	0.24	97.1	<0.01	2.4	0.6	0.58	3	3.1	0.28
640921	Drill Core	59	1.12	0.130	7	47	0.74	27	0.139	<20	0.87	0.073	0.19	76.4	<0.01	3.1	0.6	0.88	4	3.9	0.32
640922	Drill Core	67	1.43	0.104	7	63	0.96	38	0.137	<20	0.72	0.055	0.30	>100	<0.01	5.1	1.1	1.04	3	7.1	0.49
640923	Drill Core	51	1.00	0.126	7	45	0.67	27	0.117	<20	0.73	0.056	0.19	63.8	<0.01	2.7	0.5	0.69	3	2.6	0.29
640924	Drill Core	47	0.91	0.105	6	40	0.61	25	0.098	<20	0.64	0.037	0.17	93.9	<0.01	2.2	0.5	0.74	3	4.4	0.30
640925	Drill Core	83	1.92	0.103	7	80	1.32	53	0.165	<20	0.94	0.073	0.37	>100	<0.01	6.6	1.5	2.23	4	9.8	0.77
640926	Drill Core	80	1.86	0.108	7	77	1.23	53	0.162	<20	0.87	0.067	0.36	>100	<0.01	6.9	1.5	1.49	4	6.0	0.67
640927	Drill Core	<2	21.11	0.006	<1	2	13.03	1	0.001	<20	0.02	0.021	0.02	1.7	<0.01	0.2	<0.1	<0.05	<1	0.5	0.02



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
640928	Rock Pulp		0.062	<0.005	620.7	110.4	9.4	74	0.2	15.1	5.9	581	2.14	1.9	2.2	3.9	4.9	133	<0.1	0.2	0.8
640929	Drill Core	4.4	0.008	0.044	60.7	223.9	20.6	57	0.5	39.5	27.2	493	3.23	2.6	1.8	5.2	2.5	38	0.4	0.7	20.8
640930	Drill Core	1	<0.001	0.005	6.3	75.4	8.7	50	0.2	30.6	16.3	553	2.25	2.3	0.6	3.9	2.1	21	0.3	0.3	7.7
640931	Drill Core	2.4	<0.001	0.022	9.3	165.2	71.7	204	0.8	34.8	20.2	705	2.93	4.3	0.8	21.1	2.2	33	3.0	1.5	103.7
640932	Drill Core	7.3	0.004	0.020	33.8	202.5	69.0	111	1.0	31.1	17.8	570	2.81	1.4	1.3	41.0	2.2	27	1.7	1.1	117.4
640933	Drill Core	7	0.002	0.026	12.6	518.5	1528	2431	24.1	31.6	23.9	893	4.16	180.5	1.5	40.2	2.3	47	48.0	12.5	254.9
640934	Drill Core	5.8	0.006	0.043	54.8	379.7	135.8	124	2.6	41.1	26.8	1183	4.76	4.1	1.8	24.5	3.0	32	1.4	5.2	436.8
640935	Drill Core	6.4	0.002	0.034	23.4	308.8	166.9	326	2.7	41.7	25.4	1406	4.52	23.0	1.4	13.0	2.6	46	4.4	6.0	78.7
640936	Drill Core	7.2	0.003	0.017	25.1	149.4	54.0	62	0.8	33.6	22.6	569	2.96	61.0	1.0	17.3	3.0	38	0.5	1.3	80.7
640937	Drill Core	9.2	<0.001	0.020	7.2	239.5	44.1	99	0.6	38.0	28.7	832	3.82	6.1	0.9	26.7	2.4	37	1.1	0.8	78.9
640938	Drill Core	5.2	0.005	0.024	50.2	226.7	34.6	259	0.7	41.6	26.0	1275	4.28	5.8	1.1	4.4	3.3	127	5.4	1.0	14.3
640939	Drill Core	4.1	0.001	0.151	11.6	503.8	194.0	1006	4.0	41.2	27.0	1566	4.63	4.4	1.7	9.2	1.9	75	22.7	0.6	24.4
640940	Drill Core	7.6	0.002	0.010	12.3	76.0	19.0	80	0.2	46.0	25.7	1326	4.63	55.1	0.6	14.0	1.5	304	0.4	1.2	30.6
640941	Drill Core	3.4	<0.001	0.007	4.8	125.9	11.7	64	0.2	42.7	19.4	537	3.06	3.6	0.7	28.1	2.0	42	0.8	0.4	35.4
640942	Drill Core	5.2	<0.001	0.006	8.6	100.1	10.0	55	0.2	50.2	20.5	370	2.37	1.4	0.7	10.0	1.7	42	0.7	0.3	7.8
640943	Drill Core	10.2	<0.001	0.013	11.7	133.2	30.0	115	0.9	53.3	20.4	522	2.81	3.5	0.8	22.1	2.3	41	2.1	0.3	28.8
RRE 640943	Drill Core		0.001	0.012	13.6	129.8	31.4	108	1.0	53.3	19.5	486	2.80	3.7	0.9	15.2	2.3	44	1.7	0.4	29.6
640944	Drill Core	7.4	0.016	0.118	134.9	133.8	25.3	176	0.6	53.6	23.0	921	3.60	7.8	1.8	8.9	2.7	44	2.2	0.4	31.7
640945	Drill Core	7.5	<0.001	0.009	9.0	59.9	12.0	46	0.3	28.7	14.3	488	2.34	3.8	1.5	10.2	3.7	32	0.2	0.2	13.4
640946	Drill Core	1.1	<0.001	<0.005	3.9	79.4	7.2	81	0.1	39.5	9.8	373	1.84	0.8	3.9	7.6	12.7	23	1.1	0.1	2.9
640947	Drill Core	5.7	0.006	0.020	51.4	108.7	9.0	82	0.2	78.7	21.4	743	3.09	2.5	1.2	5.5	3.2	69	0.3	0.3	8.6
640948	Drill Core	7.6	0.008	0.028	64.9	131.1	11.3	74	0.2	81.8	21.5	678	3.56	1.5	1.2	22.9	2.9	34	0.3	0.5	171.2
641986	Drill Core	4.1	0.006	0.011	51.2	105.7	6.8	45	0.3	47.3	22.8	189	2.68	4.7	0.9	8.4	2.3	51	0.9	0.2	17.8
641987	Drill Core	4.6	0.004	0.010	42.9	86.9	7.2	52	0.3	47.4	23.5	244	2.72	2.7	0.8	8.3	2.5	45	1.3	0.2	18.5
641988	Drill Core	2.4	0.005	0.046	49.5	119.0	145.7	231	1.0	38.3	17.1	1209	4.47	45.9	2.5	2.9	2.6	21	2.1	1.6	5.3
641989	Drill Core	3	0.006	0.011	59.8	166.5	285.8	230	1.8	41.8	19.8	1073	4.70	34.1	2.0	2.9	2.3	82	3.1	1.9	7.6
641990	Drill Core	3.6	0.007	0.012	61.7	117.6	7.5	43	0.6	52.9	24.8	220	2.95	2.4	0.8	12.3	1.8	32	0.7	0.2	9.4
641991	Drill Core	6.3	0.032	0.019	281.3	92.9	6.1	32	0.3	46.4	21.8	170	2.81	1.8	0.7	6.2	2.3	50	0.3	0.1	6.2
641992	Drill Core	7.3	0.032	0.014	275.7	90.9	5.8	37	0.3	44.1	21.5	233	2.64	2.5	1.6	4.0	2.5	44	0.3	0.1	3.8
641993	Drill Core	5.1	0.013	0.024	108.1	116.3	97.7	129	1.5	52.0	23.4	565	3.77	15.3	1.0	12.6	2.6	54	2.2	1.1	19.9

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	Fluorine	
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	F	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.01		
640928	Rock Pulp	24	1.16	0.066	18	19	0.44	120	0.017	<20	0.67	0.030	0.25	0.6	<0.01	3.0	0.3	0.27	3	<0.5	0.10
640929	Drill Core	67	1.42	0.125	8	60	0.92	41	0.141	<20	0.79	0.040	0.23	>100	<0.01	4.1	0.8	1.32	4	9.2	0.43
640930	Drill Core	65	1.53	0.124	6	62	0.94	16	0.123	<20	0.91	0.029	0.10	>100	<0.01	3.6	0.2	0.68	4	3.8	0.34
640931	Drill Core	80	1.94	0.126	8	78	1.18	23	0.137	<20	1.10	0.033	0.17	>100	<0.01	5.5	0.6	0.77	5	3.9	0.42
640932	Drill Core	63	1.48	0.111	6	64	1.00	36	0.131	<20	0.84	0.047	0.22	>100	<0.01	4.7	0.8	1.02	4	4.1	0.44
640933	Drill Core	88	2.13	0.123	7	86	1.45	49	0.158	<20	1.26	0.054	0.38	>100	<0.01	7.1	2.4	1.97	5	9.5	0.56
640934	Drill Core	104	2.29	0.138	8	120	1.99	82	0.179	<20	1.48	0.076	0.49	>100	<0.01	9.5	1.8	1.93	6	12.4	0.77
640935	Drill Core	102	2.71	0.130	8	119	1.87	74	0.139	<20	1.64	0.042	0.51	>100	<0.01	9.4	2.0	1.59	7	8.3	0.63
640936	Drill Core	66	1.77	0.141	7	67	1.02	20	0.147	<20	0.98	0.067	0.12	>100	<0.01	5.3	0.2	1.03	4	6.7	0.37
640937	Drill Core	88	2.12	0.142	7	93	1.48	25	0.164	<20	1.26	0.059	0.22	>100	<0.01	7.1	0.6	1.39	6	7.7	0.51
640938	Drill Core	104	5.52	0.116	8	111	1.99	18	0.133	<20	1.74	0.028	0.14	>100	<0.01	9.7	0.4	1.34	7	7.0	0.59
640939	Drill Core	136	3.92	0.155	8	145	2.42	63	0.190	<20	1.98	0.067	0.57	>100	<0.01	12.3	2.1	1.17	9	4.8	1.02
640940	Drill Core	82	7.19	0.098	7	90	3.12	24	0.020	<20	1.17	0.017	0.26	49.0	<0.01	14.0	0.6	0.63	4	2.6	0.29
640941	Drill Core	83	2.01	0.146	6	94	1.26	31	0.146	<20	1.22	0.078	0.21	55.7	<0.01	6.4	0.3	0.71	5	3.0	0.28
640942	Drill Core	61	1.52	0.144	5	104	0.95	21	0.145	<20	1.06	0.073	0.13	48.2	<0.01	3.2	0.2	0.69	4	3.3	0.28
640943	Drill Core	83	1.70	0.136	6	118	1.19	40	0.196	<20	1.25	0.081	0.27	89.7	<0.01	4.0	0.6	0.78	5	4.1	0.31
RRE 640943	Drill Core	82	1.66	0.135	6	119	1.21	44	0.206	<20	1.24	0.092	0.28	89.5	<0.01	4.0	0.6	0.74	5	3.0	0.31
640944	Drill Core	101	1.84	0.141	9	116	1.82	103	0.215	<20	1.65	0.117	0.80	>100	<0.01	6.0	2.3	0.84	7	3.7	0.61
640945	Drill Core	69	1.45	0.132	8	71	1.02	39	0.184	<20	1.05	0.092	0.26	63.6	<0.01	4.1	0.5	0.39	5	1.7	0.25
640946	Drill Core	37	0.83	0.079	13	61	0.78	28	0.127	<20	0.79	0.052	0.24	15.7	<0.01	2.0	0.5	0.50	4	2.3	0.14
640947	Drill Core	82	2.15	0.123	7	149	1.74	48	0.173	<20	1.51	0.072	0.38	>100	<0.01	5.1	1.1	0.73	6	3.3	0.33
640948	Drill Core	80	1.60	0.112	6	169	1.80	165	0.195	<20	1.52	0.101	0.77	>100	<0.01	5.0	1.9	1.33	6	4.4	0.35
641986	Drill Core	42	1.04	0.123	6	37	0.43	28	0.118	<20	1.19	0.073	0.10	82.7	<0.01	1.3	0.1	1.18	4	6.2	0.22
641987	Drill Core	53	1.14	0.122	6	52	0.67	37	0.153	<20	1.37	0.123	0.16	65.7	<0.01	2.0	0.4	1.29	4	6.2	0.29
641988	Drill Core	110	0.51	0.134	9	97	2.12	53	0.025	<20	2.61	0.044	0.28	>100	<0.01	11.3	0.7	<0.05	9	1.4	0.19
641989	Drill Core	122	0.64	0.138	8	110	2.16	53	0.058	<20	2.57	0.027	0.26	46.5	<0.01	10.5	1.0	0.18	8	3.1	0.25
641990	Drill Core	52	1.62	0.125	7	47	0.58	31	0.135	<20	1.77	0.072	0.11	75.4	<0.01	2.3	0.2	1.32	5	8.2	0.27
641991	Drill Core	44	1.31	0.119	6	38	0.46	32	0.154	<20	1.31	0.132	0.09	>100	<0.01	1.4	0.2	1.45	4	5.2	0.24
641992	Drill Core	51	1.12	0.121	6	45	0.60	28	0.140	<20	1.34	0.109	0.08	96.6	<0.01	1.7	0.2	1.22	4	5.4	0.24
641993	Drill Core	97	1.18	0.123	7	88	1.41	34	0.148	<20	1.90	0.094	0.14	>100	<0.01	5.6	0.5	0.80	7	5.6	0.28



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
641994	Drill Core	5.8	0.012	0.014	102.1	134.6	5.6	43	0.3	50.8	24.8	300	3.38	3.1	0.9	6.3	2.2	62	0.4	0.2	11.6
641995	Drill Core	5.9	0.005	0.006	42.7	106.7	8.4	36	0.6	45.6	20.7	155	3.06	0.9	0.6	5.1	1.9	31	0.7	0.1	7.9
641996	Drill Core	5.7	0.007	0.012	55.2	94.8	6.7	90	0.5	47.6	23.2	190	2.88	1.5	0.8	4.7	2.2	67	1.8	0.1	7.1
641997	Drill Core	7	0.011	0.011	90.0	75.9	6.0	40	0.4	46.8	21.9	206	2.84	1.6	0.6	4.4	1.5	64	0.5	<0.1	7.1
641998	Drill Core	6	0.013	0.021	113.5	82.2	5.4	31	0.3	44.9	18.7	174	2.66	0.9	0.5	4.5	1.5	61	0.4	<0.1	5.0
641999	Drill Core	3	0.009	0.006	81.8	78.2	5.0	39	0.3	43.3	19.2	181	2.59	1.3	0.6	3.3	1.9	73	0.5	<0.1	3.1
642000	Drill Core	3.2	0.007	0.006	56.0	79.2	4.8	41	0.3	50.2	19.7	192	2.62	1.7	0.7	3.9	1.9	67	0.6	0.2	2.7
642051	Rock Pulp	<0.001	1.022	13.8	4336	3.8	54	2.1	120.6	77.5	731	26.64	4.8	2.4	453.2	2.4	62	0.3	0.3	835.7	
642052	Drill Core	0.4	<0.001	<0.005	0.4	2.3	1.6	1	<0.1	1.5	0.3	147	0.11	1.0	<0.1	<0.5	0.1	55	<0.1	<0.1	<0.1
642053	Drill Core	3	0.003	<0.005	22.4	113.0	4.7	30	0.3	30.0	19.5	170	3.00	2.1	0.5	2.4	1.5	49	0.1	<0.1	2.2
642054	Drill Core	2.9	0.008	0.019	50.1	132.1	4.5	45	0.2	29.3	19.3	264	3.14	0.9	0.9	3.3	4.4	39	<0.1	0.1	2.5
642055	Drill Core	2.7	0.004	0.020	30.9	31.4	5.3	25	<0.1	13.3	4.7	166	0.86	1.5	0.3	2.0	1.2	17	0.4	0.4	0.8
642056	Drill Core	2.4	0.012	0.069	99.4	75.8	27.3	54	0.7	39.5	14.2	551	2.00	3.7	0.6	2.0	1.7	45	0.8	1.3	15.1
642057	Drill Core	3.7	0.013	0.083	114.7	89.4	14.4	60	0.3	40.6	14.9	386	2.29	5.1	0.6	2.1	2.3	68	0.7	1.8	6.7
642058	Drill Core	6.4	0.004	0.084	34.4	97.2	4.2	45	0.3	40.5	18.9	231	2.79	<0.5	0.5	1.8	1.7	43	0.4	<0.1	6.0
642059	Drill Core	6.3	0.011	0.081	89.7	107.0	9.2	55	0.4	42.3	23.8	281	3.03	5.4	0.8	5.3	2.2	32	0.7	0.7	14.6
642060	Drill Core	6.8	0.019	0.107	168.6	76.4	5.9	31	0.3	43.3	20.4	196	2.43	1.4	0.7	3.9	2.3	33	0.3	0.1	6.7
642061	Drill Core	6.3	0.006	0.093	52.3	113.5	8.1	43	0.4	46.2	21.1	245	2.93	1.2	0.7	7.4	2.1	57	0.6	0.1	9.2
642062	Drill Core	6.4	0.007	0.077	55.2	106.5	7.4	41	0.5	40.0	18.6	161	2.71	1.3	0.6	55.6	1.9	69	0.8	<0.1	20.6
642063	Drill Core	6.6	0.002	0.077	18.9	95.4	7.1	32	0.4	43.1	19.1	170	2.63	0.7	0.7	10.8	2.2	50	0.4	<0.1	21.7
642064	Drill Core	2.9	0.022	0.078	181.2	164.7	12.9	129	0.5	41.6	22.6	311	3.52	31.1	0.5	9.8	1.7	32	2.5	0.1	15.6
642065	Drill Core	6.9	0.006	0.078	39.6	63.7	5.1	26	0.3	31.6	14.5	138	1.96	1.2	0.5	5.6	1.6	44	0.3	<0.1	2.8
642066	Drill Core	4.8	0.005	0.075	44.3	75.3	23.5	82	0.6	40.3	16.5	302	2.34	3.1	0.5	3.6	1.7	85	1.5	0.5	6.2
642067	Drill Core	4.4	0.013	0.079	136.7	116.2	34.5	141	0.6	51.1	20.9	325	3.00	1.7	1.1	2.3	2.2	102	3.3	0.8	6.0
642068	Drill Core	6.3	0.049	0.091	469.8	102.9	75.5	178	1.1	34.3	17.6	438	2.66	0.7	0.8	9.9	2.1	79	4.0	0.7	19.0
642069	Drill Core	6.6	0.004	0.074	32.3	101.1	12.9	97	0.3	39.7	17.4	243	2.61	1.0	0.6	2.3	2.2	79	1.8	0.2	3.6
642070	Drill Core	6.7	0.030	0.080	256.0	114.4	8.6	27	0.3	41.6	18.0	179	2.63	0.8	0.7	5.4	2.1	90	0.2	<0.1	8.6
RRE 642070	Drill Core		0.033	0.076	278.6	109.8	9.1	35	0.4	40.9	18.5	167	2.58	<0.5	0.7	5.8	2.1	87	0.2	0.5	12.1
642071	Drill Core	4.7	0.006	0.079	52.2	60.9	5.9	27	0.2	35.0	15.2	173	1.96	0.6	0.9	4.5	2.0	72	0.2	<0.1	4.4
642072	Drill Core	4.9	0.047	0.094	432.6	104.0	10.4	36	0.3	38.3	17.6	206	2.43	3.9	0.8	4.2	1.8	57	0.3	0.4	6.8



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method Analyte Unit MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	Fluorine %	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	
641994	Drill Core	60	1.52	0.112	7	54	0.78	34	0.172	<20	1.53	0.123	0.13	90.7	<0.01	2.3	0.2	1.65	5	10.3	0.31
641995	Drill Core	34	1.39	0.123	5	30	0.36	23	0.117	<20	1.17	0.073	0.08	45.1	<0.01	1.2	0.1	1.64	4	7.5	0.20
641996	Drill Core	46	1.57	0.115	6	41	0.48	37	0.152	<20	1.48	0.138	0.12	68.7	<0.01	1.4	0.2	1.48	4	7.3	0.21
641997	Drill Core	56	1.61	0.127	6	46	0.57	41	0.158	<20	1.69	0.147	0.13	76.8	<0.01	1.7	0.2	1.31	5	6.6	0.19
641998	Drill Core	48	1.30	0.119	6	40	0.50	36	0.140	<20	1.37	0.136	0.11	>100	<0.01	1.3	0.2	1.25	4	5.8	0.21
641999	Drill Core	47	1.43	0.114	7	41	0.50	41	0.154	<20	1.45	0.160	0.11	59.5	<0.01	1.5	0.2	1.20	4	5.6	0.22
642000	Drill Core	48	1.36	0.109	7	46	0.52	43	0.159	<20	1.36	0.153	0.13	40.6	<0.01	1.6	0.3	1.18	4	5.2	0.18
642051	Rock Pulp	7	3.05	0.045	10	21	1.03	16	0.021	<20	1.03	0.031	0.17	>100	<0.01	0.7	0.2	>10	9	16.7	0.12
642052	Drill Core	<2	20.58	0.004	<1	2	11.58	1	0.001	<20	0.02	0.017	0.02	1.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	0.02
642053	Drill Core	51	1.35	0.132	7	25	0.50	39	0.158	<20	1.34	0.150	0.17	25.5	<0.01	1.5	0.4	1.40	4	6.4	0.18
642054	Drill Core	63	1.32	0.107	12	38	0.76	57	0.179	<20	1.52	0.189	0.33	>100	<0.01	2.9	1.0	1.50	5	9.1	0.28
642055	Drill Core	21	0.68	0.015	2	41	0.28	16	0.041	<20	0.40	0.024	0.04	55.2	<0.01	1.6	<0.1	0.26	2	2.6	0.06
642056	Drill Core	64	2.55	0.107	5	49	0.87	30	0.105	<20	1.37	0.061	0.10	99.4	<0.01	4.0	0.3	0.60	5	6.5	0.28
642057	Drill Core	53	2.34	0.124	6	49	0.69	22	0.090	<20	1.90	0.081	0.07	>100	<0.01	3.3	0.2	1.03	6	8.2	0.32
642058	Drill Core	45	1.25	0.116	6	41	0.62	27	0.119	<20	1.08	0.103	0.12	>100	<0.01	1.8	0.2	1.40	4	7.9	0.40
642059	Drill Core	51	1.86	0.118	6	46	0.63	22	0.120	<20	1.46	0.070	0.08	72.8	<0.01	2.1	0.2	1.68	5	8.9	0.28
642060	Drill Core	39	1.38	0.120	5	36	0.47	23	0.117	<20	1.08	0.073	0.08	>100	<0.01	1.3	0.1	1.12	4	6.9	0.25
642061	Drill Core	45	1.63	0.122	6	42	0.62	28	0.132	<20	1.39	0.104	0.11	>100	<0.01	1.6	0.2	1.47	4	8.7	0.31
642062	Drill Core	37	1.47	0.118	5	30	0.43	29	0.124	<20	1.23	0.111	0.10	68.5	<0.01	1.3	0.2	1.39	4	11.8	0.26
642063	Drill Core	40	1.42	0.121	6	38	0.45	29	0.133	<20	1.22	0.107	0.09	75.1	<0.01	1.2	0.1	1.25	4	8.5	0.25
642064	Drill Core	55	1.15	0.101	4	48	0.66	23	0.098	<20	1.18	0.068	0.09	75.0	<0.01	2.6	0.2	1.83	5	10.2	0.30
642065	Drill Core	32	1.06	0.098	4	28	0.36	18	0.093	<20	0.90	0.080	0.06	64.5	<0.01	1.1	<0.1	0.94	3	5.5	0.22
642066	Drill Core	47	1.68	0.114	5	40	0.63	23	0.088	<20	1.34	0.087	0.08	55.8	<0.01	2.1	0.1	0.95	4	5.1	0.23
642067	Drill Core	57	1.93	0.144	6	49	0.77	33	0.116	<20	1.64	0.106	0.11	>100	<0.01	3.1	0.1	1.27	5	7.9	0.27
642068	Drill Core	56	2.89	0.116	5	44	0.85	22	0.099	<20	1.78	0.087	0.09	>100	<0.01	3.1	0.2	1.12	5	8.4	0.21
642069	Drill Core	46	1.83	0.116	5	40	0.56	25	0.119	<20	1.44	0.103	0.10	54.1	<0.01	2.4	0.1	1.16	5	5.6	0.23
642070	Drill Core	37	1.44	0.119	6	30	0.49	30	0.123	<20	1.27	0.114	0.10	>100	<0.01	1.6	0.1	1.34	4	9.2	0.27
RRE 642070	Drill Core	35	1.37	0.113	5	35	0.45	28	0.118	<20	1.22	0.114	0.09	>100	<0.01	1.5	0.1	1.28	4	9.2	0.28
642071	Drill Core	37	1.33	0.107	5	30	0.43	23	0.123	<20	1.18	0.113	0.08	69.1	<0.01	1.5	<0.1	0.80	4	4.8	0.27
642072	Drill Core	36	1.85	0.108	4	33	0.50	22	0.084	<20	1.23	0.067	0.08	>100	<0.01	1.7	0.1	1.17	4	8.7	0.29



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CERTIFICATE OF ANALYSIS

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Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
642073	Drill Core	6.2	0.004	0.069	30.8	97.2	6.1	27	0.2	36.9	17.3	216	2.44	7.7	0.7	3.4	2.4	99	0.2	0.7	5.3
642074	Drill Core	4.3	0.018	0.089	149.0	160.3	35.3	140	0.8	41.0	18.8	588	2.98	6.6	1.0	4.3	2.3	119	2.7	1.5	21.2
642075	Drill Core	2.3	0.015	0.061	130.5	126.1	20.5	92	0.6	38.4	17.7	541	2.78	26.9	0.8	6.9	2.4	130	1.4	8.9	6.6
642076	Drill Core	5.8	0.017	0.068	140.9	127.1	46.9	534	1.1	36.2	15.6	870	3.09	11.4	0.9	2.3	2.4	125	13.6	2.4	6.7
642077	Drill Core	4.8	0.011	0.075	91.1	91.1	11.9	214	0.3	36.2	16.1	251	2.23	0.8	0.8	3.0	2.4	64	5.4	0.2	3.9
642078	Drill Core	5	0.007	0.071	75.7	100.1	4.5	34	0.1	52.0	24.1	216	3.17	1.3	1.0	3.1	3.2	75	0.2	<0.1	1.9
640233	Drill Core	3.3	0.011	0.113	97.7	113.0	58.5	98	0.4	18.9	7.7	599	1.89	11.7	1.6	4.2	3.6	52	1.2	3.1	159.5
640234	Drill Core	4.3	0.010	0.032	91.4	221.7	21.7	67	0.5	22.8	8.6	451	2.07	11.4	1.6	4.9	3.0	48	0.9	1.9	58.1
640235	Drill Core	3.8	0.005	0.090	49.9	119.8	6.5	90	0.1	30.7	8.0	782	1.89	12.7	2.3	1.4	3.3	290	0.8	0.9	5.1
640236	Drill Core	5.6	0.006	0.032	53.8	101.4	5.6	76	0.1	31.6	8.2	597	1.73	11.2	2.1	2.5	3.8	63	0.5	1.8	3.7
640237	Drill Core	5.4	0.006	0.111	57.6	104.1	4.9	119	0.2	23.9	7.7	1909	2.33	2.2	2.8	4.8	3.8	68	0.7	0.6	9.7
640238	Drill Core	7.4	0.008	0.068	73.8	150.5	12.8	104	0.4	34.8	7.6	790	1.88	1.9	2.8	5.3	4.1	39	1.0	0.4	16.8
640239	Drill Core	4.9	0.006	0.039	46.3	145.3	7.2	55	0.2	27.0	10.1	494	2.16	2.8	1.9	4.1	3.6	40	0.5	0.5	10.1
640240	Drill Core	8.2	0.022	0.066	207.1	221.9	30.5	103	0.5	22.9	11.2	596	2.36	1.8	2.2	4.1	3.6	51	1.5	0.6	58.6
640241	Drill Core	4	0.005	0.101	49.5	284.3	88.0	76	0.7	7.9	13.9	995	3.56	1.7	1.6	6.3	2.8	86	0.7	1.3	181.2
640242	Drill Core	5.6	0.010	0.052	91.0	217.8	34.6	73	0.7	22.5	10.1	593	2.21	2.8	3.8	3.6	3.3	69	1.0	0.7	50.1
640243	Drill Core	5.6	0.005	0.033	41.0	139.5	8.5	49	0.2	27.5	9.6	398	1.99	2.8	1.8	1.9	3.2	58	0.6	0.3	6.4
640244	Drill Core	2.9	0.011	0.039	91.5	148.7	22.3	69	0.6	29.3	10.2	674	1.87	11.8	1.5	2.9	3.0	130	0.8	0.7	17.8
640245	Drill Core	5.2	0.012	0.040	96.8	205.4	21.1	94	20.4	28.9	10.2	531	2.03	4.6	1.4	4.1	2.4	57	1.5	0.6	15.8
640246	Drill Core	3.8	0.011	0.051	101.9	175.1	53.1	93	1.7	32.5	9.7	515	2.01	2.1	1.8	3.0	3.1	43	1.5	0.9	42.2
640247	Drill Core	4.9	0.012	0.054	109.3	157.4	17.7	126	0.6	34.3	9.0	684	1.80	1.7	1.7	1.6	2.9	31	1.3	0.3	12.1
640248	Drill Core	7	0.024	0.099	233.5	173.7	31.1	107	0.9	38.5	13.8	926	2.78	4.5	1.5	3.6	2.5	71	1.2	0.7	25.7
640249	Drill Core	6.5	0.019	0.098	190.9	191.3	32.4	171	0.7	37.9	13.0	2036	2.95	15.9	1.8	3.5	2.8	245	1.8	1.5	26.0
640250	Drill Core	5.6	0.019	0.095	185.3	144.4	38.6	93	1.0	34.8	9.3	998	1.99	5.3	2.4	2.8	4.3	196	0.8	0.6	29.5
640251	Drill Core	4.4	0.007	0.053	64.0	147.1	16.4	66	0.5	37.7	8.4	628	1.79	1.8	1.9	2.1	3.2	49	0.7	0.4	12.1
640252	Drill Core	7	0.017	0.091	161.8	151.1	31.7	110	0.7	24.1	8.2	831	1.85	1.3	1.6	4.1	2.9	39	1.3	0.5	22.9
640253	Drill Core	6.5	0.013	0.049	113.9	123.0	21.8	78	0.5	17.7	8.3	601	1.80	1.0	1.5	1.8	3.0	76	0.9	0.2	12.9
RRE 640253	Drill Core		0.012	0.049	106.9	112.3	22.5	72	0.4	17.3	8.3	612	1.69	1.4	1.5	1.9	3.0	87	0.8	0.2	13.5
640254	Drill Core	5.9	0.012	0.091	111.4	91.3	15.3	76	1.1	24.2	7.5	665	1.42	1.1	1.6	2.8	2.9	79	1.0	0.2	4.1
640255	Drill Core	5.4	0.012	0.138	113.0	64.2	51.9	270	1.8	18.2	6.2	1087	1.21	3.2	3.4	2.3	3.1	176	5.3	0.8	14.0



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Method Analyte Unit MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Fluorine F %	
642073	Drill Core	40	1.60	0.112	5	35	0.52	27	0.097	<20	1.21	0.090	0.09	42.4	<0.01	1.9	0.2	1.13	4	6.8	0.20
642074	Drill Core	67	2.19	0.110	6	51	0.94	41	0.134	<20	1.29	0.085	0.11	>100	<0.01	4.0	0.2	1.36	5	8.6	0.42
642075	Drill Core	64	6.01	0.107	5	49	0.89	48	0.081	<20	3.23	0.158	0.16	6.2	0.13	4.1	1.1	1.98	5	8.2	0.24
642076	Drill Core	106	4.31	0.110	6	76	1.51	48	0.098	<20	2.08	0.067	0.24	52.3	<0.01	7.3	0.9	1.43	7	6.6	0.28
642077	Drill Core	49	1.56	0.120	5	37	0.57	33	0.131	<20	1.28	0.143	0.15	82.8	<0.01	2.2	0.3	0.96	4	4.0	0.25
642078	Drill Core	60	1.59	0.163	7	48	0.61	40	0.174	<20	1.65	0.216	0.25	39.1	<0.01	2.2	0.6	1.53	5	7.2	0.16
640233	Drill Core	50	1.26	0.102	10	24	0.61	137	0.086	<20	0.90	0.059	0.23	>100	<0.01	3.2	0.5	0.44	4	5.5	0.35
640234	Drill Core	52	0.77	0.126	11	27	0.49	101	0.048	<20	1.20	0.037	0.14	61.2	<0.01	2.3	0.3	0.33	4	6.0	0.17
640235	Drill Core	47	1.87	0.104	13	20	0.39	203	0.048	<20	2.14	0.083	0.10	>100	<0.01	2.4	0.2	<0.05	5	1.7	0.23
640236	Drill Core	65	1.04	0.074	11	34	0.60	90	0.053	<20	1.48	0.033	0.11	43.4	<0.01	2.7	0.2	0.09	6	3.9	0.14
640237	Drill Core	65	3.64	0.116	15	32	1.02	52	0.122	<20	0.86	0.060	0.10	>100	<0.01	3.0	0.2	0.51	4	5.6	0.75
640238	Drill Core	92	1.88	0.062	15	42	0.70	46	0.138	<20	0.63	0.041	0.07	>100	<0.01	3.4	0.1	0.81	4	7.0	0.49
640239	Drill Core	65	1.54	0.114	14	27	0.51	63	0.107	<20	0.67	0.054	0.07	67.6	<0.01	2.5	0.1	1.14	3	7.1	0.28
640240	Drill Core	66	2.06	0.122	15	33	0.52	82	0.128	<20	0.83	0.062	0.13	>100	<0.01	3.2	0.2	1.44	4	8.7	0.54
640241	Drill Core	103	2.32	0.138	8	8	1.00	80	0.167	<20	1.09	0.093	0.23	>100	<0.01	7.1	0.7	1.81	5	8.6	0.77
640242	Drill Core	63	1.94	0.119	14	28	0.56	135	0.109	<20	0.86	0.045	0.22	>100	<0.01	3.3	0.4	1.30	4	9.1	0.46
640243	Drill Core	61	1.41	0.099	11	23	0.50	93	0.094	<20	0.76	0.059	0.10	45.4	<0.01	2.4	0.2	1.09	4	7.6	0.24
640244	Drill Core	53	2.80	0.070	12	30	1.25	131	0.050	<20	1.92	0.071	0.03	59.1	<0.01	2.4	0.1	0.90	5	7.5	0.27
640245	Drill Core	58	2.01	0.089	12	24	0.66	86	0.057	<20	0.90	0.028	0.08	>100	<0.01	3.1	0.2	0.96	4	7.1	0.27
640246	Drill Core	70	2.18	0.065	14	43	0.56	71	0.080	<20	0.67	0.035	0.08	>100	0.01	3.1	0.1	1.01	3	8.4	0.36
640247	Drill Core	80	1.94	0.056	13	36	0.63	54	0.091	<20	0.60	0.032	0.07	>100	<0.01	3.1	0.1	0.90	3	7.2	0.32
640248	Drill Core	96	3.05	0.089	10	61	1.10	104	0.126	<20	0.84	0.046	0.19	>100	<0.01	6.6	0.6	1.35	4	8.4	0.62
640249	Drill Core	65	5.94	0.125	17	43	0.96	272	0.057	<20	1.27	0.032	0.32	>100	<0.01	5.9	0.7	1.24	5	6.4	0.66
640250	Drill Core	56	4.49	0.104	19	32	0.71	271	0.027	<20	1.21	0.034	0.36	>100	<0.01	4.9	0.6	0.71	5	5.2	0.74
640251	Drill Core	99	2.16	0.052	15	44	0.73	117	0.103	<20	0.76	0.032	0.07	>100	<0.01	3.7	0.1	0.84	4	5.6	0.35
640252	Drill Core	68	2.48	0.085	13	38	0.75	81	0.104	<20	0.94	0.047	0.13	>100	<0.01	3.4	0.3	0.82	4	4.8	0.59
640253	Drill Core	56	1.70	0.079	11	20	0.78	85	0.096	<20	0.90	0.058	0.14	>100	<0.01	2.6	0.3	0.82	4	5.5	0.44
RRE 640253	Drill Core	55	1.67	0.075	11	28	0.80	101	0.098	<20	0.99	0.063	0.15	>100	<0.01	2.5	0.3	0.76	5	5.2	0.37
640254	Drill Core	45	2.34	0.074	12	23	0.48	50	0.108	<20	0.92	0.061	0.07	>100	<0.01	1.7	<0.1	0.58	4	4.2	0.39
640255	Drill Core	46	6.32	0.124	15	28	0.77	48	0.084	29	1.75	0.048	0.04	>100	<0.01	2.0	0.1	0.37	6	2.7	0.78



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
640256	Drill Core	4.5	0.025	0.059	237.5	126.9	4.0	38	0.3	37.8	14.6	204	2.53	<0.5	1.3	3.7	2.2	67	0.5	<0.1	2.5
640257	Drill Core	2.9	0.022	0.107	212.7	32.8	6.2	97	0.5	37.4	4.8	760	0.81	2.5	7.2	7.8	3.8	124	1.3	1.3	6.7
640258	Drill Core	7.3	0.053	0.139	536.2	90.1	54.8	291	0.9	44.6	4.8	1978	1.62	1.9	9.9	2.8	3.2	76	6.2	1.0	11.2
640259	Drill Core	6.6	0.018	0.100	171.8	37.0	19.2	145	0.3	26.5	4.8	931	1.00	2.0	3.7	2.9	3.7	62	2.3	1.0	5.3
640260	Drill Core	3.1	0.018	0.158	185.6	110.7	58.9	237	1.0	36.6	7.5	1783	2.12	2.0	4.0	3.1	3.9	156	3.5	0.8	34.5
640261	Drill Core	3.3	0.012	0.218	111.4	98.7	18.1	194	0.3	28.3	6.8	1483	2.01	2.7	4.1	5.2	3.7	120	2.9	0.6	5.7
640262	Drill Core	0.3	<0.001	0.044	1.0	2.5	1.8	2	<0.1	0.7	0.6	158	0.12	0.9	<0.1	<0.5	<0.1	64	<0.1	<0.1	<0.1
640263	Rock Pulp		<0.001	1.323	12.3	4306	3.5	54	2.1	113.4	75.3	693	26.53	4.9	1.9	444.7	1.8	60	0.2	0.3	813.9
640264	Drill Core	7	0.012	0.078	117.1	38.6	12.3	127	0.2	19.9	3.9	483	0.80	2.0	3.2	2.7	4.0	66	2.3	0.7	3.5
640265	Drill Core	6.5	0.012	0.089	122.4	98.0	6.2	183	0.2	23.8	4.9	744	1.21	2.1	3.8	8.5	3.5	85	3.4	0.4	7.4
640266	Drill Core	7.3	0.009	0.090	86.5	106.4	6.8	103	0.2	37.1	9.0	371	1.49	1.3	3.7	5.1	4.2	110	1.8	0.4	3.4
640267	Drill Core	5.3	0.011	0.033	102.6	157.8	33.6	88	0.5	47.8	10.9	392	2.13	1.3	2.8	3.6	4.0	38	1.0	<0.1	4.3
640268	Drill Core	8.5	0.007	0.042	65.7	117.5	11.5	46	0.2	20.0	10.8	523	2.41	4.6	1.7	10.2	3.4	80	0.3	0.3	4.9
640269	Drill Core	6.2	0.015	0.093	141.6	149.6	16.0	192	0.4	37.3	11.7	947	2.57	3.2	2.8	6.8	4.3	95	2.0	2.6	8.1
640270	Drill Core	6.4	0.012	0.119	116.5	40.1	18.0	165	0.3	25.2	7.4	964	1.51	2.8	3.6	3.8	4.0	65	2.4	2.2	6.7
640271	Drill Core	6.7	0.020	0.120	190.1	60.6	15.4	127	0.3	26.4	7.6	883	1.56	1.7	4.0	8.7	3.9	63	1.5	0.5	4.3
640272	Drill Core	6.7	0.039	0.094	374.4	91.2	14.4	187	0.3	34.5	8.5	939	1.92	2.2	8.2	5.2	4.4	89	3.3	1.2	6.3
640273	Drill Core	7.2	0.067	0.134	687.7	301.3	37.1	180	0.9	37.7	11.7	1021	2.55	2.5	4.8	6.8	4.2	103	2.6	0.5	17.9
640274	Drill Core	7	0.013	0.274	132.3	368.1	9.1	199	0.6	23.9	13.1	4228	4.66	5.8	3.5	8.3	3.4	104	1.3	0.9	5.6
640275	Drill Core	6	0.014	0.182	138.3	112.4	17.2	308	0.5	28.1	9.4	1576	2.40	1.6	3.9	5.0	3.8	158	5.9	0.4	11.7
640276	Drill Core	7.3	0.017	0.078	164.8	183.7	10.0	107	0.3	23.6	11.2	498	2.53	1.2	1.3	3.0	2.3	126	1.9	0.2	6.3
640277	Drill Core	6.9	0.015	0.054	134.4	246.6	9.1	79	0.3	25.1	14.1	421	2.96	1.5	1.6	3.1	2.1	77	1.0	0.2	3.1
RRE 640277	Drill Core		0.017	0.058	168.2	229.2	8.3	75	0.3	24.7	13.1	412	2.95	1.6	1.5	10.9	2.0	77	1.0	0.2	2.7
640278	Drill Core	6.3	0.017	<0.005	85.5	169.3	9.7	53	0.3	27.0	13.0	257	2.42	1.1	1.3	4.9	2.2	21	0.7	0.2	6.1
640279	Drill Core	2.7	0.013	0.021	100.7	127.1	8.7	101	0.2	33.4	8.9	594	2.01	2.2	2.2	2.7	3.5	132	1.2	0.4	7.4
640280	Drill Core	6.2	0.012	0.061	94.4	92.0	13.2	150	0.3	26.4	7.7	1491	2.17	1.8	3.1	6.6	4.0	69	1.5	0.7	7.4
642079	Drill Core	3.6	0.014	0.013	59.5	118.1	21.0	45	0.6	42.2	19.9	404	2.89	3.6	0.7	2.2	2.4	87	0.2	0.6	18.4
642080	Drill Core	6.7	0.011	0.082	77.6	152.1	9.7	62	0.3	36.6	18.8	501	2.98	4.3	1.0	2.5	2.5	52	0.7	0.5	8.1
642081	Drill Core	6.2	0.011	0.023	71.9	138.9	11.4	56	0.4	38.7	20.6	433	3.10	4.5	0.9	3.0	2.3	73	0.5	0.5	9.2
642082	Drill Core	2.8	0.007	0.026	34.3	148.5	12.4	36	0.3	28.1	18.5	276	2.90	0.8	1.0	8.5	2.3	39	0.1	0.2	24.3



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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method Analyte Unit MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Fluorine %	
640256	Drill Core	36	1.68	0.108	9	21	0.27	56	0.117	<20	0.60	0.074	0.11	47.9	<0.01	1.0	0.2	1.54	2	8.5	0.23
640257	Drill Core	94	5.78	0.149	18	34	0.08	27	0.095	171	1.78	0.044	0.02	>100	<0.01	1.6	<0.1	0.19	5	1.9	0.48
640258	Drill Core	316	6.56	0.145	19	45	0.34	40	0.109	<20	1.60	0.020	0.04	>100	<0.01	2.8	<0.1	0.19	6	3.0	0.82
640259	Drill Core	84	3.70	0.115	16	41	0.31	38	0.108	<20	1.08	0.027	0.04	>100	<0.01	1.5	<0.1	0.20	4	2.7	0.45
640260	Drill Core	131	6.09	0.145	19	63	0.73	153	0.165	<20	1.56	0.225	0.11	>100	<0.01	4.3	0.1	0.41	7	2.6	1.53
640261	Drill Core	104	4.97	0.142	15	48	0.59	147	0.119	<20	1.32	0.188	0.11	>100	0.26	3.0	0.1	0.57	6	3.6	1.27
640262	Drill Core	2	20.75	0.006	<1	2	13.13	2	<0.001	<20	0.02	0.026	0.02	4.1	<0.01	<0.1	<0.1	<0.05	<1	1.1	0.02
640263	Rock Pulp	7	3.28	0.046	9	21	1.01	14	0.016	<20	0.98	0.034	0.15	>100	0.18	0.5	0.2	>10	10	17.8	0.12
640264	Drill Core	45	3.20	0.112	15	33	0.21	46	0.104	<20	0.94	0.060	0.05	>100	0.04	1.3	<0.1	0.19	3	2.8	0.43
640265	Drill Core	55	4.93	0.119	16	38	0.36	52	0.098	<20	1.16	0.066	0.04	>100	0.05	1.8	<0.1	0.33	4	3.6	0.75
640266	Drill Core	43	3.36	0.145	15	27	0.18	91	0.116	<20	1.43	0.110	0.08	>100	0.02	1.2	<0.1	0.72	4	7.2	0.36
640267	Drill Core	109	1.23	0.086	14	54	0.78	90	0.158	<20	0.96	0.054	0.17	14.3	<0.01	3.4	0.4	1.01	5	8.2	0.27
640268	Drill Core	59	1.86	0.101	12	27	0.76	84	0.077	<20	1.10	0.062	0.20	33.2	0.01	3.0	0.3	1.01	5	7.3	0.18
640269	Drill Core	74	4.67	0.163	19	42	0.58	52	0.157	<20	1.46	0.101	0.08	>100	0.05	3.0	0.1	1.00	6	9.2	0.73
640270	Drill Core	60	4.46	0.140	17	40	0.47	45	0.103	<20	1.35	0.056	0.04	>100	0.06	2.2	<0.1	0.54	5	3.3	0.84
640271	Drill Core	55	4.02	0.182	16	35	0.47	73	0.101	<20	1.25	0.059	0.06	>100	0.04	2.1	<0.1	0.50	5	4.8	0.74
640272	Drill Core	130	4.34	0.172	16	54	0.53	96	0.128	<20	1.05	0.068	0.08	>100	0.04	2.9	0.1	0.61	5	6.9	0.65
640273	Drill Core	137	4.09	0.143	17	61	0.78	113	0.146	<20	1.17	0.159	0.12	>100	0.08	3.7	0.3	1.17	6	7.8	0.91
640274	Drill Core	89	11.49	0.086	13	37	2.98	43	0.128	<20	1.28	0.078	0.04	>100	0.11	3.5	<0.1	2.04	7	16.7	2.85
640275	Drill Core	71	7.30	0.098	17	52	0.77	130	0.129	<20	1.59	0.153	0.08	>100	0.09	3.3	0.1	0.77	6	6.0	1.40
640276	Drill Core	58	2.56	0.122	11	28	0.47	138	0.153	<20	1.71	0.150	0.15	>100	<0.01	2.6	0.3	1.31	6	11.5	0.49
640277	Drill Core	69	1.72	0.122	11	27	0.54	116	0.151	<20	0.79	0.075	0.15	>100	<0.01	3.2	0.3	1.73	4	12.2	0.28
RRE 640277	Drill Core	71	1.64	0.119	11	31	0.57	130	0.157	<20	0.78	0.080	0.16	>100	0.03	3.3	0.3	1.70	4	11.8	0.37
640278	Drill Core	46	1.06	0.116	10	20	0.30	59	0.090	<20	0.54	0.043	0.05	40.6	<0.01	1.5	<0.1	1.38	3	13.8	0.14
640279	Drill Core	92	2.52	0.065	12	48	0.70	65	0.109	<20	0.85	0.032	0.10	>100	<0.01	4.2	<0.1	0.90	4	7.6	0.44
640280	Drill Core	59	5.31	0.132	15	34	1.18	47	0.113	<20	1.33	0.029	0.03	>100	<0.01	2.5	<0.1	0.66	6	6.0	1.10
642079	Drill Core	64	1.58	0.112	5	50	0.86	30	0.106	<20	1.36	0.111	0.18	82.9	<0.01	2.9	0.7	1.23	4	8.4	0.32
642080	Drill Core	72	1.94	0.113	6	51	1.01	57	0.147	<20	1.37	0.112	0.26	>100	<0.01	4.8	1.0	1.32	4	8.6	0.56
642081	Drill Core	65	1.81	0.104	6	51	0.87	46	0.124	<20	1.49	0.119	0.23	>100	<0.01	3.8	0.6	1.22	5	8.5	0.38
642082	Drill Core	46	1.28	0.112	6	27	0.63	27	0.084	<20	1.04	0.063	0.12	>100	<0.01	2.0	0.3	1.29	4	11.1	0.41



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CERTIFICATE OF ANALYSIS

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Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
642083	Drill Core	2.8	0.014	0.053	76.4	162.3	10.4	40	0.3	30.0	19.8	323	3.26	0.8	0.9	3.9	2.4	45	0.2	0.2	15.5
642084	Drill Core	0.2	<0.001	<0.005	0.4	2.3	1.5	1	<0.1	0.6	0.4	145	0.12	0.6	<0.1	<0.5	<0.1	54	<0.1	<0.1	<0.1
642085	Rock Pulp		0.072	<0.005	626.7	114.3	8.7	79	0.1	14.5	5.8	646	2.30	1.8	2.2	1.2	5.3	144	0.8	0.3	0.6
642086	Drill Core	4.4	0.007	0.011	45.3	146.5	5.6	164	0.2	14.0	18.0	953	3.32	1.1	0.9	11.0	2.8	61	0.4	0.1	16.4
642087	Drill Core	3.5	0.012	0.049	68.8	139.3	28.4	110	0.3	11.1	15.0	573	3.09	0.7	0.9	16.6	2.4	31	1.5	0.3	56.4
642088	Drill Core	6.3	0.009	0.029	52.0	110.9	8.5	46	0.2	13.7	15.9	370	2.89	0.8	0.8	11.1	2.3	40	0.3	0.1	12.7
642089	Drill Core	6.7	0.007	0.030	38.5	118.0	4.4	55	0.1	12.7	15.4	408	2.96	0.7	0.7	18.8	2.5	36	0.4	0.1	5.0
642090	Drill Core	6.4	0.007	0.027	52.9	150.0	34.5	59	0.2	32.5	16.9	518	3.21	2.5	0.7	1.8	3.1	40	0.4	0.7	69.6
642091	Drill Core	6.5	0.038	0.021	310.6	160.7	4.9	59	0.2	17.9	16.8	582	3.48	43.5	1.5	3.1	2.9	55	0.2	0.7	2.0
642092	Drill Core	7.1	0.031	0.010	250.7	116.6	4.4	46	<0.1	11.2	14.6	371	2.99	5.4	1.2	3.0	3.0	79	0.2	0.7	2.7
642093	Drill Core	6.2	0.016	0.041	135.9	159.5	71.7	54	0.2	11.2	14.7	481	3.19	3.6	0.9	2.6	2.7	47	0.2	0.8	157.4
642094	Drill Core	5.4	0.049	0.025	388.7	167.1	270.3	132	1.7	14.3	17.0	858	4.03	103.2	1.9	7.5	2.6	73	2.1	3.5	775.8
642095	Drill Core	5.5	0.029	0.009	242.4	88.7	29.0	52	0.3	10.8	13.9	429	2.89	7.6	1.1	4.1	2.8	127	0.4	1.1	37.3
642096	Drill Core	5.8	0.006	0.005	51.0	44.7	13.3	67	0.1	10.4	12.5	483	2.77	3.8	1.2	0.8	3.3	137	0.4	0.5	17.5
642097	Drill Core	2.7	0.004	0.010	29.0	71.3	44.5	238	0.7	15.4	16.5	1653	4.25	798.1	0.8	33.2	2.5	157	4.1	1.6	3.7
642098	Drill Core	5.9	0.015	0.055	123.2	133.2	8.9	68	0.1	28.8	17.7	600	3.39	14.3	0.8	2.2	2.5	138	0.4	1.9	42.6
642099	Drill Core	4.5	0.046	<0.005	402.6	371.9	246.6	938	3.6	15.1	18.3	1666	4.23	2525	1.0	89.3	2.2	193	23.7	5.2	82.9
642100	Drill Core	5.4	0.020	0.011	118.1	352.5	228.5	4160	3.5	15.5	20.4	1579	4.57	5580	0.8	231.1	2.2	173	102.9	7.7	56.5
642101	Drill Core	4.9	0.063	<0.005	525.5	208.6	75.7	1246	1.9	10.6	14.9	1362	3.42	2605	0.8	98.4	1.9	216	31.7	4.7	31.1
642102	Drill Core	6.4	0.011	0.021	73.2	155.4	41.4	107	1.1	16.9	21.1	521	4.29	36.9	1.9	5.1	2.6	46	1.6	0.6	41.1
642103	Drill Core	4.2	0.008	0.030	57.2	133.8	6.8	46	0.3	20.7	21.4	403	3.42	23.5	0.5	6.0	1.1	33	0.4	0.4	10.2
642104	Drill Core	6.3	0.018	0.075	148.3	161.1	17.7	76	0.2	16.2	17.6	661	3.86	4.3	1.6	5.1	2.4	40	0.3	1.1	190.0
642105	Drill Core	6.7	0.017	0.076	142.8	185.9	10.6	83	0.2	16.6	17.2	673	3.59	15.4	1.1	4.0	2.5	34	0.7	1.1	108.5
642106	Drill Core	5.7	0.010	0.042	74.0	137.1	6.2	52	0.2	17.2	19.8	433	3.34	2.9	0.8	2.4	2.3	57	0.2	0.3	5.7
642107	Drill Core	6.4	0.016	0.037	130.9	114.4	6.2	55	0.1	15.7	14.6	461	2.88	3.2	0.8	1.5	2.4	60	0.2	0.4	18.4
642108	Drill Core	5.9	0.009	0.009	84.2	99.2	47.2	103	1.1	17.3	16.2	722	3.48	111.3	0.8	5.4	2.2	199	0.9	1.8	27.5
642109	Drill Core	5.5	0.013	0.013	106.3	129.5	8.5	63	0.2	18.3	15.4	743	3.17	15.8	1.0	1.7	2.4	158	0.2	1.6	4.6
642110	Drill Core	5.6	0.010	0.009	63.0	180.4	41.8	51	0.2	15.1	17.7	421	3.37	4.1	0.7	1.7	2.1	137	0.4	0.8	126.6
642111	Drill Core	3.4	0.059	0.230	515.1	359.2	197.9	95	1.4	18.2	22.3	1087	5.19	72.8	1.6	12.1	1.8	106	1.4	5.7	804.6
642112	Drill Core	3.2	0.035	0.021	293.7	182.2	10.9	53	0.2	15.9	16.4	554	3.22	8.0	5.7	1.8	3.1	66	<0.1	1.4	20.5



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	Fluorine	
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	F	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.01		
642083	Drill Core	59	1.54	0.109	7	29	0.80	51	0.125	<20	1.27	0.098	0.18	>100	0.02	2.9	0.5	1.48	4	11.4	0.34
642084	Drill Core	3	20.99	0.005	<1	2	11.02	1	0.001	<20	0.03	0.022	0.02	1.7	<0.01	0.1	<0.1	<0.05	<1	<0.5	0.04
642085	Rock Pulp	28	1.18	0.075	18	20	0.47	130	0.019	<20	0.71	0.041	0.30	0.4	<0.01	3.0	0.2	0.29	3	0.5	0.11
642086	Drill Core	66	1.15	0.129	9	19	0.65	68	0.148	<20	1.29	0.127	0.28	72.5	<0.01	3.0	0.8	1.33	4	12.2	0.31
642087	Drill Core	89	1.68	0.122	8	25	1.09	80	0.164	<20	1.19	0.093	0.42	>100	<0.01	4.4	1.6	1.19	5	9.6	0.50
642088	Drill Core	72	1.34	0.138	7	21	0.78	61	0.144	<20	1.23	0.128	0.30	>100	<0.01	3.4	0.8	0.99	5	6.5	0.38
642089	Drill Core	74	1.21	0.130	8	19	0.79	74	0.151	<20	1.18	0.117	0.38	>100	<0.01	3.1	1.1	1.05	5	8.4	0.36
642090	Drill Core	70	1.55	0.106	10	78	1.13	38	0.124	<20	1.18	0.056	0.21	>100	<0.01	4.4	0.7	1.26	5	8.8	0.44
642091	Drill Core	97	2.09	0.113	10	43	1.13	67	0.188	<20	1.68	0.120	0.33	>100	<0.01	5.0	0.8	1.16	7	5.7	0.54
642092	Drill Core	77	1.76	0.120	8	15	0.73	63	0.160	<20	1.71	0.129	0.29	75.2	<0.01	2.7	0.9	0.93	6	4.3	0.29
642093	Drill Core	89	1.65	0.126	9	25	0.93	62	0.178	<20	1.66	0.120	0.32	>100	<0.01	4.1	1.2	0.83	7	6.4	0.28
642094	Drill Core	132	3.37	0.124	9	44	1.61	55	0.137	<20	2.77	0.046	0.24	>100	<0.01	10.3	1.1	0.94	10	13.7	0.31
642095	Drill Core	82	1.52	0.120	8	21	0.94	36	0.131	<20	1.76	0.083	0.12	48.8	<0.01	3.7	0.4	0.68	6	5.0	0.20
642096	Drill Core	92	1.81	0.125	8	20	0.95	44	0.147	<20	1.73	0.100	0.17	35.0	<0.01	4.2	0.3	0.30	6	2.0	0.13
642097	Drill Core	121	3.70	0.117	9	46	1.94	69	0.045	<20	2.63	0.040	0.32	35.8	<0.01	11.0	1.0	0.62	9	3.5	0.27
642098	Drill Core	98	1.81	0.120	9	44	1.30	100	0.193	<20	1.77	0.098	0.46	>100	<0.01	5.2	1.6	1.03	6	5.6	0.49
642099	Drill Core	123	6.99	0.109	8	43	1.70	28	0.048	<20	2.89	0.029	0.11	14.4	<0.01	8.9	0.5	0.79	10	11.8	0.12
642100	Drill Core	101	5.60	0.103	8	46	1.63	29	0.042	<20	2.96	0.020	0.13	43.3	0.04	8.2	0.7	1.31	9	13.9	0.14
642101	Drill Core	97	8.57	0.082	7	32	1.26	28	0.056	<20	3.26	0.029	0.12	11.9	0.01	7.2	1.4	0.73	9	6.4	0.13
642102	Drill Core	91	1.75	0.129	8	24	1.10	56	0.148	<20	1.56	0.092	0.24	>100	<0.01	4.5	0.6	1.58	6	7.1	0.26
642103	Drill Core	58	1.50	0.117	5	31	0.88	43	0.182	<20	0.96	0.110	0.20	>100	0.01	4.5	0.6	1.55	4	5.5	0.36
642104	Drill Core	109	1.79	0.125	9	32	1.20	111	0.247	<20	1.58	0.135	0.52	>100	<0.01	6.0	1.7	1.16	6	7.8	0.55
642105	Drill Core	91	1.78	0.125	9	32	1.07	88	0.228	<20	1.43	0.109	0.47	>100	<0.01	5.2	1.2	1.07	5	6.3	0.57
642106	Drill Core	78	1.45	0.130	8	23	0.87	81	0.200	<20	1.45	0.146	0.37	>100	<0.01	3.9	1.1	1.07	6	5.1	0.34
642107	Drill Core	80	1.77	0.133	8	27	0.96	72	0.200	<20	1.59	0.122	0.35	>100	0.01	4.0	0.9	0.74	6	5.0	0.41
642108	Drill Core	103	2.98	0.129	8	31	1.23	96	0.159	<20	2.51	0.105	0.38	53.9	<0.01	5.9	1.1	0.80	8	4.4	0.31
642109	Drill Core	96	2.76	0.119	8	42	1.35	71	0.137	<20	2.34	0.079	0.21	80.9	<0.01	5.9	0.6	0.87	9	6.0	0.39
642110	Drill Core	77	1.73	0.127	7	22	0.86	62	0.166	<20	1.73	0.117	0.25	61.2	<0.01	3.3	0.7	1.07	6	5.3	0.34
642111	Drill Core	122	3.06	0.119	8	62	1.74	214	0.201	<20	2.29	0.122	0.96	>100	<0.01	9.9	4.2	2.09	11	11.2	1.23
642112	Drill Core	78	1.60	0.122	8	29	0.94	82	0.195	<20	1.25	0.097	0.36	>100	0.01	4.9	1.2	1.01	6	4.9	0.32



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000177.3

Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
642113	Drill Core	3.4	0.031	0.345	256.1	414.9	180.2	146	1.0	16.3	27.9	647	6.39	10.6	3.9	2.4	2.0	58	2.4	6.7	CHECK
642114	Drill Core	6.5	0.019	0.071	159.9	249.7	23.5	82	0.4	21.1	19.6	737	3.81	1.2	1.8	0.9	2.4	65	0.3	1.7	199.3
642115	Drill Core	3	0.021	0.039	189.0	158.2	31.8	73	0.6	22.9	20.8	682	3.78	1.1	1.1	3.4	2.1	54	0.2	0.7	44.7
642116	Drill Core	3.3	0.015	0.059	132.7	132.8	18.5	63	0.4	23.6	20.7	583	3.69	1.3	1.1	3.0	2.1	67	<0.1	0.5	16.0
642117	Drill Core	0.3	<0.001	<0.005	0.9	2.0	2.3	2	<0.1	1.3	0.5	161	0.13	1.3	<0.1	<0.5	0.1	73	<0.1	<0.1	0.5
642118	Rock Pulp		0.001	0.966	13.3	4536	4.7	57	2.2	120.0	68.7	694	22.99	5.5	2.8	515.1	2.6	70	0.3	0.5	925.0
642119	Drill Core	7.1	0.023	0.016	202.9	403.9	6.8	109	0.3	50.5	61.4	504	7.55	4.1	0.4	4.4	0.7	20	1.1	1.2	5.1
642120	Drill Core	6.9	0.008	0.018	73.7	413.2	8.6	100	0.3	48.8	68.7	670	8.07	5.0	0.6	1.8	0.9	39	0.8	1.0	6.6
RRE 642120	Drill Core		0.010	0.014	80.6	423.5	7.8	105	0.3	51.3	68.4	841	8.41	6.0	0.6	1.0	0.9	42	0.6	1.3	5.9
642121	Drill Core	5.9	0.024	0.027	183.7	272.5	5.2	74	0.2	65.9	41.3	705	5.61	25.5	0.4	1.9	0.9	126	<0.1	2.8	3.0
642122	Drill Core	6.5	0.030	0.036	199.1	221.5	15.8	59	0.3	75.7	35.0	485	5.13	1.1	0.7	0.7	2.0	37	<0.1	0.3	25.9
642123	Drill Core	6.2	0.007	0.038	45.6	369.3	8.6	64	0.4	23.3	36.1	611	6.42	<0.5	0.7	1.3	2.2	29	0.3	0.2	5.3
642124	Drill Core	6.9	0.016	0.032	125.8	300.6	8.8	85	0.3	20.2	31.0	479	5.85	<0.5	0.7	2.8	2.0	39	0.4	0.2	7.0
642125	Drill Core	6.2	0.022	0.015	188.1	310.9	18.2	71	0.8	25.2	33.3	490	6.03	<0.5	0.7	1.0	2.2	59	<0.1	0.2	13.5
642126	Drill Core	6.4	0.009	0.026	72.9	393.7	14.3	54	0.6	31.3	33.3	426	6.16	1.2	0.8	3.4	2.1	27	0.2	0.1	9.4
642127	Drill Core	6.5	0.008	0.061	67.7	206.9	14.8	159	0.4	36.7	15.5	676	3.23	<0.5	2.9	5.5	4.0	46	2.2	0.2	11.3
642128	Drill Core	6.4	0.005	0.114	42.8	75.6	27.2	301	0.3	28.7	8.7	2028	2.97	1.5	3.3	6.3	4.4	78	3.6	0.4	7.1
642129	Drill Core	2.9	0.006	0.058	59.9	79.3	27.4	309	0.4	23.5	7.4	477	1.52	1.6	3.2	3.8	4.8	88	7.0	0.6	7.3
642130	Drill Core	3.1	0.003	0.014	19.4	74.5	97.7	303	2.2	24.0	6.1	260	1.11	1.7	2.5	9.4	4.0	93	7.6	0.5	32.2
642131	Drill Core	6.2	0.006	0.047	68.1	126.9	27.6	309	0.5	32.4	9.4	405	1.99	0.9	3.2	16.7	4.0	43	7.1	0.3	10.3
642132	Drill Core	6.4	0.003	0.034	32.5	79.4	21.8	292	0.3	18.9	6.6	656	1.79	1.5	3.0	5.2	3.9	65	6.1	0.8	13.3
642133	Drill Core	6	0.007	0.047	82.9	102.6	27.8	202	0.5	32.6	8.0	309	1.59	1.5	3.3	4.7	4.1	59	4.7	0.7	19.2
642134	Drill Core	2.7	0.004	0.023	46.2	157.6	14.1	140	0.4	32.5	10.9	206	2.00	1.6	2.5	4.3	4.1	55	2.8	0.3	12.9
642135	Drill Core	5.5	0.034	0.041	446.2	124.6	20.3	205	0.5	29.7	10.2	572	2.12	9.1	3.2	8.1	4.1	149	3.4	2.0	12.4
642136	Drill Core	3.4	0.229	0.057	>2000	193.0	27.3	126	0.9	35.8	12.0	510	2.88	<0.5	5.2	10.4	3.8	71	<0.1	0.7	26.9
642137	Drill Core	5.5	0.031	0.122	392.7	103.2	10.1	141	0.3	28.9	7.3	590	1.79	0.5	4.4	5.3	4.3	54	1.8	0.6	4.6
642138	Drill Core	6.7	0.021	0.096	234.9	310.4	12.5	209	0.6	39.4	19.3	696	4.31	<0.5	4.0	7.8	5.9	77	4.4	0.2	13.1
642139	Drill Core	6.6	0.014	0.049	158.7	101.9	13.4	181	0.4	28.3	8.2	197	1.36	1.0	3.0	4.0	4.1	42	3.6	0.3	12.3
642140	Drill Core	6.5	0.011	0.055	116.0	66.9	29.7	130	0.6	24.0	6.6	474	1.35	1.2	3.3	4.4	4.2	50	2.1	0.4	26.7
642141	Drill Core	6.4	0.007	0.039	92.6	56.2	19.9	197	0.4	14.0	4.9	467	1.11	1.8	2.6	4.3	3.9	53	4.2	0.7	13.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	Fluorine	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	F	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.01		
642113	Drill Core	70	2.02	0.075	6	48	0.96	82	0.153	<20	1.36	0.049	0.28	>100	0.12	5.6	1.9	3.15	6	14.4	0.48
642114	Drill Core	102	1.87	0.131	8	40	1.32	89	0.230	<20	1.55	0.118	0.33	>100	0.08	7.0	1.0	1.17	6	5.7	0.49
642115	Drill Core	122	1.86	0.134	7	42	1.37	73	0.256	<20	1.47	0.102	0.38	>100	0.05	6.3	1.2	1.13	6	5.2	0.55
642116	Drill Core	118	1.68	0.127	7	31	1.23	74	0.254	<20	1.65	0.148	0.33	>100	0.07	5.2	1.0	1.13	6	5.1	0.43
642117	Drill Core	<2	20.22	0.005	<1	2	13.13	1	0.001	<20	0.03	0.018	0.02	1.7	<0.01	0.1	<0.1	<0.05	<1	<0.5	0.02
642118	Rock Pulp	8	3.44	0.052	10	22	1.10	17	0.021	<20	1.02	0.038	0.18	>100	0.09	0.7	0.2	9.05	9	12.4	0.15
642119	Drill Core	276	1.84	0.060	2	23	1.01	15	0.389	<20	1.02	0.084	0.09	>100	0.03	7.7	0.5	3.76	5	19.9	0.19
642120	Drill Core	220	2.59	0.168	4	48	1.77	57	0.441	<20	1.42	0.140	0.25	>100	0.01	14.1	0.8	3.87	6	23.9	0.50
RRE 642120	Drill Core	258	3.21	0.164	4	59	2.17	64	0.505	<20	1.61	0.153	0.32	>100	0.02	17.8	1.0	3.71	7	22.6	0.62
642121	Drill Core	107	4.08	0.268	5	134	1.93	65	0.202	<20	2.08	0.085	0.41	>100	0.02	8.7	2.0	2.60	7	12.2	0.40
642122	Drill Core	88	1.46	0.227	7	122	1.52	78	0.228	<20	1.38	0.113	0.68	>100	0.03	5.2	2.6	2.26	6	8.0	0.34
642123	Drill Core	132	1.70	0.266	9	31	1.40	75	0.286	<20	1.16	0.096	0.49	>100	0.07	8.5	1.7	2.73	5	11.4	0.51
642124	Drill Core	110	1.48	0.259	7	17	1.13	89	0.236	<20	1.20	0.114	0.54	>100	0.06	5.6	1.4	2.55	5	13.5	0.39
642125	Drill Core	114	1.49	0.251	8	24	1.30	103	0.239	<20	1.56	0.151	0.73	>100	0.04	5.4	1.9	2.86	5	18.5	0.43
642126	Drill Core	88	1.45	0.215	8	19	0.96	53	0.229	<20	0.78	0.077	0.32	>100	0.04	5.2	0.9	3.00	3	21.0	0.47
642127	Drill Core	68	2.77	0.134	16	40	0.53	26	0.149	<20	0.65	0.076	0.05	>100	0.09	2.7	0.1	1.52	2	12.7	0.46
642128	Drill Core	90	6.61	0.111	18	49	1.10	16	0.139	<20	1.39	0.119	0.05	>100	0.19	2.8	0.1	0.54	5	5.3	1.27
642129	Drill Core	54	3.14	0.109	15	36	0.40	38	0.124	<20	0.94	0.070	0.07	>100	0.06	1.7	0.1	0.60	3	5.9	0.39
642130	Drill Core	34	2.91	0.113	13	18	0.19	44	0.093	<20	1.26	0.053	0.06	90.6	0.03	0.9	0.1	0.46	4	7.6	0.25
642131	Drill Core	73	2.39	0.115	14	31	0.34	37	0.123	<20	0.64	0.060	0.07	>100	0.09	2.0	<0.1	0.93	3	9.9	0.33
642132	Drill Core	52	3.90	0.113	14	21	0.59	33	0.114	<20	1.13	0.088	0.06	>100	0.05	1.8	<0.1	0.59	4	6.5	0.60
642133	Drill Core	64	2.69	0.117	15	35	0.28	89	0.129	<20	0.96	0.070	0.07	>100	0.10	1.8	<0.1	0.72	4	9.0	0.37
642134	Drill Core	40	1.82	0.138	14	20	0.21	83	0.113	<20	0.72	0.074	0.09	>100	0.05	1.3	<0.1	1.06	3	11.1	0.21
642135	Drill Core	65	4.97	0.107	14	34	0.49	122	0.108	<20	2.18	0.055	0.09	>100	0.07	2.2	0.3	0.75	7	9.1	0.50
642136	Drill Core	115	2.98	0.104	14	34	0.39	89	0.156	<20	1.05	0.096	0.10	>100	0.10	3.2	0.2	1.54	4	19.0	0.52
642137	Drill Core	78	3.37	0.104	15	37	0.59	63	0.142	<20	0.73	0.089	0.06	>100	0.18	2.6	<0.1	0.69	2	7.5	0.56
642138	Drill Core	102	3.62	0.136	21	44	0.73	92	0.179	<20	1.03	0.157	0.09	>100	0.13	4.2	<0.1	2.25	4	26.1	0.79
642139	Drill Core	44	1.85	0.109	13	35	0.22	105	0.111	<20	0.54	0.077	0.07	>100	0.06	1.4	<0.1	0.68	2	7.8	0.25
642140	Drill Core	57	3.33	0.113	15	29	0.40	56	0.126	<20	0.73	0.065	0.07	>100	0.08	2.2	<0.1	0.45	3	5.1	0.45
642141	Drill Core	36	4.54	0.135	14	33	0.26	35	0.096	<20	1.13	0.081	0.04	>100	0.08	1.4	<0.1	0.39	3	4.5	0.48



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Project: Northern Dancer
 Report Date: February 29, 2008

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Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
642142	Drill Core	7.1	0.006	0.059	72.4	59.3	16.3	197	0.4	17.3	5.9	514	1.27	1.4	3.0	2.8	4.0	54	4.2	0.5	10.1
RRE 642142	Drill Core		0.005	0.053	67.0	63.1	20.2	225	0.5	19.7	6.4	507	1.31	1.6	3.1	4.2	4.2	52	4.9	0.5	13.4
642143	Drill Core	3.2	0.016	0.447	159.5	88.2	12.5	125	0.3	22.7	7.5	274	1.48	1.4	2.5	9.2	4.6	37	2.7	0.4	6.6
642144	Drill Core	6.8	0.026	0.086	300.7	68.2	19.2	339	0.4	25.4	6.9	662	1.51	3.7	3.5	11.6	4.0	78	6.6	0.8	16.4
642145	Drill Core	6.4	0.026	0.137	201.7	63.9	16.6	170	0.3	20.4	7.0	556	1.44	0.7	2.1	12.3	3.6	72	2.8	0.2	9.9
642146	Drill Core	3.1	0.011	0.083	103.1	71.2	12.9	127	0.3	34.4	7.4	341	1.17	1.3	2.7	5.2	3.4	44	2.3	0.2	6.3
642147	Drill Core	5.2	0.019	0.102	186.4	86.8	6.0	53	0.2	30.1	10.1	261	1.40	1.4	1.4	3.8	3.0	42	0.6	<0.1	3.1
642148	Drill Core	3.4	0.016	0.017	161.5	80.9	3.6	81	0.1	176.8	23.1	316	2.00	3.1	0.3	0.8	0.6	78	0.9	0.1	3.0
642149	Drill Core	3.1	0.035	0.019	374.9	75.0	3.3	51	0.1	185.2	23.1	305	1.94	3.6	0.3	1.6	0.5	79	0.2	0.1	2.4
642150	Drill Core	0.6	<0.001	<0.005	1.7	2.1	1.5	2	<0.1	1.3	0.7	155	0.11	1.0	<0.1	<0.5	<0.1	63	<0.1	<0.1	<0.1
642151	Rock Pulp		0.073	<0.005	618.7	108.0	7.8	77	0.2	14.9	5.4	587	2.15	1.9	2.0	231.4	4.3	130	0.5	0.2	0.5
642152	Drill Core	7.2	0.016	0.020	144.4	108.6	2.6	32	0.1	212.6	29.2	196	1.93	4.5	0.2	1.1	0.4	87	0.2	<0.1	2.3
642153	Drill Core	2.5	0.008	0.013	109.1	99.7	4.8	68	0.2	34.1	9.3	148	1.43	0.9	1.4	1.5	2.8	34	1.4	<0.1	1.7
642154	Drill Core	3.5	0.006	0.008	68.1	87.4	7.8	141	0.2	21.9	7.2	399	1.46	0.9	2.0	5.3	3.3	158	2.4	0.2	3.9
642155	Drill Core	3.2	0.014	0.012	146.0	79.2	6.3	143	0.2	27.5	5.1	414	1.07	0.6	5.4	4.2	3.7	53	2.7	0.3	6.2
642156	Drill Core	3.5	0.009	0.013	91.1	112.7	4.2	101	0.2	32.0	6.8	400	1.16	1.2	3.8	3.7	3.3	82	1.9	0.2	4.0
642157	Drill Core	3.3	0.016	0.051	137.5	39.1	5.9	173	0.1	22.2	4.7	719	1.08	1.7	3.0	7.9	3.6	66	2.5	0.3	8.1
642158	Drill Core	3.4	0.010	0.008	86.5	111.8	7.9	184	0.3	33.8	8.6	368	1.52	1.9	2.0	9.7	3.7	61	3.6	0.3	7.0
642159	Drill Core	3.4	0.011	0.026	91.5	71.7	12.1	309	0.3	35.4	5.8	376	1.03	2.4	3.4	9.3	3.9	58	7.4	0.2	10.4
642160	Drill Core	3.3	0.012	0.008	103.9	66.3	8.0	231	0.2	43.6	6.1	382	0.95	2.5	4.3	7.1	4.1	71	5.8	0.2	6.6
642161	Drill Core	3.4	0.013	0.008	127.4	55.9	26.2	279	0.4	30.7	5.4	459	0.92	3.4	4.2	10.0	4.1	79	6.5	0.6	17.4
642162	Drill Core	3.4	0.005	<0.005	61.7	53.9	9.4	161	0.3	34.2	5.1	426	0.84	2.3	4.3	4.3	4.3	74	3.4	0.2	11.1
642163	Drill Core	3.3	0.008	0.009	111.1	45.7	12.8	278	0.3	30.8	4.5	409	0.73	3.9	4.8	4.5	4.4	61	5.8	0.3	10.8
642164	Drill Core	3.3	0.010	0.012	77.9	76.1	41.1	297	0.8	34.8	5.3	408	0.92	3.1	5.2	6.6	4.8	73	7.2	0.3	34.7
642165	Drill Core	3.5	0.014	0.022	167.0	37.3	5.7	108	0.2	26.4	5.5	1031	1.33	2.2	4.1	2.5	4.2	63	0.9	0.5	5.1
642166	Drill Core	3.3	0.006	0.009	87.9	91.4	8.7	78	0.2	24.5	7.2	190	1.23	0.7	1.9	2.7	5.1	43	1.5	<0.1	3.8
642167	Drill Core	3.5	0.005	<0.005	60.1	85.2	17.0	130	0.4	23.7	7.1	131	1.12	0.7	2.0	3.8	4.7	67	3.4	<0.1	9.3
642168	Drill Core	2.8	0.039	0.006	344.6	75.7	19.9	144	0.5	26.5	6.2	566	1.21	1.3	3.4	5.0	5.0	54	2.8	0.2	5.9
642169	Drill Core	3.6	0.014	0.007	192.3	49.9	53.9	585	0.8	29.0	4.7	352	0.63	2.1	4.9	10.0	4.5	62	15.8	0.1	40.4
642170	Drill Core	3.6	0.015	0.016	170.1	34.4	14.1	86	0.3	18.8	4.2	418	0.65	1.3	3.6	3.9	3.8	83	1.4	0.5	3.4



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Method Analyte Unit MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	Fluorine %	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	
642142	Drill Core	46	5.05	0.146	14	30	0.40	24	0.120	<20	1.26	0.076	0.03	>100	0.07	2.1	<0.1	0.38	4	4.1	0.59
RRE 642142	Drill Core	47	5.10	0.144	15	36	0.40	24	0.125	<20	1.19	0.076	0.04	>100	0.10	2.2	<0.1	0.42	4	4.7	0.67
642143	Drill Core	43	2.86	0.127	14	27	0.28	29	0.140	<20	0.92	0.088	0.05	>100	0.07	2.2	<0.1	0.65	3	5.8	0.43
642144	Drill Core	65	5.54	0.138	14	50	0.55	26	0.116	<20	1.37	0.074	0.03	>100	0.13	2.4	<0.1	0.41	4	5.1	0.87
642145	Drill Core	42	3.73	0.118	14	25	0.61	55	0.124	<20	1.20	0.080	0.10	>100	0.15	2.6	0.2	0.46	4	4.8	0.63
642146	Drill Core	44	2.42	0.128	11	32	0.29	34	0.075	<20	0.69	0.057	0.04	>100	0.06	1.3	<0.1	0.46	3	5.8	0.47
642147	Drill Core	29	1.29	0.093	10	27	0.41	69	0.079	<20	0.57	0.063	0.11	>100	0.05	1.4	0.2	0.64	3	7.6	0.28
642148	Drill Core	30	1.66	0.094	3	199	1.57	64	0.098	<20	1.53	0.121	0.28	>100	<0.01	2.2	0.9	0.71	5	7.4	0.66
642149	Drill Core	28	1.57	0.086	3	200	1.57	55	0.096	<20	1.53	0.117	0.25	>100	0.01	2.2	0.8	0.67	5	7.3	0.65
642150	Drill Core	2	20.89	0.008	<1	3	12.78	1	0.001	<20	0.03	0.023	0.02	3.0	<0.01	0.1	<0.1	<0.05	<1	0.6	0.03
642151	Rock Pulp	24	1.18	0.073	16	18	0.43	115	0.018	<20	0.71	0.040	0.27	0.5	<0.01	2.6	0.2	0.26	3	0.6	0.09
642152	Drill Core	19	1.47	0.095	3	135	0.94	27	0.084	<20	1.37	0.163	0.10	>100	0.03	1.7	0.3	0.96	4	11.5	0.63
642153	Drill Core	43	0.75	0.090	11	24	0.27	66	0.108	<20	0.29	0.041	0.09	>100	0.03	1.3	0.1	0.81	2	7.1	0.16
642154	Drill Core	50	3.11	0.108	12	24	0.50	81	0.127	<20	0.87	0.070	0.16	>100	0.02	2.0	0.3	0.65	4	6.0	0.41
642155	Drill Core	89	6.35	0.121	14	31	0.34	42	0.135	<20	0.44	0.047	0.06	>100	0.05	2.0	<0.1	0.41	2	3.8	0.41
642156	Drill Core	89	5.57	0.139	12	25	0.31	55	0.089	<20	0.72	0.059	0.12	>100	0.03	1.6	0.3	0.56	3	6.2	0.39
642157	Drill Core	83	8.11	0.110	14	43	0.61	39	0.123	<20	0.84	0.057	0.04	>100	0.09	2.6	<0.1	0.17	4	2.1	1.11
642158	Drill Core	58	2.93	0.092	12	33	0.38	37	0.127	<20	0.68	0.038	0.06	>100	0.03	2.1	<0.1	0.72	3	9.1	0.39
642159	Drill Core	90	3.21	0.129	14	35	0.21	38	0.115	<20	0.90	0.047	0.04	>100	0.05	1.4	<0.1	0.41	3	6.8	0.45
642160	Drill Core	95	5.04	0.154	15	36	0.17	54	0.112	<20	1.17	0.048	0.05	>100	0.03	1.2	<0.1	0.37	4	7.1	0.47
642161	Drill Core	78	3.78	0.161	14	29	0.22	51	0.120	<20	0.91	0.057	0.04	>100	0.03	1.3	<0.1	0.29	3	5.1	0.49
642162	Drill Core	49	3.83	0.128	16	31	0.28	48	0.120	<20	0.82	0.054	0.05	65.8	0.01	1.5	<0.1	0.22	3	3.6	0.44
642163	Drill Core	51	3.64	0.117	15	30	0.24	38	0.113	<20	0.72	0.052	0.03	>100	0.04	1.4	<0.1	0.20	3	4.4	0.45
642164	Drill Core	58	3.11	0.114	15	35	0.32	53	0.131	<20	0.64	0.060	0.05	>100	<0.01	1.7	<0.1	0.28	2	4.0	0.41
642165	Drill Core	61	3.53	0.120	14	33	0.96	38	0.132	<20	0.71	0.063	0.05	>100	<0.01	2.0	<0.1	0.24	3	2.8	0.56
642166	Drill Core	37	1.55	0.120	14	20	0.20	80	0.136	<20	0.57	0.063	0.08	67.6	<0.01	0.9	0.1	0.64	3	6.1	0.21
642167	Drill Core	27	2.18	0.122	14	17	0.14	69	0.107	<20	0.71	0.076	0.07	54.9	<0.01	0.7	0.1	0.63	2	6.2	0.19
642168	Drill Core	48	2.63	0.120	13	27	0.45	47	0.127	<20	0.70	0.056	0.05	>100	<0.01	1.6	<0.1	0.45	3	3.9	0.40
642169	Drill Core	41	4.35	0.134	15	24	0.18	43	0.105	<20	0.69	0.054	0.03	>100	<0.01	1.1	<0.1	0.26	2	4.5	0.35
642170	Drill Core	28	4.01	0.155	13	16	0.20	53	0.092	<20	1.01	0.046	0.04	>100	<0.01	0.8	<0.1	0.20	4	2.5	0.41



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Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
642171	Drill Core	1.2	0.028	0.068	268.5	103.8	46.5	1017	0.9	24.8	7.2	1053	1.77	4.2	3.8	6.2	3.9	77	25.8	0.3	31.3
642172	Drill Core	2.5	0.032	<0.005	94.6	135.0	5.0	85	0.3	36.1	11.9	181	2.02	0.7	1.6	7.7	3.0	21	1.5	<0.1	5.8
642173	Drill Core	3.7	0.010	0.044	148.8	80.0	5.7	109	0.2	23.9	8.6	875	1.85	1.0	2.2	4.8	3.5	105	1.1	0.3	4.9
642174	Drill Core	2.4	0.023	0.015	274.2	217.7	73.5	106	1.2	25.9	11.3	518	2.10	7.9	1.9	5.1	3.5	193	1.6	0.9	53.5
642175	Drill Core	2.4	0.048	0.044	169.8	47.9	6.0	96	0.1	17.3	5.6	625	1.25	2.3	2.1	4.0	4.2	97	1.1	0.5	4.2
642176	Drill Core	2.2	0.018	0.006	164.7	74.2	6.2	44	0.1	25.6	6.8	231	1.19	0.9	1.9	1.8	5.0	43	0.4	0.1	2.7
642177	Drill Core	3.5	0.014	0.022	131.7	45.3	5.9	122	0.1	14.6	4.3	252	0.81	1.2	2.4	3.1	4.4	103	2.2	0.4	3.8



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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	Fluorine
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	F	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.01		
642171	Drill Core	65	5.43	0.113	15	37	1.20	41	0.132	<20	0.94	0.065	0.04	>100	<0.01	2.5	<0.1	0.49	4	3.7	1.03
642172	Drill Core	60	0.98	0.080	9	26	0.35	87	0.098	<20	0.43	0.045	0.09	27.7	<0.01	1.7	0.2	1.12	2	8.5	0.18
642173	Drill Core	67	4.47	0.101	15	32	1.12	55	0.164	<20	1.37	0.075	0.05	>100	<0.01	2.8	<0.1	0.51	6	4.1	1.00
642174	Drill Core	54	3.45	0.120	11	25	0.59	123	0.082	<20	3.86	0.043	0.08	>100	<0.01	2.4	0.3	0.63	10	4.9	0.24
642175	Drill Core	44	3.17	0.092	12	19	0.80	114	0.096	<20	1.11	0.039	0.09	>100	<0.01	1.6	0.2	0.33	4	2.4	0.35
642176	Drill Core	40	1.21	0.088	12	23	0.40	114	0.092	<20	0.72	0.065	0.09	59.5	<0.01	1.5	0.2	0.52	3	4.3	0.15
642177	Drill Core	35	3.94	0.102	12	18	0.30	88	0.093	<20	1.30	0.070	0.11	>100	<0.01	1.0	0.2	0.31	5	2.3	0.33

QUALITY CONTROL REPORT

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Method	WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
Pulp Duplicates																					
640900	Drill Core	5.7	0.004	0.099	39.1	73.2	8.4	53	0.3	47.3	15.5	376	2.36	1.1	1.0	17.9	2.2	27	0.4	0.2	66.1
REP 640900	QC																				
640919	Drill Core	4.3	<0.001	0.010	10.1	144.4	36.4	46	0.3	33.2	16.8	409	2.47	1.3	0.7	25.2	1.9	41	0.4	0.6	79.9
REP 640919	QC		0.001	0.009																	
640925	Drill Core	1.9	0.004	0.036	39.1	328.7	47.2	63	1.7	45.5	39.5	722	4.81	3.1	2.2	6.8	2.5	46	0.5	1.5	43.6
REP 640925	QC				41.6	324.8	48.3	61	1.6	45.2	39.7	713	4.87	3.4	2.1	10.2	2.3	47	0.4	1.5	40.4
640947	Drill Core	5.7	0.006	0.020	51.4	108.7	9.0	82	0.2	78.7	21.4	743	3.09	2.5	1.2	5.5	3.2	69	0.3	0.3	8.6
REP 640947	QC		0.006	0.019																	
641996	Drill Core	5.7	0.007	0.012	55.2	94.8	6.7	90	0.5	47.6	23.2	190	2.88	1.5	0.8	4.7	2.2	67	1.8	0.1	7.1
REP 641996	QC				50.2	94.8	7.0	83	0.5	49.4	22.9	193	2.86	1.3	0.8	4.8	2.2	65	1.7	<0.1	7.3
642067	Drill Core	4.4	0.013	0.079	136.7	116.2	34.5	141	0.6	51.1	20.9	325	3.00	1.7	1.1	2.3	2.2	102	3.3	0.8	6.0
REP 642067	QC		0.012	0.076																	
642074	Drill Core	4.3	0.018	0.089	149.0	160.3	35.3	140	0.8	41.0	18.8	588	2.98	6.6	1.0	4.3	2.3	119	2.7	1.5	21.2
REP 642074	QC				159.8	165.0	35.1	139	0.8	39.3	19.5	584	3.00	5.8	0.9	3.4	2.2	122	2.9	1.5	21.4
640236	Drill Core	5.6	0.006	0.032	53.8	101.4	5.6	76	0.1	31.6	8.2	597	1.73	11.2	2.1	2.5	3.8	63	0.5	1.8	3.7
REP 640236	QC																				
640257	Drill Core	2.9	0.022	0.107	212.7	32.8	6.2	97	0.5	37.4	4.8	760	0.81	2.5	7.2	7.8	3.8	124	1.3	1.3	6.7
REP 640257	QC																				
640268	Drill Core	8.5	0.007	0.042	65.7	117.5	11.5	46	0.2	20.0	10.8	523	2.41	4.6	1.7	10.2	3.4	80	0.3	0.3	4.9
REP 640268	QC																				
640270	Drill Core	6.4	0.012	0.119	116.5	40.1	18.0	165	0.3	25.2	7.4	964	1.51	2.8	3.6	3.8	4.0	65	2.4	2.2	6.7
REP 640270	QC		0.013	0.122																	

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Method	Analyte	Unit	MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Fluorine F %
				2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01
C3	Standard																						0.04
C3	Standard																						0.04
C3	Standard																						0.05
C3	Standard																						0.04
C3	Standard																						0.05
C3	Standard																						0.04
Pulp Duplicates																							
640900	Drill Core			63	0.90	0.133	6	83	1.04	76	0.173	<20	1.17	0.097	0.56	>100	<0.01	2.5	1.5	0.29	5	2.9	0.31
REP 640900	QC																						0.29
640919	Drill Core			66	1.24	0.129	7	57	0.85	37	0.138	<20	0.95	0.056	0.25	>100	<0.01	3.5	0.9	0.67	4	3.3	0.36
REP 640919	QC																						
640925	Drill Core			83	1.92	0.103	7	80	1.32	53	0.165	<20	0.94	0.073	0.37	>100	<0.01	6.6	1.5	2.23	4	9.8	0.77
REP 640925	QC			84	1.94	0.105	7	82	1.30	52	0.173	<20	0.93	0.069	0.39	>100	<0.01	6.9	1.4	2.25	4	9.3	
640947	Drill Core			82	2.15	0.123	7	149	1.74	48	0.173	<20	1.51	0.072	0.38	>100	<0.01	5.1	1.1	0.73	6	3.3	0.33
REP 640947	QC																						0.34
641996	Drill Core			46	1.57	0.115	6	41	0.48	37	0.152	<20	1.48	0.138	0.12	68.7	<0.01	1.4	0.2	1.48	4	7.3	0.21
REP 641996	QC			49	1.56	0.117	6	44	0.48	36	0.152	<20	1.50	0.137	0.12	69.8	<0.01	1.6	0.2	1.47	4	7.2	
642067	Drill Core			57	1.93	0.144	6	49	0.77	33	0.116	<20	1.64	0.106	0.11	>100	<0.01	3.1	0.1	1.27	5	7.9	0.27
REP 642067	QC																						
642074	Drill Core			67	2.19	0.110	6	51	0.94	41	0.134	<20	1.29	0.085	0.11	>100	<0.01	4.0	0.2	1.36	5	8.6	0.42
REP 642074	QC			70	2.17	0.109	6	51	0.97	42	0.138	<20	1.39	0.082	0.11	>100	<0.01	3.7	0.2	1.33	5	7.9	
640236	Drill Core			65	1.04	0.074	11	34	0.60	90	0.053	<20	1.48	0.033	0.11	43.4	<0.01	2.7	0.2	0.09	6	3.9	0.14
REP 640236	QC																						0.16
640257	Drill Core			94	5.78	0.149	18	34	0.08	27	0.095	171	1.78	0.044	0.02	>100	<0.01	1.6	<0.1	0.19	5	1.9	0.48
REP 640257	QC																						0.47
640268	Drill Core			59	1.86	0.101	12	27	0.76	84	0.077	<20	1.10	0.062	0.20	33.2	0.01	3.0	0.3	1.01	5	7.3	0.18
REP 640268	QC																						0.18
640270	Drill Core			60	4.46	0.140	17	40	0.47	45	0.103	<20	1.35	0.056	0.04	>100	0.06	2.2	<0.1	0.54	5	3.3	0.84
REP 640270	QC																						

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Project: Northern Dancer

Report Date: February 29, 2008

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QUALITY CONTROL REPORT

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		WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
640271	Drill Core	6.7	0.020	0.120	190.1	60.6	15.4	127	0.3	26.4	7.6	883	1.56	1.7	4.0	8.7	3.9	63	1.5	0.5	4.3
REP 640271	QC				186.8	61.5	15.8	126	0.2	25.4	7.4	890	1.56	1.4	4.3	4.4	4.0	64	1.5	0.5	4.7
642085	Rock Pulp		0.072	<0.005	626.7	114.3	8.7	79	0.1	14.5	5.8	646	2.30	1.8	2.2	1.2	5.3	144	0.8	0.3	0.6
REP 642085	QC				630.6	116.8	9.2	80	0.2	14.7	6.0	685	2.31	1.7	2.1	17.5	4.8	145	0.9	0.3	0.6
642090	Drill Core	6.4	0.007	0.027	52.9	150.0	34.5	59	0.2	32.5	16.9	518	3.21	2.5	0.7	1.8	3.1	40	0.4	0.7	69.6
REP 642090	QC		0.007	0.024																	
642100	Drill Core	5.4	0.020	0.011	118.1	352.5	228.5	4160	3.5	15.5	20.4	1579	4.57	5580	0.8	231.1	2.2	173	102.9	7.7	56.5
REP 642100	QC																				
642124	Drill Core	6.9	0.016	0.032	125.8	300.6	8.8	85	0.3	20.2	31.0	479	5.85	<0.5	0.7	2.8	2.0	39	0.4	0.2	7.0
REP 642124	QC		0.016	0.035																	
642144	Drill Core	6.8	0.026	0.086	300.7	68.2	19.2	339	0.4	25.4	6.9	662	1.51	3.7	3.5	11.6	4.0	78	6.6	0.8	16.4
REP 642144	QC																				
642145	Drill Core	6.4	0.026	0.137	201.7	63.9	16.6	170	0.3	20.4	7.0	556	1.44	0.7	2.1	12.3	3.6	72	2.8	0.2	9.9
REP 642145	QC				205.2	65.2	17.0	173	0.3	20.4	6.8	554	1.46	0.7	2.1	9.2	3.6	71	2.6	0.3	9.6
642152	Drill Core	7.2	0.016	0.020	144.4	108.6	2.6	32	0.1	212.6	29.2	196	1.93	4.5	0.2	1.1	0.4	87	0.2	<0.1	2.3
REP 642152	QC																				
642162	Drill Core	3.4	0.005	<0.005	61.7	53.9	9.4	161	0.3	34.2	5.1	426	0.84	2.3	4.3	4.3	4.3	74	3.4	0.2	11.1
REP 642162	QC		0.006	<0.005																	
642166	Drill Core	3.3	0.006	0.009	87.9	91.4	8.7	78	0.2	24.5	7.2	190	1.23	0.7	1.9	2.7	5.1	43	1.5	<0.1	3.8
REP 642166	QC				87.8	90.9	8.8	80	0.2	24.6	7.1	190	1.23	0.7	1.9	2.5	4.9	44	1.5	<0.1	3.2
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
Reference Materials																					

QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Fluorine F %
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01
640271	Drill Core	55	4.02	0.182	16	35	0.47	73	0.101	<20	1.25	0.059	0.06	>100	0.04	2.1	<0.1	0.50	5	4.8	0.74
REP 640271	QC	55	4.11	0.181	16	35	0.47	74	0.104	<20	1.27	0.061	0.06	>100	0.07	2.2	<0.1	0.49	5	4.0	
642085	Rock Pulp	28	1.18	0.075	18	20	0.47	130	0.019	<20	0.71	0.041	0.30	0.4	<0.01	3.0	0.2	0.29	3	0.5	0.11
REP 642085	QC	27	1.23	0.078	18	19	0.48	135	0.019	<20	0.71	0.040	0.30	0.5	<0.01	3.1	0.2	0.29	3	0.6	
642090	Drill Core	70	1.55	0.106	10	78	1.13	38	0.124	<20	1.18	0.056	0.21	>100	<0.01	4.4	0.7	1.26	5	8.8	0.44
REP 642090	QC																				
642100	Drill Core	101	5.60	0.103	8	46	1.63	29	0.042	<20	2.96	0.020	0.13	43.3	0.04	8.2	0.7	1.31	9	13.9	0.14
REP 642100	QC																				0.14
642124	Drill Core	110	1.48	0.259	7	17	1.13	89	0.236	<20	1.20	0.114	0.54	>100	0.06	5.6	1.4	2.55	5	13.5	0.39
REP 642124	QC																				
642144	Drill Core	65	5.54	0.138	14	50	0.55	26	0.116	<20	1.37	0.074	0.03	>100	0.13	2.4	<0.1	0.41	4	5.1	0.87
REP 642144	QC																				0.78
642145	Drill Core	42	3.73	0.118	14	25	0.61	55	0.124	<20	1.20	0.080	0.10	>100	0.15	2.6	0.2	0.46	4	4.8	0.63
REP 642145	QC	42	3.70	0.117	14	26	0.61	54	0.123	<20	1.19	0.076	0.10	>100	0.13	2.5	0.2	0.46	4	4.7	
642152	Drill Core	19	1.47	0.095	3	135	0.94	27	0.084	<20	1.37	0.163	0.10	>100	0.03	1.7	0.3	0.96	4	11.5	0.63
REP 642152	QC																				0.67
642162	Drill Core	49	3.83	0.128	16	31	0.28	48	0.120	<20	0.82	0.054	0.05	65.8	0.01	1.5	<0.1	0.22	3	3.6	0.44
REP 642162	QC																				
642166	Drill Core	37	1.55	0.120	14	20	0.20	80	0.136	<20	0.57	0.063	0.08	67.6	<0.01	0.9	0.1	0.64	3	6.1	0.21
REP 642166	QC	36	1.53	0.120	15	20	0.20	80	0.138	<20	0.54	0.062	0.08	74.0	<0.01	0.9	0.1	0.64	2	6.3	
LIBF200	Standard																				0.14
LIBF200	Standard																				0.14
LIBF200	Standard																				0.14
LIBF200	Standard																				0.13
LIBF200	Standard																				0.13
LIBF200	Standard																				0.11
LIBF200	Standard																				0.13
LIBF200	Standard																				0.12
Reference Materials																					

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Project: Northern Dancer

Report Date: February 29, 2008

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QUALITY CONTROL REPORT

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		WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
STD C3	Standard																				
STD C3	Standard																				
STD DS7	Standard				20.0	110.4	78.0	410	0.8	54.5	9.4	602	2.45	54.2	5.5	60.3	5.0	82	6.6	5.8	5.4
STD DS7	Standard				18.8	101.3	71.1	377	0.8	51.5	8.4	565	2.20	46.4	5.3	65.5	4.8	72	6.0	6.1	5.1
STD DS7	Standard				18.6	100.3	62.1	374	0.7	50.0	8.6	560	2.17	47.0	4.2	57.2	4.1	62	5.7	4.8	4.1
STD DS7	Standard				19.2	97.7	65.9	375	0.8	50.7	8.6	569	2.18	49.5	4.6	60.4	4.3	62	6.1	4.8	4.2
STD DS7	Standard				19.7	97.2	57.1	367	0.8	53.7	8.8	565	2.20	45.2	3.9	57.8	3.4	64	5.9	4.8	3.9
STD DS7	Standard				19.5	96.1	54.2	363	0.7	53.5	8.7	552	2.17	42.2	3.8	48.9	3.3	62	5.5	4.4	3.6
STD DS7	Standard				17.6	98.4	62.7	376	0.8	53.4	8.8	585	2.24	46.5	4.6	67.5	3.9	62	6.0	4.7	4.1
STD DS7	Standard				19.4	100.2	67.6	388	0.8	51.7	9.6	609	2.36	50.9	4.5	54.0	4.3	72	5.9	4.9	4.7
STD DS7	Standard				20.3	97.4	60.3	373	2.4	57.1	9.5	574	2.23	40.5	4.4	46.9	4.0	64	5.6	4.7	3.8
STD DS7	Standard				20.8	102.5	60.0	388	0.8	57.8	10.0	609	2.33	45.5	4.3	55.5	4.1	71	6.2	4.4	4.0
STD DS7	Standard				20.3	98.7	61.9	368	0.8	55.1	9.3	572	2.20	43.7	4.0	55.0	3.7	60	6.0	4.0	4.6
STD DS7	Standard				20.8	102.3	63.3	380	0.8	57.6	9.4	579	2.25	48.4	3.9	91.8	3.7	64	6.1	4.3	4.2
STD DS7	Standard				21.2	97.6	64.4	376	0.8	51.8	8.8	621	2.37	50.9	4.9	202.5	4.3	74	6.0	4.8	4.4
STD DS7	Standard				20.0	105.4	64.8	381	0.8	52.0	9.4	659	2.36	50.4	4.8	48.9	4.6	73	5.9	4.9	4.4
STD DS7	Standard				20.2	99.3	65.5	387	0.9	51.7	8.4	571	2.26	45.3	4.2	71.0	3.9	66	6.3	4.7	4.4
STD DS7	Standard				18.5	97.5	64.4	389	0.8	51.4	8.4	573	2.23	48.0	4.3	46.6	3.9	66	6.2	4.9	4.5
STD KP-1	Standard		0.226	0.764																	
STD KP-1	Standard		0.234	0.715																	
STD KP-1	Standard		0.192	0.729																	
STD KP-1	Standard		0.209	0.753																	
STD KP-1	Standard		0.224	0.722																	
STD KP-1	Standard		0.224	0.722																	
STD KP-1	Standard		0.223	0.772																	
STD KP-1	Standard		0.220	0.741																	
STD KP-1	Standard		0.220	0.757																	
STD KP-1	Standard		0.223	0.752																	
STD KP-1	Standard		0.225	0.767																	

Client: Largo Resources Ltd.

65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: February 29, 2008

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QUALITY CONTROL REPORT

SMI07000177.3

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Fluorine F %	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	
STD C3	Standard																				0.04	
STD C3	Standard																					0.05
STD DS7	Standard	85	0.98	0.083	13	189	1.04	400	0.121	43	1.02	0.094	0.46	3.2	0.20	2.4	4.1	0.20	4	3.5		
STD DS7	Standard	79	0.89	0.077	11	170	0.97	365	0.111	35	0.93	0.086	0.42	3.1	0.19	2.1	3.8	0.18	4	2.9		
STD DS7	Standard	81	0.88	0.071	10	172	0.99	354	0.097	41	0.93	0.082	0.41	3.5	0.19	2.1	3.8	0.19	4	3.8		
STD DS7	Standard	80	0.89	0.072	10	178	1.00	362	0.098	36	0.94	0.080	0.41	3.3	0.21	2.0	4.1	0.19	4	3.9		
STD DS7	Standard	75	0.85	0.071	10	179	0.97	323	0.099	26	0.89	0.083	0.39	5.0	0.18	2.0	3.8	0.19	5	3.9		
STD DS7	Standard	81	0.83	0.071	10	188	0.93	329	0.099	33	0.87	0.079	0.38	3.6	0.17	1.9	3.7	0.18	5	3.8		
STD DS7	Standard	78	0.87	0.077	10	178	0.99	353	0.104	36	0.92	0.082	0.41	3.6	0.18	1.9	3.9	0.18	4	3.5		
STD DS7	Standard	78	0.93	0.075	12	185	1.03	372	0.115	41	1.00	0.091	0.43	3.3	0.21	2.0	4.1	0.18	5	3.2		
STD DS7	Standard	82	0.91	0.069	11	197	0.99	336	0.112	33	0.96	0.082	0.38	4.3	0.18	2.2	3.8	0.19	5	3.0		
STD DS7	Standard	86	0.94	0.073	12	204	1.04	371	0.114	40	1.00	0.088	0.41	3.4	0.17	2.1	4.1	0.19	5	3.4		
STD DS7	Standard	84	0.85	0.066	10	193	0.96	346	0.101	33	0.88	0.075	0.38	3.4	0.19	2.2	4.3	0.18	4	4.1		
STD DS7	Standard	87	0.90	0.069	12	202	0.97	359	0.108	31	0.94	0.079	0.38	3.9	0.21	2.3	3.9	0.19	4	3.5		
STD DS7	Standard	85	0.94	0.074	12	182	1.02	393	0.116	32	1.01	0.092	0.49	3.6	0.20	2.4	4.0	0.19	5	3.5		
STD DS7	Standard	85	0.95	0.074	12	185	1.05	400	0.117	35	1.02	0.095	0.46	4.1	0.20	2.4	4.1	0.19	5	4.1		
STD DS7	Standard	76	0.89	0.071	11	178	0.98	365	0.100	31	0.93	0.081	0.42	3.4	0.20	2.1	3.9	0.18	4	3.7		
STD DS7	Standard	71	0.89	0.072	10	165	0.96	365	0.097	30	0.91	0.075	0.41	3.3	0.18	2.1	4.1	0.18	4	4.2		
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
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Client: Largo Resources Ltd.

65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: February 29, 2008

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Page: 4 of 5 **Part** 1

QUALITY CONTROL REPORT

SMI07000177.3

		WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
STD KP-1	Standard		0.225	0.753																	
STD KP-1	Standard		0.217	0.727																	
STD KP-1	Standard		0.216	0.755																	
STD KP-1	Standard		0.230	0.744																	
STD KP-1	Standard		0.227	0.744																	
STD KP-1	Standard		0.223	0.753																	
STD KP-1	Standard		0.221	0.754																	
STD KP-1 Expected			0.22	0.74																	
STD DS7 Expected					20.92	109	70.6	411	0.89	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51
C3 Expected																					
LIBF200 Expected																					
STD C3 Expected																					
BLK	Blank		<0.001	<0.005																	
BLK	Blank		<0.001	<0.005																	
BLK	Blank		<0.001	<0.005																	
BLK	Blank		<0.001	<0.005																	
BLK	Blank		<0.001	<0.005																	
BLK	Blank		<0.001	<0.005																	
BLK	Blank		<0.001	<0.005																	
BLK	Blank		<0.001	<0.005																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	0.6	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1

QUALITY CONTROL REPORT

SMI07000177.3

		WGHT	7KP	7KP	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Wgt	Mo	W	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	<0.01	<0.001	<0.005	2.7	26.0	3.3	41	<0.1	408.6	31.8	668	3.00	0.8	1.7	0.8	3.2	46	<0.1	0.3	2.7	

QUALITY CONTROL REPORT

SMI07000177.3

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Fluorine F %
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01
BLK	Blank																				<0.01
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
BLK	Blank																				<0.01
BLK	Blank																				<0.01
BLK	Blank																				<0.01
BLK	Blank																				<0.01
BLK	Blank																				<0.01
BLK	Blank																				<0.01
Prep Wash																					
G1	Prep Blank	29	0.41	0.061	5	165	5.44	174	0.097	<20	0.75	0.042	0.42	4.7	<0.01	2.0	0.3	0.08	4	<0.5	0.04



ACME ANALYTICAL LABORATORIES LTD.
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Client:

Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 15, 2007

Report Date:

December 05, 2007

Page:

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CERTIFICATE OF ANALYSIS

SMI07000204.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND18
P.O. Number: ACME FILE: A718399
Number of Samples: 280

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

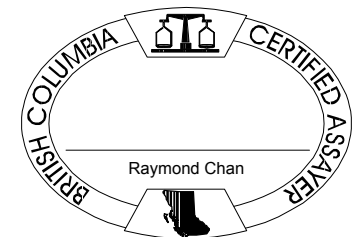
Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	272	Split and Crush to 70% passing 10 mesh		
7KP	280	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: December 05, 2007

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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
642178	Drill Core	6.1	0.010 0.005
642179	Drill Core	6.5	0.004 0.003
642180	Drill Core	6.3	0.005 0.002
642181	Drill Core	3	0.002 0.009
642182	Drill Core	2.6	0.003 0.012
RRE 642182	Drill Core		0.003 0.011
642183	Drill Core	0.5	<0.001 0.001
642184	Rock Pulp	0.1	0.001 1.028
642185	Drill Core	6.5	0.007 0.022
642186	Drill Core	3.1	0.004 0.022
642187	Drill Core	4.4	0.004 0.009
642188	Drill Core	7.4	0.004 0.004
642189	Drill Core	6.4	0.007 0.036
642190	Drill Core	5.5	0.021 0.040
642191	Drill Core	3.4	0.041 0.051
642192	Drill Core	6.4	0.011 0.007
642193	Drill Core	6.4	0.005 0.006
642194	Drill Core	4.5	0.004 0.003
642195	Drill Core	6.4	0.006 0.011
642196	Drill Core	6.7	0.004 0.006
642197	Drill Core	6.5	0.005 0.010
642201	Drill Core	4.2	0.006 0.005
642202	Drill Core	4.9	0.007 0.011
642203	Drill Core	3.7	0.023 0.029
642204	Drill Core	6.6	0.004 0.007
642205	Drill Core	5.9	0.021 0.023
642206	Drill Core	8.2	0.007 0.005
642207	Drill Core	4.1	0.010 0.006
642208	Drill Core	5.3	0.012 0.006
642209	Drill Core	2.2	0.029 0.008



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Project: Northern Dancer

Report Date: December 05, 2007

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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
642210	Drill Core	3.8	0.018 0.015
642211	Drill Core	7.3	0.019 0.040
642212	Drill Core	6.8	0.008 0.010
642213	Drill Core	6.7	0.010 0.511
642214	Drill Core	7.5	0.010 0.010
642215	Drill Core	6.8	0.016 0.020
642216	Drill Core	7	0.008 0.013
642217	Drill Core	6.5	0.004 0.006
642218	Drill Core	7.2	0.004 0.007
642219	Drill Core	2.7	0.004 0.047
642220	Drill Core	7.1	0.018 0.015
642221	Drill Core	4.4	0.006 0.029
642222	Drill Core	5.9	0.015 0.007
642223	Drill Core	6.9	0.003 0.056
642224	Drill Core	3	0.007 0.015
642225	Drill Core	3.4	0.004 0.009
642226	Drill Core	0.5	<0.001 <0.001
642227	Rock Pulp	0.1	0.067 <0.001
642228	Drill Core	6.7	0.007 0.025
642229	Drill Core	7	0.006 0.009
642230	Drill Core	3.7	0.014 0.008
642231	Drill Core	4.4	0.015 0.034
642232	Drill Core	4.9	0.005 0.015
642233	Drill Core	3.8	0.010 0.019
642234	Drill Core	6.6	0.006 0.005
RRE 642234	Drill Core		0.004 0.004
642235	Drill Core	7.1	0.007 0.001
642236	Drill Core	7	0.005 0.002
642237	Drill Core	4.1	0.008 0.004
642238	Drill Core	6.3	0.005 0.009



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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
642239	Drill Core	3.2	0.004 0.010
642240	Drill Core	5.3	0.004 0.017
642241	Drill Core	6.9	0.021 0.027
642242	Drill Core	4.2	0.006 0.034
642243	Drill Core	4.3	0.003 0.016
642244	Drill Core	5.4	0.003 0.012
642245	Drill Core	6.4	0.021 0.002
642246	Drill Core	4.6	0.006 0.007
642247	Drill Core	4.8	0.003 0.003
642248	Drill Core	5.2	0.009 0.074
642249	Drill Core	2.5	0.004 0.004
642250	Drill Core	7.4	0.003 0.023
642251	Drill Core	7.4	0.003 0.043
642252	Drill Core	7	0.007 0.027
642253	Drill Core	3.5	0.001 0.024
642254	Drill Core	6.6	0.027 0.093
642255	Drill Core	3.5	0.004 0.003
642256	Drill Core	4.3	0.027 0.011
642257	Drill Core	2.4	0.033 0.309
642258	Drill Core	2.4	0.029 0.162
642259	Drill Core	0.5	<0.001 <0.001
642260	Rock Pulp	0.1	<0.001 1.007
642261	Drill Core	7.2	0.019 0.058
642262	Drill Core	6.3	0.004 0.017
642263	Drill Core	4.7	0.016 0.041
642264	Drill Core	7.2	0.014 0.051
642265	Drill Core	7	0.006 0.003
642266	Drill Core	4.2	0.004 0.013
RRE 642266	Drill Core		0.004 0.017
642267	Drill Core	4.6	0.004 0.012



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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
642268	Drill Core	5.5	0.005 0.009
642269	Drill Core	5.8	0.004 0.012
642270	Drill Core	6.4	0.008 0.038
642271	Drill Core	5.4	0.164 1.086
642272	Drill Core	2.3	0.010 0.006
642273	Drill Core	2.7	0.089 0.598
642274	Drill Core	6.4	0.011 0.026
642275	Drill Core	5.7	0.010 0.037
642276	Drill Core	5	0.002 0.002
640281	Drill Core	7	0.015 0.038
640282	Drill Core	6.8	0.024 0.066
640283	Drill Core	8.3	0.011 0.104
640284	Drill Core	4.4	0.006 0.061
640285	Drill Core	5.5	0.007 0.034
640286	Drill Core	6.3	0.034 0.054
640287	Drill Core	6.5	0.011 0.152
640288	Drill Core	6.1	0.009 0.034
640289	Drill Core	3.9	0.017 0.082
640290	Drill Core	7.1	0.010 0.050
640291	Drill Core	7.3	0.017 0.170
640292	Drill Core	6.5	0.012 0.050
640293	Drill Core	3.1	0.032 0.024
640294	Drill Core	2.6	0.032 0.026
640295	Drill Core	0.4	<0.001 <0.001
640296	Rock Pulp	0.1	0.071 <0.001
640297	Drill Core	7.3	0.014 0.046
640298	Drill Core	6.9	0.007 0.030
640299	Drill Core	7.2	0.008 0.048
RRE 640299	Drill Core		0.007 0.047
640300	Drill Core	9.5	0.010 0.043



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 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Largo-Farshid Resources**

65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: December 05, 2007

Page: 6 of 11 Part 1

CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
640301	Drill Core	4.4	0.023 0.220
640302	Drill Core	6.8	0.009 0.086
640303	Drill Core	5.1	0.007 0.013
640304	Drill Core	6.4	0.133 0.567
640305	Drill Core	6.8	0.014 0.023
640306	Drill Core	5.7	0.016 0.052
640307	Drill Core	6.6	0.005 0.022
640308	Drill Core	6.7	0.016 0.135
640309	Drill Core	7.7	0.026 0.047
640310	Drill Core	9.8	0.007 0.003
640311	Drill Core	6.6	0.122 0.116
640312	Drill Core	7	0.024 0.095
640313	Drill Core	7.3	0.004 0.110
640314	Drill Core	7.6	0.015 0.071
640315	Drill Core	7.3	0.015 0.210
640316	Drill Core	6.7	0.017 0.045
640317	Drill Core	4.8	0.008 0.066
640318	Drill Core	6.4	0.006 0.024
640319	Drill Core	9.2	0.012 0.054
640320	Drill Core	2.3	0.009 0.069
640321	Drill Core	6.4	0.173 0.249
640322	Drill Core	7.1	0.016 0.020
640323	Drill Core	9.1	0.011 0.021
640324	Drill Core	3.9	0.009 0.044
640325	Drill Core	4.2	0.799 1.366
640326	Drill Core	3.4	0.209 0.275
640327	Drill Core	3.2	0.283 0.470
640328	Rock Pulp	0.1	<0.001 1.083
640329	Drill Core	0.5	<0.001 0.004
640330	Drill Core	6.8	0.036 0.026



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Report Date: December 05, 2007

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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
640331	Drill Core	6.6	0.014 0.060
640332	Drill Core	7.8	0.025 0.263
640333	Drill Core	6	0.081 0.258
640334	Drill Core	7.8	0.030 0.111
RRE 640334	Drill Core		0.043 0.111
640335	Drill Core	2.3	0.014 0.068
640336	Drill Core	7	0.020 0.038
640337	Drill Core	7.7	0.023 0.117
640338	Drill Core	7.9	0.017 0.021
640339	Drill Core	4.5	0.017 0.008
640340	Drill Core	5.7	0.014 0.025
640341	Drill Core	7.9	0.046 0.030
640342	Drill Core	6.8	0.008 0.032
640343	Drill Core	7.3	0.027 0.115
640344	Drill Core	6.5	0.011 0.023
640345	Drill Core	7.1	0.023 0.015
640346	Drill Core	7.9	0.015 0.038
640347	Drill Core	6.9	0.032 0.016
640348	Drill Core	6.2	0.023 0.087
640349	Drill Core	7.2	0.025 0.092
640350	Drill Core	8.3	0.011 0.066
640351	Drill Core	9.4	0.013 0.038
640352	Drill Core	8.1	0.048 0.115
640353	Drill Core	4.4	0.194 0.865
640354	Drill Core	7.4	0.029 0.140
640355	Drill Core	8.8	0.014 0.043
640356	Drill Core	7.2	0.007 0.026
640357	Drill Core	4.4	0.023 0.061
640358	Drill Core	5.2	0.011 0.043
640359	Drill Core	3.5	0.022 0.051

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
640360	Drill Core	3.2	0.033 0.091
640361	Rock Pulp	0.1	0.068 <0.001
640362	Drill Core	0.3	<0.001 <0.001
640363	Drill Core	3	0.003 0.049
640364	Drill Core	3.4	0.029 0.024
640365	Drill Core	6.6	0.029 0.029
RRE 640365	Drill Core		0.031 0.028
640366	Drill Core	9.6	0.013 0.213
640367	Drill Core	6.5	0.017 0.073
640368	Drill Core	5	0.016 0.295
640369	Drill Core	7.9	0.028 0.142
640370	Drill Core	6.4	0.011 0.034
640371	Drill Core	6.4	0.036 0.041
640372	Drill Core	4.7	0.023 0.067
640373	Drill Core	6.6	0.014 0.258
640374	Drill Core	5.8	0.040 0.052
640375	Drill Core	6.8	0.017 0.027
640376	Drill Core	7.3	0.029 0.135
640377	Drill Core	8.8	0.009 0.022
640378	Drill Core	8	0.036 0.084
640379	Drill Core	10.2	0.007 0.039
640380	Drill Core	5.9	0.009 0.022
640381	Drill Core	5.6	0.006 0.142
640382	Drill Core	7	0.008 0.030
640383	Drill Core	9.8	0.014 0.033
640384	Drill Core	7.1	0.015 0.123
640385	Drill Core	6.7	0.075 0.069
640386	Drill Core	7.6	0.016 0.066
640387	Drill Core	6.2	0.022 0.024
640388	Drill Core	6.3	0.043 0.023



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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
640389	Drill Core	8	0.016 0.018
640390	Drill Core	7.3	0.009 0.137
640391	Drill Core	6.6	0.036 0.079
640392	Drill Core	3.3	0.010 0.076
640393	Drill Core	3	0.010 0.091
640394	Rock Pulp	0.1	<0.001 1.010
640395	Drill Core	0.5	<0.001 0.001
640396	Drill Core	6.8	0.271 0.235
640397	Drill Core	7.1	0.077 0.346
640398	Drill Core	7.2	0.008 0.029
640399	Drill Core	6.3	0.009 0.030
640400	Drill Core	7.3	0.014 0.013
640401	Drill Core	6	0.008 0.003
640402	Drill Core	7.5	0.019 0.009
640403	Drill Core	7	0.026 0.025
640404	Drill Core	6.9	0.021 0.037
640405	Drill Core	7.4	0.058 0.121
640406	Drill Core	6.2	0.016 0.069
640407	Drill Core	5	0.037 0.106
640408	Drill Core	7.3	0.013 0.058
640409	Drill Core	6.4	0.015 0.068
640410	Drill Core	7.5	0.017 0.044
640411	Drill Core	8	0.073 0.357
640412	Drill Core	6	0.020 0.150
RRE 640412	Drill Core		0.023 0.163
640413	Drill Core	7	0.014 0.075
640414	Drill Core	6.3	0.018 0.140
640415	Drill Core	8	0.018 0.178
640416	Drill Core	7.4	0.029 0.167
640417	Drill Core	9.7	0.021 0.108



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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
640418	Drill Core	4.3	0.031 0.066
640419	Drill Core	6.1	0.017 0.029
640420	Drill Core	3.5	0.032 0.027
640421	Drill Core	7.7	0.021 0.310
640422	Drill Core	6.6	0.061 0.301
640423	Drill Core	7	0.035 0.149
640424	Drill Core	7	0.031 0.295
640425	Drill Core	3.4	0.031 0.134
640426	Drill Core	3.2	0.027 0.171
640427	Rock Pulp	0.1	0.069 0.002
640428	Drill Core	0.4	<0.001 0.002
640429	Drill Core	7.5	0.017 0.071
640430	Drill Core	6.5	0.044 0.129
RRE 640430	Drill Core		0.040 0.110
640431	Drill Core	6.9	0.021 0.124
640432	Drill Core	7.3	0.016 0.286
640433	Drill Core	7.1	0.008 0.102
640434	Drill Core	7.5	0.050 0.129
640435	Drill Core	7.4	0.053 0.166
640436	Drill Core	7.7	0.039 0.084
640437	Drill Core	6.9	0.034 0.103
640438	Drill Core	7.9	0.018 0.050
640439	Drill Core	6.8	0.030 0.078
640440	Drill Core	7.5	0.021 0.250
640441	Drill Core	10.9	0.027 0.108
640442	Drill Core	8.8	0.028 0.011
640443	Drill Core	6.1	0.027 0.055
640444	Drill Core	6.7	0.029 0.072
640445	Drill Core	6.9	0.020 0.026
640446	Drill Core	6.9	0.046 0.095



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Project:

Northern Dancer

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December 05, 2007

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CERTIFICATE OF ANALYSIS

SMI07000204.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.001	
640447	Drill Core	6.2	0.014	0.020
640448	Drill Core	7.2	0.028	0.055
640449	Drill Core	6	0.035	0.052
640450	Drill Core	4.7	0.008	0.002
640451	Drill Core	6.3	0.011	0.008
640452	Drill Core	6.8	0.025	0.005
640453	Drill Core	10.7	0.012	0.003
640454	Drill Core	1.6	0.002	0.006
640455	Drill Core	6.6	0.013	0.009
640456	Drill Core	7.6	0.013	0.011



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Project: Northern Dancer

Report Date: December 05, 2007

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QUALITY CONTROL REPORT

SMI07000204.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.001
Pulp Duplicates			
642214	Drill Core	7.5	0.010 0.010
REP 642214	QC		0.011 0.011
642236	Drill Core	7	0.005 0.002
REP 642236	QC		0.005 0.002
642274	Drill Core	6.4	0.011 0.026
REP 642274	QC		0.011 0.025
640319	Drill Core	9.2	0.012 0.054
REP 640319	QC		0.012 0.054
640357	Drill Core	4.4	0.023 0.061
REP 640357	QC		0.023 0.062
640370	Drill Core	6.4	0.011 0.034
REP 640370	QC		0.012 0.036
640427	Rock Pulp	0.1	0.069 0.002
REP 640427	QC		0.069 0.002
640455	Drill Core	6.6	0.013 0.009
REP 640455	QC		0.013 0.009
Reference Materials			
STD KP-1	Standard		0.216 0.724
STD KP-1	Standard		0.218 0.728
STD KP-1	Standard		0.224 0.740
STD KP-1	Standard		0.225 0.762
STD KP-1	Standard		0.221 0.726
STD KP-1	Standard		0.219 0.723
STD KP-1	Standard		0.225 0.707
STD KP-1	Standard		0.225 0.708
STD KP-1	Standard		0.201 0.723
STD KP-1	Standard		0.214 0.740
STD KP-1	Standard		0.222 0.710



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Project: Northern Dancer

Report Date: December 05, 2007

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QUALITY CONTROL REPORT

SMI07000204.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.001
STD KP-1	Standard		0.220	0.702
STD KP-1	Standard		0.227	0.749
STD KP-1	Standard		0.226	0.764
STD KP-1	Standard		0.218	0.755
STD KP-1	Standard		0.224	0.756
STD KP-1	Standard		0.226	0.736
STD KP-1	Standard		0.225	0.760
STD KP-1	Standard		0.222	0.726
STD KP-1	Standard		0.223	0.726
STD KP-1 Expected			0.22	0.74
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
BLK	Blank		<0.001	<0.001
Prep Wash				
G1	Prep Blank		<0.01	<0.001



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Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 17, 2007

Report Date:

November 08, 2007

Page:

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CERTIFICATE OF ANALYSIS

SMI07000213.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND20-07ND23
P.O. Number: ACME FILE: A718419
Number of Samples: 324

SAMPLE DISPOSAL

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

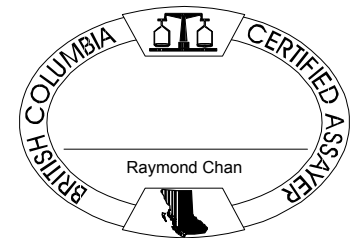
Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	324	Crush, split and pulverize drill core to 150 mesh		
7KP	324	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Project: Northern Dancer

Report Date: November 08, 2007

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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642277	Drill Core	4.5	0.004 <0.005
642278	Drill Core	3.4	0.145 0.418
642279	Drill Core	6.6	0.003 0.010
642280	Drill Core	6.8	0.003 <0.005
642281	Drill Core	4.7	0.003 0.017
642282	Drill Core	3.9	0.029 0.019
642283	Drill Core	6	0.026 0.013
642284	Drill Core	3.9	0.014 0.013
642285	Drill Core	4	0.021 0.045
642286	Drill Core	5.3	0.005 0.009
642287	Drill Core	3.8	0.047 0.071
642288	Drill Core	5.4	0.018 0.007
642289	Drill Core	6.6	0.028 <0.005
RRE 642289	Drill Core		0.044 <0.005
642290	Drill Core	5.6	0.011 0.011
642291	Drill Core	6.6	0.011 0.020
642292	Drill Core	2.1	0.140 0.022
642293	Drill Core	2	0.181 0.046
642294	Drill Core	0.5	<0.001 <0.005
642295	Drill Core		0.063 <0.005
642296	Drill Core	3.4	0.022 0.035
642297	Drill Core	5.1	0.005 0.017
640061	Drill Core	3.9	0.001 0.005
640062	Drill Core	5.1	0.001 0.011
640063	Drill Core	2.7	0.003 0.021
640064	Drill Core	2.5	0.002 0.024
640065	Drill Core	0.5	<0.001 <0.005
640066	Drill Core		0.001 1.084
640067	Drill Core	4.5	<0.001 0.014
640068	Drill Core	4.5	<0.001 0.013



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640069	Drill Core	5.1	0.006 0.022
640070	Drill Core	4.7	0.001 0.011
640071	Drill Core	4.4	0.001 0.021
640072	Drill Core	5.2	0.003 0.009
640073	Drill Core	5.3	0.002 0.011
640074	Drill Core	4.5	0.001 0.014
640075	Drill Core	5.3	<0.001 0.015
640076	Drill Core	4.9	0.004 0.011
640077	Drill Core	4.9	0.002 0.006
640078	Drill Core	4.9	0.002 0.011
640079	Drill Core	4.6	<0.001 <0.005
640080	Drill Core	5.1	<0.001 0.023
640081	Drill Core	7.3	0.003 0.021
640082	Drill Core	4.3	0.001 0.005
640083	Drill Core	4.4	0.003 0.007
640084	Drill Core	4.9	<0.001 0.007
640085	Drill Core	4.9	0.003 0.041
640086	Drill Core	5.6	0.014 0.039
640087	Drill Core	4.4	0.006 0.029
640088	Drill Core	4.6	0.003 0.061
RRE 640088	Drill Core		0.003 0.022
640089	Drill Core	4.8	0.003 0.072
640090	Drill Core	5.1	0.025 0.023
640091	Drill Core	5.1	<0.001 0.039
640092	Drill Core	0.9	0.003 0.012
640093	Drill Core	6.1	0.006 0.035
640094	Drill Core	1.6	0.002 0.010
640095	Drill Core	3.1	0.004 0.009
640096	Drill Core	2.4	0.003 0.033
640097	Drill Core	2.3	0.003 0.031



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640098	Drill Core	0.068	<0.005
640099	Drill Core	0.5	<0.001 <0.005
640100	Drill Core	5.3	0.001 0.047
640101	Drill Core	4.6	0.006 0.036
640102	Drill Core	4.9	0.014 0.079
640103	Drill Core	5.2	0.003 0.062
640104	Drill Core	4.8	0.021 0.230
640105	Drill Core	4.6	0.012 0.038
640106	Drill Core	4.8	0.008 0.055
640107	Drill Core	4.8	0.011 0.060
640108	Drill Core	5.6	0.019 0.203
640109	Drill Core	4.8	0.005 0.047
640110	Drill Core	4.7	0.007 0.083
640111	Drill Core	5	0.019 0.185
640112	Drill Core	4.4	0.015 0.071
640113	Drill Core	3.8	0.011 0.152
640114	Drill Core	5.1	0.010 0.151
640115	Drill Core	6.5	0.102 0.121
640116	Drill Core	5	0.012 0.123
640117	Drill Core	4.5	0.006 0.145
640118	Drill Core	4.8	0.015 0.030
640119	Drill Core	4.8	0.008 0.033
640120	Drill Core	2.7	0.005 0.013
640121	Drill Core	4.9	0.049 0.178
RRE 640121	Drill Core	0.068	0.165
640122	Drill Core	5	0.008 0.051
640123	Drill Core	4.3	0.009 0.068
640124	Drill Core	5.3	0.008 0.025
640125	Drill Core	4.7	0.007 0.072
640126	Drill Core	5.5	0.060 0.258



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Project: Northern Dancer

Report Date: November 08, 2007

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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
640127	Drill Core	4.6	0.004	0.022
640128	Drill Core	5.2	0.007	0.041
640129	Drill Core	2.2	0.007	0.064
640130	Drill Core	2.4	0.007	0.040
640131	Drill Core	0.5	<0.001	<0.005
640132	Drill Core		0.001	1.080
640133	Drill Core	5	0.009	0.078
640134	Drill Core	5.5	0.012	0.079
640135	Drill Core	5.3	0.004	0.041
640136	Drill Core	5.5	0.028	0.148
640137	Drill Core	7.8	0.006	0.020
640138	Drill Core	5	0.005	0.023
640139	Drill Core	5.9	0.005	0.016
640140	Drill Core	5.3	0.005	0.027
640141	Drill Core	5.3	0.013	0.037
640142	Drill Core	5	0.005	<0.005
640143	Drill Core	5.1	0.004	0.031
RRE 640143	Drill Core		0.005	0.024
640144	Drill Core	5.5	0.011	0.065
640145	Drill Core	4	0.009	0.019
640146	Drill Core	4.3	0.030	0.027
640147	Drill Core	4.5	0.004	0.032
640148	Drill Core	4.4	0.006	0.007
640149	Drill Core	4.6	0.022	0.043
640150	Drill Core	4.4	0.009	0.010
640151	Drill Core	5.3	0.008	0.012
640152	Drill Core	4.9	0.004	<0.005
640153	Drill Core	4.9	0.004	0.018
640154	Drill Core	4.8	0.005	0.007
640155	Drill Core	5.3	0.014	0.016



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640156	Drill Core	5	0.013 0.069
640157	Drill Core	4.7	0.008 0.012
640158	Drill Core	4.9	0.010 0.043
640159	Drill Core	6	0.046 0.084
640160	Drill Core	5.3	0.013 0.031
640161	Drill Core	2.1	0.002 0.011
640162	Drill Core	2.4	0.002 0.018
640163	Drill Core	0.6	<0.001 <0.005
640164	Drill Core		0.070 <0.005
640165	Drill Core	5.1	0.012 0.060
640166	Drill Core	6	0.017 0.013
640167	Drill Core	4.8	0.006 0.017
640168	Drill Core	6.2	0.037 0.036
640169	Drill Core	3.8	0.015 0.010
640170	Drill Core	6.6	0.021 0.032
640171	Drill Core	0.7	<0.001 <0.005
640172	Drill Core	5.4	0.022 0.059
640173	Drill Core	4.7	0.047 0.031
640174	Drill Core	5.2	0.005 0.029
640175	Drill Core	5.9	0.002 0.009
640176	Drill Core	4.1	<0.001 <0.005
640177	Drill Core	5	0.006 0.037
640178	Drill Core	4.6	0.006 0.012
640179	Drill Core	4.4	0.013 0.067
640180	Drill Core	5.3	0.003 0.008
640181	Drill Core	2.1	0.035 0.056
640182	Drill Core	4.8	0.003 0.018
640183	Drill Core	3.6	0.009 0.086
640184	Drill Core	2.2	<0.001 0.023
640185	Drill Core	1.6	0.004 0.031



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Project:

Northern Dancer

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November 08, 2007

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Part 1

CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640186	Drill Core	3.4	0.002 0.039
RRE 640186	Drill Core		0.001 0.032
640187	Drill Core	5	0.005 0.024
640188	Drill Core	4.7	0.002 0.042
640189	Drill Core	2.7	<0.001 0.010
640190	Drill Core	4.3	0.010 0.022
640191	Drill Core	5.5	0.006 0.066
640192	Drill Core	3.9	0.010 0.047
640193	Drill Core	3.4	0.003 0.047
640194	Drill Core	1.4	0.024 0.028
640195	Drill Core	1.3	0.025 0.032
640196	Drill Core	0.5	<0.001 <0.005
640197	Drill Core		<0.001 0.996
640198	Drill Core	5.2	0.002 0.015
640199	Drill Core	5.4	0.024 0.030
640200	Drill Core	5.3	0.039 0.016
640201	Drill Core	5.1	0.004 0.027
640202	Drill Core	5.1	0.017 0.012
640203	Drill Core	4.4	0.009 0.015
640204	Drill Core	6.3	0.018 0.005
640205	Drill Core	4	0.010 0.028
RRE 640205	Drill Core		0.015 0.035
640206	Drill Core	4.8	0.001 0.008
640207	Drill Core	6.2	0.001 0.009
640208	Drill Core	5	<0.001 0.008
640209	Drill Core	5.3	0.001 0.005
640210	Drill Core	4.1	0.010 0.020
640211	Drill Core	5.3	0.035 0.009
640212	Drill Core	1.4	0.014 0.024
640213	Drill Core	5.3	0.010 0.021



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
640214	Drill Core	3.1	0.016 0.081
640215	Drill Core	4.9	0.008 0.044
640216	Drill Core	5.1	0.002 0.017
640217	Drill Core	5.1	0.001 0.025
640218	Drill Core	4.6	0.006 0.094
640219	Drill Core	4.3	0.007 0.010
640220	Drill Core	5.2	0.006 0.021
640221	Drill Core	4.6	0.003 0.045
640222	Drill Core	5.1	0.001 0.037
640223	Drill Core	5.1	0.009 0.079
640224	Drill Core	4.4	0.008 0.040
640225	Drill Core	6.4	0.004 0.076
640226	Drill Core	1.5	0.017 0.043
640227	Drill Core	2.9	0.006 0.027
640228	Drill Core	3	0.004 0.041
640229	Drill Core	0.5	<0.001 <0.005
640230	Drill Core		0.068 <0.005
640231	Drill Core	4.3	0.026 0.030
640232	Drill Core	5.4	0.002 0.050
642298	Drill Core	5.2	0.005 0.033
642299	Drill Core	5.6	0.003 0.012
642300	Drill Core	4.5	0.003 0.010
642301	Drill Core	5.4	0.009 0.079
642302	Drill Core	5.9	0.012 0.075
642303	Drill Core	5.5	0.026 0.059
642304	Drill Core	4.4	0.009 0.017
642305	Drill Core	5.9	0.012 0.023
642306	Drill Core	3.3	0.005 0.016
642307	Drill Core	6.2	0.013 0.044
642308	Drill Core	6.6	0.022 0.017



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642309	Drill Core	6.4	0.024 0.022
642310	Drill Core	5.6	0.008 0.018
642311	Drill Core	4.4	0.008 0.029
642312	Drill Core	2.5	0.060 0.063
642313	Drill Core	6.1	0.006 0.061
642314	Drill Core	6.9	0.022 0.036
642315	Drill Core	6.1	0.009 0.016
RRE 642315	Drill Core		0.009 0.009
642316	Drill Core	6.5	0.009 0.012
642317	Drill Core	6.9	0.013 0.011
642318	Drill Core	5.6	0.010 0.010
641001	Drill Core	4.8	0.007 0.020
641002	Drill Core	4.9	0.006 0.044
641003	Drill Core	4.6	0.009 0.042
641004	Drill Core	2.4	0.007 0.028
641005	Drill Core	4	0.007 0.046
641006	Drill Core	4.2	0.010 0.036
641007	Drill Core	2.8	0.006 0.023
641008	Drill Core	2.7	0.013 0.020
641009	Drill Core	4	0.010 0.039
641010	Drill Core	3.7	0.003 0.060
641011	Drill Core	8.9	0.011 0.154
641012	Drill Core	5.9	0.005 0.072
641013	Drill Core	4.3	0.016 0.044
641014	Drill Core	3.2	0.010 0.009
641015	Drill Core	5	0.020 0.007
641016	Drill Core	7.3	0.021 0.118
641017	Drill Core	5.9	0.005 0.072
641018	Drill Core	5.4	0.011 0.038
641019	Drill Core	6.5	0.007 0.052

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641020	Drill Core	7.7	0.006 0.033
641021	Drill Core	6.5	0.023 0.057
641022	Drill Core	3.4	0.037 0.019
641023	Drill Core	6.4	0.008 0.077
641024	Drill Core	6.8	0.008 0.051
641025	Drill Core	11	0.015 0.036
641026	Drill Core	2.4	0.004 0.035
641027	Drill Core	4.9	0.007 0.022
641028	Drill Core	5.7	0.007 0.051
641029	Drill Core	6	0.010 0.040
641030	Drill Core	3.4	0.007 0.041
RRE 641030	Drill Core		0.006 0.035
641031	Drill Core	3.4	0.007 0.034
641032	Drill Core		0.001 1.233
641033	Drill Core	0.4	<0.001 <0.005
641034	Drill Core	3.4	0.022 0.028
641035	Drill Core	6	0.009 0.010
641036	Drill Core	7	0.008 0.015
641037	Drill Core	5.8	0.026 0.103
641038	Drill Core	7.3	0.019 0.034
641039	Drill Core	3.9	0.017 0.122
641040	Drill Core	5.4	0.008 0.017
641041	Drill Core	6.4	0.014 0.062
641042	Drill Core	5.9	0.014 0.042
641043	Drill Core	6.1	0.010 0.018
641044	Drill Core	7	0.013 0.039
641045	Drill Core	9.2	0.013 0.015
641046	Drill Core	6.5	0.008 0.032
641047	Drill Core	8.6	0.006 0.034
641048	Drill Core	8.3	0.027 0.092



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641049	Drill Core	4.3	0.010 0.007
641050	Drill Core	3.8	0.013 0.025
641051	Drill Core	6.1	0.016 0.016
641052	Drill Core	6.6	0.011 0.020
641053	Drill Core	6.3	0.007 <0.005
641054	Drill Core	6.4	0.013 <0.005
641055	Drill Core	5.5	0.010 <0.005
641056	Drill Core	9.4	0.009 0.015
641057	Drill Core	7.3	0.018 0.105
641058	Drill Core	4.4	0.005 0.013
641059	Drill Core	6.7	0.021 0.011
641060	Drill Core	6.5	0.017 0.039
RRE 641060	Drill Core		0.016 0.033
641061	Drill Core	6.3	0.009 0.011
641062	Drill Core	6.4	0.004 0.034
641063	Drill Core	3.1	0.005 0.079
641064	Drill Core	3.1	0.008 0.056
641065	Drill Core		0.061 <0.005
641066	Drill Core	0.5	<0.001 <0.005
641067	Drill Core	7.9	0.011 0.048
641068	Drill Core	5.9	0.006 0.008
641069	Drill Core	6.7	0.014 0.017
641070	Drill Core	7.4	0.010 0.022
641071	Drill Core	7.3	0.015 0.025
641072	Drill Core	4.9	0.005 0.027
641073	Drill Core	8.9	0.011 0.014
641074	Drill Core	5.1	0.010 0.021
641075	Drill Core	6.3	0.015 0.014
641076	Drill Core	6.9	0.009 0.006
641077	Drill Core	6.7	0.009 0.024



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CERTIFICATE OF ANALYSIS

SMI07000213.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
641078	Drill Core	6.3	0.008	0.040
641079	Drill Core	6.7	0.007	0.065
641080	Drill Core	7.3	0.003	0.022
641081	Drill Core	6.2	0.004	0.019
641082	Drill Core	6.8	0.005	0.022
641083	Drill Core	7	0.028	0.047
641084	Drill Core	6.2	0.007	0.008
641085	Drill Core	6.4	0.009	<0.005
641086	Drill Core	6.5	0.013	<0.005
641087	Drill Core	7.3	0.009	0.006
641088	Drill Core	4.5	0.008	0.028
641089	Drill Core	7.3	0.006	0.021
641090	Drill Core	6.6	0.004	<0.005
641091	Drill Core	9.7	0.005	0.009
RRE 641091	Drill Core		0.006	0.009
641092	Drill Core	2.1	0.011	<0.005
641093	Drill Core	4.6	0.009	0.018
641094	Drill Core	7.2	0.010	<0.005
641095	Drill Core	6.5	0.013	0.037
641096	Drill Core	1.5	0.007	0.035
641097	Drill Core	1.6	0.007	0.036
641098	Drill Core		<0.001	1.006
641099	Drill Core	0.2	<0.001	<0.005
641100	Drill Core	8.5	0.009	0.015



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Northern Dancer

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Part 1

QUALITY CONTROL REPORT

SMI07000213.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
640065	Drill Core	0.5	<0.001 <0.005
REP 640065	QC		<0.001 <0.005
640099	Drill Core	0.5	<0.001 <0.005
REP 640099	QC		<0.001 <0.005
640138	Drill Core	5	0.005 0.023
REP 640138	QC		0.005 0.022
640168	Drill Core	6.2	0.037 0.036
REP 640168	QC		0.037 0.035
640195	Drill Core	1.3	0.025 0.032
REP 640195	QC		0.025 0.033
640231	Drill Core	4.3	0.026 0.030
REP 640231	QC		0.027 0.033
641020	Drill Core	7.7	0.006 0.033
REP 641020	QC		0.007 0.032
641034	Drill Core	3.4	0.022 0.028
REP 641034	QC		0.022 0.028
RRE 641091	Drill Core		0.006 0.009
REP RRE 641091	QC		0.007 0.010
Reference Materials			
STD KP-1	Standard	0.215	0.731
STD KP-1	Standard	0.218	0.752
STD KP-1	Standard	0.200	0.722
STD KP-1	Standard	0.199	0.711
STD KP-1	Standard	0.222	0.723
STD KP-1	Standard	0.225	0.733
STD KP-1	Standard	0.218	0.709
STD KP-1	Standard	0.220	0.721
STD KP-1	Standard	0.203	0.705



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Project:

Northern Dancer

Report Date:

November 08, 2007

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Part 1

QUALITY CONTROL REPORT

SMI07000213.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
STD KP-1	Standard		0.218	0.712
STD KP-1	Standard		0.224	0.740
STD KP-1	Standard		0.225	0.762
STD KP-1	Standard		0.221	0.754
STD KP-1	Standard		0.222	0.779
STD KP-1	Standard		0.220	0.755
STD KP-1	Standard		0.223	0.804
STD KP-1	Standard		0.221	0.743
STD KP-1	Standard		0.220	0.732
STD KP-1	Standard		0.221	0.741
STD KP-1	Standard		0.219	0.735
STD KP-1 Expected			0.22	0.74
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
BLK	Blank	<0.001	<0.005	
Prep Wash				
G1	Prep Blank	<0.01	<0.001	<0.005



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Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 17, 2007

Report Date:

November 08, 2007

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CERTIFICATE OF ANALYSIS

SMI07000214.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID:
P.O. Number ACME FILE: A718418
Number of Samples: 25

SAMPLE DISPOSAL

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

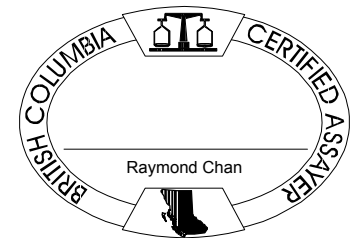
Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	25	Crush, split and pulverize drill core to 150 mesh		
7KP	25	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:



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 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: November 08, 2007

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

SMI07000214.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
595151	Rock	1.1	<0.001 <0.005
595152	Rock	0.6	<0.001 <0.005
595153	Rock	0.9	0.013 0.018
595154	Rock	0.7	0.016 0.273
595155	Rock	2.1	0.044 0.043
595156	Rock	0.7	0.031 <0.005
595157	Rock	0.2	<0.001 0.014
595158	Rock	0.8	0.010 0.086
595159	Rock	1.4	<0.001 <0.005
595160	Rock	0.7	<0.001 0.349
595161	Rock	0.9	0.004 0.331
595162	Rock	0.8	<0.001 0.037
595163	Rock	1.1	0.002 0.080
595164	Rock	2.8	<0.001 0.012
595165	Rock	1.7	0.025 <0.005
595166	Rock	1.3	0.036 <0.005
595167	Rock	1.2	<0.001 <0.005
595168	Rock	1.5	<0.001 0.462
595169	Rock	1.5	<0.001 <0.005
595170	Rock	1.4	0.001 0.051
595171	Rock	1.1	0.003 0.505
595172	Rock	4.3	<0.001 0.012
595173	Rock	1	<0.001 <0.005
595174	Rock	1.1	<0.001 <0.005
595175	Rock	0.6	0.014 0.013



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Project: Northern Dancer

Report Date: November 08, 2007

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

SMI07000214.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Reference Materials			
STD KP-1	Standard	0.217	0.742
STD KP-1	Standard	0.217	0.738
STD KP-1	Standard	0.220	0.755
STD KP-1	Standard	0.223	0.804
STD KP-1 Expected		0.22	0.74
BLK	Blank	<0.001	<0.005
BLK	Blank	<0.001	<0.005
Prep Wash			
G1	Prep Blank	<0.01	<0.001 <0.005



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Client:

Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
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Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 09, 2007

Report Date:

December 08, 2007

Page:

1 of 8

CERTIFICATE OF ANALYSIS

SMI07000232.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND24-27
P.O. Number: ACME FILE: A718458
Number of Samples: 201

SAMPLE DISPOSAL

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

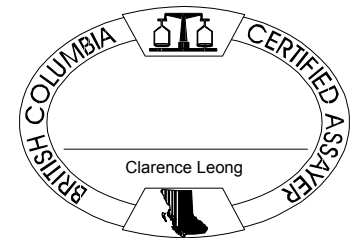
Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	195	Crush, split and pulverize drill core to 150 mesh		
7KP	201	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

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Project: Northern Dancer

Report Date: December 08, 2007

Page: 2 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI07000232.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641101	Drill Core	7.3	0.009 0.011
641102	Drill Core	6.7	0.012 0.031
641103	Drill Core	7.5	0.012 0.022
641104	Drill Core	3.3	0.027 0.006
641105	Drill Core	4.9	0.011 0.027
641106	Drill Core	5.8	0.071 0.019
641107	Drill Core	6.2	0.034 0.029
641108	Drill Core	6.3	0.007 0.053
641109	Drill Core	6.4	0.045 0.018
RRE 641109	Drill Core		0.041 0.021
641110	Drill Core	6.4	0.017 0.021
641111	Drill Core	6.8	0.029 0.049
641112	Drill Core	6.5	0.015 0.126
641113	Drill Core	7.1	0.007 0.021
641114	Drill Core	6	0.011 0.009
641115	Drill Core	5.8	0.017 <0.005
641116	Drill Core	7.1	0.011 0.029
641117	Drill Core	5.6	0.019 0.028
641118	Drill Core	3.9	0.018 0.013
641119	Drill Core	6.9	0.023 0.079
641120	Drill Core	9.1	0.013 0.011
641121	Drill Core	8.2	0.063 0.343
641122	Drill Core	6.6	0.024 0.033
641123	Drill Core	6.3	0.011 0.020
641124	Drill Core	7.1	0.087 0.922
641125	Drill Core	6	0.033 0.177
641126	Drill Core	6.2	0.014 0.029
641127	Drill Core	6.6	0.008 0.063
641128	Drill Core	5.5	0.008 0.016
641129	Drill Core	3.8	0.008 0.010

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CERTIFICATE OF ANALYSIS

SMI07000232.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641130	Drill Core	3.6	0.007 0.010
641131	Rock Pulp		0.066 <0.005
641132	Drill Core		<0.001 <0.005
641133	Drill Core	5.6	0.021 0.123
641134	Drill Core	4.4	0.003 0.029
641135	Drill Core	8.2	0.013 0.105
641136	Drill Core	6.8	0.012 0.045
641137	Drill Core	7.2	0.017 0.021
641138	Drill Core	8.3	0.016 0.043
641139	Drill Core	4.3	0.026 0.016
641140	Drill Core	7.7	0.027 0.062
641141	Drill Core	7	0.014 0.083
641142	Drill Core	2.9	0.015 0.027
641143	Drill Core	6.6	0.010 0.016
641144	Drill Core	6.6	0.014 0.025
641145	Drill Core	6.7	0.004 0.005
641146	Drill Core	5.1	0.010 0.006
641147	Drill Core	6.3	0.010 0.012
641148	Drill Core	4.6	0.004 <0.005
641149	Drill Core	5.3	0.004 0.046
641150	Drill Core	7.1	0.012 0.034
RRE 641150	Drill Core		0.013 0.034
641151	Drill Core	7	0.003 0.016
641152	Drill Core	7.2	0.007 0.047
641153	Drill Core	6.8	0.010 0.034
641154	Drill Core	7.3	0.010 0.019
641155	Drill Core	6.9	0.009 0.036
641156	Drill Core	9.2	0.009 0.005
641157	Drill Core	6.4	0.013 <0.005
641158	Drill Core	6.2	0.015 0.005

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CERTIFICATE OF ANALYSIS

SMI07000232.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641159	Drill Core	6.4	0.053 0.055
641160	Drill Core	6.4	0.021 0.009
641161	Drill Core	7.3	0.008 0.082
641162	Drill Core	3.4	0.011 0.150
641163	Drill Core	3.4	0.009 0.141
641164	Rock Pulp		0.002 1.333
641165	Drill Core		<0.001 <0.005
641166	Drill Core	6.6	0.005 0.032
641167	Drill Core	7.3	0.015 0.071
641168	Drill Core	6.6	0.013 0.019
641169	Drill Core	8.3	0.006 0.033
641170	Drill Core	6.1	0.011 0.020
641171	Drill Core	6.6	0.016 <0.005
641172	Drill Core	8.3	0.049 0.010
641173	Drill Core	5.2	0.006 0.041
641174	Drill Core	5.4	0.005 0.027
641175	Drill Core	8.5	0.011 0.016
641176	Drill Core	4.5	0.008 0.007
641177	Drill Core	7.7	0.014 0.029
641178	Drill Core	6.6	0.014 0.011
641179	Drill Core	6.9	0.006 0.029
641180	Drill Core	6.8	0.007 0.039
641181	Drill Core	6.5	0.022 0.019
641182	Drill Core	6.7	0.012 0.033
641183	Drill Core	7.4	0.065 0.105
641184	Drill Core	6.7	0.109 0.105
641185	Drill Core	7.1	0.011 0.012
641186	Drill Core	6.9	0.013 0.015
641187	Drill Core	3.4	0.035 0.052
641188	Drill Core	6.9	0.061 0.055

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Project: Northern Dancer

Report Date: December 08, 2007

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CERTIFICATE OF ANALYSIS

SMI07000232.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641189	Drill Core	6.5	0.019 0.054
641190	Drill Core	7.2	0.008 0.061
RRE 641190	Drill Core		0.007 0.062
641191	Drill Core	5.9	0.019 0.051
641192	Drill Core	4.9	0.014 0.015
641193	Drill Core	6.9	0.008 0.013
641194	Drill Core	7	0.022 0.054
641195	Drill Core	3.4	0.231 1.871
641196	Drill Core	3.5	0.367 1.042
641197	Rock Pulp		0.068 <0.005
641198	Drill Core		0.001 <0.005
641199	Drill Core	6	0.015 0.018
641200	Drill Core	6.3	0.008 0.013
641201	Drill Core	5.8	0.009 0.265
641202	Drill Core	6.1	0.055 0.626
641203	Drill Core	6.9	0.005 0.020
641204	Drill Core	6.4	0.002 0.070
641205	Drill Core	6.7	0.008 0.033
641206	Drill Core	6.6	0.008 0.261
641207	Drill Core	6.8	0.068 0.092
641208	Drill Core	6.6	0.018 0.077
641209	Drill Core	8	0.005 0.033
641210	Drill Core	5.5	0.006 <0.005
641211	Drill Core	6.4	0.006 0.009
641212	Drill Core	4.5	0.014 0.006
641213	Drill Core	5.5	0.040 0.273
641214	Drill Core	6.7	0.013 0.007
641215	Drill Core	7.1	0.004 0.024
641216	Drill Core	6.9	0.002 0.011
641217	Drill Core	7.1	0.003 0.015



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CERTIFICATE OF ANALYSIS

SMI07000232.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641218	Drill Core	7	0.012 0.012
641219	Drill Core	6.4	0.005 0.023
641220	Drill Core	6.5	0.005 0.010
641221	Drill Core	6.4	0.006 0.022
641222	Drill Core	5.9	0.010 0.011
641223	Drill Core	4	0.185 0.011
641224	Drill Core	5.3	0.006 0.019
RRE 641224	Drill Core		0.006 0.015
641225	Drill Core	6.7	0.009 0.006
641226	Drill Core	5.7	0.002 0.008
641227	Drill Core	6.3	0.016 0.184
641228	Drill Core	3.2	0.021 0.037
641229	Drill Core	3	0.017 0.286
641230	Rock Pulp		<0.001 1.002
641231	Drill Core		<0.001 <0.005
642319	Drill Core	1.9	0.013 0.011
642320	Drill Core	1	0.021 <0.005
642321	Drill Core	6	0.007 0.007
642322	Drill Core	6.6	0.009 <0.005
642323	Drill Core	6.5	0.012 <0.005
642324	Drill Core	3.2	0.016 0.098
642325	Drill Core	2.9	0.007 0.024
642326	Drill Core	2.6	0.005 0.025
642327	Drill Core		<0.001 <0.005
642328	Rock Pulp		<0.001 1.000
642329	Drill Core	5.5	0.020 0.020
642330	Drill Core	6.1	0.038 0.039
642331	Drill Core	6.5	0.008 0.020
642332	Drill Core	6.4	0.013 0.035
642333	Drill Core	6.4	0.009 0.020



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Project: Northern Dancer

Report Date: December 08, 2007

Page: 7 of 8 Part 1

CERTIFICATE OF ANALYSIS

SMI07000232.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642334	Drill Core	1.7	0.009 0.067
642335	Drill Core	6.9	0.008 0.047
642336	Drill Core	3.5	0.008 0.021
642337	Drill Core	6.6	0.006 0.019
642338	Drill Core	2.8	0.018 0.053
642339	Drill Core	4.2	0.018 0.274
RRE 642339	Drill Core		0.018 0.262
642340	Drill Core	3.3	0.006 0.008
642341	Drill Core	5.6	0.018 0.030
642342	Drill Core	6	0.011 0.024
642343	Drill Core	6.4	0.007 0.058
642344	Drill Core	2.4	0.014 0.044
642345	Drill Core	1.5	0.018 0.125
642346	Drill Core	4.7	0.017 0.090
642347	Drill Core	6.8	0.025 0.089
642348	Drill Core	4.7	0.031 0.101
642349	Drill Core	7	0.009 0.048
642350	Drill Core	6.4	0.011 0.092
642351	Drill Core	4.4	0.021 0.039
642352	Drill Core	2.8	0.020 0.024
642353	Drill Core	7.3	0.024 0.160
642354	Drill Core	5.8	0.031 0.106
642355	Drill Core	2	0.023 0.047
642356	Drill Core	6	0.009 0.016
642357	Drill Core	6.3	0.005 0.044
642358	Drill Core	1.8	0.012 0.029
642359	Drill Core	1.1	0.007 0.017
642360	Rock Pulp		0.069 <0.005
642361	Drill Core		<0.001 <0.005
642362	Drill Core	6.2	0.009 0.166

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Northern Dancer

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December 08, 2007

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Part 1

CERTIFICATE OF ANALYSIS

SMI07000232.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
642363	Drill Core	6.4	0.039	0.057
642364	Drill Core	6.4	0.011	0.095
642365	Drill Core	3.7	0.013	0.288
642366	Drill Core	6.1	0.035	0.117
642367	Drill Core	3.9	0.125	0.039
642368	Drill Core	2.2	0.064	0.222
642369	Drill Core	5.4	0.031	0.078
642370	Drill Core	4.6	0.014	0.052
642371	Drill Core	6	0.031	0.236
642372	Drill Core	4.7	0.015	0.065
642373	Drill Core	4.9	0.110	0.172
RRE 642373	Drill Core		0.073	0.121
642374	Drill Core	6.2	0.017	0.050
642375	Drill Core	7.1	0.005	0.078
642376	Drill Core	6	0.063	0.046
642377	Drill Core	7.5	0.009	0.139
642378	Drill Core	6.2	0.009	0.074
642379	Drill Core	6.7	0.007	0.153
642380	Drill Core	6.4	0.009	0.012
642381	Drill Core	6.6	0.014	0.034
642382	Drill Core	7.3	0.012	0.101



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Report Date:

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Page:

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Part 1

QUALITY CONTROL REPORT

SMI07000232.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
641147	Drill Core	6.3	0.010 0.012
REP 641147	QC		0.010 0.012
641160	Drill Core	6.4	0.021 0.009
REP 641160	QC		0.022 0.009
641194	Drill Core	7	0.022 0.054
REP 641194	QC		0.021 0.055
641212	Drill Core	4.5	0.014 0.006
REP 641212	QC		0.013 0.008
642332	Drill Core	6.4	0.013 0.035
REP 642332	QC		0.013 0.033
Reference Materials			
STD KP-1	Standard		0.220 0.702
STD KP-1	Standard		0.221 0.702
STD KP-1	Standard		0.224 0.723
STD KP-1	Standard		0.226 0.756
STD KP-1	Standard		0.219 0.752
STD KP-1	Standard		0.220 0.762
STD KP-1	Standard		0.222 0.726
STD KP-1	Standard		0.223 0.726
STD KP-1	Standard		0.215 0.728
STD KP-1	Standard		0.216 0.728
STD KP-1	Standard		0.224 0.926
STD KP-1	Standard		0.224 1.001
STD KP-1	Standard		0.220 0.701
STD KP-1	Standard		0.217 0.703
STD KP-1	Standard		0.218 0.729
STD KP-1	Standard		0.219 0.724
STD KP-1 Expected			0.22 0.74



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Report Date:

December 08, 2007

Page:

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Part 1

QUALITY CONTROL REPORT

SMI07000232.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
BLK	Blank	<0.001	<0.001	<0.005
Prep Wash				
G1	Prep Blank	<0.01	<0.001	<0.005



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Client:

Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Submitted By:

Farshid Ghazanfari

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 10, 2007

Report Date:

December 08, 2007

Page:

1 of 5

CERTIFICATE OF ANALYSIS

SMI07000262.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND29-31
P.O. Number: Branch file A718477
Number of Samples: 97

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	97	Crush, split and pulverize drill core to 150 mesh		
7KP	97	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

SAMPLE DISPOSAL

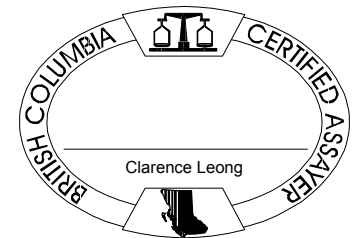
STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC: Lorie Farrell



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Project: Northern Dancer

Report Date: December 08, 2007

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI07000262.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641232	Drill Core	6.1	0.031 0.027
641233	Drill Core	6.9	0.086 0.012
641234	Drill Core	8.7	0.012 0.073
641235	Drill Core	5.6	0.015 0.100
641236	Drill Core	6.4	0.013 0.050
641237	Drill Core	6	0.017 0.015
641238	Drill Core	6.4	0.133 0.021
641239	Drill Core	6.5	0.011 0.076
641240	Drill Core	5.7	0.024 0.142
641241	Drill Core	6.3	0.046 0.032
641242	Drill Core	6.1	0.178 0.154
641243	Drill Core	6.3	0.020 0.119
RRE 641243	Drill Core		0.020 0.152
641244	Drill Core	8.3	0.020 0.032
641245	Drill Core	2.8	0.010 0.058
641246	Drill Core	9.3	0.006 0.087
641247	Drill Core	7.5	0.045 0.055
641248	Drill Core	2.8	2.839 0.020
641249	Drill Core	4.4	0.619 0.109
641250	Drill Core	6.3	0.123 0.233
641251	Drill Core	5.9	0.683 0.064
641252	Drill Core	6.1	0.009 0.017
641253	Drill Core	5.9	0.028 0.062
641254	Drill Core	6.4	0.008 0.020
641255	Drill Core	5.4	0.004 0.072
641256	Drill Core	4.4	0.003 0.019
641257	Drill Core	5.5	0.009 <0.005
641258	Drill Core	7.9	0.009 0.041
641259	Drill Core	8.7	0.016 0.062
641260	Drill Core	5.1	0.039 0.102

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Project: Northern Dancer

Report Date: December 08, 2007

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI07000262.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
641261	Drill Core	3.2	0.005 0.008
641262	Drill Core	2.9	0.003 0.006
641263	Rock Pulp		0.065 <0.005
641264	Drill Core		<0.001 <0.005
641265	Drill Core	7.3	0.006 0.020
641266	Drill Core	6.5	0.025 0.462
641267	Drill Core	5.1	0.009 0.126
641268	Drill Core	6.3	0.015 0.010
641269	Drill Core	6.5	0.035 <0.005
641270	Drill Core	6.1	0.032 <0.005
641271	Drill Core	4.7	0.034 0.007
642570	Drill Core	1.6	0.005 0.011
642571	Drill Core	4.2	0.014 0.089
642572	Drill Core	4.3	0.009 0.016
642573	Drill Core	4.4	0.013 0.034
642574	Drill Core	4.1	0.007 0.012
RRE 642574	Drill Core		0.007 0.007
642575	Drill Core	4	0.018 0.026
642576	Drill Core	4.6	0.009 0.014
642577	Drill Core	4.9	0.006 0.038
642578	Drill Core	3.4	0.015 0.022
642579	Drill Core	2.4	0.054 0.032
642580	Drill Core	3.2	0.031 0.021
642581	Drill Core	4.3	0.023 0.047
642582	Drill Core	4.9	0.013 0.089
642583	Drill Core	4.8	0.010 0.038
642584	Drill Core	4.7	0.007 0.027
642585	Drill Core	4.4	0.006 0.007
642586	Drill Core	4.9	0.015 0.032
642587	Drill Core	3.9	0.006 0.023



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Project: Northern Dancer

Report Date: December 08, 2007

Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI07000262.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642588	Drill Core	4.8	0.005 0.009
642589	Drill Core	4.6	0.010 0.051
642590	Drill Core	4	0.009 0.017
642591	Drill Core	4.3	0.006 0.006
642592	Drill Core	4.4	0.017 0.097
642593	Drill Core	2.3	0.013 0.075
642594	Drill Core	4.2	0.010 0.020
642595	Drill Core	4.6	0.007 0.018
642596	Drill Core	4.6	0.018 0.088
642597	Drill Core	2.1	0.012 0.034
642598	Drill Core	2.1	0.010 0.029
642599	Rock Pulp	<0.001	1.030
642600	Drill Core	<0.001	<0.005
642601	Drill Core	4.6	0.011 0.059
642602	Drill Core	4.7	0.013 0.056
642603	Drill Core	4.4	0.007 0.025
642604	Drill Core	4.1	0.015 0.019
642605	Drill Core	5.1	0.019 0.014
642606	Drill Core	4.3	0.034 0.014
642607	Drill Core	4.4	0.007 0.025
642608	Drill Core	2.3	0.020 0.034
642609	Drill Core	3.8	0.037 0.023
642610	Drill Core	5.1	0.006 0.018
642611	Drill Core	4	0.005 0.022
642612	Drill Core	6.2	0.005 0.021
642613	Drill Core	5.1	0.007 0.028
642614	Drill Core	6	0.005 0.036
642615	Drill Core	5.1	0.020 0.027
642616	Drill Core	4.5	0.005 0.019
RRE 642616	Drill Core	0.005	0.017

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Project:

Northern Dancer

Report Date:

December 08, 2007

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Part 1

CERTIFICATE OF ANALYSIS

SMI07000262.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642617	Drill Core	6.7	0.011 0.024
642618	Drill Core	1.8	0.002 0.021
642619	Drill Core	3.8	0.015 0.022
642620	Drill Core	1.8	0.009 0.012
642621	Drill Core	1.8	0.009 0.013
642622	Rock Pulp		0.068 <0.005
642623	Drill Core		<0.001 <0.005



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Project:

Northern Dancer

Report Date:

December 08, 2007

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

SMI07000262.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
641249	Drill Core	4.4	0.619 0.109
REP 641249	QC		0.608 0.109
642570	Drill Core	1.6	0.005 0.011
REP 642570	QC		0.005 0.010
642593	Drill Core	2.3	0.013 0.075
REP 642593	QC		0.014 0.073
Reference Materials			
STD KP-1	Standard	0.232	0.739
STD KP-1	Standard	0.230	0.744
STD KP-1	Standard	0.216	0.711
STD KP-1	Standard	0.217	0.720
STD KP-1	Standard	0.216	0.712
STD KP-1	Standard	0.216	0.712
STD KP-1 Expected		0.22	0.74
BLK	Blank	<0.001	<0.005
BLK	Blank	<0.001	<0.005
BLK	Blank	<0.001	<0.005
Prep Wash			
G1	Prep Blank	<0.01	<0.001 <0.005



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65 Queen St. West
 Suite 820 P.O. Box 71
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Submitted By:

Lorie Farrell

Receiving Lab:

Acme Analytical Laboratories (Vancouver) Ltd.

Received:

October 17, 2007

Report Date:

December 13, 2007

Page:

1 of 10

CERTIFICATE OF ANALYSIS

SMI07000287.1

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07 ND 28, 32, 33
 P.O. Number: ACME FILE: A718504
 Number of Samples: 243

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	243	Crush, split and pulverize drill core to 150 mesh		
7KP	243	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

SAMPLE DISPOSAL

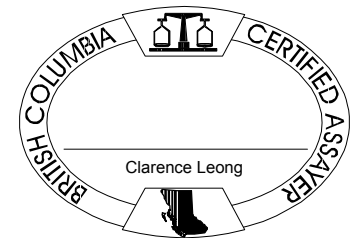
STOR-PLP Store After 90 days Invoice for Storage
 STOR-RJT Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
 65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5
 Canada

CC:



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Client: **Largo-Farshid Resources**

65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: December 13, 2007

Page: 2 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642383	Drill Core	3.3	0.006 0.005
642384	Drill Core	6.4	0.013 0.010
642385	Drill Core	6.2	0.006 0.006
642386	Drill Core	6	0.009 <0.005
642387	Drill Core	6.3	0.009 0.006
642388	Drill Core	6.4	0.020 0.006
642389	Drill Core	6.4	0.007 <0.005
642390	Drill Core	5.7	0.019 0.009
642391	Drill Core	3.1	0.008 <0.005
642392	Drill Core	3.3	0.006 <0.005
RRE 642392	Drill Core		0.006 0.005
642393	Rock Pulp		<0.001 1.012
642394	Drill Core	0.2	<0.001 <0.005
642395	Drill Core	5.8	0.011 0.017
642396	Drill Core	5	0.011 0.034
642397	Drill Core	4.4	0.005 <0.005
642398	Drill Core	6	0.008 0.005
642399	Drill Core	6	0.006 <0.005
642400	Drill Core	6.2	0.007 <0.005
642401	Drill Core	7.1	0.010 0.006
642402	Drill Core	4.8	0.019 0.136
642403	Drill Core	3.4	0.011 0.048
642404	Drill Core	5.7	0.010 0.010
642405	Drill Core	6.3	0.004 <0.005
642406	Drill Core	2.3	0.009 <0.005
642407	Drill Core	4.3	0.010 0.142
642408	Drill Core	3.1	0.005 0.014
642409	Drill Core	4.1	0.010 0.021
642410	Drill Core	5.8	0.006 0.032
642411	Drill Core	5.4	0.006 0.011



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Project: Northern Dancer

Report Date: December 13, 2007

Page: 3 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642412	Drill Core	7.1	0.011 0.046
642413	Drill Core	3.9	0.015 0.005
642414	Drill Core	5.7	0.009 0.028
642415	Drill Core	3.9	0.004 0.026
642416	Drill Core	3.8	0.008 0.008
642417	Drill Core	3.8	0.012 0.008
642418	Drill Core	4.7	0.002 0.008
642419	Drill Core	2.3	0.006 0.133
642420	Drill Core	3.1	0.003 0.013
642421	Drill Core	4.7	0.003 0.022
642422	Drill Core	4.4	0.014 0.014
642423	Drill Core	3.3	0.004 0.071
642424	Drill Core	3.2	0.006 0.018
642425	Drill Core	3	0.007 0.023
642426	Rock Pulp		0.065 <0.005
642427	Drill Core	0.5	<0.001 <0.005
RRE 642427	Drill Core		<0.001 <0.005
642428	Drill Core	6.3	0.009 0.006
642429	Drill Core	6.1	0.024 0.009
642430	Drill Core	4.4	0.011 0.014
642431	Drill Core	5.4	0.014 <0.005
642432	Drill Core	4.4	0.025 0.014
642433	Drill Core	4.4	0.012 0.010
642434	Drill Core	1.2	0.008 0.064
642435	Drill Core	6.4	0.013 <0.005
642436	Drill Core	6	0.011 <0.005
642437	Drill Core	6.4	0.009 <0.005
642438	Drill Core	6	0.011 <0.005
642439	Drill Core	5.8	0.010 0.006
642440	Drill Core	6.3	0.009 0.008



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Project: Northern Dancer

Report Date: December 13, 2007

Page: 4 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642441	Drill Core	5.6	0.005 0.007
642442	Drill Core	5.8	0.027 0.107
642443	Drill Core	5.5	0.123 0.595
642444	Drill Core	5.1	0.004 0.024
642445	Drill Core	1.9	0.018 0.090
642446	Drill Core	5.9	0.003 0.022
642447	Drill Core	5.4	0.027 0.010
642448	Drill Core	4.8	0.006 0.018
642449	Drill Core	3.4	0.012 0.005
642450	Drill Core	5.4	0.010 0.011
642451	Drill Core	5	0.046 0.060
642452	Drill Core	5.1	0.009 <0.005
642453	Drill Core	3.3	0.006 <0.005
642454	Drill Core	2.1	0.077 0.512
642455	Drill Core	5.6	0.020 0.009
642456	Drill Core	3.9	0.008 0.008
642457	Drill Core	3.2	0.007 0.026
642458	Drill Core	3.2	0.006 0.032
642459	Rock Pulp	<0.001	0.978
642460	Drill Core	0.6	<0.001 <0.005
642461	Drill Core	4	0.009 0.026
642462	Drill Core	3.4	0.142 0.008
642463	Drill Core	5.7	0.039 <0.005
642464	Drill Core	3.4	0.012 0.048
RRE 642464	Drill Core		0.009 0.033
642465	Drill Core	4.3	0.043 0.019
642466	Drill Core	5.1	0.006 0.039
642624	Drill Core	3.4	0.008 0.020
642625	Drill Core	4.9	0.008 0.021
642626	Drill Core	5.6	0.015 0.039

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Project: Northern Dancer

Report Date: December 13, 2007

Page: 5 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642627	Drill Core	6.1	0.010 0.108
642628	Drill Core	5.1	0.004 0.026
642629	Drill Core	4.6	0.005 0.069
642630	Drill Core	4.7	0.005 0.017
642631	Drill Core	2.6	0.004 0.012
642632	Drill Core	6.1	0.009 0.057
642633	Drill Core	6.1	0.013 0.048
642634	Drill Core	5.7	0.016 0.167
642635	Drill Core	1.9	0.014 0.010
642636	Drill Core	1.3	0.006 0.023
642637	Drill Core	6.2	0.009 0.076
642638	Drill Core	3.2	0.007 0.036
642639	Drill Core	4.7	0.017 0.099
642640	Drill Core	5.7	0.010 0.053
642641	Drill Core	5.5	0.008 0.030
642642	Drill Core	6.4	0.004 0.029
642643	Drill Core	5.9	0.011 0.039
642644	Drill Core	6.5	0.016 0.040
642645	Drill Core	5.6	0.016 0.203
642646	Drill Core	6.2	0.007 0.054
642647	Drill Core	5.9	0.016 0.048
642648	Drill Core	2.6	0.032 0.057
642649	Drill Core	5.6	0.008 0.038
642650	Drill Core	3.6	0.008 0.078
642651	Drill Core	3.7	0.007 0.054
642652	Drill Core	5.9	0.015 0.056
642653	Drill Core	2.2	0.018 0.026
RRE 642653	Drill Core		0.016 0.026
642654	Drill Core	6.4	0.028 0.073
642655	Drill Core	0.3	<0.001 <0.005



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Project: Northern Dancer

Report Date: December 13, 2007

Page: 6 of 10 Part 1

CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642656	Drill Core	4.1	0.003 0.037
642657	Drill Core	4.3	0.005 0.059
642658	Drill Core	3.4	0.035 0.044
642659	Drill Core	5.7	0.014 0.066
642660	Drill Core	2.8	0.028 0.052
642661	Drill Core	2.6	0.021 0.052
642662	Drill Core	6.2	0.010 0.038
642663	Drill Core	2.4	0.015 0.110
642664	Rock Pulp		0.001 1.064
642665	Drill Core	2.3	0.008 0.164
642666	Drill Core	6.1	0.256 0.452
642667	Drill Core	3.7	0.008 0.014
642668	Drill Core	2.6	0.016 0.038
642669	Drill Core	4.6	0.044 0.300
642670	Drill Core	3.7	0.011 0.043
642671	Drill Core	2.1	0.012 0.401
642672	Drill Core	5.9	0.039 0.166
642673	Drill Core	5.4	0.017 0.121
642674	Drill Core	3.8	0.009 0.014
642675	Drill Core	5.6	0.007 0.015
642676	Drill Core	5.4	0.007 0.015
642677	Drill Core	3.9	0.009 0.011
642678	Drill Core	5.4	0.009 0.030
642679	Drill Core	6.4	0.011 0.112
642680	Drill Core	2.1	0.007 0.053
642681	Drill Core	4.8	0.012 0.032
642683	Drill Core	5.4	0.007 0.014
642684	Drill Core	6.4	0.017 0.009
642685	Drill Core	4.6	0.010 0.024
642686	Drill Core	6.7	0.028 0.043



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65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: December 13, 2007

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CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642687	Drill Core	4	0.009 0.008
642688	Drill Core	3.5	0.011 0.056
RRE 642688	Drill Core		0.010 0.049
642689	Drill Core	4.3	0.007 0.009
642690	Drill Core	4.4	0.004 0.026
642691	Drill Core	4.3	0.025 0.151
642692	Drill Core	5.4	0.014 0.020
642693	Drill Core	6.2	0.022 0.014
642694	Drill Core	6.3	0.008 0.010
642695	Drill Core	3.4	0.019 0.027
642696	Drill Core	2.8	0.020 0.028
642697	Rock Pulp		0.068 <0.005
642698	Drill Core	0.3	<0.001 <0.005
642699	Drill Core	2.5	0.012 0.010
642700	Drill Core	4.5	0.030 0.024
642701	Drill Core	6.7	0.011 0.032
642702	Drill Core	4.6	0.029 0.006
642703	Drill Core	3.5	0.014 0.056
642704	Drill Core	3.1	0.019 0.038
642705	Drill Core	6	0.081 0.019
642706	Drill Core	5.9	0.013 0.007
642707	Drill Core	4.3	0.022 0.109
642708	Drill Core	4.1	0.025 0.007
642709	Drill Core	4.4	0.026 0.040
642710	Drill Core	4.4	0.018 0.054
642711	Drill Core	6.4	0.016 0.010
642712	Drill Core	2.2	0.029 0.129
642713	Drill Core	4.6	0.011 0.012
642714	Drill Core	3.1	0.014 0.018
642715	Drill Core	4.2	0.020 0.043

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Project: Northern Dancer

Report Date: December 13, 2007

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CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642716	Drill Core	6.7	0.006 0.035
642717	Drill Core	6.3	0.015 0.065
642718	Drill Core	6.6	0.024 0.039
642719	Drill Core	5	0.026 0.062
642720	Drill Core	4.6	0.052 0.030
642721	Drill Core	6.3	0.020 0.036
642722	Drill Core	6.4	0.018 0.059
642723	Drill Core	6.6	0.006 0.018
642724	Drill Core	6.3	0.008 0.034
642725	Drill Core	3.7	0.019 0.016
642726	Drill Core	4	0.027 0.110
642727	Drill Core	2.1	0.045 <0.005
642728	Drill Core	1.6	0.049 0.166
RRE 642728	Drill Core		0.038 0.215
642729	Drill Core	1.7	0.033 0.248
642730	Rock Pulp		<0.001 1.111
642731	Drill Core	0.3	<0.001 <0.005
642732	Drill Core	5.4	0.085 0.365
642733	Drill Core	3.4	0.021 0.071
642734	Drill Core	4.5	0.018 0.051
642735	Drill Core	6.4	0.033 0.069
642736	Drill Core	6.7	0.011 0.040
642737	Drill Core	6.1	0.021 0.010
642738	Drill Core	5.4	0.013 0.009
642739	Drill Core	3.5	0.014 0.015
642740	Drill Core	3.4	0.063 0.006
642741	Drill Core	6.4	0.024 0.043
642742	Drill Core	7.8	0.039 0.188
642743	Drill Core	3.2	0.026 0.065
642744	Drill Core	5.4	0.018 0.179



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Report Date: December 13, 2007

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CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642745	Drill Core	3.1	0.022 0.046
642746	Drill Core	6.9	0.011 0.067
642747	Drill Core	9.3	0.015 0.081
642748	Drill Core	4.5	0.027 0.233
642749	Drill Core	5.6	0.071 0.069
642750	Drill Core	7.2	0.029 0.040
642751	Drill Core	4.9	0.009 0.012
642752	Drill Core	8	0.013 0.075
642753	Drill Core	2.9	0.016 <0.005
642754	Drill Core	3	0.031 0.069
642755	Drill Core	6.4	0.026 0.021
642756	Drill Core	6.7	0.013 0.033
RRE 642756	Drill Core		0.013 0.036
642757	Drill Core	6.1	0.013 0.007
642758	Drill Core	6.3	0.014 0.014
642759	Drill Core	6.4	0.018 0.011
642760	Drill Core	5.5	0.013 0.031
642761	Drill Core	2.6	0.024 0.013
642762	Drill Core	2.4	0.039 0.015
642763	Rock Pulp		0.068 <0.005
642764	Drill Core	0.3	<0.001 <0.005
642765	Drill Core	5.4	0.026 0.011
642766	Drill Core	4.1	0.015 0.048
642767	Drill Core	3.5	0.008 0.010
642768	Drill Core	6.5	0.012 0.021
642769	Drill Core	5.8	0.069 0.015
642770	Drill Core	6.1	0.033 0.023
642771	Drill Core	4.9	0.006 0.007
642772	Drill Core	4.8	0.012 0.047
642773	Drill Core	6.1	0.013 <0.005



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CERTIFICATE OF ANALYSIS

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642774	Drill Core	7.1	0.056 0.031
642775	Drill Core	5.2	0.039 0.080
642776	Drill Core	6.7	0.017 0.055



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Project:

Northern Dancer

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December 13, 2007

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Part 1

QUALITY CONTROL REPORT

SMI07000287.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
642396	Drill Core	5	0.011 0.034
REP 642396	QC		0.011 0.033
642429	Drill Core	6.1	0.024 0.009
REP 642429	QC		0.022 0.008
642463	Drill Core	5.7	0.039 <0.005
REP 642463	QC		0.040 <0.005
642673	Drill Core	5.4	0.017 0.121
REP 642673	QC		0.016 0.119
642689	Drill Core	4.3	0.007 0.009
REP 642689	QC		0.006 0.007
642719	Drill Core	5	0.026 0.062
REP 642719	QC		0.023 0.060
642765	Drill Core	5.4	0.026 0.011
REP 642765	QC		0.027 0.010
Reference Materials			
STD KP-1	Standard		0.229 0.761
STD KP-1	Standard		0.228 0.771
STD KP-1	Standard		0.223 0.754
STD KP-1	Standard		0.222 0.765
STD KP-1	Standard		0.220 0.702
STD KP-1	Standard		0.217 0.706
STD KP-1	Standard		0.226 0.759
STD KP-1	Standard		0.216 0.769
STD KP-1	Standard		0.226 0.740
STD KP-1	Standard		0.225 0.784
STD KP-1	Standard		0.223 0.762
STD KP-1	Standard		0.224 0.771
STD KP-1	Standard		0.220 0.747



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Project: Northern Dancer

Report Date: December 13, 2007

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QUALITY CONTROL REPORT

SMI07000287.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
STD KP-1	Standard		0.226	0.776
STD KP-1	Standard		0.220	0.722
STD KP-1	Standard		0.218	0.725
STD KP-1 Expected			0.22	0.74
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
Prep Wash				
G1	Prep Blank	<0.01	<0.001	<0.005



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65 Queen St. West
 Suite 820 P.O. Box 71
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Submitted By: Farshid Ghazanfari
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: October 23, 2007
 Report Date: December 13, 2007
 Page: 1 of 9

CERTIFICATE OF ANALYSIS

SMI07000330.1

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07ND34-37
 P.O. Number: ACME FILE: A718544
 Number of Samples: 235

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
7KP	235	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

SAMPLE DISPOSAL

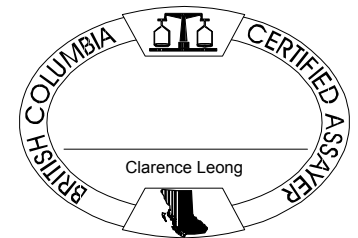
STOR-PLP Store After 90 days Invoice for Storage
 STOR-RJT Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
 65 Queen St. West
 Suite 820 P.O. Box 71
 Toronto ON M5H 2M5
 Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Project: Northern Dancer

Report Date: December 13, 2007

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CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
642777	Drill Core	6.7	0.023	0.011
642778	Drill Core	5.1	0.087	0.068
642779	Drill Core	2.7	0.018	0.014
642780	Drill Core	6.5	0.020	0.034
642781	Drill Core	6.5	0.022	0.023
642782	Drill Core	7.3	0.023	0.047
642783	Drill Core	5.4	0.024	0.041
642784	Drill Core	4.4	0.034	0.034
642785	Drill Core	5.2	0.037	0.091
642786	Drill Core	7.3	0.035	0.076
642787	Drill Core	6.9	0.021	0.095
642788	Drill Core	5.5	0.024	0.073
642789	Drill Core	7.3	0.035	0.024
RRE 642789	Drill Core		0.038	0.023
642790	Drill Core	5.6	0.027	0.096
642791	Drill Core	6.4	0.035	0.044
642792	Drill Core	6.8	0.038	0.035
642793	Drill Core	3.1	0.026	0.027
642794	Drill Core	3	0.190	0.061
642795	Drill Core	2.7	0.151	0.080
642796	Rock Pulp		0.001	1.103
642797	Drill Core	0.4	0.003	<0.005
642798	Drill Core	6.4	0.028	0.016
642799	Drill Core	7.6	0.048	0.020
642800	Drill Core	7.8	0.049	0.020
642801	Drill Core	7.2	0.047	0.043
642802	Drill Core	6.4	0.046	0.013
642803	Drill Core	4.4	0.019	0.017
642804	Drill Core	6.8	0.027	0.008
642805	Drill Core	3.9	0.059	0.010



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CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642806	Drill Core	4.7	0.041 0.008
642807	Drill Core	5.7	0.040 0.017
642808	Drill Core	7	0.021 0.045
642809	Drill Core	4.3	0.029 0.033
642810	Drill Core	6.3	0.023 0.013
642811	Drill Core	7.1	0.015 0.019
642812	Drill Core	7.8	0.017 0.054
642813	Drill Core	7	0.011 0.038
642814	Drill Core	5.7	0.065 0.094
642815	Drill Core	6.7	0.028 0.022
642816	Drill Core	3.6	0.025 0.017
642817	Drill Core	4	0.048 0.016
642818	Drill Core	6.4	0.015 0.025
642819	Drill Core	3.9	0.024 0.028
642820	Drill Core	7	0.028 0.034
642821	Drill Core	2.5	0.069 0.010
642822	Drill Core	3	0.059 0.028
642823	Drill Core	2.4	0.053 0.018
642824	Drill Core	6.5	0.023 0.030
642825	Drill Core	5	0.047 0.099
642826	Drill Core	7.3	0.058 0.182
642827	Drill Core	3	0.035 0.122
642828	Drill Core	3.9	0.031 0.154
RRE 642828	Drill Core		0.029 0.132
642829	Rock Pulp		0.067 <0.005
642830	Drill Core	0.4	0.001 0.006
642831	Drill Core	7.3	0.060 0.128
642832	Drill Core	7.3	0.048 0.096
642833	Drill Core	2.8	0.009 0.016
642834	Drill Core	6.9	0.037 0.057



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Report Date: December 13, 2007

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CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642835	Drill Core	6.5	0.032 0.025
642836	Drill Core	6	0.021 0.018
642837	Drill Core	3.3	0.016 0.009
642838	Drill Core	6.7	0.021 0.011
642839	Drill Core	6.1	0.017 0.029
642840	Drill Core	7.3	0.074 0.119
642841	Drill Core	6.7	0.023 0.042
642842	Drill Core	4.1	0.067 0.080
642843	Drill Core	6.6	0.030 0.028
642844	Drill Core	5.7	0.049 0.023
642845	Drill Core	6.2	0.063 0.020
642846	Drill Core	6.6	0.035 0.032
642847	Drill Core	2.4	0.009 <0.005
642848	Drill Core	3.7	0.026 0.011
642849	Drill Core	4.4	0.021 0.020
642850	Drill Core	3.4	0.038 0.035
642851	Drill Core	3.3	0.033 0.114
642852	Drill Core	4.1	0.014 0.042
642853	Drill Core	6.7	0.014 0.023
642854	Drill Core	1.6	0.023 0.088
642855	Drill Core	5.8	0.021 0.018
642856	Drill Core	6.6	0.020 0.016
642857	Drill Core	6.9	0.034 0.090
642858	Drill Core	6.4	0.039 0.093
642859	Drill Core	7.1	0.021 0.026
642860	Drill Core	6	0.014 0.036
642861	Drill Core	2	0.022 0.019
642862	Drill Core	2.1	0.015 0.015
642863	Rock Pulp	<0.001	1.091
642864	Drill Core	0.5	<0.001 <0.005



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Part 1

CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642865	Drill Core	4.4	0.037 0.060
642866	Drill Core	3.1	0.028 0.079
RRE 642866	Drill Core		0.036 0.107
642867	Drill Core	5.4	0.026 0.168
642868	Drill Core	3.6	0.032 0.041
642869	Drill Core	4.8	0.040 0.139
642870	Drill Core	4.3	0.016 0.121
642871	Drill Core	6.9	0.036 0.022
642872	Drill Core	4.5	0.064 0.648
642873	Drill Core	4.7	0.042 0.024
642874	Drill Core	6.3	0.036 0.060
642875	Drill Core	3.7	0.041 0.040
642876	Drill Core	2.7	0.038 0.036
642877	Drill Core	6.9	0.036 0.148
642878	Drill Core	8.1	0.024 0.364
642879	Drill Core	7.6	0.014 0.082
642880	Drill Core	7.5	0.020 0.108
642881	Drill Core	7.3	0.085 0.025
642882	Drill Core	4.2	0.013 0.080
642883	Drill Core	8.3	0.043 0.069
642884	Drill Core	3.4	0.033 0.172
642885	Drill Core	6.1	0.017 0.046
642886	Drill Core	3.2	0.018 0.015
642887	Drill Core	5.7	0.033 0.007
642888	Drill Core	3.1	0.014 0.031
642889	Rock Pulp		0.066 <0.005
642890	Drill Core	0.2	<0.001 <0.005
642467	Drill Core	6.2	0.008 0.022
RRE 642467	Drill Core		0.051 0.006
642468	Drill Core	6.1	0.009 0.011



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Client:

Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Project:

Northern Dancer

Report Date:

December 13, 2007

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Part 1

CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP	
Analyte	Wgt	Mo	W	
Unit	kg	%	%	
MDL	0.01	0.001	0.005	
642469	Drill Core	3.5	0.005	0.008
642470	Drill Core	4.3	0.011	0.006
642471	Drill Core	4.7	0.007	<0.005
642472	Drill Core	7.6	0.007	0.031
642473	Drill Core	6.9	0.033	0.023
642474	Drill Core	5.7	0.006	0.043
642475	Drill Core	6	0.011	0.032
642476	Drill Core	3.9	0.009	0.016
642477	Drill Core	3.5	0.090	0.140
642478	Drill Core	6.2	0.008	0.011
642479	Drill Core	5.2	0.198	0.283
642480	Drill Core	3.3	0.020	0.005
642481	Drill Core	4.9	0.012	0.122
642482	Drill Core	4.9	0.022	0.007
642483	Drill Core	6.5	0.008	0.126
642484	Drill Core	6.4	0.073	0.536
642485	Drill Core	4.3	0.032	0.087
642486	Drill Core	2.5	0.905	0.058
642487	Drill Core	4.1	0.040	0.047
642488	Drill Core	4.4	0.685	0.140
642489	Drill Core	5	0.069	0.128
642490	Drill Core	1.5	0.057	0.295
642491	Drill Core	1.6	0.030	0.260
642492	Rock Pulp		0.067	<0.005
642493	Drill Core	0.3	0.001	0.006
642494	Drill Core	6.6	0.002	0.009
642495	Drill Core	6	0.007	0.059
642496	Drill Core	6.4	0.018	0.006
642497	Drill Core	6.1	0.019	0.007
642498	Drill Core	3.2	0.570	0.007



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Project: Northern Dancer

Report Date: December 13, 2007

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CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642499	Drill Core	4.8	0.091 0.027
642500	Drill Core	7	0.011 0.065
642501	Drill Core	6.8	0.005 0.023
RRE 642501	Drill Core		0.005 0.035
642502	Drill Core	3.8	0.005 0.036
642503	Drill Core	6.8	0.040 0.077
642504	Drill Core	5.4	0.037 0.059
642505	Drill Core	5.4	0.079 0.229
642506	Drill Core	5.1	0.037 0.011
642507	Drill Core	4.3	0.032 0.026
642508	Drill Core	4.9	0.018 0.119
642509	Drill Core	4.7	0.022 0.020
642510	Drill Core	5.5	0.047 0.507
642511	Drill Core	4.4	0.021 0.028
642512	Drill Core	3.8	0.021 0.044
642513	Drill Core	3.2	0.017 0.030
642514	Drill Core	4.4	0.013 0.021
642515	Drill Core	5.5	0.028 0.165
642516	Drill Core	6.8	0.009 0.044
642517	Drill Core	7.1	0.016 0.048
642518	Drill Core	6.3	0.005 0.047
642519	Drill Core	3.2	0.117 0.129
642520	Drill Core	3.8	0.014 0.322
642521	Drill Core	2.8	0.021 0.066
642522	Drill Core	3.1	0.017 0.047
642523	Rock Pulp		<0.001 1.004
642524	Drill Core	0.2	<0.001 <0.005
642525	Drill Core	6.8	0.023 0.041
642526	Drill Core	7.1	0.014 0.060
642527	Drill Core	5.4	0.032 0.044



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Report Date: December 13, 2007

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CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642528	Drill Core	3.7	0.018 0.025
642529	Drill Core	4.5	0.033 0.018
642530	Drill Core	7	0.016 0.148
642531	Drill Core	6.4	0.010 0.068
642532	Drill Core	6.3	0.012 0.024
642533	Drill Core	7	0.007 0.040
RRE 642533	Drill Core		0.007 0.048
642534	Drill Core	4.3	0.012 0.038
642535	Drill Core	2.4	0.150 0.039
642536	Drill Core	6.4	0.010 0.096
642537	Drill Core	7	0.006 0.031
642538	Drill Core	2.9	0.007 <0.005
642539	Drill Core	2.9	0.045 0.024
642540	Drill Core	5.9	0.023 0.107
642541	Drill Core	3.5	0.010 0.075
642542	Drill Core	4	0.017 0.203
642543	Drill Core	4	0.012 0.394
642544	Drill Core	7.2	0.008 0.039
642545	Drill Core	2.9	0.007 0.021
642546	Drill Core	2.7	0.073 0.045
642547	Drill Core	3.1	0.007 0.037
642548	Drill Core	6.7	0.015 0.010
642549	Drill Core	4.9	0.016 0.013
642550	Drill Core	6.5	0.008 0.060
642551	Drill Core	6.9	0.021 0.024
642552	Drill Core	4.5	0.016 0.014
642553	Drill Core	3.6	0.017 0.012
642554	Drill Core	2.4	0.005 0.057
642555	Drill Core	2.2	0.005 0.039
642556	Rock Pulp		0.067 <0.005

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

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CERTIFICATE OF ANALYSIS

SMI07000330.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
642557	Drill Core	0.4	<0.001 <0.005
642558	Drill Core	7.3	0.005 0.085
642559	Drill Core	5.1	0.007 0.010
642560	Drill Core	3.1	0.114 0.103
642561	Drill Core	7.1	0.096 0.097
642562	Drill Core	7.1	0.011 0.036
642563	Drill Core	4.9	0.226 0.180
642564	Drill Core	5.7	0.012 0.028
642565	Drill Core	7.1	0.005 0.019
642566	Drill Core	7	0.008 0.103
642567	Drill Core	6.9	0.008 0.020
642568	Drill Core	4.4	0.037 0.041
642569	Drill Core	7	0.026 0.073
642891	Drill Core	4.5	0.008 0.040
RRE 642891	Drill Core		0.008 0.041
642892	Drill Core	7.3	0.002 0.018
642893	Drill Core	4.4	0.001 0.011
642894	Drill Core	2.5	0.001 0.008
642895	Drill Core	3	0.001 0.009
642896	Rock Pulp		0.068 <0.005
642897	Drill Core	0.2	<0.001 <0.005
642898	Drill Core	7.7	0.003 0.015
642899	Drill Core	7.2	0.001 0.024
642900	Drill Core	6.5	<0.001 0.013
642901	Drill Core	3.3	0.003 0.112



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Project: Northern Dancer

Report Date: December 13, 2007

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

SMI07000330.1

Method	WGHT	7KP	7KP
Analyte	Wgt	Mo	W
Unit	kg	%	%
MDL	0.01	0.001	0.005
Pulp Duplicates			
642790	Drill Core	5.6	0.027 0.096
REP 642790	QC		0.028 0.093
642844	Drill Core	5.7	0.049 0.023
REP 642844	QC		0.050 0.024
642870	Drill Core	4.3	0.016 0.121
REP 642870	QC		0.016 0.122
642481	Drill Core	4.9	0.012 0.122
REP 642481	QC		0.012 0.123
642499	Drill Core	4.8	0.091 0.027
REP 642499	QC		0.094 0.027
642558	Drill Core	7.3	0.005 0.085
REP 642558	QC		0.006 0.087
642567	Drill Core	6.9	0.008 0.020
REP 642567	QC		0.007 0.022
Reference Materials			
STD KP-1	Standard		0.225 0.771
STD KP-1	Standard		0.226 0.776
STD KP-1	Standard		0.218 0.725
STD KP-1	Standard		0.218 0.731
STD KP-1	Standard		0.206 0.738
STD KP-1	Standard		0.216 0.747
STD KP-1	Standard		0.219 0.741
STD KP-1	Standard		0.220 0.749
STD KP-1	Standard		0.220 0.749
STD KP-1	Standard		0.223 0.769
STD KP-1	Standard		0.221 0.749
STD KP-1	Standard		0.221 0.745
STD KP-1	Standard		0.220 0.749



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Project: Northern Dancer

Report Date: December 13, 2007

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QUALITY CONTROL REPORT

SMI07000330.1

		WGHT	7KP	7KP
		Wgt	Mo	W
		kg	%	%
		0.01	0.001	0.005
STD KP-1	Standard		0.223	0.760
STD KP-1 Expected			0.22	0.74
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
BLK	Blank		<0.001	<0.005
Prep Wash				
G1	Prep Blank	<0.01	<0.001	<0.005



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65 Queen St. West, Suite 820
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Submitted By: Farshid Ghazanfari
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: November 14, 2007
 Report Date: February 29, 2008
 Page: 1 of 11

CERTIFICATE OF ANALYSIS

SMI07000429.1

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07ND38-42
 P.O. Number: ACME FILE: A718843
 Number of Samples: 296

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
 STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

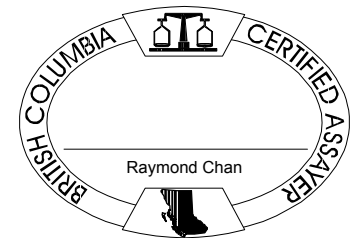
Invoice To: Largo Resources Ltd.
 65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5
 Canada

CC: Carl Schulze

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	287	Crush, split & pulverize drill core to 150 mesh		
1DX	296	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
7KP	296	Phosphoric acid leach, ICP-ES analysis	0.5	Completed
8-Fluorine	296	NaOH fusion, analysis by specific ion electrode	0.1	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643518	Drill Core	4.60	319.3	95.5	7.5	107	0.2	19.5	10.6	2744	3.12	2.8	6.7	6.1	8.1	112	0.9	0.3	3.3	91	4.25
643519	Drill Core	4.40	99.7	75.1	3.7	77	0.1	27.4	9.0	1128	1.81	0.9	2.9	2.1	2.8	32	0.5	<0.1	1.4	109	2.04
643520	Drill Core	5.90	87.7	104.4	5.0	112	0.2	22.8	11.2	1228	2.56	0.9	3.9	2.1	2.6	80	1.0	<0.1	1.5	132	2.48
643521	Drill Core	5.80	245.1	124.5	3.7	89	0.2	20.6	10.1	1481	2.29	1.5	8.9	3.8	5.0	90	0.6	0.2	1.0	101	2.66
643522	Drill Core	7.30	914.4	84.4	4.5	82	0.1	18.1	8.4	1848	2.14	1.6	4.1	3.6	3.7	67	1.4	0.2	1.5	79	3.00
643523	Drill Core	4.70	165.0	79.7	17.3	125	0.2	17.2	8.0	4207	3.06	2.4	5.7	2.2	2.1	138	1.1	0.5	5.4	101	5.54
643524	Drill Core	5.10	177.6	6.5	22.1	207	0.2	14.4	6.8	9359	4.90	1.8	8.7	1.5	1.7	90	2.8	0.6	6.0	79	12.57
643525	Drill Core	2.90	257.7	132.2	12.0	111	0.2	21.9	10.8	3061	2.71	1.8	6.1	2.2	4.7	88	1.6	0.2	3.5	89	5.27
643526	Drill Core	2.80	230.9	90.0	10.0	103	0.2	18.8	8.2	4169	3.08	1.4	6.4	2.4	2.7	94	1.2	0.6	2.0	102	6.84
643527	Rock Pulp		614.7	118.9	10.2	82	0.2	15.0	5.7	611	2.26	2.4	2.2	2.6	4.8	133	0.9	0.4	0.7	26	1.15
643528	Drill Core	0.30	0.8	2.4	1.9	<1	<0.1	2.1	0.5	150	0.13	0.9	0.1	<0.5	0.1	71	<0.1	<0.1	<0.1	<2	21.40
643529	Drill Core	3.60	491.6	103.4	20.3	96	0.3	26.0	9.7	2451	2.65	1.5	3.5	3.5	2.4	221	1.5	0.2	1.8	100	4.41
643530	Drill Core	2.00	25.5	33.2	5.4	7	<0.1	4.3	1.7	140	0.35	0.8	32.4	8.8	35.5	54	0.1	0.1	0.3	7	0.61
643531	Drill Core	7.30	297.7	84.6	8.3	69	0.2	20.1	5.5	2908	2.52	1.4	7.0	2.5	3.4	47	0.9	0.3	0.7	74	4.23
643532	Drill Core	6.90	883.1	122.7	35.9	153	0.6	20.7	11.1	7794	4.76	4.2	8.9	3.6	3.7	94	2.5	0.7	3.4	102	10.26
643533	Drill Core	5.00	295.8	6.6	35.3	157	0.5	18.0	4.5	6451	2.83	2.3	10.7	1.9	2.4	130	2.1	1.0	6.6	100	14.75
643534	Drill Core	7.80	350.0	16.4	41.7	212	1.0	19.9	7.2	9265	5.09	2.0	7.1	4.1	2.6	127	2.7	0.7	25.0	81	14.96
643535	Drill Core	5.40	125.2	69.6	13.0	78	0.2	10.2	4.2	1239	1.35	1.0	4.1	3.8	3.9	97	1.0	0.1	2.8	39	2.56
643536	Drill Core	6.40	152.6	85.8	22.8	82	0.5	11.9	5.3	835	1.26	1.5	2.1	2.3	2.2	74	1.2	0.2	3.9	41	2.13
643537	Drill Core	6.80	184.4	32.0	28.5	141	0.6	7.1	2.6	2157	1.48	1.1	6.1	2.9	4.4	100	3.4	0.2	4.3	33	6.31
643538	Drill Core	6.60	197.5	13.0	3.5	47	<0.1	8.8	2.0	1783	1.04	1.4	5.2	1.5	2.9	104	0.8	0.2	1.2	68	6.10
643539	Drill Core	6.40	216.7	48.8	100.1	447	1.6	14.8	4.7	4960	2.93	1.4	6.4	3.0	2.6	154	9.3	0.3	16.6	101	10.12
643540	Drill Core	6.40	591.7	26.4	16.0	105	0.2	14.2	4.2	2778	1.63	3.5	6.0	2.7	4.6	176	1.6	0.3	1.3	47	6.27
643541	Drill Core	6.20	188.0	9.5	9.4	91	<0.1	10.7	3.6	3967	2.26	1.6	5.5	1.9	2.5	160	0.9	0.4	1.9	58	11.31
RRE 643541	Drill Core		179.5	8.7	10.4	86	<0.1	8.4	3.1	3745	2.07	1.1	5.0	2.0	2.4	151	0.8	0.3	1.8	54	10.85
643542	Drill Core	1.50	286.3	13.4	11.1	13	<0.1	1.9	0.7	254	0.32	<0.5	32.4	7.3	31.6	113	0.4	<0.1	0.7	9	1.66
643543	Drill Core	4.30	98.4	19.1	6.4	63	<0.1	9.3	3.0	2974	1.72	1.4	5.5	2.3	2.7	140	0.9	0.3	1.8	58	10.44
643544	Drill Core	7.00	194.5	34.0	9.3	95	0.2	11.3	4.7	4210	2.94	1.9	15.9	4.8	12.3	85	0.8	0.3	1.9	49	6.91
643545	Drill Core	6.40	146.7	40.3	10.5	86	0.3	8.7	3.3	1872	1.49	1.7	3.8	2.4	2.7	56	1.3	0.2	1.6	45	3.19
643546	Drill Core	6.20	147.2	52.7	10.2	124	0.3	16.7	6.7	2959	2.51	2.2	3.8	2.9	2.7	146	0.8	0.3	2.8	66	5.53



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643518	Drill Core	0.098	11	40	0.90	150	0.167	<20	1.50	0.223	0.25	>100	<0.01	6.9	0.8	0.15	5	1.7	0.038	0.165	1.20
643519	Drill Core	0.100	8	39	0.81	214	0.159	<20	0.83	0.041	0.40	>100	<0.01	4.8	0.9	0.33	3	2.8	0.010	0.046	0.52
643520	Drill Core	0.102	8	38	1.31	446	0.206	<20	1.30	0.140	0.76	>100	<0.01	7.7	1.9	0.51	5	2.9	0.011	0.086	0.95
643521	Drill Core	0.094	9	31	1.18	332	0.193	<20	1.20	0.161	0.44	>100	<0.01	7.5	1.0	0.36	5	2.4	0.027	0.090	1.04
643522	Drill Core	0.130	10	27	0.81	126	0.149	<20	0.76	0.068	0.18	>100	<0.01	4.9	0.5	0.42	4	2.2	0.095	0.178	0.74
643523	Drill Core	0.129	15	35	1.10	158	0.174	<20	1.52	0.180	0.21	>100	<0.01	6.1	0.4	0.19	6	1.8	0.018	0.085	1.41
643524	Drill Core	0.173	16	34	1.09	2	0.053	<20	1.24	0.024	<0.01	>100	<0.01	2.7	<0.1	<0.05	8	<0.5	0.018	0.268	2.52
643525	Drill Core	0.121	10	32	1.11	281	0.156	<20	1.17	0.141	0.37	>100	<0.01	5.5	0.8	0.78	5	3.8	0.031	0.063	1.19
643526	Drill Core	0.129	13	36	1.18	257	0.165	24	1.39	0.099	0.30	>100	<0.01	6.1	0.6	0.44	7	2.4	0.026	0.123	1.42
643527	Rock Pulp	0.077	19	18	0.46	128	0.021	<20	0.73	0.042	0.29	1.0	<0.01	3.1	0.3	0.28	3	<0.5	0.069	<0.005	0.12
643528	Drill Core	0.005	<1	2	10.98	2	<0.001	<20	0.03	0.265	0.04	1.3	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643529	Drill Core	0.098	11	37	0.92	255	0.184	<20	1.38	0.235	0.29	>100	<0.01	7.4	0.6	0.61	6	3.8	0.055	0.094	1.18
643530	Drill Core	0.008	15	10	0.10	31	0.046	<20	0.35	0.114	0.11	71.6	<0.01	2.4	<0.1	0.09	1	0.8	0.003	0.010	0.25
643531	Drill Core	0.133	13	31	0.33	10	0.092	<20	0.77	0.035	0.01	>100	<0.01	2.2	<0.1	0.32	4	1.8	0.034	0.120	0.71
643532	Drill Core	0.186	17	58	0.84	6	0.070	31	1.27	0.061	0.01	>100	<0.01	3.7	<0.1	0.49	8	1.5	0.107	0.449	2.06
643533	Drill Core	0.204	20	42	0.89	3	0.073	30	1.37	0.030	0.01	>100	<0.01	3.4	<0.1	<0.05	7	0.7	0.031	0.158	2.11
643534	Drill Core	0.189	18	48	1.07	11	0.076	<20	1.46	0.057	0.02	>100	<0.01	3.6	0.1	0.12	9	0.6	0.039	0.243	3.16
643535	Drill Core	0.091	13	20	0.51	64	0.115	<20	0.81	0.146	0.11	>100	<0.01	3.5	0.2	0.35	4	1.5	0.015	0.054	0.75
643536	Drill Core	0.074	11	24	0.44	62	0.126	<20	0.54	0.099	0.07	>100	<0.01	3.3	0.1	0.47	3	2.6	0.018	0.032	0.57
643537	Drill Core	0.099	14	20	0.30	26	0.076	27	0.90	0.052	0.03	>100	<0.01	2.1	<0.1	0.10	4	0.6	0.021	0.053	0.70
643538	Drill Core	0.146	16	27	0.36	35	0.069	25	0.76	0.039	0.02	>100	<0.01	1.7	<0.1	0.05	3	0.9	0.024	0.066	0.66
643539	Drill Core	0.167	18	43	0.74	36	0.080	<20	1.37	0.078	0.02	>100	<0.01	2.8	<0.1	0.08	7	0.7	0.023	0.178	1.53
643540	Drill Core	0.115	16	27	0.62	36	0.108	<20	0.79	0.062	0.03	>100	<0.01	3.0	<0.1	0.12	4	1.9	0.060	0.077	0.90
643541	Drill Core	0.149	18	28	0.53	44	0.088	27	1.19	0.043	0.04	>100	<0.01	2.8	0.1	<0.05	6	<0.5	0.019	0.106	1.18
RRE 643541	Drill Core	0.142	17	25	0.51	43	0.084	29	1.06	0.043	0.04	>100	<0.01	2.7	0.1	<0.05	5	<0.5	0.019	0.104	1.19
643542	Drill Core	0.007	23	9	0.10	201	0.036	<20	1.32	0.482	0.68	44.4	<0.01	3.7	0.9	0.06	5	0.6	0.033	0.009	1.13
643543	Drill Core	0.173	20	27	0.35	37	0.071	39	0.94	0.039	0.02	>100	<0.01	2.2	<0.1	<0.05	4	<0.5	0.013	0.107	1.03
643544	Drill Core	0.106	19	31	0.59	29	0.079	<20	1.12	0.059	0.06	>100	<0.01	3.0	0.1	0.11	6	0.8	0.022	0.107	1.26
643545	Drill Core	0.188	15	22	0.29	17	0.093	<20	0.59	0.067	0.02	>100	<0.01	2.1	<0.1	0.20	3	0.8	0.017	0.105	0.56
643546	Drill Core	0.123	14	40	0.84	31	0.134	<20	1.13	0.136	0.04	>100	<0.01	4.5	<0.1	0.32	5	1.4	0.016	0.109	1.21

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643547	Drill Core	7.50	260.0	70.7	6.4	55	0.2	16.0	4.6	828	1.30	1.9	3.3	2.4	3.9	48	0.5	0.2	0.7	40	1.89
643548	Drill Core	6.40	241.7	77.5	12.2	68	0.2	20.4	5.9	840	1.48	2.2	3.5	0.8	3.8	55	0.6	0.2	3.0	62	2.51
643549	Drill Core	7.10	202.1	131.8	24.2	138	0.6	23.5	6.7	1619	2.23	4.3	3.4	2.8	4.2	84	2.1	0.4	6.0	68	3.57
643550	Drill Core	5.80	317.9	107.1	90.1	301	1.3	24.0	7.7	2098	2.55	17.1	4.2	3.2	4.8	154	4.3	1.6	4.9	67	5.62
643551	Drill Core	6.40	700.0	80.1	29.6	219	0.8	25.0	6.2	1979	1.87	6.8	11.0	3.6	9.3	206	3.1	0.6	2.8	80	4.79
643552	Drill Core	6.50	820.7	80.9	13.4	135	0.3	28.7	7.1	1734	1.89	9.6	6.0	5.2	5.7	129	1.8	0.5	3.5	101	4.19
643553	Drill Core	6.40	354.6	55.9	7.6	99	0.1	25.2	5.3	1283	1.48	1.7	7.1	4.4	5.8	207	0.9	0.5	1.2	102	4.07
643554	Drill Core	7.30	273.4	27.7	7.7	118	0.1	32.5	5.7	3622	2.47	2.4	26.1	3.2	6.4	90	1.1	1.1	2.9	197	7.50
643555	Drill Core	7.60	323.8	109.8	39.2	275	0.8	42.9	6.1	3477	2.86	2.1	20.4	4.3	5.3	113	5.4	0.6	5.7	324	7.25
643556	Drill Core	7.40	193.0	65.5	59.2	201	1.0	51.7	6.0	1640	1.89	1.9	11.2	2.9	5.5	102	3.6	0.5	5.8	365	4.62
643557	Drill Core	7.50	219.8	101.5	20.4	232	0.6	58.3	7.4	2421	2.47	4.5	15.1	4.0	5.1	132	4.7	0.7	7.4	292	6.11
643558	Drill Core	6.30	181.4	93.0	30.5	123	0.4	45.8	7.3	1912	2.49	11.3	11.9	2.3	5.2	174	1.5	1.0	2.5	285	5.24
643559	Drill Core	2.70	163.6	71.4	26.7	120	0.3	47.7	6.7	1984	2.40	9.0	12.4	2.8	5.0	146	1.3	0.8	1.9	283	5.07
643560	Rock Pulp		12.9	4588	3.8	54	2.0	112.0	82.0	720	27.44	5.8	2.1	441.1	2.1	58	0.3	0.3	771.5	10	3.34
643561	Drill Core	0.40	0.4	4.2	1.7	<1	<0.1	0.6	0.6	155	0.11	1.1	0.1	0.8	0.1	58	<0.1	<0.1	0.2	3	22.50
643562	Drill Core	6.40	240.1	73.3	23.0	202	0.4	46.5	8.6	2532	2.45	6.1	19.6	1.9	9.5	195	2.5	0.7	3.1	159	5.46
643563	Drill Core	6.70	461.5	78.8	26.7	168	0.3	48.2	9.0	3575	3.18	3.3	32.0	4.6	7.7	100	1.6	0.8	2.9	222	7.38
643564	Drill Core	6.30	223.3	97.5	13.6	123	0.3	50.6	7.3	1553	2.12	3.9	10.6	3.5	7.0	174	1.7	0.4	2.2	231	4.56
643565	Drill Core	5.90	284.9	114.7	30.5	140	0.4	59.7	8.9	1502	2.21	11.0	4.6	3.0	5.0	125	1.7	1.2	4.2	132	4.07
643566	Drill Core	7.20	699.3	112.3	23.8	82	0.5	35.7	8.6	601	1.64	1.3	3.4	3.5	5.8	93	1.6	0.2	4.4	82	1.68
643567	Drill Core	8.90	276.1	155.5	46.7	212	0.7	36.1	7.6	1781	2.38	5.4	5.6	4.3	5.4	189	3.7	0.9	6.1	109	5.04
643568	Drill Core	7.80	92.4	83.7	9.9	127	0.3	26.3	6.4	1396	1.80	1.6	4.7	4.4	5.7	144	1.2	0.2	4.5	92	4.10
643569	Drill Core	7.10	251.8	78.7	6.7	115	0.2	17.8	6.0	1765	2.07	1.4	6.1	6.3	6.7	109	0.6	0.3	1.5	65	4.71
643570	Drill Core	5.60	186.3	80.1	16.7	121	0.4	23.5	6.9	1123	1.96	1.2	3.8	3.7	5.9	102	1.6	0.3	7.8	76	3.31
RRE 643570	Drill Core		184.1	84.1	18.2	115	0.5	24.3	7.5	1126	2.11	1.3	4.2	4.3	6.1	114	1.3	0.4	7.7	77	3.36
643571	Drill Core	7.20	154.5	83.4	8.4	91	0.2	22.5	6.0	1370	1.94	1.1	2.8	3.4	5.4	57	0.5	0.1	4.2	65	3.24
643572	Drill Core	6.40	205.2	64.7	24.5	85	0.7	17.6	4.8	674	1.27	0.8	8.3	4.4	11.4	60	0.9	0.2	19.2	58	2.22
643573	Drill Core	7.30	123.0	64.1	4.9	123	0.1	20.9	5.1	1039	1.55	0.9	3.6	3.4	5.8	78	1.0	0.1	2.1	74	3.33
643574	Drill Core	7.00	166.0	144.6	29.5	531	1.0	22.7	6.1	922	1.62	1.4	4.7	4.0	6.2	85	15.3	0.3	21.7	61	2.38
643575	Drill Core	5.00	85.8	78.0	17.6	175	0.4	18.5	4.9	666	1.15	7.9	1.6	10.8	3.3	94	4.1	1.0	3.7	47	2.88



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine F % 0.01	
643547	Drill Core	0.091	13	25	0.43	11	0.106	<20	0.44	0.052	0.02	>100	<0.01	2.2	<0.1	0.44	2	2.3	0.029	0.082	0.41
643548	Drill Core	0.141	16	35	0.38	33	0.124	<20	0.63	0.049	0.03	>100	<0.01	2.3	<0.1	0.49	3	2.8	0.027	0.041	0.24
643549	Drill Core	0.124	19	40	0.85	75	0.149	<20	0.88	0.111	0.08	>100	<0.01	4.4	0.1	0.83	4	2.6	0.022	0.074	0.87
643550	Drill Core	0.097	22	39	0.80	159	0.067	<20	1.91	0.050	0.16	>100	<0.01	4.6	0.4	0.97	7	2.6	0.033	0.066	0.99
643551	Drill Core	0.104	20	41	0.73	160	0.077	<20	1.41	0.035	0.07	>100	<0.01	4.2	0.1	0.53	5	1.9	0.070	0.057	0.75
643552	Drill Core	0.128	18	44	0.71	54	0.139	<20	1.05	0.045	0.05	>100	<0.01	3.7	<0.1	0.48	5	2.7	0.091	0.053	0.63
643553	Drill Core	0.114	20	39	0.46	73	0.136	<20	0.96	0.074	0.04	>100	<0.01	2.5	<0.1	0.32	4	1.5	0.037	0.044	0.54
643554	Drill Core	0.160	22	38	0.46	38	0.119	<20	1.70	0.039	0.03	>100	<0.01	3.1	<0.1	0.15	8	1.1	0.028	0.083	0.97
643555	Drill Core	0.146	21	48	0.56	118	0.129	<20	1.72	0.091	0.07	>100	<0.01	3.6	<0.1	0.35	8	1.3	0.034	0.113	1.20
643556	Drill Core	0.122	18	51	0.39	42	0.131	<20	1.07	0.046	0.03	>100	<0.01	3.2	<0.1	0.36	5	1.9	0.020	0.045	0.68
643557	Drill Core	0.140	20	52	0.55	76	0.114	<20	1.30	0.069	0.11	>100	<0.01	3.6	0.2	0.44	6	1.6	0.024	0.071	1.04
643558	Drill Core	0.130	18	42	0.51	65	0.110	<20	1.39	0.030	0.05	>100	<0.01	3.6	<0.1	0.60	6	2.8	0.021	0.055	0.56
643559	Drill Core	0.124	18	45	0.48	56	0.104	<20	1.32	0.028	0.04	>100	<0.01	3.4	<0.1	0.50	6	2.5	0.018	0.044	0.58
643560	Rock Pulp	0.051	10	23	1.09	14	0.023	<20	1.09	0.040	0.17	>100	<0.01	0.8	0.1	>10	9	14.8	0.001	1.040	0.15
643561	Drill Core	0.005	<1	2	12.96	2	<0.001	<20	0.03	0.467	0.05	3.9	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643562	Drill Core	0.108	18	41	0.77	43	0.081	<20	1.68	0.026	0.03	>100	<0.01	4.2	<0.1	0.48	7	2.6	0.027	0.013	0.24
643563	Drill Core	0.144	21	39	0.64	48	0.129	<20	1.61	0.081	0.05	>100	<0.01	4.2	<0.1	0.49	8	2.2	0.049	0.088	1.15
643564	Drill Core	0.113	20	46	0.60	119	0.143	<20	1.65	0.157	0.10	>100	<0.01	3.6	<0.1	0.67	7	3.6	0.026	0.074	0.80
643565	Drill Core	0.090	16	33	0.80	39	0.118	<20	2.07	0.038	0.04	>100	<0.01	2.8	0.2	0.83	9	4.9	0.033	0.028	0.44
643566	Drill Core	0.099	17	46	0.80	162	0.164	<20	0.93	0.072	0.28	>100	<0.01	3.9	0.5	0.81	5	4.7	0.076	0.027	0.43
643567	Drill Core	0.119	20	43	0.77	260	0.127	<20	1.95	0.251	0.18	>100	<0.01	4.3	0.2	1.00	8	3.7	0.031	0.105	0.97
643568	Drill Core	0.132	21	44	0.66	112	0.139	<20	1.25	0.235	0.09	>100	<0.01	3.7	0.1	0.54	5	2.2	0.011	0.079	0.91
643569	Drill Core	0.097	17	38	0.98	82	0.132	<20	1.04	0.201	0.10	>100	<0.01	3.8	0.2	0.61	5	2.2	0.027	0.155	1.10
643570	Drill Core	0.112	20	35	0.90	223	0.152	<20	1.36	0.262	0.33	>100	<0.01	4.4	0.8	0.92	6	3.1	0.022	0.101	12.10
RRE 643570	Drill Core	0.116	20	36	0.92	280	0.155	<20	1.51	0.303	0.39	>100	<0.01	4.5	0.8	1.09	6	3.4	0.021	0.115	11.50
643571	Drill Core	0.073	16	35	1.29	77	0.143	<20	0.76	0.082	0.15	>100	<0.01	3.2	0.3	0.59	4	3.3	0.018	0.035	0.94
643572	Drill Core	0.095	19	39	0.53	53	0.134	<20	0.56	0.097	0.08	>100	<0.01	2.9	0.2	0.44	3	2.1	0.020	0.053	0.53
643573	Drill Core	0.115	19	42	0.69	42	0.131	<20	0.68	0.090	0.06	>100	<0.01	3.1	0.2	0.43	3	1.6	0.013	0.062	0.74
643574	Drill Core	0.093	17	43	0.78	142	0.144	<20	1.05	0.201	0.20	>100	<0.01	4.0	0.4	0.70	5	3.1	0.019	0.054	0.78
643575	Drill Core	0.058	12	25	0.48	34	0.093	<20	1.75	0.044	0.05	10.8	<0.01	2.6	0.4	0.47	6	2.1	0.015	<0.005	0.14



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 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Largo Resources Ltd.**

65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643576	Drill Core	6.10	134.0	121.7	10.2	79	0.3	37.2	8.0	622	1.68	6.9	1.8	1.3	3.2	66	1.1	0.8	2.8	81	2.16
643577	Drill Core	5.60	141.4	84.8	25.9	136	0.7	19.0	4.9	1242	1.59	1.1	6.5	3.4	7.1	126	1.9	0.2	5.8	60	3.71
643578	Drill Core	7.20	285.1	133.4	3.5	105	0.2	22.5	7.8	2214	2.53	0.8	3.0	5.4	5.0	109	0.4	0.1	2.1	51	3.16
643579	Drill Core	6.70	244.8	118.6	10.9	86	0.3	22.4	6.5	924	1.69	1.6	2.8	4.6	6.0	60	0.8	0.2	3.1	56	1.97
643580	Drill Core	6.00	100.0	76.3	19.9	99	0.4	16.4	5.0	1017	1.45	1.1	6.0	3.7	10.2	46	1.3	0.2	3.8	45	2.03
643581	Drill Core	6.90	167.9	120.5	15.2	118	0.4	18.7	6.1	1274	1.93	1.0	3.0	5.3	5.9	117	1.6	0.3	4.1	59	2.72
643582	Drill Core	6.60	382.0	186.3	31.2	181	0.8	18.7	7.1	1254	2.22	1.2	3.9	10.4	6.4	180	3.2	0.2	14.2	62	3.78
643583	Drill Core	6.70	232.5	91.8	12.1	64	0.3	21.4	5.1	684	1.41	0.8	2.7	3.0	5.9	35	0.5	0.1	6.3	60	1.51
643584	Drill Core	4.20	325.7	100.5	37.5	80	1.0	19.0	6.0	1368	1.73	2.9	2.8	4.1	5.2	55	0.7	0.6	32.1	41	3.08
643585	Drill Core	4.20	177.6	209.9	23.9	72	1.3	8.3	4.8	1283	1.90	4.6	33.9	8.7	30.8	79	1.0	0.5	8.3	14	2.94
643586	Drill Core	6.00	208.7	109.0	14.4	119	0.3	21.7	6.6	1171	1.98	1.5	3.0	3.7	4.9	47	2.4	0.2	2.0	56	2.20
643587	Drill Core	6.50	433.3	123.8	33.0	172	0.7	21.5	6.8	2129	2.49	2.4	3.0	3.0	4.5	106	2.4	0.6	3.2	61	4.14
643588	Drill Core	7.90	179.2	121.4	94.4	245	2.1	16.4	4.9	1781	1.83	2.2	9.4	3.7	14.3	133	5.0	0.7	8.2	43	4.77
643589	Drill Core	6.00	42.8	48.4	9.6	30	0.2	3.9	1.5	251	0.66	0.7	30.4	5.9	42.4	43	0.5	<0.1	0.7	10	0.69
643590	Drill Core	5.10	255.5	106.0	47.0	179	0.8	21.5	5.0	1673	1.95	1.4	4.3	4.7	5.5	80	2.6	0.2	2.7	72	3.01
643591	Drill Core	7.70	1440	169.9	82.0	275	1.5	26.6	7.2	1735	2.44	1.5	3.9	5.3	5.7	148	4.5	0.3	12.8	79	4.09
643592	Drill Core	3.40	468.7	189.1	65.9	311	1.5	28.3	7.6	1873	2.72	1.5	4.1	6.7	5.4	139	5.3	0.5	15.4	86	4.26
643593	Rock Pulp		652.1	121.1	10.1	83	0.2	15.4	5.4	663	2.38	2.5	2.4	2.9	5.4	149	0.4	0.2	0.6	27	1.26
643594	Drill Core	0.30	4.7	2.6	2.4	2	<0.1	0.6	0.4	180	0.13	0.6	0.1	<0.5	0.2	74	<0.1	<0.1	<0.1	<2	23.10
643595	Drill Core	6.20	179.8	119.1	15.9	121	0.5	24.8	5.5	736	1.58	1.4	7.9	6.4	7.6	43	2.2	0.2	3.1	66	1.31
643596	Drill Core	6.60	386.6	184.0	18.6	151	0.7	29.5	7.2	1779	2.46	1.8	3.3	6.1	5.0	70	2.3	0.5	4.3	69	2.95
643597	Drill Core	6.50	83.1	74.1	56.6	24	2.0	3.9	1.6	304	0.93	7.7	44.7	4.7	22.7	26	0.5	0.4	26.3	6	0.87
643598	Drill Core	5.80	500.8	220.1	82.1	237	1.6	22.6	6.4	2790	3.16	12.2	3.8	5.0	5.0	178	3.1	1.7	8.3	57	5.57
643599	Drill Core	5.40	283.4	155.4	37.2	128	1.3	15.3	6.2	1839	2.21	7.0	15.5	5.9	10.5	130	1.2	1.7	12.9	40	4.95
643600	Drill Core	7.10	244.4	135.3	11.1	133	0.6	16.8	5.9	2017	2.31	2.5	12.9	6.2	11.2	182	1.4	0.4	4.4	54	4.11
643601	Drill Core	10.10	198.4	98.0	17.7	134	0.6	22.4	4.3	1231	1.79	2.9	10.6	4.1	13.0	99	1.0	0.4	2.4	66	2.86
643602	Drill Core	8.30	163.4	91.0	37.4	362	0.7	24.9	6.5	1905	2.36	7.8	5.4	3.2	8.1	167	6.3	0.9	3.1	66	4.40
643603	Drill Core	9.10	213.0	147.0	21.9	186	0.5	25.5	7.1	1777	2.58	3.0	4.2	9.0	6.2	144	2.2	0.5	6.2	73	4.32
643604	Drill Core	4.40	165.6	66.8	20.0	51	0.3	3.3	2.2	404	0.96	6.4	31.4	5.1	34.3	24	0.9	1.3	1.0	6	0.69
643605	Drill Core	7.30	459.1	139.5	14.6	255	0.5	14.3	5.9	5833	3.91	11.0	5.0	4.5	4.7	115	2.3	2.2	3.1	34	8.26



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine F % 0.01	
643576	Drill Core	0.059	11	42	0.60	30	0.089	<20	1.46	0.030	0.04	32.7	<0.01	3.9	0.3	0.88	6	4.8	0.016	0.008	0.12
643577	Drill Core	0.079	16	32	0.62	130	0.103	<20	1.48	0.093	0.10	>100	<0.01	3.5	0.2	0.59	6	1.9	0.017	0.074	0.59
643578	Drill Core	0.118	20	31	0.90	53	0.127	<20	0.63	0.070	0.10	>100	<0.01	2.6	0.2	0.90	4	4.5	0.033	0.206	0.61
643579	Drill Core	0.093	20	35	0.75	49	0.144	<20	0.73	0.046	0.08	>100	<0.01	2.9	0.1	0.78	4	4.1	0.028	0.090	0.44
643580	Drill Core	0.096	22	33	0.71	100	0.142	<20	0.85	0.076	0.16	>100	<0.01	3.2	0.3	0.52	4	1.8	0.012	0.047	0.48
643581	Drill Core	0.092	20	35	0.87	137	0.145	<20	0.99	0.200	0.18	>100	<0.01	3.9	0.4	0.83	4	2.9	0.021	0.112	0.84
643582	Drill Core	0.108	21	34	0.77	292	0.148	<20	1.93	0.318	0.24	>100	<0.01	3.7	0.5	1.02	8	3.4	0.044	0.147	1.11
643583	Drill Core	0.072	17	35	0.88	134	0.141	<20	0.62	0.051	0.20	>100	<0.01	3.2	0.5	0.56	4	2.7	0.024	0.045	0.43
643584	Drill Core	0.109	18	28	0.84	167	0.078	<20	1.16	0.024	0.27	>100	<0.01	3.2	0.5	0.61	4	2.8	0.039	0.224	0.52
643585	Drill Core	0.020	21	11	0.48	98	0.010	<20	0.87	0.035	0.18	>100	<0.01	2.5	0.3	0.99	4	2.0	0.022	0.094	0.49
643586	Drill Core	0.096	17	31	0.73	161	0.105	<20	0.94	0.058	0.21	>100	<0.01	3.7	0.5	0.79	4	3.8	0.025	0.095	0.49
643587	Drill Core	0.084	17	36	0.79	172	0.070	<20	1.46	0.126	0.14	>100	<0.01	4.8	0.4	1.09	6	3.9	0.050	0.197	1.04
643588	Drill Core	0.079	25	25	0.53	134	0.045	<20	1.10	0.035	0.19	>100	<0.01	3.2	0.4	0.72	4	3.1	0.020	0.089	0.72
643589	Drill Core	0.017	19	14	0.13	64	0.027	<20	0.38	0.047	0.10	>100	<0.01	2.1	0.2	0.30	2	0.8	0.005	0.034	0.20
643590	Drill Core	0.124	21	36	0.70	52	0.116	<20	0.57	0.114	0.09	>100	<0.01	3.9	0.2	0.66	3	2.4	0.028	0.105	0.79
643591	Drill Core	0.113	23	45	1.00	157	0.126	<20	1.43	0.376	0.26	>100	<0.01	5.4	0.8	1.22	6	5.0	0.147	0.440	1.30
643592	Drill Core	0.112	21	45	1.05	110	0.130	<20	1.28	0.310	0.20	>100	<0.01	4.9	0.7	1.45	6	4.6	0.050	0.292	1.40
643593	Rock Pulp	0.085	21	18	0.48	144	0.017	<20	0.79	0.039	0.33	2.0	0.01	3.1	0.3	0.29	3	0.5	0.070	<0.005	0.12
643594	Drill Core	0.005	1	2	12.16	2	<0.001	<20	0.03	0.022	0.02	10.8	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
643595	Drill Core	0.058	17	36	0.56	107	0.130	<20	0.55	0.099	0.21	>100	<0.01	5.4	0.5	0.81	3	4.0	0.018	0.073	0.44
643596	Drill Core	0.123	23	43	0.67	61	0.128	<20	0.71	0.117	0.13	>100	<0.01	4.5	0.3	1.04	4	3.9	0.041	0.191	0.70
643597	Drill Core	0.007	13	8	0.13	28	0.002	<20	0.61	0.026	0.08	>100	<0.01	2.1	0.2	0.57	2	1.3	0.009	0.040	0.18
643598	Drill Core	0.092	23	35	0.92	203	0.004	<20	2.05	0.023	0.18	>100	<0.01	5.5	0.6	1.08	9	2.8	0.054	0.309	1.00
643599	Drill Core	0.116	22	22	0.47	154	0.031	<20	1.92	0.060	0.23	>100	<0.01	4.1	0.8	0.91	7	1.8	0.030	0.225	1.15
643600	Drill Core	0.115	22	32	0.63	230	0.072	<20	1.27	0.216	0.23	>100	<0.01	4.0	0.5	0.74	5	1.8	0.030	0.163	0.93
643601	Drill Core	0.091	24	41	0.59	95	0.068	<20	0.97	0.116	0.16	>100	<0.01	4.2	0.4	0.54	5	1.2	0.022	0.110	0.78
643602	Drill Core	0.131	25	39	0.76	206	0.037	<20	1.45	0.034	0.34	>100	<0.01	5.1	1.1	0.93	6	2.1	0.017	0.061	0.59
643603	Drill Core	0.145	24	41	0.82	325	0.129	<20	1.56	0.356	0.31	>100	<0.01	8.2	0.9	0.88	7	2.7	0.022	0.278	1.20
643604	Drill Core	0.019	24	11	0.19	41	0.012	<20	0.50	0.037	0.14	>100	<0.01	2.6	0.4	0.47	2	1.0	0.015	0.058	0.20
643605	Drill Core	0.060	10	10	2.22	100	0.024	<20	1.44	0.120	0.39	>100	<0.01	4.9	1.4	0.90	8	1.6	0.053	0.299	1.32



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643606	Drill Core	6.00	288.2	234.6	58.9	1044	1.7	20.9	6.7	2208	3.79	45.9	4.9	6.1	5.3	90	20.5	3.1	13.7	23	4.60
643607	Drill Core	6.60	185.5	43.5	26.2	27	0.4	0.9	0.7	242	0.70	5.5	39.4	2.7	37.2	13	0.5	0.5	6.0	<2	0.43
RRE 643607	Drill Core		188.4	46.9	28.2	30	0.4	0.7	0.7	243	0.72	5.8	39.5	3.6	37.2	13	0.6	0.5	7.6	<2	0.44
643608	Drill Core	6.30	412.6	72.4	38.3	10	1.0	0.9	1.2	176	0.75	5.2	35.2	2.3	32.9	16	0.3	0.5	18.3	<2	0.29
643609	Drill Core	6.00	320.0	49.7	16.5	9	0.3	0.4	0.8	208	0.61	4.9	43.2	4.2	39.1	21	<0.1	0.5	1.6	<2	0.44
643610	Drill Core	6.00	208.5	39.1	58.2	5	1.3	1.1	0.9	144	0.46	2.6	36.4	1.7	28.5	14	0.2	0.4	39.6	<2	0.36
643611	Drill Core	5.50	66.5	46.2	63.4	7	1.1	0.6	1.0	144	0.56	4.9	40.7	4.2	34.3	15	0.2	0.4	47.2	<2	0.33
643612	Drill Core	5.90	118.8	75.8	37.4	118	0.7	0.6	2.2	200	1.01	11.3	48.0	5.2	40.0	22	1.7	0.5	6.0	<2	0.46
643613	Drill Core	6.20	388.1	55.9	18.0	10	0.4	0.9	1.1	171	0.77	2.1	38.9	3.4	41.5	9	0.3	0.2	6.6	2	0.34
643614	Drill Core	5.70	173.8	37.1	9.0	8	0.2	0.9	0.6	90	0.46	<0.5	25.6	2.8	19.2	3	<0.1	<0.1	0.6	<2	0.12
643615	Drill Core	6.80	82.9	28.4	22.8	16	0.2	0.5	0.8	137	0.58	<0.5	22.9	1.3	17.1	2	0.3	0.3	37.8	<2	0.13
643616	Drill Core	5.20	113.1	45.2	12.7	9	0.2	0.8	1.0	145	0.70	0.7	40.1	1.3	24.8	5	<0.1	0.1	1.8	<2	0.17
643617	Drill Core	6.80	402.4	44.4	13.0	9	0.1	0.9	0.9	146	0.77	0.6	38.8	1.6	34.4	4	<0.1	<0.1	1.1	3	0.21
643618	Drill Core	6.00	110.0	46.3	16.0	7	0.3	0.9	1.0	149	0.63	1.7	40.6	1.8	36.2	7	<0.1	0.1	3.1	<2	0.33
643619	Drill Core	6.10	200.2	67.6	25.3	10	1.0	0.5	1.0	140	0.56	1.0	37.4	2.7	33.4	10	0.1	0.2	21.0	<2	0.28
643620	Drill Core	5.40	98.2	72.2	15.6	14	0.2	0.6	1.7	154	0.82	1.9	34.5	1.9	36.1	27	0.2	0.2	4.2	<2	0.44
643621	Drill Core	7.50	312.3	134.7	78.1	257	1.4	30.8	5.9	2359	2.34	1.6	5.0	4.1	4.2	152	4.5	0.3	15.5	185	6.89
643622	Drill Core	6.60	229.1	105.0	17.5	133	0.5	27.2	5.2	1972	2.09	1.2	6.6	5.8	5.0	76	1.3	0.1	2.7	151	5.52
643623	Drill Core	6.20	156.1	120.9	28.4	153	1.0	22.6	5.2	1078	1.71	0.9	23.0	12.1	12.7	92	2.4	0.2	15.2	112	3.68
643624	Drill Core	3.00	411.1	90.9	12.4	112	0.3	30.6	8.0	2233	2.33	1.1	5.6	3.9	4.8	52	0.9	0.2	1.2	116	4.46
643625	Drill Core	3.30	251.9	104.1	38.9	128	0.9	29.4	7.8	2097	2.51	1.2	5.2	4.0	4.9	54	1.3	0.2	17.1	118	4.33
643626	Rock Pulp		12.1	4528	4.3	53	2.1	117.4	71.8	659	26.23	6.0	2.1	487.8	2.0	54	0.3	0.2	890.7	6	2.82
643627	Drill Core	0.10	1.0	5.3	1.8	1	<0.1	0.8	0.4	146	0.11	0.7	0.1	<0.5	0.1	60	<0.1	<0.1	0.3	3	22.69
643628	Drill Core	6.40	401.9	123.8	16.7	51	0.7	41.3	9.1	539	1.88	1.4	5.2	2.8	5.8	23	0.6	0.2	31.8	76	1.06
643629	Drill Core	5.50	250.1	143.7	9.5	71	0.3	31.2	7.8	770	1.76	1.3	2.1	3.1	3.7	42	0.6	0.3	4.2	66	1.66
643630	Drill Core	6.60	159.7	108.4	10.9	55	0.3	13.5	4.0	370	1.12	0.6	21.6	7.9	21.2	24	1.0	<0.1	1.7	28	0.64
643631	Drill Core	6.60	144.6	132.4	14.2	154	0.4	32.0	6.3	840	1.66	1.2	5.9	4.2	6.4	45	2.6	0.2	2.2	81	1.64
643632	Drill Core	6.60	215.6	151.6	12.6	141	0.4	40.2	8.3	794	1.73	1.3	3.5	4.1	4.4	43	2.4	0.1	2.7	117	1.78
643633	Drill Core	6.70	291.2	144.4	9.5	86	0.6	34.1	7.3	853	1.70	1.9	3.5	4.6	3.9	46	0.9	0.3	7.4	116	1.79
643634	Drill Core	4.40	155.1	80.4	22.9	49	0.7	2.7	1.6	277	0.80	5.0	33.0	2.7	37.9	17	1.1	0.3	8.0	2	0.50



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643606	Drill Core	0.094	18	16	0.65	55	0.003	<20	1.92	0.006	0.33	>100	<0.01	5.1	0.9	1.81	6	3.3	0.034	0.131	0.82
643607	Drill Core	0.002	19	5	0.09	21	0.001	<20	0.39	0.027	0.12	>100	<0.01	1.3	0.2	0.29	2	0.7	0.020	0.021	0.08
RRE 643607	Drill Core	0.002	21	6	0.09	21	0.001	<20	0.41	0.029	0.13	>100	<0.01	1.5	0.2	0.32	1	0.6	0.020	0.021	0.08
643608	Drill Core	0.003	20	9	0.06	22	0.001	<20	0.31	0.035	0.12	>100	<0.01	1.2	0.3	0.46	1	0.7	0.042	0.098	0.05
643609	Drill Core	0.002	20	6	0.06	17	0.002	<20	0.38	0.028	0.10	>100	<0.01	1.5	0.2	0.35	1	0.8	0.037	0.019	0.08
643610	Drill Core	0.002	18	13	0.03	10	0.002	<20	0.24	0.041	0.13	>100	<0.01	1.5	0.2	0.22	1	1.0	0.022	0.035	0.04
643611	Drill Core	0.002	21	8	0.02	7	0.002	<20	0.22	0.036	0.11	>100	<0.01	1.3	0.2	0.34	1	1.1	0.007	0.018	0.05
643612	Drill Core	0.002	23	12	0.03	10	0.002	<20	0.34	0.033	0.14	>100	<0.01	1.3	0.3	0.67	1	1.2	0.012	0.032	0.04
643613	Drill Core	0.002	18	11	0.03	6	0.004	<20	0.23	0.041	0.12	>100	<0.01	1.7	0.2	0.40	1	1.1	0.044	0.043	0.04
643614	Drill Core	0.002	8	6	0.02	3	0.005	<20	0.16	0.041	0.11	>100	<0.01	1.2	0.1	0.17	<1	<0.5	0.019	0.016	0.02
643615	Drill Core	0.002	7	6	0.03	2	0.006	<20	0.18	0.040	0.11	>100	<0.01	1.2	0.1	0.21	<1	0.6	0.009	0.028	0.03
643616	Drill Core	<0.001	10	4	0.03	3	0.003	<20	0.21	0.038	0.10	>100	<0.01	1.2	0.1	0.29	1	0.6	0.012	0.035	0.03
643617	Drill Core	0.002	18	7	0.02	6	0.004	<20	0.20	0.039	0.11	>100	<0.01	1.7	0.1	0.27	1	1.0	0.048	0.058	0.02
643618	Drill Core	0.002	17	11	0.02	7	0.003	<20	0.21	0.037	0.11	>100	<0.01	1.3	0.1	0.26	1	0.5	0.011	0.033	0.03
643619	Drill Core	0.002	19	8	0.03	5	0.004	<20	0.18	0.037	0.11	>100	<0.01	1.5	0.1	0.23	<1	<0.5	0.022	0.024	0.03
643620	Drill Core	0.003	19	11	0.04	8	0.004	<20	0.29	0.039	0.10	>100	<0.01	1.7	0.2	0.38	1	0.8	0.011	0.062	0.06
643621	Drill Core	0.137	19	46	0.60	35	0.086	<20	1.14	0.029	0.03	>100	<0.01	3.5	<0.1	0.59	6	1.3	0.034	0.138	0.89
643622	Drill Core	0.130	19	45	0.44	39	0.079	<20	0.84	0.036	0.02	>100	<0.01	2.9	<0.1	0.64	4	0.9	0.025	0.158	0.98
643623	Drill Core	0.082	19	37	0.35	82	0.065	<20	0.92	0.177	0.14	>100	<0.01	3.3	0.2	0.65	4	1.3	0.018	0.129	1.09
643624	Drill Core	0.120	19	40	0.93	36	0.091	<20	0.61	0.058	0.05	>100	<0.01	3.3	0.1	0.70	3	2.5	0.044	0.156	0.95
643625	Drill Core	0.120	18	40	0.95	43	0.088	<20	0.62	0.051	0.07	>100	<0.01	3.2	0.2	0.94	3	2.3	0.029	0.107	0.97
643626	Rock Pulp	0.043	8	20	1.02	14	0.013	<20	1.01	0.028	0.16	>100	<0.01	0.6	0.2	9.68	9	14.6	0.001	1.008	0.20
643627	Drill Core	0.009	<1	2	11.51	1	<0.001	<20	0.02	0.020	0.02	5.8	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
643628	Drill Core	0.101	14	43	0.48	92	0.086	<20	0.42	0.042	0.18	>100	<0.01	3.4	0.3	1.22	2	6.8	0.043	0.101	0.35
643629	Drill Core	0.078	14	44	0.54	90	0.100	<20	0.51	0.070	0.14	>100	<0.01	4.5	0.3	0.90	3	6.4	0.029	0.055	0.54
643630	Drill Core	0.030	14	23	0.17	88	0.045	<20	0.42	0.134	0.21	>100	<0.01	3.7	0.3	0.61	2	2.1	0.018	0.076	0.35
643631	Drill Core	0.094	16	40	0.38	100	0.076	<20	0.62	0.188	0.11	>100	<0.01	4.3	0.2	0.77	3	4.5	0.019	0.065	0.65
643632	Drill Core	0.100	17	44	0.38	44	0.105	<20	0.45	0.070	0.05	>100	<0.01	3.8	<0.1	0.86	2	6.4	0.022	0.069	0.44
643633	Drill Core	0.070	16	52	0.38	82	0.084	<20	0.53	0.057	0.10	>100	<0.01	4.0	0.2	0.79	3	4.7	0.032	0.089	0.35
643634	Drill Core	0.004	20	7	0.04	10	0.004	<20	0.34	0.039	0.13	>100	<0.01	1.8	0.3	0.40	2	0.7	0.017	0.030	0.06



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643635	Drill Core	6.80	120.1	57.5	17.6	11	0.3	0.9	1.7	180	0.85	4.4	39.2	2.8	37.3	24	0.1	0.5	5.8	<2	0.42
RRE 643635	Drill Core		116.9	58.0	17.3	11	0.3	1.1	1.7	177	0.89	3.9	36.8	2.3	34.7	23	<0.1	0.5	5.9	<2	0.42
643636	Drill Core	6.40	226.8	74.7	14.5	13	0.4	1.2	1.6	154	0.82	1.0	34.7	3.1	22.5	4	0.2	0.2	8.1	<2	0.14
643637	Drill Core	6.50	132.3	34.3	33.7	10	1.1	1.1	1.4	171	0.91	0.6	41.1	4.1	27.5	5	<0.1	0.3	39.6	<2	0.14
643638	Drill Core	6.50	141.3	37.9	13.7	13	0.2	1.2	1.3	186	0.77	0.9	47.1	4.7	30.9	9	0.2	0.1	1.1	<2	0.13
643639	Drill Core	6.00	679.3	71.0	17.3	10	0.3	0.7	1.7	160	0.66	2.1	48.9	2.5	32.3	16	<0.1	0.1	2.4	<2	0.15
643640	Drill Core	6.40	73.6	31.4	13.6	11	0.2	1.0	1.1	268	0.65	1.4	45.1	3.6	32.1	8	<0.1	0.1	1.3	<2	0.15
643641	Drill Core	6.30	220.0	42.5	14.1	9	0.4	1.1	1.3	222	0.63	2.7	50.4	4.6	32.5	14	0.2	0.1	3.8	<2	0.18
643642	Drill Core	5.70	231.2	23.5	11.3	10	0.1	1.1	1.7	194	0.89	1.1	41.2	6.0	29.6	5	<0.1	<0.1	10.2	<2	0.12
643643	Drill Core	5.90	207.7	25.2	14.2	11	0.1	0.9	0.7	210	0.61	1.8	43.5	3.7	30.6	7	<0.1	<0.1	1.2	<2	0.14
643644	Drill Core	6.30	118.3	42.7	35.5	11	0.4	1.1	1.5	215	0.83	8.7	45.3	19.5	30.3	10	<0.1	0.2	21.6	<2	0.21
643645	Drill Core	5.60	186.6	41.7	20.7	15	0.2	1.3	1.8	201	0.71	5.8	44.6	3.5	29.3	9	<0.1	0.4	4.0	<2	0.19
643646	Drill Core	5.90	174.4	33.1	16.5	9	0.2	0.9	0.8	158	0.57	4.4	40.6	7.8	28.4	16	<0.1	0.2	1.7	<2	0.32
643647	Drill Core	6.20	233.0	43.3	12.8	8	0.1	0.9	1.5	155	0.69	0.7	40.1	2.7	29.0	3	<0.1	<0.1	0.9	<2	0.10
643648	Drill Core	5.80	216.0	55.3	14.2	11	0.1	1.1	1.6	182	0.77	2.5	44.7	3.3	29.8	3	<0.1	0.1	0.3	<2	0.13
643649	Drill Core	6.40	393.9	30.0	13.9	11	<0.1	3.2	1.4	217	0.73	1.5	48.1	2.5	32.4	3	<0.1	<0.1	2.0	<2	0.12
643650	Drill Core	6.30	142.3	27.2	22.5	8	0.1	1.1	1.0	166	0.61	3.2	47.3	3.6	29.6	3	<0.1	<0.1	1.1	<2	0.13
643651	Drill Core	5.50	158.1	37.4	13.9	7	0.1	1.0	1.5	154	0.64	1.4	47.6	3.1	26.8	6	<0.1	0.1	1.1	<2	0.14
643652	Drill Core	5.70	146.8	34.0	24.7	8	0.5	1.2	1.1	159	0.68	3.7	47.0	5.5	31.1	13	<0.1	0.5	14.8	<2	0.18
643653	Drill Core	6.10	121.5	76.7	21.7	11	0.3	1.2	1.5	204	0.74	9.8	50.8	8.5	31.7	24	0.2	0.8	5.7	<2	0.24
643654	Drill Core	5.60	143.8	23.9	22.0	11	0.1	0.9	0.7	195	0.57	4.7	41.6	4.1	31.2	14	<0.1	0.5	23.4	<2	0.15
643655	Drill Core	5.50	206.9	33.0	17.2	10	0.3	1.0	1.5	208	0.65	6.2	43.4	5.3	30.8	32	<0.1	0.5	1.7	<2	0.37
643656	Drill Core	5.80	91.4	21.9	14.0	9	0.1	0.9	1.3	191	0.53	1.2	39.3	2.4	29.1	8	<0.1	0.2	2.3	<2	0.12
643657	Drill Core	3.10	153.3	25.7	13.8	9	<0.1	0.9	1.0	237	0.56	0.7	45.1	4.9	33.8	6	0.2	<0.1	0.4	3	0.13
643658	Drill Core	2.90	130.7	29.5	14.1	9	<0.1	1.2	1.1	268	0.57	0.8	48.3	3.8	34.2	6	0.2	0.1	0.4	<2	0.12
643659	Rock Pulp		620.9	122.2	12.9	84	0.2	14.4	5.5	620	2.35	2.2	2.7	1.7	6.1	135	0.6	0.3	1.1	31	1.18
643660	Drill Core	0.10	1.5	2.9	2.5	1	<0.1	3.3	0.6	206	0.19	1.1	0.3	<0.5	0.3	80	<0.1	<0.1	<0.1	<2	22.74
643661	Drill Core	6.00	154.4	24.7	15.0	9	0.1	0.9	1.2	302	0.56	0.9	52.0	3.1	34.7	11	0.2	0.2	1.0	<2	0.18
643662	Drill Core	5.60	148.6	39.0	32.6	8	0.7	1.9	1.8	261	0.69	1.3	46.1	5.1	31.8	19	<0.1	0.5	26.3	<2	0.19
643663	Drill Core	5.30	192.5	60.5	141.9	8	1.4	1.2	2.7	267	0.73	5.0	55.8	4.5	36.7	17	0.4	0.9	120.2	<2	0.16



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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643635	Drill Core	0.003	15	7	0.05	6	0.007	<20	0.54	0.035	0.12	>100	<0.01	2.2	0.2	0.47	2	0.8	0.013	0.031	0.04
RRE 643635	Drill Core	0.003	13	6	0.05	6	0.007	<20	0.55	0.035	0.12	>100	<0.01	2.3	0.2	0.50	2	0.7	0.012	0.033	0.04
643636	Drill Core	0.005	10	13	0.03	2	0.005	<20	0.18	0.039	0.13	>100	<0.01	1.7	0.2	0.40	1	0.6	0.024	0.030	0.02
643637	Drill Core	<0.001	10	7	0.02	1	0.004	<20	0.18	0.035	0.10	>100	<0.01	1.4	0.1	0.49	1	0.9	0.015	0.017	0.02
643638	Drill Core	0.001	14	11	0.02	1	0.005	<20	0.23	0.044	0.13	>100	<0.01	2.0	0.2	0.25	2	<0.5	0.014	0.014	0.01
643639	Drill Core	0.002	12	9	0.02	4	0.004	<20	0.20	0.037	0.12	>100	<0.01	1.6	0.1	0.35	1	0.7	0.072	0.069	0.02
643640	Drill Core	0.002	16	7	0.02	<1	0.005	<20	0.19	0.039	0.13	84.6	<0.01	2.0	0.1	0.21	1	<0.5	0.009	0.012	0.02
643641	Drill Core	0.002	13	11	0.02	3	0.005	<20	0.20	0.045	0.14	>100	<0.01	1.6	0.1	0.22	1	0.7	0.022	0.020	0.02
643642	Drill Core	0.001	13	6	0.02	<1	0.005	<20	0.17	0.034	0.11	>100	<0.01	2.0	0.1	0.41	1	0.7	0.024	0.015	0.02
643643	Drill Core	0.001	13	5	0.02	1	0.004	<20	0.19	0.038	0.11	>100	<0.01	1.8	0.1	0.15	1	<0.5	0.022	0.012	0.01
643644	Drill Core	0.001	15	6	0.02	1	0.002	<20	0.19	0.038	0.11	>100	<0.01	1.5	0.1	0.39	1	0.8	0.012	0.021	0.02
643645	Drill Core	0.001	15	7	0.02	1	0.002	<20	0.19	0.034	0.10	>100	<0.01	1.7	<0.1	0.26	1	0.5	0.022	0.028	0.02
643646	Drill Core	0.001	10	5	0.02	2	0.004	<20	0.35	0.033	0.11	56.5	<0.01	1.8	<0.1	0.22	1	0.5	0.018	0.007	0.01
643647	Drill Core	<0.001	11	8	0.02	1	0.004	<20	0.18	0.030	0.11	90.0	<0.01	1.8	0.1	0.23	<1	0.5	0.024	0.011	0.01
643648	Drill Core	0.001	13	7	0.02	1	0.004	<20	0.19	0.042	0.12	90.3	<0.01	1.9	0.1	0.28	1	0.7	0.021	0.010	0.01
643649	Drill Core	0.001	12	11	0.02	<1	0.004	<20	0.17	0.041	0.12	>100	<0.01	1.7	0.1	0.19	1	<0.5	0.040	0.017	0.01
643650	Drill Core	0.002	11	7	0.02	1	0.004	<20	0.18	0.040	0.13	43.1	<0.01	1.4	<0.1	0.24	1	<0.5	0.016	<0.005	0.01
643651	Drill Core	0.001	10	7	0.02	2	0.004	<20	0.18	0.038	0.10	>100	<0.01	1.6	0.1	0.25	1	0.7	0.017	0.014	0.02
643652	Drill Core	0.001	15	6	0.02	2	0.004	<20	0.23	0.038	0.13	66.2	<0.01	1.7	0.2	0.26	1	0.8	0.015	0.007	0.02
643653	Drill Core	0.001	15	5	0.02	3	0.004	<20	0.41	0.031	0.10	41.8	<0.01	1.7	0.2	0.36	2	0.7	0.012	<0.005	0.01
643654	Drill Core	0.002	14	5	0.02	2	0.004	<20	0.33	0.035	0.10	36.0	<0.01	1.9	0.1	0.17	2	0.5	0.019	<0.005	0.01
643655	Drill Core	<0.001	15	4	0.03	4	0.003	<20	0.65	0.027	0.08	60.7	<0.01	2.1	0.4	0.27	2	0.7	0.022	0.008	<0.01
643656	Drill Core	<0.001	14	6	0.02	1	0.005	<20	0.19	0.034	0.11	84.4	<0.01	2.2	0.1	0.11	1	<0.5	0.010	0.010	0.01
643657	Drill Core	0.001	17	7	0.03	<1	0.009	<20	0.18	0.049	0.10	41.6	<0.01	2.5	0.1	0.13	1	0.7	0.016	0.006	0.02
643658	Drill Core	<0.001	16	8	0.03	1	0.010	<20	0.19	0.054	0.11	41.1	<0.01	2.4	<0.1	0.12	1	0.6	0.015	0.006	0.01
643659	Rock Pulp	0.076	20	21	0.47	142	0.024	<20	0.77	0.048	0.29	0.5	0.01	3.0	0.2	0.29	3	<0.5	0.068	<0.005	0.11
643660	Drill Core	0.005	1	2	11.64	2	<0.001	<20	0.03	0.032	0.03	0.4	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643661	Drill Core	0.001	13	7	0.07	2	0.011	<20	0.23	0.053	0.12	73.8	<0.01	1.8	0.1	0.14	1	<0.5	0.017	0.011	0.03
643662	Drill Core	0.002	11	8	0.04	3	0.011	<20	0.37	0.054	0.12	84.8	<0.01	2.0	0.2	0.20	1	0.8	0.017	0.011	0.01
643663	Drill Core	0.001	15	5	0.03	3	0.005	<20	0.35	0.045	0.10	>100	<0.01	2.0	0.2	0.34	2	3.2	0.021	0.025	0.02



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643664	Drill Core	5.50	192.7	27.0	25.5	10	0.3	1.1	1.4	258	0.69	2.1	48.9	2.9	33.9	8	0.1	0.2	15.4	<2	0.15
643665	Drill Core	6.30	177.7	30.9	21.1	11	<0.1	1.0	1.2	250	0.67	0.8	44.8	2.1	30.9	4	0.1	0.1	1.6	<2	0.12
643666	Drill Core	6.40	181.3	51.3	16.0	12	0.2	0.8	2.1	294	0.74	1.1	38.1	3.3	23.9	4	0.2	0.1	2.8	<2	0.12
643667	Drill Core	6.20	142.2	31.0	44.7	10	1.1	1.1	1.6	272	0.71	1.3	46.6	3.1	26.7	4	0.2	0.2	49.4	<2	0.09
RRE 643667	Drill Core		155.0	29.2	45.4	12	1.0	1.1	1.1	266	0.66	1.2	49.3	3.4	27.1	4	0.2	0.2	51.7	<2	0.10
643668	Drill Core	6.40	186.5	37.2	21.9	11	0.2	0.8	1.3	272	0.65	5.4	33.3	3.8	22.6	11	0.3	1.1	6.2	<2	0.14
643669	Drill Core	5.80	177.9	47.5	19.2	10	0.1	0.9	1.2	279	0.80	3.7	38.8	5.2	25.7	11	0.2	0.4	2.2	<2	0.19
643670	Drill Core	7.90	243.9	72.1	22.8	15	0.2	1.4	2.1	291	1.00	32.9	43.0	3.1	35.2	26	0.4	0.6	2.9	<2	0.28
643671	Drill Core	6.50	128.3	24.1	64.7	10	0.2	1.1	0.8	203	0.63	4.4	45.9	4.1	23.3	7	0.2	0.8	115.1	<2	0.14
643672	Drill Core	6.40	224.9	29.1	32.7	9	<0.1	2.1	1.1	214	0.73	6.7	45.6	2.2	20.9	7	0.1	1.5	207.6	5	0.15
643673	Drill Core	5.90	221.5	14.5	18.7	5	<0.1	1.9	0.7	124	0.37	12.4	24.1	3.9	8.5	9	0.2	0.3	3.6	<2	0.15
643674	Drill Core	6.30	224.0	27.3	27.3	11	<0.1	1.8	1.0	257	0.62	2.1	58.6	2.5	32.2	3	0.2	0.5	40.5	4	0.13
643675	Drill Core	5.50	308.1	50.9	23.1	15	0.1	1.4	1.8	328	0.92	4.6	49.5	3.0	30.3	6	0.3	0.4	2.9	2	0.24
643676	Drill Core	5.70	166.2	20.1	16.8	9	<0.1	0.7	0.8	224	0.57	1.3	36.5	2.2	17.6	4	<0.1	<0.1	1.6	<2	0.19
643677	Drill Core	5.70	938.9	33.6	17.1	9	0.1	1.5	1.1	221	0.53	1.6	69.6	5.9	27.8	4	0.9	0.1	0.6	<2	0.18
643678	Drill Core	5.90	250.3	33.9	10.9	11	0.1	1.0	1.1	214	0.73	0.7	44.1	3.3	21.9	1	<0.1	<0.1	1.4	<2	0.11
643679	Drill Core	6.20	206.6	33.9	12.3	23	<0.1	0.8	1.3	385	1.07	<0.5	40.4	3.9	37.2	1	0.2	<0.1	5.0	<2	0.07
643680	Drill Core	6.00	122.1	27.4	10.7	24	0.1	1.0	1.2	408	1.03	<0.5	52.3	4.3	42.8	1	0.1	0.1	3.2	<2	0.07
643681	Drill Core	6.10	268.2	42.4	9.6	19	0.1	1.0	1.6	358	1.00	<0.5	50.2	3.7	36.3	1	0.1	<0.1	1.6	<2	0.05
643682	Drill Core	7.00	192.6	33.9	10.8	10	0.2	1.1	1.5	236	0.70	<0.5	42.7	3.8	25.4	1	0.2	<0.1	1.1	<2	0.07
643683	Drill Core	5.40	156.0	26.8	11.8	11	<0.1	1.6	1.1	259	0.68	<0.5	43.1	4.4	27.2	1	<0.1	<0.1	0.8	<2	0.06
643684	Drill Core	6.30	235.8	34.4	15.4	11	0.1	1.2	1.3	225	0.66	<0.5	56.9	5.2	28.8	2	0.2	0.2	10.4	<2	0.06
643685	Drill Core	8.40	437.2	36.1	17.4	8	0.1	1.1	1.2	175	0.51	<0.5	35.5	3.1	17.5	2	0.2	<0.1	0.9	<2	0.05
643686	Drill Core	4.30	734.9	45.1	12.2	4	0.2	1.8	1.6	89	0.44	1.5	12.5	1.7	5.6	2	0.4	0.3	7.2	<2	0.10
643687	Drill Core	3.80	196.0	14.8	4.1	2	0.1	1.8	0.6	63	0.29	0.6	3.1	0.8	1.6	<1	0.4	0.1	1.1	<2	0.06
643688	Drill Core	4.90	348.3	22.3	17.4	7	0.2	2.6	1.0	181	0.53	0.6	27.6	1.7	13.8	2	0.3	0.1	2.7	<2	0.06
643689	Drill Core	6.00	252.5	28.3	39.9	8	0.1	1.5	1.1	212	0.49	1.5	23.8	3.3	10.2	3	0.3	0.2	4.2	<2	0.10
643690	Drill Core	6.00	146.6	20.3	20.6	9	<0.1	1.9	0.7	264	0.51	1.3	26.1	2.2	11.3	2	<0.1	0.2	1.8	<2	0.11
643691	Drill Core	2.70	184.9	22.2	20.4	11	0.1	1.7	1.0	278	0.55	1.7	28.9	2.4	14.3	2	0.2	0.2	1.4	<2	0.11
643692	Rock Pulp		12.8	4602	5.3	57	2.1	123.7	75.4	688	29.62	5.2	2.7	486.9	2.6	81	0.3	0.3	922.6	11	3.29



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643664	Drill Core	0.001	16	6	0.03	1	0.007	<20	0.23	0.050	0.10	58.6	<0.01	1.9	0.1	0.24	1	<0.5	0.021	0.008	0.02
643665	Drill Core	0.002	12	8	0.04	<1	0.013	<20	0.20	0.050	0.10	93.4	<0.01	2.1	0.1	0.19	1	0.8	0.021	0.014	0.02
643666	Drill Core	0.001	9	9	0.05	<1	0.013	<20	0.23	0.054	0.11	87.0	<0.01	2.4	0.2	0.23	1	0.7	0.021	0.012	0.07
643667	Drill Core	<0.001	12	6	0.04	1	0.012	<20	0.20	0.048	0.11	>100	<0.01	2.2	0.2	0.21	1	0.9	0.016	0.016	0.03
RRE 643667	Drill Core	0.001	12	9	0.05	<1	0.012	<20	0.22	0.052	0.13	>100	<0.01	2.4	0.2	0.17	1	1.0	0.017	0.018	0.02
643668	Drill Core	<0.001	8	6	0.04	2	0.008	<20	0.31	0.054	0.10	76.1	<0.01	2.0	0.2	0.25	1	0.9	0.020	0.009	0.01
643669	Drill Core	0.002	13	9	0.04	2	0.008	<20	0.29	0.055	0.10	>100	<0.01	1.7	0.1	0.32	2	0.9	0.019	0.021	0.02
643670	Drill Core	0.002	20	7	0.05	2	0.011	<20	0.56	0.063	0.12	43.4	<0.01	2.2	0.2	0.45	2	1.0	0.026	0.006	0.03
643671	Drill Core	0.002	11	8	0.02	1	0.005	<20	0.26	0.062	0.14	83.2	<0.01	1.5	0.2	0.22	2	0.9	0.014	0.010	<0.01
643672	Drill Core	0.005	13	12	0.01	1	0.004	<20	0.23	0.055	0.12	>100	<0.01	1.4	0.1	0.26	1	1.3	0.024	0.033	0.02
643673	Drill Core	0.020	7	12	<0.01	3	0.002	<20	0.19	0.033	0.11	>100	<0.01	0.7	0.1	0.10	<1	0.6	0.024	0.013	0.01
643674	Drill Core	0.002	21	9	0.03	2	0.010	<20	0.25	0.072	0.16	>100	<0.01	2.1	0.1	0.14	2	<0.5	0.024	0.019	0.02
643675	Drill Core	0.001	18	9	0.04	1	0.009	<20	0.30	0.065	0.15	>100	<0.01	2.6	0.2	0.33	2	0.7	0.032	0.014	0.02
643676	Drill Core	0.001	9	8	0.02	2	0.006	<20	0.18	0.057	0.09	>100	<0.01	1.4	0.1	0.23	<1	<0.5	0.017	0.014	0.02
643677	Drill Core	0.001	20	13	0.03	2	0.012	<20	0.19	0.057	0.11	>100	<0.01	1.7	0.1	0.21	1	1.6	0.109	0.012	0.01
643678	Drill Core	0.001	9	8	0.04	1	0.015	<20	0.19	0.064	0.09	>100	<0.01	1.5	0.1	0.20	1	0.7	0.026	0.014	0.02
643679	Drill Core	0.002	21	8	0.12	1	0.044	<20	0.27	0.058	0.20	45.4	<0.01	3.6	0.4	0.19	2	0.6	0.024	0.006	0.07
643680	Drill Core	0.002	22	9	0.12	1	0.046	<20	0.28	0.054	0.22	19.9	<0.01	3.6	0.5	0.17	2	<0.5	0.013	<0.005	0.07
643681	Drill Core	0.002	17	7	0.12	2	0.036	<20	0.27	0.054	0.20	>100	<0.01	3.9	0.4	0.28	2	0.6	0.029	0.014	0.09
643682	Drill Core	0.001	11	8	0.04	1	0.019	<20	0.18	0.058	0.12	62.6	<0.01	2.2	0.2	0.24	1	<0.5	0.019	0.008	0.03
643683	Drill Core	0.001	12	8	0.05	1	0.022	<20	0.20	0.057	0.14	38.1	<0.01	2.8	0.2	0.16	1	0.7	0.017	<0.005	0.03
643684	Drill Core	0.001	11	12	0.03	<1	0.010	<20	0.19	0.054	0.12	44.1	<0.01	2.4	0.1	0.21	1	<0.5	0.024	0.007	0.02
643685	Drill Core	0.001	5	13	0.03	3	0.011	<20	0.20	0.052	0.16	72.0	<0.01	1.7	0.2	0.21	1	0.6	0.045	0.010	0.02
643686	Drill Core	0.010	6	16	<0.01	3	0.002	<20	0.08	0.023	0.07	>100	<0.01	0.4	<0.1	0.27	<1	0.9	0.074	0.015	<0.01
643687	Drill Core	0.004	3	15	<0.01	<1	<0.001	<20	0.05	0.013	0.04	>100	<0.01	0.2	<0.1	0.08	<1	<0.5	0.022	0.032	<0.01
643688	Drill Core	0.004	6	11	0.02	2	0.005	<20	0.23	0.065	0.21	>100	<0.01	1.3	0.2	0.12	1	0.8	0.038	0.027	<0.01
643689	Drill Core	<0.001	3	9	0.02	2	0.005	<20	0.23	0.066	0.19	42.2	<0.01	1.6	0.2	0.14	1	0.6	0.028	<0.005	0.01
643690	Drill Core	<0.001	3	8	0.03	2	0.007	<20	0.25	0.065	0.19	46.8	<0.01	1.8	0.2	0.12	1	<0.5	0.015	0.006	0.01
643691	Drill Core	0.001	5	8	0.03	2	0.009	<20	0.25	0.064	0.19	31.8	<0.01	1.9	0.2	0.17	1	<0.5	0.021	<0.005	0.02
643692	Rock Pulp	0.053	11	20	1.11	17	0.025	<20	1.13	0.045	0.18	>100	0.05	0.9	0.2	>10	9	18.8	0.001	0.995	0.15

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643693	Drill Core	0.20	0.3	3.7	2.5	1	<0.1	2.7	0.5	191	0.17	1.1	0.1	<0.5	0.2	80	<0.1	<0.1	<0.1	<2	23.73
643694	Drill Core	6.40	396.7	36.0	19.4	9	0.1	1.4	1.6	291	0.63	1.6	43.2	4.1	20.3	3	0.5	0.3	17.6	<2	0.15
643695	Drill Core	6.40	498.8	43.2	18.8	11	0.1	1.1	1.6	251	0.70	3.2	56.9	9.1	27.4	11	0.3	0.6	3.8	<2	0.14
643696	Drill Core	5.70	431.4	27.7	100.0	15	0.3	1.1	1.4	334	0.76	4.5	41.5	2.1	32.5	7	0.5	0.9	271.9	4	0.18
643697	Drill Core	6.50	480.7	57.0	16.7	10	0.1	1.2	2.0	213	0.75	2.5	52.4	4.1	27.9	5	0.5	0.5	5.0	2	0.07
643698	Drill Core	6.40	206.0	31.7	16.9	10	<0.1	1.3	1.5	203	0.58	3.4	46.9	4.8	35.6	7	0.2	0.6	1.7	2	0.07
643699	Drill Core	5.50	485.1	49.6	16.8	8	0.2	1.3	1.7	210	0.61	3.8	47.0	3.8	29.1	4	0.5	0.6	0.7	<2	0.08
643700	Drill Core	6.60	257.8	36.9	14.0	8	0.1	1.0	1.0	197	0.59	<0.5	50.5	2.7	33.1	2	0.3	<0.1	1.0	<2	0.05
RRE 643700	Drill Core		296.4	35.7	14.3	8	0.1	1.3	1.2	193	0.63	<0.5	47.6	2.4	30.5	2	0.2	<0.1	1.3	<2	0.06
643701	Drill Core	6.30	406.0	45.0	16.2	14	0.1	1.2	1.6	261	0.65	0.6	52.7	2.1	37.0	3	0.2	0.2	32.9	<2	0.06
643702	Drill Core	6.10	954.6	62.3	14.6	11	0.1	0.8	2.3	227	0.81	<0.5	51.8	3.0	36.4	2	1.3	<0.1	0.3	<2	0.07
643703	Drill Core	5.80	171.6	40.2	19.4	17	0.1	1.2	1.4	295	0.76	<0.5	46.8	2.0	31.4	3	0.3	0.6	35.0	<2	0.09
643704	Drill Core	7.60	444.9	46.6	12.8	17	0.2	1.0	1.9	289	0.90	1.2	55.4	3.1	34.8	3	0.3	0.2	3.2	<2	0.07
643705	Drill Core	5.00	364.2	40.2	10.9	16	0.1	1.0	1.8	282	1.08	<0.5	47.3	2.6	33.6	3	0.2	0.3	21.7	<2	0.06
643706	Drill Core	9.40	427.8	45.3	15.5	14	0.1	1.3	1.8	278	0.90	<0.5	48.5	2.4	30.9	4	0.4	0.4	29.7	<2	0.09
642902	Drill Core	3.90	101.2	49.0	18.4	50	0.2	18.1	6.7	847	1.67	1.6	1.7	2.2	2.3	57	0.6	0.2	4.3	56	2.59
642903	Drill Core	6.20	47.7	40.3	5.8	41	<0.1	13.0	5.3	479	1.23	0.9	1.1	<0.5	1.8	65	0.2	<0.1	2.1	38	1.45
642904	Drill Core	6.30	88.1	20.8	16.1	53	0.3	6.7	3.0	1844	1.58	<0.5	3.0	<0.5	2.2	108	1.2	0.2	4.2	40	8.78
642905	Drill Core	6.30	68.8	67.6	58.7	76	1.4	13.4	5.7	463	1.53	1.2	1.5	2.6	2.0	91	1.1	0.3	51.2	43	1.05
642906	Drill Core	8.10	94.6	35.8	28.0	44	0.6	12.6	5.1	577	1.23	0.6	1.1	1.2	1.7	95	0.5	0.1	24.4	37	2.69
642907	Drill Core	7.20	189.9	52.9	3.7	58	<0.1	26.2	8.2	397	1.71	<0.5	1.2	2.3	2.3	58	0.4	<0.1	2.0	71	0.96
642908	Drill Core	6.00	66.9	62.7	3.6	86	0.1	15.6	9.4	570	2.21	<0.5	0.9	2.1	1.4	76	0.6	<0.1	0.7	81	1.07
642909	Drill Core	3.40	470.4	27.2	19.6	228	0.3	6.4	2.9	1490	1.25	0.8	2.5	1.4	2.4	135	5.1	0.1	9.0	38	8.03
642910	Drill Core	7.30	55.4	11.7	5.7	40	0.2	10.6	2.2	900	0.80	0.8	3.9	2.0	3.3	101	0.7	<0.1	53.6	76	4.39
642911	Drill Core	3.10	5.8	22.9	18.0	70	0.3	1.8	0.8	410	0.41	<0.5	45.8	18.6	26.1	46	0.8	0.2	2.2	5	1.02
642912	Drill Core	6.10	30.7	24.5	4.9	65	<0.1	10.0	3.1	1219	1.15	<0.5	4.5	0.6	2.7	173	0.7	0.1	1.3	40	3.64
642913	Drill Core	7.30	97.7	13.2	8.1	223	0.2	19.1	6.7	7483	4.23	1.0	7.4	<0.5	3.1	98	2.4	0.5	4.1	120	12.76
642914	Drill Core	6.70	143.4	105.1	21.4	226	0.4	18.6	8.0	7136	4.81	1.7	5.6	1.8	3.0	97	3.7	0.3	9.8	89	10.42
642915	Drill Core	5.50	188.6	24.5	36.1	196	0.7	19.7	8.7	8053	4.16	0.6	6.6	3.5	3.2	127	2.0	0.5	25.7	73	12.36
642916	Drill Core	5.80	169.3	9.1	8.2	142	0.1	14.0	4.6	3482	2.01	0.8	9.1	4.0	6.1	124	0.9	0.3	6.5	57	8.89

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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643693	Drill Core	0.005	1	2	12.17	1	<0.001	<20	0.03	0.034	0.03	0.7	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643694	Drill Core	0.002	7	8	0.06	1	0.006	<20	0.19	0.060	0.11	99.0	<0.01	2.1	0.1	0.28	1	1.0	0.041	0.011	0.01
643695	Drill Core	0.001	8	7	0.03	2	0.006	<20	0.29	0.055	0.11	>100	<0.01	2.6	0.1	0.34	1	1.2	0.051	0.020	<0.01
643696	Drill Core	0.004	11	8	0.03	2	0.004	<20	0.23	0.048	0.11	>100	0.01	2.7	0.2	0.37	1	1.2	0.044	0.048	0.02
643697	Drill Core	0.001	9	8	0.03	2	0.009	<20	0.20	0.050	0.10	>100	<0.01	2.7	0.2	0.36	1	1.4	0.053	0.014	0.01
643698	Drill Core	0.001	10	6	0.04	2	0.011	<20	0.21	0.051	0.10	43.1	<0.01	2.4	0.2	0.24	1	0.6	0.024	0.006	0.01
643699	Drill Core	0.001	8	6	0.03	2	0.008	<20	0.19	0.046	0.10	78.4	<0.01	2.2	0.2	0.27	1	1.3	0.055	0.009	0.01
643700	Drill Core	0.001	11	7	0.03	<1	0.013	<20	0.17	0.055	0.12	18.7	<0.01	2.5	0.2	0.20	1	1.0	0.026	<0.005	0.02
RRE 643700	Drill Core	0.001	11	7	0.03	<1	0.013	<20	0.18	0.053	0.13	30.1	<0.01	2.4	0.2	0.24	1	0.8	0.030	<0.005	0.01
643701	Drill Core	0.002	15	8	0.04	2	0.012	<20	0.18	0.055	0.14	>100	<0.01	2.5	0.2	0.28	1	0.7	0.044	0.014	0.01
643702	Drill Core	0.002	13	9	0.06	2	0.015	<20	0.21	0.050	0.15	>100	<0.01	3.1	0.3	0.37	1	1.0	0.098	0.031	0.03
643703	Drill Core	0.002	11	8	0.05	2	0.011	<20	0.20	0.051	0.13	>100	<0.01	2.7	0.2	0.20	1	0.9	0.019	0.063	0.03
643704	Drill Core	0.002	11	7	0.06	1	0.020	<20	0.21	0.051	0.12	76.5	<0.01	2.8	0.2	0.31	2	1.0	0.053	0.009	0.02
643705	Drill Core	0.002	13	7	0.06	1	0.021	<20	0.22	0.050	0.13	88.0	<0.01	2.9	0.2	0.45	2	0.7	0.036	0.014	0.02
643706	Drill Core	0.001	14	6	0.06	2	0.016	<20	0.20	0.046	0.14	>100	<0.01	3.0	0.2	0.44	2	1.2	0.044	0.019	0.02
642902	Drill Core	0.148	14	29	0.43	78	0.143	<20	0.85	0.036	0.24	>100	<0.01	2.1	0.6	0.43	3	3.5	0.012	0.022	0.37
642903	Drill Core	0.119	10	18	0.36	70	0.109	<20	0.69	0.047	0.17	>100	<0.01	1.5	0.4	0.25	3	2.0	0.005	0.021	0.22
642904	Drill Core	0.142	13	20	0.29	53	0.105	<20	0.96	0.032	0.14	>100	<0.01	1.5	0.3	0.13	4	1.4	0.010	0.045	0.49
642905	Drill Core	0.104	10	19	0.66	102	0.153	<20	0.79	0.060	0.28	>100	<0.01	2.3	0.7	0.37	4	2.0	0.007	0.023	0.28
642906	Drill Core	0.107	10	20	0.43	79	0.115	<20	0.77	0.055	0.23	>100	<0.01	1.7	0.6	0.31	3	2.1	0.010	0.015	0.25
642907	Drill Core	0.115	12	33	0.77	180	0.168	<20	0.81	0.071	0.50	>100	<0.01	2.5	1.6	0.44	3	3.0	0.020	0.018	0.27
642908	Drill Core	0.129	10	29	0.95	205	0.207	<20	1.09	0.071	0.69	51.0	<0.01	3.4	2.3	0.61	4	3.6	0.009	0.008	0.29
642909	Drill Core	0.164	16	16	0.27	72	0.116	<20	0.80	0.037	0.16	>100	<0.01	1.3	0.4	0.21	3	2.2	0.052	0.035	0.39
642910	Drill Core	0.140	12	32	0.25	51	0.081	<20	0.70	0.042	0.06	>100	<0.01	1.6	0.2	<0.05	2	0.8	0.006	0.036	0.42
642911	Drill Core	0.018	11	8	0.07	22	0.026	<20	0.30	0.071	0.10	56.4	<0.01	4.0	0.1	0.06	1	0.9	<0.001	0.008	0.23
642912	Drill Core	0.094	9	25	0.43	35	0.098	<20	0.71	0.049	0.05	>100	<0.01	2.0	0.1	0.13	3	1.2	0.003	0.031	0.62
642913	Drill Core	0.195	16	51	0.90	7	0.081	<20	1.22	0.032	0.01	>100	<0.01	2.5	<0.1	<0.05	7	0.6	0.011	0.129	1.77
642914	Drill Core	0.180	14	43	0.91	10	0.106	<20	1.24	0.030	0.02	>100	<0.01	3.1	<0.1	0.51	8	1.7	0.016	0.184	1.59
642915	Drill Core	0.176	18	44	1.09	8	0.066	<20	1.15	0.038	0.01	>100	<0.01	2.9	<0.1	0.18	7	1.0	0.021	0.205	2.43
642916	Drill Core	0.125	18	34	0.97	34	0.113	<20	0.85	0.065	0.03	>100	<0.01	3.9	<0.1	<0.05	4	1.1	0.018	0.074	1.50

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Project: Northern Dancer

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
642917	Drill Core	5.50	141.6	45.0	4.5	90	0.1	17.4	6.2	1461	1.60	1.4	4.1	<0.5	3.4	87	0.5	0.2	1.9	68	3.74
642918	Drill Core	2.70	110.6	38.7	11.4	63	0.2	8.0	3.4	952	1.07	<0.5	1.7	1.3	2.2	101	0.5	0.2	5.4	32	2.22
642919	Drill Core	6.80	333.3	10.1	32.3	147	0.6	13.1	6.6	5069	2.97	<0.5	3.8	1.5	2.4	103	1.1	0.3	24.9	64	7.16
642920	Drill Core	5.40	99.1	38.6	31.3	133	0.5	14.4	3.7	732	0.63	0.9	2.8	<0.5	2.5	121	2.7	0.2	6.6	34	5.91
642921	Drill Core	6.40	74.2	4.5	8.4	93	<0.1	8.2	3.4	2928	1.85	<0.5	9.2	2.3	6.3	122	0.6	0.2	2.0	44	6.80
642922	Drill Core	7.90	61.2	6.0	44.8	127	0.8	9.4	1.9	2157	0.93	2.2	7.7	1.5	3.2	134	2.2	0.4	8.4	57	10.49
642923	Drill Core	6.80	130.0	15.5	8.8	100	0.1	13.5	3.9	2828	1.54	1.6	6.3	2.1	2.6	139	0.7	0.3	4.4	45	10.26
642924	Drill Core	7.60	194.2	17.9	24.8	138	0.4	15.1	4.8	2862	1.74	1.1	5.4	2.8	2.5	134	1.5	0.2	4.5	54	8.53
642925	Drill Core	8.00	275.8	13.2	18.2	168	0.3	13.3	4.9	2401	1.68	0.6	3.1	2.3	2.7	101	1.5	0.1	7.9	51	6.14
642926	Drill Core	7.00	102.3	35.0	3.1	63	<0.1	12.1	3.6	1583	1.15	1.1	3.4	1.9	2.3	137	0.6	<0.1	1.6	57	9.31
642927	Drill Core	6.80	111.4	18.9	12.6	107	0.2	14.8	3.9	1333	1.09	1.0	2.7	2.2	3.1	76	1.2	0.1	6.3	49	3.81
642928	Drill Core	7.30	121.3	23.5	13.0	198	0.2	13.6	3.7	1847	1.44	1.0	3.0	1.6	2.5	73	3.0	0.1	5.3	67	4.56
RRE 642928	Drill Core		111.8	24.8	12.7	180	0.2	13.2	4.0	1780	1.39	0.9	2.9	1.6	2.5	72	2.7	0.1	5.4	65	4.28
642929	Drill Core	6.80	110.4	20.1	10.0	79	0.2	13.3	3.0	1077	1.05	0.7	2.9	2.8	3.5	75	0.7	<0.1	5.4	82	3.63
642930	Drill Core	2.80	67.0	32.2	17.8	219	0.4	13.3	3.5	1866	1.35	0.9	3.4	3.3	2.9	139	3.6	0.1	9.5	62	7.46
642931	Drill Core	2.90	59.2	26.5	12.4	209	0.3	13.2	4.2	1686	1.23	0.8	3.3	4.1	3.0	147	3.0	0.2	6.7	59	6.95
642932	Rock Pulp		651.2	117.2	9.7	88	0.2	15.0	5.5	663	2.32	2.4	2.2	6.9	4.7	139	0.5	0.2	0.6	25	1.17
642933	Drill Core	0.40	0.8	3.0	2.0	1	<0.1	1.4	0.5	156	0.11	<0.5	<0.1	1.1	0.1	69	<0.1	<0.1	<0.1	2	22.40
642934	Drill Core	7.10	144.4	22.5	4.2	127	<0.1	13.0	3.3	1714	1.34	0.7	3.5	4.5	2.7	166	1.6	<0.1	4.0	60	7.08
642935	Drill Core	7.10	71.5	29.3	2.6	76	<0.1	12.6	4.1	1330	1.25	1.3	2.5	1.4	2.7	81	0.5	<0.1	0.9	63	5.71
642936	Drill Core	4.60	85.2	26.8	59.7	165	1.4	12.9	3.8	1320	1.31	1.3	3.5	3.0	3.1	81	2.2	0.1	51.2	66	4.39
642937	Drill Core	5.00	124.6	18.7	8.5	114	0.1	23.6	4.7	2651	2.20	1.2	5.2	3.4	2.5	115	1.1	0.1	4.4	184	7.47
642938	Drill Core	7.70	75.8	21.1	7.9	152	0.1	22.0	4.7	2042	1.53	1.0	4.1	2.9	2.7	103	1.9	<0.1	5.4	122	7.69
642939	Drill Core	7.30	215.9	50.6	9.2	182	0.2	30.9	6.3	1899	1.94	1.3	6.0	3.3	3.9	87	2.1	0.1	9.7	158	6.46
642940	Drill Core	6.40	404.8	20.5	9.7	111	0.2	21.5	3.9	2033	1.54	1.2	5.0	2.2	3.2	113	1.6	<0.1	4.7	115	7.51
642941	Drill Core	5.90	67.3	13.6	18.6	10	0.5	2.0	0.8	114	0.27	<0.5	38.2	8.2	34.4	51	0.2	0.1	13.1	6	0.37
642942	Drill Core	6.60	199.7	17.5	10.0	16	0.2	2.4	0.9	141	0.30	0.9	38.3	7.7	32.5	43	0.4	0.1	3.1	8	0.45
642943	Drill Core	3.20	50.3	43.2	3.8	58	<0.1	15.1	3.5	916	1.23	1.1	10.7	6.8	8.7	60	0.3	0.1	2.3	45	2.59
642944	Drill Core	7.60	217.3	48.8	4.6	78	<0.1	24.7	5.1	1082	1.46	1.0	2.8	4.0	2.6	104	0.7	0.2	4.7	83	3.70
642945	Drill Core	4.30	219.3	49.8	6.7	89	0.1	24.5	5.2	1171	1.67	1.4	3.9	2.7	3.4	74	0.7	0.1	2.8	139	3.72

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
642917	Drill Core	0.105	14	33	0.85	74	0.192	<20	0.67	0.067	0.11	>100	<0.01	4.4	0.2	0.28	3	2.4	0.016	0.017	0.83
642918	Drill Core	0.079	8	19	0.45	38	0.122	<20	0.39	0.051	0.05	>100	<0.01	2.1	<0.1	0.28	2	0.7	0.013	0.028	0.47
642919	Drill Core	0.104	10	25	1.09	14	0.089	<20	0.85	0.049	0.02	>100	0.01	2.9	<0.1	0.38	4	1.3	0.038	0.268	1.26
642920	Drill Core	0.152	14	18	0.20	38	0.097	<20	0.29	0.042	0.04	89.8	<0.01	1.2	<0.1	0.23	1	2.6	0.012	0.015	0.28
642921	Drill Core	0.143	18	21	0.56	18	0.080	<20	0.78	0.037	0.02	>100	<0.01	2.2	<0.1	<0.05	4	0.6	0.008	0.078	0.75
642922	Drill Core	0.172	17	28	0.25	24	0.048	25	0.75	0.018	0.02	>100	0.10	1.6	<0.1	<0.05	3	0.7	0.007	0.046	0.67
642923	Drill Core	0.153	17	29	0.62	119	0.060	<20	0.98	0.022	0.01	>100	0.24	2.2	<0.1	0.09	4	1.0	0.013	0.095	1.05
642924	Drill Core	0.158	17	34	0.57	32	0.064	<20	0.94	0.025	0.01	>100	0.21	2.1	<0.1	0.12	4	0.9	0.022	0.093	1.03
642925	Drill Core	0.109	14	27	1.09	29	0.086	<20	0.60	0.045	0.02	>100	0.23	3.0	<0.1	0.07	2	0.9	0.028	0.096	1.00
642926	Drill Core	0.133	15	28	0.34	45	0.086	<20	0.61	0.036	0.02	>100	0.13	2.4	<0.1	0.10	2	1.1	0.010	0.063	0.62
642927	Drill Core	0.134	14	26	0.43	30	0.085	<20	0.51	0.035	0.03	>100	0.10	2.1	<0.1	0.09	2	1.1	0.013	0.045	0.57
642928	Drill Core	0.148	14	30	0.47	35	0.102	<20	0.69	0.036	0.03	>100	0.13	2.5	<0.1	0.09	3	0.8	0.014	0.052	0.53
RRE 642928	Drill Core	0.145	14	30	0.45	33	0.097	<20	0.67	0.035	0.03	>100	0.11	2.5	<0.1	0.11	3	0.8	0.013	0.056	0.55
642929	Drill Core	0.114	15	29	0.37	47	0.107	<20	0.57	0.035	0.04	>100	0.06	2.5	<0.1	0.11	2	1.1	0.013	0.033	0.44
642930	Drill Core	0.112	14	25	0.49	66	0.087	<20	2.29	0.035	0.04	>100	0.27	2.4	<0.1	0.07	10	0.5	0.008	0.119	1.23
642931	Drill Core	0.116	15	29	0.50	124	0.090	<20	2.08	0.035	0.05	>100	0.16	2.6	<0.1	0.05	8	0.6	0.007	0.096	1.26
642932	Rock Pulp	0.083	19	19	0.48	140	0.016	<20	0.69	0.034	0.31	0.4	<0.01	3.2	0.2	0.29	3	<0.5	0.070	<0.005	0.10
642933	Drill Core	0.005	<1	1	12.37	2	<0.001	<20	0.02	0.020	0.02	1.7	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
642934	Drill Core	0.146	15	30	0.50	53	0.090	<20	0.83	0.030	0.04	>100	0.17	2.3	<0.1	0.09	3	1.0	0.017	0.065	0.79
642935	Drill Core	0.138	14	28	0.52	57	0.106	<20	0.65	0.040	0.10	>100	0.08	2.5	0.1	0.16	3	1.5	0.008	0.030	0.50
642936	Drill Core	0.140	15	27	0.67	65	0.104	<20	0.59	0.041	0.09	>100	0.13	2.3	0.2	0.14	3	1.4	0.009	0.049	0.57
642937	Drill Core	0.156	14	59	0.51	35	0.085	<20	1.31	0.030	0.06	>100	0.35	2.8	<0.1	0.08	6	1.2	0.013	0.122	0.78
642938	Drill Core	0.117	14	33	0.43	33	0.079	<20	0.93	0.033	0.02	>100	0.12	2.3	<0.1	<0.05	4	0.9	0.009	0.055	1.06
642939	Drill Core	0.128	18	42	0.69	36	0.117	<20	0.85	0.048	0.03	>100	0.18	3.5	<0.1	0.30	3	2.0	0.024	0.068	1.00
642940	Drill Core	0.119	17	35	0.31	39	0.086	<20	0.97	0.030	0.02	>100	0.14	2.6	<0.1	0.08	4	1.6	0.043	0.057	0.76
642941	Drill Core	0.006	17	9	0.03	29	0.022	<20	0.20	0.040	0.14	30.8	<0.01	2.3	0.1	0.07	<1	0.5	0.006	0.005	0.10
642942	Drill Core	0.010	17	14	0.03	32	0.028	<20	0.22	0.044	0.11	63.2	0.03	2.1	<0.1	0.09	1	0.8	0.021	0.007	0.10
642943	Drill Core	0.077	14	25	0.33	41	0.096	<20	0.53	0.102	0.07	>100	0.08	2.9	<0.1	0.26	2	2.0	0.005	0.025	0.56
642944	Drill Core	0.112	13	46	0.39	43	0.110	<20	0.89	0.043	0.06	>100	0.07	2.4	<0.1	0.33	4	3.0	0.023	0.025	0.57
642945	Drill Core	0.147	16	47	0.43	51	0.117	<20	0.78	0.042	0.04	>100	0.09	3.3	<0.1	0.32	4	2.3	0.024	0.039	0.51



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
642946	Drill Core	3.30	270.5	48.5	7.3	122	0.3	24.2	5.1	2084	1.83	1.5	3.6	2.9	2.2	92	1.1	0.2	6.6	107	5.27
642947	Drill Core	5.80	208.6	118.0	13.7	211	0.5	20.7	7.2	3263	3.12	1.7	3.6	1.4	1.4	111	1.5	0.3	7.2	86	10.28
642948	Drill Core	6.40	231.5	59.6	10.9	106	0.3	31.8	4.4	1165	1.60	1.3	5.0	2.6	2.6	104	0.8	0.1	10.4	160	4.14
642949	Drill Core	6.50	182.2	53.4	4.5	145	0.2	27.3	6.5	1704	2.15	1.0	3.9	3.7	2.6	146	1.1	0.1	4.6	145	5.09
642950	Drill Core	5.10	176.2	40.4	2.1	152	<0.1	34.6	6.2	1867	2.04	1.1	5.6	3.3	3.1	102	0.8	0.1	1.4	225	6.28
642951	Drill Core	3.70	184.0	52.2	3.8	108	0.1	17.5	4.4	1697	1.83	1.1	4.1	2.1	2.7	188	0.8	0.1	2.9	106	5.36
642952	Drill Core	3.70	248.7	41.6	2.5	128	0.1	17.2	5.0	2187	2.10	2.1	4.8	2.9	2.1	142	0.7	0.2	1.0	113	6.48
642953	Drill Core	2.80	221.6	55.0	5.5	29	0.1	31.6	3.5	263	0.73	2.0	12.2	4.8	7.3	45	0.5	0.2	2.0	75	0.93
642954	Drill Core	5.40	221.0	62.7	24.8	182	0.5	34.2	6.1	2928	2.31	1.2	8.4	3.1	3.7	298	0.9	0.3	21.5	223	9.15
642955	Drill Core	4.80	321.4	46.6	2.4	141	<0.1	27.0	5.6	1826	1.82	0.6	4.7	4.3	4.0	128	0.8	0.2	1.3	126	4.94
642956	Drill Core	3.60	296.4	97.4	6.5	176	0.2	30.5	5.4	3560	2.60	2.0	19.4	8.1	8.6	193	1.4	0.3	3.6	174	9.59
642957	Drill Core	5.70	247.3	81.7	6.4	57	0.1	21.7	7.0	953	1.52	1.8	12.4	9.3	8.6	69	0.4	0.2	2.6	53	2.39
642958	Drill Core	4.30	239.7	49.1	4.6	88	<0.1	25.0	5.5	1341	1.63	2.1	5.5	2.4	3.7	155	0.7	0.2	1.9	161	5.24
642959	Drill Core	5.90	225.5	111.2	5.2	39	0.2	50.5	12.6	473	2.01	4.8	1.3	2.1	3.4	96	0.2	0.3	1.6	47	1.51
642960	Drill Core	2.90	186.6	116.3	44.5	105	0.4	48.4	11.8	750	2.07	25.1	1.6	1.5	2.9	574	0.7	1.5	2.9	51	2.29
642961	Drill Core	5.50	185.8	96.6	9.0	70	0.2	45.1	9.6	1161	1.95	2.8	1.9	1.7	3.2	100	0.3	0.2	1.7	61	2.73
642962	Drill Core	8.90	250.6	80.3	3.1	155	<0.1	18.7	7.4	2632	2.53	1.3	5.2	1.7	3.5	264	0.5	0.2	1.2	91	8.63
642963	Drill Core	1.30	153.5	57.3	7.1	129	0.1	22.4	6.9	1779	2.07	1.8	4.0	<0.5	3.2	103	1.0	0.2	4.8	131	5.35
642964	Drill Core	1.50	178.8	72.0	2.1	149	<0.1	18.5	6.6	2552	2.28	1.2	4.5	<0.5	3.2	184	0.8	0.2	0.9	86	8.02
642965	Rock Pulp		11.9	4335	3.9	54	1.9	102.9	72.1	701	25.35	6.5	2.4	424.9	2.1	59	0.3	0.3	806.2	10	3.43
642966	Drill Core	0.30	0.8	5.1	2.1	1	<0.1	0.5	0.6	164	0.12	1.2	0.1	<0.5	0.1	67	<0.1	<0.1	0.3	3	24.05
642967	Drill Core	4.40	139.3	91.0	3.6	56	0.1	28.0	8.2	718	1.60	3.6	2.5	<0.5	3.2	202	0.4	0.3	1.8	73	3.12
642968	Drill Core	6.90	160.6	82.1	3.8	102	0.1	24.9	7.8	1100	1.87	1.0	4.1	0.7	4.2	75	0.6	<0.1	3.4	92	3.91
642969	Drill Core	7.70	245.4	46.5	17.1	139	0.2	24.5	5.1	1660	1.87	1.3	4.7	<0.5	3.5	113	1.7	0.2	6.0	159	6.18
642970	Drill Core	7.30	122.4	50.3	2.3	126	<0.1	18.6	6.4	2316	2.27	1.2	4.2	0.5	2.9	98	0.5	0.1	0.9	92	7.17
642971	Drill Core	7.10	191.4	72.8	3.6	93	<0.1	29.2	6.6	915	1.58	1.4	3.0	0.7	3.5	73	0.5	0.1	1.0	97	3.53
642972	Drill Core	6.90	160.4	70.0	10.3	80	0.2	28.1	6.0	948	1.59	1.2	2.7	1.9	3.1	82	0.5	0.2	0.8	86	2.84
RRE 642972	Drill Core		172.6	101.4	23.7	329	0.6	49.5	8.8	763	1.84	1.3	6.1	3.1	4.5	53	6.0	0.2	13.2	152	2.70
642973	Drill Core	6.60	152.5	73.8	11.1	79	0.2	29.4	7.0	947	1.61	1.5	2.8	1.8	3.5	86	0.5	0.1	0.9	90	2.73
642974	Drill Core	7.40	288.8	72.6	17.2	110	0.3	28.2	6.9	1347	1.94	1.5	5.0	1.5	4.3	156	0.9	0.3	10.3	134	4.47



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000429.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.001	0.005	0.01	
642946	Drill Core	0.136	13	31	0.72	37	0.111	<20	0.92	0.051	0.03	>100	0.18	2.8	<0.1	0.38	4	2.1	0.029	0.067	0.82
642947	Drill Core	0.094	9	29	3.20	196	0.056	<20	1.11	0.039	0.24	>100	0.23	2.3	0.4	1.10	6	3.4	0.022	0.083	1.80
642948	Drill Core	0.153	14	45	0.48	59	0.112	<20	0.77	0.060	0.03	>100	0.10	3.6	<0.1	0.36	3	1.7	0.028	0.047	0.69
642949	Drill Core	0.170	13	44	0.48	97	0.100	<20	0.94	0.099	0.03	>100	0.28	3.4	<0.1	0.53	4	1.3	0.020	0.109	1.01
642950	Drill Core	0.184	17	66	0.72	59	0.128	<20	0.94	0.082	0.03	>100	0.21	4.4	<0.1	0.23	4	1.0	0.019	0.088	1.02
642951	Drill Core	0.253	14	32	0.36	92	0.107	<20	1.11	0.139	0.03	>100	0.19	3.1	<0.1	0.31	4	1.0	0.019	0.082	0.92
642952	Drill Core	0.385	16	30	0.64	64	0.143	<20	1.14	0.118	0.02	>100	0.19	3.9	<0.1	0.34	5	1.0	0.029	0.065	1.12
642953	Drill Core	0.089	15	16	0.15	44	0.092	<20	0.23	0.032	0.04	>100	0.03	1.5	<0.1	0.34	1	3.7	0.024	0.020	0.15
642954	Drill Core	0.142	17	47	0.89	103	0.125	<20	1.52	0.125	0.03	>100	0.22	4.1	<0.1	0.40	5	1.7	0.026	0.083	1.61
642955	Drill Core	0.095	18	41	0.87	61	0.140	<20	0.80	0.069	0.02	>100	0.17	3.7	<0.1	0.28	4	1.9	0.034	0.076	0.88
642956	Drill Core	0.148	19	36	0.62	130	0.087	<20	1.85	0.095	0.05	>100	0.24	3.6	<0.1	0.50	7	1.3	0.030	0.090	1.43
642957	Drill Core	0.090	15	29	0.47	22	0.124	<20	0.53	0.052	0.04	>100	0.14	2.9	<0.1	0.57	3	4.1	0.029	0.113	0.56
642958	Drill Core	0.240	18	58	0.34	156	0.118	<20	1.33	0.101	0.05	>100	0.03	2.7	<0.1	0.33	6	2.2	0.025	0.045	0.84
642959	Drill Core	0.106	9	65	0.95	51	0.135	<20	0.97	0.085	0.19	>100	0.01	3.2	0.5	0.89	4	4.7	0.023	0.016	0.57
642960	Drill Core	0.102	8	72	1.09	237	0.108	<20	2.68	0.113	0.19	31.4	0.01	3.9	1.2	0.49	6	3.8	0.019	0.006	0.31
642961	Drill Core	0.104	9	90	1.31	85	0.147	<20	0.98	0.088	0.30	>100	0.04	4.9	0.6	0.70	5	3.8	0.020	0.044	0.67
642962	Drill Core	0.139	18	42	0.99	92	0.110	<20	1.48	0.227	0.04	>100	0.08	3.3	<0.1	0.54	6	2.5	0.025	0.100	1.71
642963	Drill Core	0.229	18	56	0.54	42	0.119	<20	0.91	0.101	0.03	>100	0.06	3.3	<0.1	0.40	4	2.3	0.017	0.075	0.98
642964	Drill Core	0.124	17	40	0.95	68	0.111	<20	1.20	0.155	0.03	>100	0.07	3.2	<0.1	0.42	5	2.1	0.020	0.115	1.49
642965	Rock Pulp	0.045	10	22	1.03	14	0.021	<20	0.95	0.035	0.16	>100	0.07	0.6	0.1	9.24	9	14.5	0.001	0.978	0.20
642966	Drill Core	0.005	<1	2	12.47	2	<0.001	<20	0.03	0.029	0.02	7.2	<0.01	0.1	<0.1	<0.05	<1	0.7	<0.001	<0.005	0.02
642967	Drill Core	0.131	15	34	0.47	106	0.128	<20	0.89	0.079	0.14	91.2	0.01	2.5	0.3	0.62	3	5.0	0.014	0.010	0.46
642968	Drill Core	0.126	15	45	0.56	55	0.128	<20	0.74	0.066	0.09	>100	0.03	3.0	0.1	0.54	3	4.0	0.016	0.034	0.63
642969	Drill Core	0.180	17	52	0.63	45	0.112	<20	0.86	0.057	0.03	>100	0.07	2.9	<0.1	0.33	4	2.0	0.026	0.058	0.95
642970	Drill Core	0.187	16	43	0.74	43	0.110	<20	0.87	0.077	0.02	>100	0.06	3.2	<0.1	0.31	4	1.8	0.013	0.069	1.24
642971	Drill Core	0.116	17	44	0.54	42	0.123	<20	0.67	0.061	0.04	>100	0.03	3.1	<0.1	0.46	3	3.8	0.021	0.055	0.64
642972	Drill Core	0.096	15	35	0.66	74	0.122	<20	0.70	0.049	0.09	>100	0.03	3.2	0.1	0.52	3	3.2	0.018	0.053	0.56
RRE 642972	Drill Core	0.089	19	48	0.54	42	0.149	<20	0.56	0.065	0.05	>100	0.03	3.5	<0.1	0.77	3	4.2	0.020	0.056	0.64
642973	Drill Core	0.103	16	36	0.68	74	0.131	<20	0.72	0.052	0.10	>100	0.03	3.4	0.1	0.56	3	3.5	0.017	0.040	0.47
642974	Drill Core	0.110	18	39	0.54	62	0.126	<20	0.96	0.059	0.08	>100	0.05	3.4	0.1	0.58	5	3.1	0.031	0.076	0.82



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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
642975	Drill Core	7.00	128.9	78.9	6.6	161	0.2	22.9	6.8	1677	2.01	1.4	3.0	0.7	4.3	75	1.3	0.2	3.2	85	5.12
642976	Drill Core	6.80	187.3	82.1	22.9	89	0.7	23.7	7.0	960	2.43	1.3	3.7	2.9	4.3	73	0.8	0.2	20.4	86	3.10
642977	Drill Core	7.10	180.5	103.5	35.7	191	1.1	23.7	7.2	1070	2.37	1.7	3.1	2.2	4.0	102	3.3	0.6	72.7	71	2.99
642978	Drill Core	7.10	255.1	120.5	8.4	85	0.2	27.8	8.2	919	2.08	6.8	3.0	2.0	4.5	133	0.6	0.5	3.9	86	2.56
642979	Drill Core	4.00	213.0	105.2	6.6	50	0.2	22.8	8.3	501	1.70	4.1	1.6	0.8	2.9	86	0.3	0.2	3.6	59	1.62
642980	Drill Core	7.10	164.5	59.6	3.1	139	<0.1	22.6	6.1	799	1.46	0.7	2.7	1.1	5.1	47	1.4	<0.1	1.1	65	3.06
642981	Drill Core	7.30	132.2	50.6	3.1	114	<0.1	28.8	5.2	664	1.22	0.7	3.4	1.1	5.1	39	1.1	<0.1	1.8	78	2.43
642982	Drill Core	5.50	97.5	75.5	3.9	72	<0.1	44.1	6.7	546	1.32	1.1	4.5	<0.5	5.6	75	0.7	0.1	0.9	112	2.20
642983	Drill Core	6.40	386.6	73.0	3.5	135	<0.1	47.0	8.0	2020	2.38	1.4	12.3	2.2	5.1	117	0.7	0.2	2.5	221	6.83
642984	Drill Core	6.00	394.8	116.2	18.6	160	0.4	47.2	8.6	1937	2.47	1.5	9.9	2.3	5.8	145	1.4	0.2	24.0	210	5.20
642985	Drill Core	5.30	161.5	149.3	6.4	271	0.2	41.4	13.1	3311	3.73	1.8	5.4	2.1	4.4	99	1.8	0.4	2.9	133	7.59
642986	Drill Core	4.40	582.4	110.9	4.0	147	0.1	56.0	10.3	1375	2.26	9.3	8.4	1.2	4.5	125	1.6	0.7	2.0	144	4.56
642987	Drill Core	3.60	135.4	72.9	3.7	93	<0.1	26.3	6.6	1047	1.64	1.1	3.4	<0.5	3.7	81	0.8	0.1	1.0	105	4.64
642988	Drill Core	5.70	228.3	116.8	88.9	166	1.8	45.4	9.2	1222	2.43	1.5	4.0	4.7	5.1	84	2.3	0.6	81.1	146	3.65
642989	Drill Core	5.40	212.9	129.4	21.9	175	0.7	29.5	9.8	1665	2.51	1.8	3.1	2.9	4.5	44	2.0	0.3	18.2	79	3.66
642990	Drill Core	4.00	211.7	111.0	116.7	66	2.8	34.4	9.2	581	1.98	18.0	2.4	4.4	4.2	72	0.6	1.1	110.7	100	1.73
642991	Drill Core	5.70	336.3	141.8	7.9	60	0.3	25.9	8.7	649	2.06	1.9	6.0	3.3	7.1	39	0.4	0.2	4.3	79	1.54
642992	Drill Core	6.00	269.7	138.7	5.5	89	0.2	31.7	9.7	631	2.24	<0.5	2.5	5.5	4.1	25	0.7	<0.1	5.4	79	1.76
642993	Drill Core	6.00	148.5	110.6	5.5	48	0.2	36.4	7.9	418	1.68	<0.5	2.2	5.5	3.9	29	0.4	<0.1	3.9	76	1.18
642994	Drill Core	5.40	210.4	91.1	4.4	59	0.1	31.0	7.2	476	1.57	1.1	2.1	2.7	4.8	63	0.2	0.2	1.0	70	1.64
642995	Drill Core	6.40	141.4	85.9	17.4	282	0.7	24.4	10.0	3432	3.32	<0.5	3.3	5.0	3.7	147	1.8	0.3	18.2	72	8.15
642996	Drill Core	2.70	172.3	91.9	5.6	128	0.1	22.0	6.9	906	1.77	<0.5	7.1	5.1	6.6	87	1.3	0.3	4.6	63	3.57
642997	Drill Core	5.60	308.5	85.8	4.8	155	0.1	23.7	6.9	905	1.84	<0.5	5.4	5.6	5.5	96	2.0	0.3	3.5	65	3.74
642998	Rock Pulp		590.7	110.8	10.5	78	0.1	14.2	5.6	623	2.20	1.0	2.3	3.3	4.9	137	0.4	0.3	0.7	22	1.19
642999	Drill Core	0.40	0.9	3.1	1.7	<1	<0.1	1.2	0.5	159	0.13	<0.5	0.1	<0.5	0.2	68	<0.1	<0.1	<0.1	<2	22.61
RRE 642999	Drill Core		1.2	2.5	1.6	<1	<0.1	1.0	0.4	155	0.12	<0.5	<0.1	0.7	0.1	66	<0.1	<0.1	<0.1	2	21.66



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
642975	Drill Core	0.132	18	47	1.15	52	0.148	<20	0.72	0.097	0.07	>100	0.03	3.9	<0.1	0.51	4	2.4	0.012	0.069	1.04
642976	Drill Core	0.107	17	46	0.65	91	0.137	<20	0.86	0.139	0.12	>100	0.10	3.6	0.2	1.48	4	3.4	0.019	0.141	0.89
642977	Drill Core	0.100	16	41	0.69	108	0.128	<20	0.77	0.144	0.15	>100	0.04	3.2	0.3	1.41	4	4.1	0.019	0.097	0.86
642978	Drill Core	0.121	18	39	0.76	148	0.129	<20	0.95	0.083	0.21	>100	0.05	4.0	0.4	0.99	4	5.0	0.027	0.071	0.72
642979	Drill Core	0.136	14	39	0.66	125	0.115	<20	0.70	0.054	0.18	>100	<0.01	3.2	0.3	0.78	3	4.8	0.023	0.032	0.40
642980	Drill Core	0.104	17	37	0.76	31	0.135	<20	0.52	0.084	0.04	>100	0.04	2.9	<0.1	0.43	3	2.9	0.019	0.055	0.73
642981	Drill Core	0.098	18	38	0.75	40	0.141	<20	0.44	0.064	0.06	>100	<0.01	2.7	<0.1	0.35	2	2.4	0.013	0.028	0.56
642982	Drill Core	0.107	20	39	0.55	43	0.142	<20	0.57	0.045	0.06	>100	0.01	2.9	<0.1	0.53	3	3.8	0.010	0.023	0.40
642983	Drill Core	0.152	21	62	0.73	74	0.147	<20	1.10	0.147	0.05	>100	0.11	4.0	<0.1	0.52	5	3.2	0.040	0.113	1.24
642984	Drill Core	0.118	21	46	0.71	89	0.158	<20	1.10	0.144	0.08	>100	0.04	3.7	0.1	0.73	5	3.6	0.039	0.120	1.10
642985	Drill Core	0.167	18	44	1.40	79	0.172	<20	1.12	0.213	0.09	>100	0.04	4.6	0.1	1.18	6	6.4	0.017	0.099	1.79
642986	Drill Core	0.118	18	81	0.80	161	0.130	<20	1.21	0.082	0.24	>100	<0.01	4.6	0.5	0.79	5	4.3	0.055	0.056	0.88
642987	Drill Core	0.148	18	41	0.54	45	0.128	<20	0.77	0.054	0.03	>100	<0.01	2.9	<0.1	0.45	4	3.3	0.014	0.044	0.69
642988	Drill Core	0.095	19	72	0.84	101	0.172	<20	0.92	0.167	0.12	>100	0.04	4.4	0.3	1.18	4	6.1	0.024	0.075	1.00
642989	Drill Core	0.110	19	39	1.15	44	0.151	<20	0.60	0.087	0.10	>100	0.07	3.7	0.3	0.96	4	5.1	0.023	0.110	0.87
642990	Drill Core	0.070	16	48	0.73	76	0.123	<20	0.79	0.046	0.17	64.7	<0.01	4.8	0.4	0.98	4	8.5	0.023	0.021	0.43
642991	Drill Core	0.081	16	35	0.58	120	0.143	<20	0.64	0.104	0.20	>100	0.04	4.3	0.3	0.98	3	6.2	0.038	0.046	0.47
642992	Drill Core	0.088	15	36	0.70	51	0.164	<20	0.45	0.068	0.11	>100	0.03	3.8	0.2	1.05	3	6.5	0.028	0.027	0.50
642993	Drill Core	0.068	15	35	0.50	49	0.134	<20	0.45	0.057	0.08	>100	0.02	3.3	0.1	0.85	2	4.5	0.016	0.016	0.36
642994	Drill Core	0.070	14	37	0.56	73	0.102	<20	0.60	0.050	0.09	>100	0.03	3.4	<0.1	0.69	3	3.7	0.024	0.026	0.27
642995	Drill Core	0.147	16	44	1.63	111	0.146	<20	1.12	0.138	0.12	>100	0.15	5.0	0.4	0.77	5	2.3	0.014	0.136	2.09
642996	Drill Core	0.111	16	39	0.63	49	0.131	<20	0.81	0.055	0.05	>100	0.09	3.8	<0.1	0.62	4	2.2	0.018	0.074	0.84
642997	Drill Core	0.104	16	39	0.65	52	0.131	<20	0.84	0.060	0.05	>100	0.05	3.7	<0.1	0.64	4	2.2	0.031	0.059	0.85
642998	Rock Pulp	0.076	18	17	0.46	133	0.018	<20	0.71	0.038	0.29	<0.1	<0.01	2.9	0.3	0.27	3	<0.5	0.065	<0.005	0.13
642999	Drill Core	0.004	<1	2	11.53	2	<0.001	<20	0.02	0.024	0.02	2.8	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
RRE 642999	Drill Core	0.004	<1	2	11.45	2	<0.001	<20	0.03	0.023	0.02	1.9	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02

QUALITY CONTROL REPORT

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Method	Analyte	Unit	MDL	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
				0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01
C3	Standard																						0.04
C3	Standard																						0.04
C3	Standard																						0.04
C3	Standard																						0.04
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C3	Standard																						0.04
C3	Standard																						0.04
C3	Standard																						0.04
Pulp Duplicates																							
643527	Rock Pulp			0.077	19	18	0.46	128	0.021	<20	0.73	0.042	0.29	1.0	<0.01	3.1	0.3	0.28	3	<0.5	0.069	<0.005	0.12
REP 643527	QC			0.080	19	20	0.46	131	0.022	<20	0.74	0.044	0.29	0.6	<0.01	3.2	0.3	0.28	3	<0.5			
643544	Drill Core			0.106	19	31	0.59	29	0.079	<20	1.12	0.059	0.06	>100	<0.01	3.0	0.1	0.11	6	0.8	0.022	0.107	1.26
REP 643544	QC																						1.26
643545	Drill Core			0.188	15	22	0.29	17	0.093	<20	0.59	0.067	0.02	>100	<0.01	2.1	<0.1	0.20	3	0.8	0.017	0.105	0.56
REP 643545	QC																				0.016	0.104	
643559	Drill Core			0.124	18	45	0.48	56	0.104	<20	1.32	0.028	0.04	>100	<0.01	3.4	<0.1	0.50	6	2.5	0.018	0.044	0.58
REP 643559	QC																						0.52
643560	Rock Pulp			0.051	10	23	1.09	14	0.023	<20	1.09	0.040	0.17	>100	<0.01	0.8	0.1	>10	9	14.8	0.001	1.040	0.15
REP 643560	QC			0.047	9	22	1.02	13	0.021	<20	1.04	0.037	0.16	>100	<0.01	0.7	0.1	7.90	9	12.7			
643583	Drill Core			0.072	17	35	0.88	134	0.141	<20	0.62	0.051	0.20	>100	<0.01	3.2	0.5	0.56	4	2.7	0.024	0.045	0.43
REP 643583	QC																				0.026	0.046	
643591	Drill Core			0.113	23	45	1.00	157	0.126	<20	1.43	0.376	0.26	>100	<0.01	5.4	0.8	1.22	6	5.0	0.147	0.440	1.30
REP 643591	QC																						1.33
643600	Drill Core			0.115	22	32	0.63	230	0.072	<20	1.27	0.216	0.23	>100	<0.01	4.0	0.5	0.74	5	1.8	0.030	0.163	0.93
REP 643600	QC																				0.028	0.157	
643617	Drill Core			0.002	18	7	0.02	6	0.004	<20	0.20	0.039	0.11	>100	<0.01	1.7	0.1	0.27	1	1.0	0.048	0.058	0.02
REP 643617	QC			0.002	17	8	0.02	6	0.004	<20	0.21	0.040	0.11	>100	<0.01	1.7	0.1	0.27	1	0.6			
643625	Drill Core			0.120	18	40	0.95	43	0.088	<20	0.62	0.051	0.07	>100	<0.01	3.2	0.2	0.94	3	2.3	0.029	0.107	0.97

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Project: Northern Dancer
Report Date: February 29, 2008

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QUALITY CONTROL REPORT

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		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
REP 643625	QC																				
643636	Drill Core	6.40	226.8	74.7	14.5	13	0.4	1.2	1.6	154	0.82	1.0	34.7	3.1	22.5	4	0.2	0.2	8.1	<2	0.14
REP 643636	QC		226.2	76.7	14.1	12	0.4	1.9	1.9	152	0.84	1.1	33.4	3.6	22.0	4	0.2	0.2	7.6	<2	0.14
643641	Drill Core	6.30	220.0	42.5	14.1	9	0.4	1.1	1.3	222	0.63	2.7	50.4	4.6	32.5	14	0.2	0.1	3.8	<2	0.18
REP 643641	QC																				
RRE 643667	Drill Core		155.0	29.2	45.4	12	1.0	1.1	1.1	266	0.66	1.2	49.3	3.4	27.1	4	0.2	0.2	51.7	<2	0.10
REP RRE 643667	QC																				
643678	Drill Core	5.90	250.3	33.9	10.9	11	0.1	1.0	1.1	214	0.73	0.7	44.1	3.3	21.9	1	<0.1	<0.1	1.4	<2	0.11
REP 643678	QC		249.3	34.0	12.7	12	0.1	1.0	1.4	240	0.74	0.6	41.3	2.1	21.9	2	0.2	0.1	1.5	<2	0.12
643681	Drill Core	6.10	268.2	42.4	9.6	19	0.1	1.0	1.6	358	1.00	<0.5	50.2	3.7	36.3	1	0.1	<0.1	1.6	<2	0.05
REP 643681	QC																				
643699	Drill Core	5.50	485.1	49.6	16.8	8	0.2	1.3	1.7	210	0.61	3.8	47.0	3.8	29.1	4	0.5	0.6	0.7	<2	0.08
REP 643699	QC																				
643701	Drill Core	6.30	406.0	45.0	16.2	14	0.1	1.2	1.6	261	0.65	0.6	52.7	2.1	37.0	3	0.2	0.2	32.9	<2	0.06
REP 643701	QC																				
642906	Drill Core	8.10	94.6	35.8	28.0	44	0.6	12.6	5.1	577	1.23	0.6	1.1	1.2	1.7	95	0.5	0.1	24.4	37	2.69
REP 642906	QC		91.5	36.1	19.8	42	0.4	13.1	4.6	550	1.21	0.7	1.2	<0.5	1.6	92	0.4	0.1	16.6	38	2.56
642922	Drill Core	7.90	61.2	6.0	44.8	127	0.8	9.4	1.9	2157	0.93	2.2	7.7	1.5	3.2	134	2.2	0.4	8.4	57	10.49
REP 642922	QC		61.3	5.9	42.3	121	0.8	9.0	1.9	2159	0.95	1.6	7.6	1.9	3.1	133	2.2	0.4	7.9	53	10.46
RRE 642928	Drill Core		111.8	24.8	12.7	180	0.2	13.2	4.0	1780	1.39	0.9	2.9	1.6	2.5	72	2.7	0.1	5.4	65	4.28
REP RRE 642928	QC																				
642946	Drill Core	3.30	270.5	48.5	7.3	122	0.3	24.2	5.1	2084	1.83	1.5	3.6	2.9	2.2	92	1.1	0.2	6.6	107	5.27
REP 642946	QC																				
642964	Drill Core	1.50	178.8	72.0	2.1	149	<0.1	18.5	6.6	2552	2.28	1.2	4.5	<0.5	3.2	184	0.8	0.2	0.9	86	8.02
REP 642964	QC																				
642976	Drill Core	6.80	187.3	82.1	22.9	89	0.7	23.7	7.0	960	2.43	1.3	3.7	2.9	4.3	73	0.8	0.2	20.4	86	3.10
REP 642976	QC																				
642979	Drill Core	4.00	213.0	105.2	6.6	50	0.2	22.8	8.3	501	1.70	4.1	1.6	0.8	2.9	86	0.3	0.2	3.6	59	1.62
REP 642979	QC		214.2	103.0	6.3	50	0.1	22.7	8.6	496	1.66	4.1	1.6	0.9	3.0	83	0.2	0.2	3.1	63	1.61

QUALITY CONTROL REPORT

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01
REP 643625	QC																				0.96
643636	Drill Core	0.005	10	13	0.03	2	0.005	<20	0.18	0.039	0.13	>100	<0.01	1.7	0.2	0.40	1	0.6	0.024	0.030	0.02
REP 643636	QC	0.005	10	16	0.03	2	0.005	<20	0.19	0.039	0.13	>100	<0.01	1.7	0.2	0.40	1	0.5			
643641	Drill Core	0.002	13	11	0.02	3	0.005	<20	0.20	0.045	0.14	>100	<0.01	1.6	0.1	0.22	1	0.7	0.022	0.020	0.02
REP 643641	QC																		0.022	0.020	
RRE 643667	Drill Core	0.001	12	9	0.05	<1	0.012	<20	0.22	0.052	0.13	>100	<0.01	2.4	0.2	0.17	1	1.0	0.017	0.018	0.02
REP RRE 643667	QC																				0.02
643678	Drill Core	0.001	9	8	0.04	1	0.015	<20	0.19	0.064	0.09	>100	<0.01	1.5	0.1	0.20	1	0.7	0.026	0.014	0.02
REP 643678	QC	0.002	9	11	0.04	1	0.016	<20	0.20	0.068	0.09	>100	<0.01	1.5	0.1	0.20	1	<0.5			
643681	Drill Core	0.002	17	7	0.12	2	0.036	<20	0.27	0.054	0.20	>100	<0.01	3.9	0.4	0.28	2	0.6	0.029	0.014	0.09
REP 643681	QC																		0.029	0.013	
643699	Drill Core	0.001	8	6	0.03	2	0.008	<20	0.19	0.046	0.10	78.4	<0.01	2.2	0.2	0.27	1	1.3	0.055	0.009	0.01
REP 643699	QC																		0.049	0.008	
643701	Drill Core	0.002	15	8	0.04	2	0.012	<20	0.18	0.055	0.14	>100	<0.01	2.5	0.2	0.28	1	0.7	0.044	0.014	0.01
REP 643701	QC																				0.01
642906	Drill Core	0.107	10	20	0.43	79	0.115	<20	0.77	0.055	0.23	>100	<0.01	1.7	0.6	0.31	3	2.1	0.010	0.015	0.25
REP 642906	QC	0.107	9	19	0.43	79	0.119	<20	0.82	0.054	0.22	>100	<0.01	1.7	0.6	0.28	3	2.0			
642922	Drill Core	0.172	17	28	0.25	24	0.048	25	0.75	0.018	0.02	>100	0.10	1.6	<0.1	<0.05	3	0.7	0.007	0.046	0.67
REP 642922	QC	0.158	17	26	0.25	24	0.045	25	0.75	0.016	0.02	>100	0.09	1.4	<0.1	<0.05	3	0.6			
RRE 642928	Drill Core	0.145	14	30	0.45	33	0.097	<20	0.67	0.035	0.03	>100	0.11	2.5	<0.1	0.11	3	0.8	0.013	0.056	0.55
REP RRE 642928	QC																				0.54
642946	Drill Core	0.136	13	31	0.72	37	0.111	<20	0.92	0.051	0.03	>100	0.18	2.8	<0.1	0.38	4	2.1	0.029	0.067	0.82
REP 642946	QC																		0.029	0.068	
642964	Drill Core	0.124	17	40	0.95	68	0.111	<20	1.20	0.155	0.03	>100	0.07	3.2	<0.1	0.42	5	2.1	0.020	0.115	1.49
REP 642964	QC																		0.019	0.113	
642976	Drill Core	0.107	17	46	0.65	91	0.137	<20	0.86	0.139	0.12	>100	0.10	3.6	0.2	1.48	4	3.4	0.019	0.141	0.89
REP 642976	QC																				0.82
642979	Drill Core	0.136	14	39	0.66	125	0.115	<20	0.70	0.054	0.18	>100	<0.01	3.2	0.3	0.78	3	4.8	0.023	0.032	0.40
REP 642979	QC	0.136	15	39	0.64	123	0.116	<20	0.69	0.051	0.19	>100	<0.01	3.0	0.3	0.75	3	4.8			

QUALITY CONTROL REPORT

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
LIBF200	Standard																				0.12	
LIBF200	Standard																					0.14
LIBF200	Standard																					0.14
LIBF200	Standard																					0.15
LIBF200	Standard																					0.13
LIBF200	Standard																					0.13
LIBF200	Standard																					0.14
LIBF200	Standard																					0.14
LIBF200	Standard																					0.13
Reference Materials																						
STD DS7	Standard	0.073	13	168	1.05	360	0.119	46	1.01	0.086	0.43	4.0	0.18	2.4	4.1	0.20	5	3.7				
STD DS7	Standard	0.081	12	193	1.01	359	0.114	67	1.01	0.098	0.40	3.7	0.18	3.1	4.6	0.20	5	3.9				
STD DS7	Standard	0.085	14	205	1.08	415	0.141	38	1.03	0.093	0.45	3.8	0.19	2.2	4.4	0.20	5	4.1				
STD DS7	Standard	0.080	15	201	1.07	415	0.146	34	1.03	0.097	0.45	3.9	0.21	2.5	4.4	0.20	5	3.3				
STD DS7	Standard	0.079	13	180	1.05	386	0.135	38	0.98	0.094	0.46	3.7	0.20	2.4	4.6	0.21	4	3.9				
STD DS7	Standard	0.075	12	192	1.01	386	0.134	33	0.95	0.084	0.42	3.5	0.18	2.2	4.0	0.21	4	3.1				
STD DS7	Standard	0.083	12	162	1.05	395	0.099	50	0.99	0.089	0.43	4.4	0.22	2.0	4.4	0.20	5	4.4				
STD DS7	Standard	0.082	13	185	1.08	414	0.106	48	1.05	0.097	0.47	3.5	0.22	2.2	4.4	0.21	5	3.4				
STD DS7	Standard	0.080	12	169	1.00	397	0.093	38	0.91	0.070	0.43	3.9	0.21	2.2	4.2	0.20	4	3.9				
STD DS7	Standard	0.081	12	180	1.03	397	0.097	37	0.96	0.072	0.44	3.5	0.21	2.2	4.4	0.19	4	4.0				
STD DS7	Standard	0.081	14	196	1.06	385	0.120	40	1.02	0.100	0.45	4.0	0.20	2.5	4.3	0.21	5	3.9				
STD DS7	Standard	0.082	14	203	1.06	391	0.121	51	1.03	0.102	0.45	3.8	0.21	2.5	4.4	0.21	5	4.0				
STD DS7	Standard	0.080	12	174	1.00	387	0.106	30	0.96	0.089	0.44	3.6	0.17	2.3	4.0	0.19	5	2.9				
STD DS7	Standard	0.074	12	170	1.01	391	0.110	27	0.96	0.087	0.43	3.3	0.19	2.2	4.2	0.19	5	3.1				
STD DS7	Standard	0.080	12	176	1.03	412	0.093	37	0.95	0.072	0.47	3.5	0.21	1.9	4.6	0.20	5	3.9				
STD DS7	Standard	0.084	13	178	1.08	430	0.103	41	1.02	0.084	0.49	3.5	0.23	2.5	4.7	0.21	5	4.4				
STD DS7	Standard	0.078	13	193	1.03	355	0.122	32	1.02	0.084	0.41	3.2	0.19	2.5	3.9	0.20	5	3.8				
STD DS7	Standard	0.081	14	199	1.06	368	0.121	34	1.02	0.086	0.41	3.7	0.20	2.5	4.1	0.21	5	3.9				
STD KP-1	Standard																			0.223	0.752	

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
STD KP-1	Standard																		0.225	0.770		
STD KP-1	Standard																		0.224	0.723		
STD KP-1	Standard																		0.226	0.754		
STD KP-1	Standard																		0.223	0.709		
STD KP-1	Standard																		0.222	0.706		
STD KP-1	Standard																		0.225	0.727		
STD KP-1	Standard																		0.227	0.714		
STD KP-1	Standard																		0.229	0.741		
STD KP-1	Standard																		0.226	0.730		
STD KP-1	Standard																		0.229	0.712		
STD KP-1	Standard																		0.227	0.711		
STD KP-1	Standard																		0.224	0.675		
STD KP-1	Standard																		0.232	0.717		
STD KP-1	Standard																		0.223	0.694		
STD KP-1	Standard																		0.223	0.700		
STD KP-1	Standard																		0.218	0.731		
STD KP-1	Standard																		0.221	0.754		
STD KP-1 Expected																			0.22	0.74		
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5				
LIBF200 Expected																						0.1
C3 Expected																						0.042
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		
BLK	Blank																		<0.001	<0.005		

QUALITY CONTROL REPORT

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		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.2	1.7	2.6	49	<0.1	5.1	4.4	549	1.75	<0.5	2.2	<0.5	3.6	55	<0.1	<0.1	<0.1	36	0.41

QUALITY CONTROL REPORT

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
BLK	Blank																			<0.001	<0.005	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
Prep Wash																						
G1	Prep Blank	0.073	6	7	0.59	213	0.124	<20	0.88	0.048	0.48	<0.1	<0.01	1.7	0.4	<0.05	5	<0.5	<0.001	<0.005	0.05	



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Submitted By: Farshid Ghazanfari
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: November 14, 2007
 Report Date: February 29, 2008
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CERTIFICATE OF ANALYSIS

SMI07000430.1

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07ND38-42
 P.O. Number: ACME FILE: A718843
 Number of Samples: 303

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
 STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

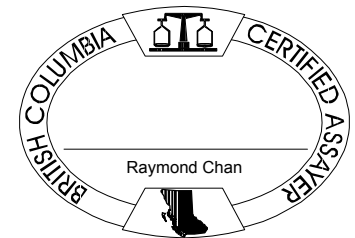
Invoice To: Largo Resources Ltd.
 65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5
 Canada

CC: Carl Schulze

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	295	Crush, split & pulverize drill core to 150 mesh		
1DX	303	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
7KP	303	Phosphoric acid leach, ICP-ES analysis	0.5	Completed
8-Fluorine	303	NaOH fusion, analysis by specific ion electrode	0.1	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643000	Drill Core	4.10	144.4	100.4	22.4	183	1.1	27.0	8.3	1571	2.61	1.4	2.9	5.2	4.3	178	1.3	0.2	31.4	73	5.19
643001	Drill Core	7.20	242.5	81.7	4.2	165	0.1	28.5	6.4	1117	1.70	1.9	3.8	2.3	4.5	87	1.9	0.1	3.0	100	3.66
643002	Drill Core	7.60	155.7	74.5	3.7	136	0.1	28.8	6.4	1158	1.70	1.6	4.2	2.2	4.3	110	1.3	0.1	1.9	109	3.61
643003	Drill Core	7.20	250.8	98.0	3.5	150	0.1	37.7	8.5	933	1.98	1.2	3.8	3.8	4.3	69	1.4	<0.1	1.8	133	3.37
643004	Drill Core	6.40	255.2	131.1	3.1	232	0.2	25.9	8.5	2517	3.02	1.2	3.1	4.9	4.3	100	1.5	<0.1	5.2	80	5.52
643005	Drill Core	7.00	355.1	140.5	3.1	68	0.1	23.8	6.9	806	1.96	0.7	2.0	2.9	3.5	66	0.4	<0.1	0.9	60	1.87
643006	Drill Core	7.10	762.2	177.6	3.8	189	0.1	30.9	8.9	1372	2.54	0.7	4.7	3.0	5.0	91	2.0	0.1	6.8	81	3.55
643007	Drill Core	6.50	516.7	345.4	12.7	294	0.4	21.4	13.0	1804	3.82	2.9	2.7	3.1	4.0	153	3.8	0.5	145.9	63	4.51
643008	Drill Core	3.40	291.4	100.7	2.8	75	<0.1	18.3	7.1	366	1.54	<0.5	2.9	4.1	4.8	46	0.5	<0.1	1.6	50	1.39
643009	Drill Core	6.00	483.8	61.1	16.2	6	0.1	1.8	3.4	73	0.88	0.8	14.8	5.6	11.7	12	0.2	0.7	90.7	2	0.35
643010	Drill Core	6.30	596.5	33.8	20.7	8	0.1	1.4	1.5	102	0.51	1.6	19.9	3.6	12.3	13	<0.1	0.3	14.7	<2	0.20
643011	Drill Core	6.00	439.0	40.9	21.1	4	0.3	1.1	1.5	80	0.49	0.6	25.9	2.1	16.2	11	<0.1	0.3	26.8	<2	0.22
643012	Drill Core	6.80	731.7	26.4	21.1	7	0.2	1.5	1.1	112	0.50	1.6	24.0	4.9	14.5	7	<0.1	0.3	17.5	<2	0.14
643013	Drill Core	6.60	558.3	45.7	43.2	6	0.4	1.0	1.6	91	0.50	6.3	30.9	3.5	18.3	53	<0.1	0.6	78.1	<2	0.31
643014	Drill Core	5.50	391.8	43.5	23.9	5	0.3	1.3	1.4	90	0.47	6.1	25.6	4.1	15.8	43	0.1	0.6	13.1	<2	0.32
643015	Drill Core	4.40	441.8	45.5	26.4	6	0.3	0.8	1.4	119	0.56	9.0	30.6	4.9	20.1	41	<0.1	0.9	27.4	<2	0.47
643016	Drill Core	6.80	443.7	43.0	19.0	10	0.1	1.2	1.4	141	0.58	2.2	31.0	2.6	20.0	9	0.1	0.5	28.1	<2	0.16
643017	Drill Core	6.70	333.9	37.3	17.6	6	<0.1	1.0	1.9	127	0.60	1.0	32.8	3.5	21.4	7	<0.1	0.2	10.0	<2	0.16
643018	Drill Core	6.60	327.6	27.6	22.9	11	0.2	1.2	1.0	152	0.53	1.1	28.5	3.9	16.9	5	<0.1	0.2	4.4	<2	0.17
643019	Drill Core	6.70	508.3	31.6	20.2	9	0.1	0.9	1.1	137	0.44	4.0	25.6	4.8	14.6	9	<0.1	0.5	1.2	<2	0.21
643020	Drill Core	6.40	629.9	37.5	50.6	11	0.2	1.7	1.7	201	0.78	5.9	33.0	5.6	19.6	15	<0.1	1.3	299.7	<2	0.28
643021	Drill Core	7.90	582.0	32.4	25.3	8	0.2	1.0	1.2	184	0.48	5.6	30.3	4.0	16.3	16	<0.1	0.7	23.2	<2	0.29
643022	Drill Core	5.10	482.8	48.8	165.8	6	0.3	1.8	2.6	172	1.72	9.5	29.1	5.2	15.8	17	<0.1	4.5	627.9	<2	0.41
643023	Drill Core	6.00	514.5	55.1	47.4	14	0.2	1.8	1.9	146	0.52	12.3	33.9	3.2	18.6	25	0.4	1.9	88.3	2	0.48
643024	Drill Core	7.30	529.1	51.3	25.0	12	0.5	3.8	2.5	184	0.76	9.4	25.7	5.6	16.5	20	0.3	0.8	13.7	3	0.42
643025	Drill Core	4.50	547.0	94.2	10.3	58	0.1	78.7	8.9	544	1.69	2.9	14.8	6.9	10.1	62	0.4	0.4	1.3	55	0.97
RRE 643025	Drill Core		615.5	101.1	9.7	60	0.1	73.9	9.7	574	1.70	3.6	13.8	4.8	9.2	60	0.3	0.5	1.4	55	1.04
643026	Drill Core	5.10	601.1	38.7	15.3	4	<0.1	1.7	1.7	90	0.46	4.8	31.0	3.7	19.4	103	0.4	0.4	0.6	<2	0.42
643027	Drill Core	5.80	630.6	35.0	16.7	4	<0.1	2.1	1.2	95	0.41	5.1	31.3	3.4	19.2	22	0.4	0.3	1.4	<2	0.34
643028	Drill Core	5.50	351.7	107.1	15.7	27	0.1	8.4	5.0	499	1.35	4.5	19.5	9.9	12.9	30	0.1	0.3	10.9	23	0.95



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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643000	Drill Core	0.153	17	43	0.95	244	0.147	<20	1.71	0.313	0.19	>100	<0.01	5.0	0.2	1.26	7	4.0	0.017	0.226	1.57
643001	Drill Core	0.152	18	44	0.52	48	0.130	<20	0.83	0.097	0.05	>100	<0.01	3.0	<0.1	0.55	4	3.4	0.026	0.055	0.78
643002	Drill Core	0.195	18	47	0.48	43	0.133	<20	0.81	0.124	0.03	>100	<0.01	3.1	<0.1	0.48	3	3.3	0.018	0.057	0.80
643003	Drill Core	0.149	16	69	0.78	46	0.140	<20	0.84	0.107	0.09	>100	<0.01	4.2	0.1	0.73	4	3.8	0.027	0.090	0.88
643004	Drill Core	0.098	18	38	0.95	69	0.142	<20	1.25	0.214	0.06	>100	<0.01	4.3	<0.1	0.96	6	5.1	0.027	0.101	1.63
643005	Drill Core	0.084	14	35	0.54	105	0.111	<20	0.87	0.211	0.16	>100	<0.01	3.2	0.3	0.88	4	4.9	0.042	0.090	0.70
643006	Drill Core	0.102	19	38	0.76	104	0.133	<20	1.09	0.272	0.12	>100	<0.01	5.2	0.2	1.07	5	5.3	0.086	0.126	1.16
643007	Drill Core	0.114	18	36	1.35	167	0.119	<20	1.78	0.402	0.41	>100	<0.01	8.2	1.5	1.91	8	7.5	0.057	1.031	1.65
643008	Drill Core	0.096	16	26	0.45	83	0.109	<20	0.71	0.116	0.17	>100	<0.01	4.1	0.4	0.69	3	3.2	0.033	0.111	0.49
643009	Drill Core	0.008	3	11	0.03	11	0.006	<20	0.18	0.042	0.08	>100	<0.01	1.6	0.1	0.61	<1	1.8	0.051	0.039	0.06
643010	Drill Core	0.005	4	15	0.01	7	0.003	<20	0.17	0.042	0.09	>100	<0.01	1.3	0.1	0.29	<1	1.2	0.062	0.023	0.05
643011	Drill Core	0.003	5	10	<0.01	7	0.003	<20	0.16	0.039	0.09	>100	<0.01	1.4	0.1	0.29	<1	1.2	0.049	0.033	0.04
643012	Drill Core	0.019	7	14	<0.01	6	0.003	<20	0.16	0.045	0.09	>100	<0.01	1.4	<0.1	0.25	1	1.5	0.083	0.030	0.02
643013	Drill Core	0.002	5	9	0.01	10	0.003	<20	0.23	0.039	0.09	>100	<0.01	1.4	0.1	0.36	1	1.8	0.062	0.028	0.03
643014	Drill Core	0.002	4	11	<0.01	9	0.002	<20	0.25	0.042	0.10	>100	<0.01	1.4	0.1	0.31	<1	1.3	0.043	0.034	0.03
643015	Drill Core	0.003	7	7	0.01	8	0.002	<20	0.47	0.040	0.07	>100	<0.01	1.4	0.1	0.41	1	1.0	0.048	0.027	0.03
643016	Drill Core	0.003	7	11	0.01	6	0.003	<20	0.17	0.041	0.09	>100	<0.01	1.6	0.1	0.30	1	1.1	0.049	0.037	0.02
643017	Drill Core	0.002	8	10	0.01	4	0.003	<20	0.15	0.034	0.08	>100	<0.01	1.7	<0.1	0.29	1	0.9	0.037	0.024	0.02
643018	Drill Core	0.005	5	13	0.01	4	0.003	<20	0.16	0.040	0.08	>100	<0.01	1.5	<0.1	0.25	1	0.9	0.036	0.014	0.02
643019	Drill Core	0.014	6	10	<0.01	6	0.002	<20	0.17	0.036	0.08	>100	<0.01	1.5	<0.1	0.25	1	1.0	0.057	0.043	0.03
643020	Drill Core	0.001	6	14	0.01	7	0.002	<20	0.21	0.044	0.10	>100	<0.01	1.9	0.1	0.55	1	3.7	0.071	0.040	0.03
643021	Drill Core	0.006	6	11	<0.01	7	0.002	<20	0.15	0.034	0.09	>100	<0.01	2.0	0.1	0.33	1	1.1	0.059	0.022	0.02
643022	Drill Core	0.008	6	11	<0.01	7	0.002	<20	0.17	0.034	0.09	>100	<0.01	1.6	0.2	1.71	<1	3.6	0.049	0.035	0.02
643023	Drill Core	0.004	7	14	<0.01	10	0.002	<20	0.26	0.051	0.12	>100	0.03	2.0	0.1	0.44	<1	2.0	0.053	0.050	0.03
643024	Drill Core	0.022	8	18	0.05	21	0.006	<20	0.28	0.055	0.15	>100	0.03	2.4	0.2	0.54	1	1.9	0.061	0.092	0.07
643025	Drill Core	0.053	10	121	1.17	268	0.099	<20	0.88	0.078	0.71	>100	0.02	5.8	1.4	0.58	3	4.1	0.054	0.053	0.45
RRE 643025	Drill Core	0.052	10	118	1.22	281	0.097	<20	0.89	0.080	0.65	>100	<0.01	5.8	1.3	0.59	3	4.9	0.063	0.055	0.47
643026	Drill Core	0.002	6	9	0.01	25	0.003	<20	0.29	0.051	0.11	>100	<0.01	1.9	0.1	0.31	1	1.2	0.066	0.033	0.06
643027	Drill Core	0.003	7	9	0.01	14	0.003	<20	0.19	0.051	0.12	>100	<0.01	1.8	0.1	0.26	<1	1.4	0.064	0.029	0.04
643028	Drill Core	0.038	10	18	0.21	88	0.050	<20	0.48	0.101	0.22	>100	0.03	4.1	0.3	0.70	3	3.2	0.039	0.075	0.32

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643029	Drill Core	2.90	429.1	29.6	22.4	9	0.2	1.3	1.4	148	0.61	2.4	34.2	3.0	24.1	14	0.1	0.2	3.0	<2	0.34
643030	Drill Core	5.30	536.4	36.0	19.2	10	0.2	1.1	1.2	140	0.56	2.3	31.4	2.4	21.4	12	<0.1	0.2	2.2	<2	0.29
643031	Rock Pulp		14.5	5025	4.3	60	2.2	119.5	84.5	744	29.12	7.0	2.7	491.9	2.5	76	0.4	0.3	933.7	8	3.57
643032	Drill Core	0.50	1.5	3.2	2.0	1	<0.1	2.4	0.8	172	0.21	0.6	0.2	<0.5	0.2	76	<0.1	<0.1	0.6	<2	23.23
643033	Drill Core	4.80	375.1	44.4	17.1	6	0.2	1.8	1.8	136	0.63	8.5	25.4	4.4	17.7	12	0.3	0.4	4.5	<2	0.28
643034	Drill Core	5.30	529.5	52.4	19.5	6	0.1	2.0	1.9	137	0.68	2.9	29.7	3.5	22.2	17	0.4	0.2	0.7	<2	0.37
643035	Drill Core	5.60	311.1	35.2	18.0	12	<0.1	3.6	2.3	230	0.81	7.1	29.1	6.5	22.3	48	0.1	0.5	1.4	4	0.70
643036	Drill Core	5.60	350.4	45.0	20.6	12	0.1	2.2	1.9	157	0.63	11.7	29.1	5.1	25.8	41	0.4	0.5	0.6	<2	0.57
643037	Drill Core	1.80	442.0	46.7	74.5	199	0.6	3.5	2.9	186	0.76	35.4	21.2	12.3	18.3	99	2.5	0.9	2.8	<2	0.70
643038	Drill Core	6.80	1194	102.9	19.5	46	0.2	8.2	5.3	700	1.49	29.7	21.5	4.6	18.0	65	0.7	0.9	0.7	7	1.64
643039	Drill Core	2.70	623.3	115.7	17.7	37	0.3	10.0	6.6	640	1.48	35.3	25.8	4.9	25.1	84	0.4	1.1	2.6	5	2.51
643040	Drill Core	6.80	438.7	152.7	4.7	152	0.2	28.3	10.6	1103	2.53	4.9	3.3	5.0	4.9	135	1.8	0.8	2.8	86	3.56
643041	Drill Core	7.70	279.7	170.3	4.4	138	0.2	33.7	11.4	1706	3.28	1.3	7.2	6.4	6.2	96	1.3	0.2	1.1	134	3.69
643042	Drill Core	6.80	252.5	119.3	4.5	273	0.2	31.8	10.1	1860	2.48	0.7	3.9	3.3	4.8	78	3.7	0.2	2.9	83	4.91
643043	Drill Core	2.60	325.0	172.3	3.3	160	0.2	28.6	13.6	3043	3.39	<0.5	3.2	4.0	3.5	149	0.7	0.2	1.1	75	7.43
643044	Drill Core	5.30	241.6	174.6	4.5	49	0.2	37.0	9.9	396	2.03	<0.5	2.0	3.4	3.6	35	0.3	<0.1	1.9	77	0.91
643045	Drill Core	3.20	185.4	213.0	7.7	69	0.4	25.1	13.8	746	3.69	2.8	1.5	3.4	2.5	87	0.5	0.2	5.3	67	1.78
643046	Drill Core	6.90	426.3	100.4	5.2	149	0.2	20.8	8.3	939	2.17	2.0	2.0	1.5	4.2	160	2.1	0.7	5.8	55	3.31
643047	Drill Core	3.70	502.4	231.3	37.1	64	1.0	25.1	8.1	719	2.08	0.9	3.2	3.9	4.7	172	0.9	0.4	79.9	48	2.33
643048	Drill Core	3.40	384.8	257.3	6.8	119	0.6	24.3	10.0	1876	3.52	5.6	2.1	4.7	3.2	160	0.9	0.4	3.0	66	4.72
643049	Drill Core	3.10	643.9	134.4	2.8	79	0.2	23.4	8.6	794	2.09	1.7	3.1	3.9	3.2	96	0.6	0.3	1.5	51	2.20
643050	Drill Core	6.50	463.6	160.8	52.8	69	2.6	26.3	9.6	652	2.48	1.7	2.1	2.9	4.6	102	0.6	0.9	72.6	78	1.60
643051	Drill Core	5.40	255.0	204.5	22.7	93	0.9	29.6	11.9	716	2.64	1.6	2.1	4.0	4.0	105	1.2	0.5	24.8	62	1.66
643052	Drill Core	4.10	328.4	129.3	5.1	59	0.2	24.4	8.9	400	1.85	1.3	2.0	3.9	4.6	67	0.5	0.1	4.4	72	1.08
643053	Drill Core	7.00	153.5	105.6	5.7	226	0.2	19.7	7.4	1733	2.39	1.5	3.9	3.6	5.2	77	2.0	0.4	2.6	58	4.17
643054	Drill Core	2.20	186.9	68.8	65.6	758	0.9	19.7	6.3	1200	1.87	21.8	13.0	4.5	9.0	122	13.2	3.5	4.2	37	3.93
643055	Drill Core	5.20	554.8	118.2	13.0	200	0.3	23.5	7.6	1008	2.08	11.1	3.0	3.6	4.8	100	2.4	1.4	2.6	57	3.09
643056	Drill Core	0.90	>2000	156.4	11.0	192	1.7	19.9	15.9	1673	4.04	217.7	7.1	9.6	7.8	133	0.8	18.1	1.7	29	3.63
643057	Drill Core	5.20	320.1	87.1	4.6	96	0.1	18.4	6.0	1169	1.77	7.9	3.7	2.8	5.8	120	0.5	0.7	1.2	44	3.12
643058	Drill Core	3.70	178.1	81.4	5.1	144	0.1	23.7	5.5	752	1.57	4.5	3.9	3.7	5.9	141	1.8	0.4	2.1	62	2.37



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Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643029	Drill Core	0.001	10	8	0.01	6	0.003	<20	0.17	0.044	0.10	>100	<0.01	1.5	0.1	0.34	1	0.8	0.048	0.021	0.03
643030	Drill Core	0.001	9	11	<0.01	6	0.002	<20	0.16	0.037	0.08	>100	<0.01	1.4	<0.1	0.33	<1	1.3	0.058	0.023	0.03
643031	Rock Pulp	0.051	11	23	1.17	17	0.023	<20	1.18	0.041	0.18	>100	0.09	0.8	0.2	>10	10	17.2	<0.001	1.364	0.16
643032	Drill Core	0.007	1	2	12.57	1	<0.001	<20	0.03	0.024	0.02	1.2	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643033	Drill Core	0.011	6	15	<0.01	8	0.002	<20	0.17	0.035	0.10	>100	<0.01	1.7	0.1	0.40	<1	1.1	0.038	0.024	0.02
643034	Drill Core	0.002	8	13	0.04	10	0.002	<20	0.20	0.044	0.11	>100	0.01	1.5	0.1	0.41	<1	1.7	0.056	0.030	0.03
643035	Drill Core	0.013	10	11	0.07	21	0.005	<20	0.42	0.051	0.18	>100	0.03	2.9	0.3	0.54	2	1.8	0.034	0.050	0.16
643036	Drill Core	0.003	10	8	0.02	18	0.002	<20	0.27	0.042	0.13	>100	<0.01	2.0	0.1	0.41	1	1.2	0.039	0.029	0.06
643037	Drill Core	0.008	6	4	0.12	41	<0.001	<20	1.01	0.011	0.14	74.2	0.01	0.9	0.6	0.61	2	3.2	0.049	0.013	0.13
643038	Drill Core	0.031	12	8	0.26	29	0.002	<20	0.71	0.025	0.16	>100	<0.01	4.4	0.3	0.95	2	2.9	0.132	0.022	0.15
643039	Drill Core	0.043	15	7	0.20	28	<0.001	<20	0.50	0.029	0.14	>100	0.03	4.1	0.3	1.06	2	3.5	0.065	0.049	0.13
643040	Drill Core	0.123	19	40	0.63	180	0.146	<20	1.60	0.207	0.16	>100	0.09	4.3	0.3	1.05	6	6.5	0.046	0.102	0.78
643041	Drill Core	0.188	18	54	0.50	42	0.139	<20	1.01	0.104	0.05	>100	0.08	4.3	<0.1	1.22	5	6.1	0.027	0.168	0.78
643042	Drill Core	0.166	19	42	1.11	38	0.162	<20	0.88	0.091	0.05	>100	0.04	4.3	<0.1	0.75	5	5.1	0.026	0.092	0.95
643043	Drill Core	0.097	15	32	2.14	152	0.143	39	1.34	0.277	0.18	>100	0.05	4.0	0.2	1.02	6	6.3	0.034	0.174	2.26
643044	Drill Core	0.086	14	34	0.57	80	0.141	<20	0.51	0.044	0.14	>100	<0.01	3.3	0.2	1.09	3	8.7	0.027	0.027	0.28
643045	Drill Core	0.135	13	27	0.60	59	0.164	<20	0.87	0.129	0.27	>100	0.03	4.6	0.4	2.63	4	10.0	0.021	0.086	0.55
643046	Drill Core	0.115	16	31	0.70	160	0.115	<20	2.04	0.092	0.25	>100	0.02	4.3	0.6	0.58	7	3.7	0.046	0.104	0.77
643047	Drill Core	0.112	15	38	0.67	249	0.106	<20	1.36	0.212	0.22	>100	0.05	3.6	0.3	1.09	6	4.6	0.054	0.207	0.72
643048	Drill Core	0.125	15	27	1.18	170	0.098	<20	1.40	0.204	0.21	>100	0.09	4.7	0.5	1.69	8	6.5	0.043	0.216	0.85
643049	Drill Core	0.173	13	33	0.33	144	0.101	<20	0.78	0.137	0.09	>100	0.03	2.9	0.2	0.86	4	5.2	0.066	0.147	0.52
643050	Drill Core	0.108	19	36	0.76	102	0.120	<20	0.83	0.050	0.19	>100	<0.01	4.7	0.4	1.33	4	7.5	0.047	0.058	0.36
643051	Drill Core	0.107	17	31	0.62	83	0.140	<20	0.80	0.059	0.14	>100	<0.01	3.8	0.3	1.42	4	10.8	0.027	0.073	0.45
643052	Drill Core	0.103	17	34	0.73	105	0.123	<20	0.66	0.035	0.22	>100	<0.01	3.5	0.5	0.88	3	6.9	0.035	0.024	0.29
643053	Drill Core	0.091	16	33	1.13	38	0.118	<20	0.75	0.061	0.04	>100	0.06	3.0	<0.1	0.81	4	5.1	0.017	0.102	0.84
643054	Drill Core	0.080	16	21	0.58	57	0.019	<20	1.57	0.025	0.17	>100	<0.01	3.9	0.5	0.74	5	2.7	0.018	0.018	0.51
643055	Drill Core	0.098	16	34	0.78	98	0.073	<20	1.10	0.035	0.15	>100	0.03	3.4	0.5	0.87	5	4.8	0.060	0.052	0.51
643056	Drill Core	0.035	12	10	0.73	45	0.002	<20	2.81	0.014	0.14	>100	0.11	7.6	2.4	1.98	11	4.3	0.470	0.375	0.34
643057	Drill Core	0.060	15	28	1.12	115	0.069	<20	0.81	0.038	0.22	>100	0.03	3.4	0.5	0.58	4	3.6	0.037	0.089	0.56
643058	Drill Core	0.084	17	32	0.76	134	0.100	<20	1.05	0.039	0.19	>100	0.03	3.1	0.4	0.52	4	5.3	0.020	0.028	0.42



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643059	Drill Core	4.60	186.1	120.9	12.6	272	0.3	21.3	7.0	1459	2.18	5.8	4.7	29.4	6.3	188	3.2	0.6	8.6	60	4.61
643060	Drill Core	3.80	164.7	124.6	3.8	72	0.7	29.8	6.8	1300	2.19	0.9	8.2	8.6	6.2	42	0.2	0.2	0.7	102	2.10
643061	Drill Core	4.00	199.1	74.2	2.5	141	0.1	24.9	6.6	1725	2.05	1.1	6.8	6.1	6.1	63	0.5	1.0	1.7	142	4.80
643062	Drill Core	1.90	532.9	140.9	5.9	102	0.2	35.8	9.1	1010	2.35	3.9	4.8	5.6	6.7	136	0.3	0.5	1.1	98	2.20
643063	Drill Core	1.70	220.8	163.9	6.5	129	0.2	36.5	9.7	983	2.46	4.1	4.6	5.7	6.3	121	1.2	0.6	1.1	89	2.44
643064	Rock Pulp		14.7	4599	4.5	60	2.3	123.0	81.1	759	29.24	5.8	2.6	529.7	2.6	68	0.2	0.3	897.8	9	3.53
643065	Drill Core	0.30	2.8	3.0	2.4	1	<0.1	1.8	0.6	189	0.17	0.8	0.2	<0.5	0.2	75	<0.1	<0.1	<0.1	<2	25.61
643066	Drill Core	3.90	1287	63.2	299.4	21	10.8	3.8	1.8	98	1.35	1.5	16.6	9.6	17.4	62	1.3	4.0	330.0	<2	1.16
643067	Drill Core	7.30	113.1	78.8	5.5	182	0.2	26.3	6.5	1056	1.86	1.5	3.5	4.7	4.6	64	1.3	1.2	2.7	104	3.68
RRE 643067	Drill Core		72.4	92.6	8.1	157	0.2	26.7	6.8	917	1.77	1.6	3.5	4.8	4.6	60	1.5	0.9	4.3	101	3.34
643068	Drill Core	6.80	347.9	196.4	16.6	113	0.6	42.9	13.2	1350	2.87	0.8	3.7	8.8	4.3	38	0.7	0.3	10.5	131	2.39
643069	Drill Core	6.80	278.6	119.9	4.2	63	0.1	36.7	7.3	555	1.69	<0.5	7.6	9.4	6.0	28	0.4	0.1	4.4	108	1.51
643070	Drill Core	5.50	160.5	125.1	6.1	50	0.2	37.2	7.0	451	1.50	0.7	3.4	14.0	4.2	29	0.6	<0.1	14.2	105	1.40
643071	Drill Core	2.80	230.6	351.2	5.4	138	0.4	41.9	19.3	3878	5.93	1.3	2.8	8.9	3.8	59	0.3	0.6	1.6	92	8.22
643072	Drill Core	7.10	121.3	118.0	7.3	51	0.1	42.9	9.2	622	1.69	1.8	4.3	7.8	6.3	43	0.1	0.2	6.1	75	1.31
643073	Drill Core	3.50	302.6	108.7	9.2	62	0.3	30.5	7.9	802	1.59	5.4	6.3	3.4	6.6	70	0.3	0.7	3.8	55	1.77
643074	Drill Core	4.60	148.8	90.3	6.1	42	0.1	24.7	5.2	583	1.34	4.3	14.5	9.7	11.1	79	0.3	0.3	2.1	53	1.27
643075	Drill Core	5.30	244.0	177.2	5.0	45	0.2	18.0	10.2	624	2.15	1.5	1.5	3.6	3.7	74	<0.1	0.3	0.8	42	1.27
643076	Drill Core	7.30	145.0	240.9	17.5	57	0.6	18.7	16.6	838	3.50	2.2	1.2	2.7	3.0	28	0.2	0.5	13.5	72	1.74
643077	Drill Core	3.60	792.1	312.0	103.4	213	1.2	24.3	14.6	1158	3.67	1.4	2.2	5.4	3.2	52	2.6	0.6	2.0	73	2.26
643078	Drill Core	3.00	601.4	184.2	19.5	122	0.5	35.0	12.7	2312	3.69	4.9	6.3	6.3	7.4	192	0.8	0.8	1.6	200	6.24
643079	Drill Core	1.90	>2000	107.8	15.7	33	0.2	8.5	4.7	337	1.12	2.6	33.8	11.1	23.8	27	<0.1	0.1	1.2	22	0.92
643080	Drill Core	8.30	350.9	157.3	12.8	111	0.4	33.8	8.6	917	2.07	4.1	3.8	3.1	5.3	74	0.8	0.5	1.5	81	2.50
643081	Drill Core	7.10	1552	290.1	54.4	160	2.0	28.8	14.8	1711	4.81	3.1	3.0	7.5	4.6	104	1.1	1.2	51.5	107	3.34
643082	Drill Core	6.50	924.9	64.4	40.7	10	1.1	2.3	1.9	159	0.70	1.9	46.5	5.9	35.8	23	<0.1	0.4	54.6	2	0.52
643083	Drill Core	6.80	605.8	59.5	14.6	6	0.3	1.3	1.8	103	0.53	2.2	36.4	7.1	29.5	22	<0.1	0.1	4.6	<2	0.44
643084	Drill Core	6.80	758.6	109.4	95.3	11	5.4	2.5	3.7	150	1.17	1.6	36.5	5.8	28.2	21	0.1	1.1	145.9	2	0.47
643085	Drill Core	6.20	766.1	50.6	32.0	8	0.7	1.1	1.8	178	0.54	4.3	37.0	4.4	42.4	30	<0.1	0.2	21.2	<2	0.54
643086	Drill Core	5.70	440.1	63.0	26.2	7	0.2	1.8	1.7	168	0.75	5.0	35.2	7.7	40.1	28	<0.1	0.2	0.9	<2	0.64
643087	Drill Core	4.80	478.8	69.8	22.7	9	0.2	1.9	2.1	150	0.71	7.7	35.8	5.1	38.1	40	<0.1	0.2	0.5	<2	0.82



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643059	Drill Core	0.108	20	38	0.69	186	0.092	<20	1.38	0.155	0.16	>100	0.10	4.0	0.2	0.65	6	5.1	0.019	0.084	0.92
643060	Drill Core	0.078	18	47	0.54	33	0.113	<20	0.61	0.119	0.05	>100	0.05	3.9	<0.1	0.78	3	4.4	0.018	0.067	0.66
643061	Drill Core	0.129	19	51	0.42	23	0.122	<20	1.23	0.085	0.02	>100	0.10	3.0	<0.1	0.47	5	2.6	0.021	0.091	0.95
643062	Drill Core	0.112	25	57	0.81	187	0.148	<20	1.09	0.084	0.29	>100	0.09	5.8	0.7	0.91	6	5.2	0.053	0.084	0.65
643063	Drill Core	0.117	23	61	0.73	163	0.154	<20	1.09	0.103	0.23	>100	0.09	5.2	0.5	1.10	5	6.0	0.022	0.088	0.65
643064	Rock Pulp	0.050	11	23	1.11	17	0.024	<20	1.11	0.038	0.17	>100	0.14	0.7	0.2	>10	9	15.9	0.001	1.054	0.13
643065	Drill Core	0.008	1	2	12.59	3	<0.001	<20	0.03	0.028	0.03	4.2	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643066	Drill Core	0.013	8	14	<0.01	52	0.003	<20	0.38	0.100	0.18	>100	0.04	1.2	0.4	1.40	2	3.9	0.134	0.146	0.23
643067	Drill Core	0.086	18	56	0.60	56	0.135	<20	1.14	0.109	0.10	>100	0.09	3.5	0.3	0.54	4	3.6	0.011	0.080	0.82
RRE 643067	Drill Core	0.079	18	49	0.59	68	0.127	<20	1.26	0.136	0.12	>100	0.08	3.8	0.4	0.61	5	3.9	0.008	0.078	0.90
643068	Drill Core	0.078	20	59	0.44	35	0.153	<20	0.71	0.063	0.03	>100	0.14	4.1	<0.1	1.33	4	8.0	0.038	0.135	0.60
643069	Drill Core	0.065	14	49	0.32	37	0.129	<20	0.43	0.061	0.04	>100	0.04	3.1	<0.1	0.71	3	5.9	0.031	0.060	0.37
643070	Drill Core	0.099	17	41	0.27	42	0.142	<20	0.31	0.051	0.03	>100	0.04	2.5	<0.1	0.74	2	7.3	0.016	0.033	0.31
643071	Drill Core	0.114	22	40	3.07	52	0.125	<20	1.36	0.105	0.09	>100	0.23	5.5	0.1	2.24	8	15.5	0.022	0.223	1.85
643072	Drill Core	0.064	16	54	0.62	87	0.154	<20	0.56	0.035	0.11	>100	<0.01	4.2	0.2	0.73	3	6.5	0.011	0.019	0.33
643073	Drill Core	0.069	14	41	0.62	71	0.066	<20	0.75	0.028	0.13	>100	0.01	4.4	0.3	0.63	4	5.0	0.031	0.025	0.30
643074	Drill Core	0.061	15	38	0.39	136	0.103	<20	0.57	0.128	0.18	>100	0.02	4.7	0.3	0.62	3	4.1	0.016	0.024	0.51
643075	Drill Core	0.080	12	29	0.67	61	0.113	<20	0.66	0.067	0.13	>100	0.03	2.8	0.2	1.06	3	6.1	0.026	0.038	0.39
643076	Drill Core	0.120	11	20	1.06	62	0.137	<20	0.95	0.074	0.22	>100	0.03	3.9	0.5	2.03	4	11.2	0.015	0.039	0.58
643077	Drill Core	0.102	11	20	1.04	86	0.149	<20	1.23	0.125	0.24	>100	0.07	4.7	0.5	1.94	4	10.1	0.083	0.094	0.89
643078	Drill Core	0.116	20	52	0.89	80	0.130	<20	1.70	0.139	0.14	>100	0.09	6.8	0.2	1.11	8	6.0	0.056	0.081	1.32
643079	Drill Core	0.034	13	10	0.28	51	0.054	<20	0.42	0.044	0.15	>100	<0.01	2.2	0.3	0.73	2	5.1	0.229	0.023	0.24
643080	Drill Core	0.111	19	45	0.73	88	0.116	<20	1.17	0.092	0.17	>100	0.05	4.2	0.4	0.81	5	5.6	0.037	0.063	0.72
643081	Drill Core	0.115	18	41	1.10	145	0.142	<20	2.15	0.381	0.52	>100	0.13	8.9	1.5	2.39	10	6.9	0.162	0.144	1.26
643082	Drill Core	0.004	17	16	0.04	17	0.007	<20	0.26	0.044	0.14	>100	<0.01	1.9	0.2	0.40	1	1.3	0.091	0.018	0.10
643083	Drill Core	0.002	10	10	0.03	13	0.005	<20	0.18	0.034	0.08	>100	<0.01	1.5	<0.1	0.33	<1	0.8	0.070	0.018	0.05
643084	Drill Core	0.004	8	12	0.06	17	0.010	<20	0.23	0.039	0.12	>100	0.05	2.5	0.2	0.94	1	2.6	0.079	0.084	0.08
643085	Drill Core	0.004	25	18	0.04	11	0.003	<20	0.20	0.046	0.11	>100	0.01	2.0	0.1	0.34	1	1.9	0.074	0.064	0.09
643086	Drill Core	0.002	25	9	0.03	16	0.004	<20	0.24	0.045	0.16	64.7	<0.01	1.6	0.2	0.56	1	1.4	0.046	0.008	0.12
643087	Drill Core	0.003	22	10	0.02	15	0.002	<20	0.22	0.042	0.12	>100	0.04	1.3	0.2	0.60	1	1.6	0.050	0.071	0.10

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Client: **Largo Resources Ltd.**

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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
RRE 643087	Drill Core		302.9	52.2	21.4	7	0.1	1.9	1.6	167	0.60	4.6	36.0	4.2	38.4	38	<0.1	0.1	0.3	<2	0.78
643088	Drill Core	5.70	245.0	162.2	8.7	75	0.2	17.4	10.1	1004	2.51	3.1	10.2	6.6	9.4	56	0.5	0.3	2.3	80	1.99
643089	Drill Core	2.80	575.0	275.7	10.1	59	0.4	65.7	16.0	818	3.45	9.8	5.3	5.5	5.7	75	0.1	0.5	6.5	119	2.27
643090	Drill Core	5.80	294.9	115.0	24.0	118	0.4	25.1	6.8	811	1.63	1.7	3.5	4.6	5.9	48	1.2	0.3	11.4	61	2.07
643091	Drill Core	1.60	333.2	136.1	5.6	82	0.1	19.3	6.9	1104	2.09	1.5	23.3	15.7	16.0	288	0.4	0.3	1.9	81	3.06
643092	Drill Core	5.40	189.6	89.6	7.4	152	0.2	33.3	8.2	1342	1.75	2.1	5.4	8.5	5.6	101	2.3	0.5	12.9	136	4.52
643093	Drill Core	2.90	235.3	103.1	10.9	179	0.2	30.6	10.1	1694	2.32	3.0	14.6	11.3	8.8	119	1.9	0.4	2.8	157	5.35
643094	Drill Core	6.10	247.0	112.8	9.6	202	0.2	37.6	9.4	2288	2.47	1.8	5.5	8.0	5.2	150	2.3	0.5	6.0	172	7.44
643095	Drill Core	3.30	926.3	212.4	11.6	241	0.4	38.3	15.2	1147	2.94	3.1	3.6	6.1	5.2	70	5.2	0.4	8.2	104	3.20
643096	Drill Core	3.00	347.8	222.5	8.8	160	0.3	38.1	11.7	1002	2.56	1.7	3.6	6.4	5.3	69	2.8	0.3	4.1	98	3.15
643097	Rock Pulp		12.0	4637	3.6	56	2.2	114.1	80.6	719	29.03	5.4	2.1	487.0	2.1	60	0.3	0.2	787.0	7	3.25
643098	Drill Core	0.50	3.0	3.5	1.8	1	<0.1	1.6	0.7	165	0.12	1.0	0.1	1.8	0.1	65	<0.1	<0.1	<0.1	2	24.55
643099	Drill Core	7.40	359.1	115.6	9.2	85	0.2	31.1	7.8	653	1.55	2.4	16.9	7.9	14.0	59	1.5	0.4	4.1	80	2.43
643100	Drill Core	2.40	275.5	132.6	12.7	126	0.5	46.6	10.0	1608	2.15	2.1	4.5	4.4	4.9	151	1.6	0.5	5.6	173	4.20
643101	Drill Core	3.40	417.6	111.9	25.0	171	0.5	40.4	9.2	1374	1.80	2.0	4.2	3.3	5.2	92	3.0	1.3	2.6	125	4.46
643102	Drill Core	4.50	289.2	151.5	20.1	248	0.6	41.5	11.6	2387	2.99	37.5	3.9	9.6	4.9	327	2.9	0.8	5.9	146	7.17
643103	Drill Core	6.70	310.1	187.8	7.8	114	0.3	41.1	11.4	1103	2.28	1.6	3.2	7.7	5.2	51	1.6	0.3	5.6	90	2.82
643104	Drill Core	7.20	330.2	277.7	148.6	329	4.8	40.6	11.3	1395	2.59	1.6	3.3	10.4	4.4	48	7.9	0.5	98.4	96	3.22
643105	Drill Core	6.70	102.5	169.0	13.6	128	0.3	44.3	11.0	536	2.05	0.6	2.4	16.8	3.7	23	2.3	0.2	53.9	82	1.46
643106	Drill Core	5.10	1233	205.4	13.8	96	0.4	44.2	12.9	1220	3.09	2.2	3.2	6.3	5.4	35	1.2	0.3	1.9	85	2.05
643107	Drill Core	6.40	682.2	141.6	8.9	73	0.2	41.3	10.7	824	2.17	1.0	0.9	2.6	2.8	33	0.6	0.3	2.6	53	1.57
643108	Drill Core	1.60	788.7	162.1	8.2	121	0.2	48.7	16.3	1971	3.95	5.3	1.3	1.9	4.0	229	0.5	0.9	1.0	87	4.52
643109	Drill Core	7.80	335.0	121.9	4.3	156	0.1	47.3	11.3	1557	2.64	0.8	4.6	5.8	4.5	107	2.0	0.4	6.3	172	6.19
643110	Drill Core	7.00	163.9	194.2	27.2	109	0.5	51.0	12.7	1052	2.34	1.3	3.9	5.9	5.2	107	1.4	0.3	30.3	119	3.86
643111	Drill Core	7.30	594.3	118.1	9.9	93	0.2	44.3	10.8	1043	1.93	1.5	4.2	3.6	4.6	101	1.0	0.4	4.9	121	3.71
643112	Drill Core	1.90	118.0	130.3	9.7	95	0.2	43.6	10.1	1408	2.23	1.0	3.9	6.2	4.6	104	0.7	0.5	17.1	152	4.76
643707	Drill Core	3.90	125.5	79.1	63.3	228	0.9	35.9	8.7	3597	2.92	1.4	4.7	2.8	3.3	92	2.9	0.3	5.4	157	7.37
643708	Drill Core	6.90	233.7	68.8	23.1	150	0.3	21.3	6.0	2282	1.92	1.3	3.4	1.6	2.8	49	2.4	0.3	4.1	61	3.81
643709	Drill Core	5.50	127.7	98.5	30.8	235	0.5	20.6	5.6	3033	2.58	1.6	7.0	2.9	4.4	55	2.7	0.3	12.8	79	5.53
643710	Drill Core	6.40	110.5	20.5	41.7	302	0.5	21.9	4.8	2936	2.05	1.2	5.0	2.0	3.3	97	4.3	0.3	7.9	125	6.45



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
RRE 643087	Drill Core	0.004	23	7	0.02	15	0.003	<20	0.22	0.041	0.12	>100	0.03	1.4	0.1	0.43	1	0.9	0.031	0.047	0.09
643088	Drill Core	0.097	12	26	0.90	82	0.112	<20	1.03	0.075	0.24	>100	0.02	4.5	0.5	1.05	4	6.8	0.027	0.045	0.45
643089	Drill Core	0.169	16	32	0.56	75	0.094	<20	1.02	0.034	0.14	>100	0.02	4.3	0.3	1.87	5	15.8	0.062	0.032	0.32
643090	Drill Core	0.077	17	41	0.72	46	0.155	<20	0.51	0.043	0.09	>100	0.02	3.5	0.2	0.69	3	4.8	0.032	0.036	0.49
643091	Drill Core	0.067	16	28	0.33	59	0.083	<20	0.97	0.120	0.06	>100	0.05	4.0	<0.1	0.80	4	3.7	0.037	0.055	0.84
643092	Drill Core	0.127	19	43	0.41	53	0.089	<20	1.16	0.071	0.02	>100	<0.01	2.7	<0.1	0.60	4	3.9	0.022	0.120	0.85
643093	Drill Core	0.099	18	55	0.59	95	0.088	<20	1.29	0.076	0.07	>100	<0.01	3.5	0.1	0.82	6	3.7	0.026	0.109	0.88
643094	Drill Core	0.127	21	58	0.74	68	0.110	<20	1.36	0.070	0.03	>100	<0.01	4.0	<0.1	0.63	6	4.0	0.025	0.103	1.17
643095	Drill Core	0.094	21	45	0.64	62	0.159	<20	0.87	0.089	0.05	>100	<0.01	4.0	<0.1	1.23	5	8.5	0.091	0.084	0.63
643096	Drill Core	0.103	19	38	0.58	47	0.155	<20	0.78	0.059	0.04	>100	<0.01	3.8	<0.1	1.21	4	8.5	0.036	0.080	0.60
643097	Rock Pulp	0.044	10	22	1.07	14	0.018	<20	1.06	0.031	0.16	>100	<0.01	0.6	0.1	>10	9	17.3	<0.001	1.007	0.13
643098	Drill Core	0.007	<1	2	12.26	1	<0.001	<20	0.03	0.033	0.02	2.8	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
643099	Drill Core	0.079	20	37	0.31	40	0.090	<20	0.71	0.059	0.06	>100	<0.01	3.1	0.1	0.75	3	5.7	0.039	0.035	0.41
643100	Drill Core	0.125	19	56	0.57	87	0.107	<20	1.18	0.061	0.02	>100	<0.01	3.0	<0.1	0.70	4	6.0	0.029	0.056	0.76
643101	Drill Core	0.117	19	55	0.61	77	0.103	<20	1.09	0.046	0.04	>100	<0.01	2.7	<0.1	0.66	4	5.4	0.044	0.043	0.77
643102	Drill Core	0.138	22	53	0.85	238	0.007	<20	2.14	0.033	0.32	>100	<0.01	4.4	0.6	0.96	8	5.6	0.030	0.083	1.14
643103	Drill Core	0.121	20	45	0.47	50	0.115	<20	0.74	0.063	0.04	>100	<0.01	2.7	<0.1	1.03	3	8.5	0.031	0.054	0.45
643104	Drill Core	0.142	18	54	0.70	44	0.135	<20	0.87	0.065	0.08	>100	<0.01	3.7	0.2	1.28	4	8.4	0.033	0.095	0.67
643105	Drill Core	0.096	15	44	0.50	42	0.118	<20	0.47	0.035	0.08	>100	<0.01	2.7	0.1	1.09	3	8.3	0.014	0.067	0.31
643106	Drill Core	0.093	14	48	0.78	28	0.110	<20	0.73	0.056	0.05	>100	<0.01	4.3	<0.1	1.46	6	6.3	0.131	0.134	0.50
643107	Drill Core	0.090	7	71	1.04	40	0.105	<20	0.78	0.055	0.16	>100	<0.01	4.1	0.4	0.82	4	4.4	0.071	0.074	0.47
643108	Drill Core	0.095	13	129	2.19	315	0.028	<20	2.04	0.054	0.37	>100	<0.01	9.1	1.1	0.82	11	4.8	0.081	0.175	0.89
643109	Drill Core	0.132	20	61	0.66	257	0.127	<20	1.24	0.058	0.02	>100	<0.01	4.0	<0.1	0.83	7	5.8	0.036	0.144	1.07
643110	Drill Core	0.131	20	46	0.62	147	0.111	62	1.09	0.070	0.03	>100	<0.01	3.6	<0.1	1.11	6	6.3	0.018	0.305	0.66
643111	Drill Core	0.134	19	48	0.54	78	0.132	<20	1.02	0.083	0.03	>100	<0.01	3.2	<0.1	0.79	5	6.4	0.062	0.046	0.71
643112	Drill Core	0.133	18	63	0.71	55	0.143	<20	1.22	0.118	0.04	>100	<0.01	4.1	<0.1	0.73	5	5.0	0.013	0.143	0.93
643707	Drill Core	0.201	17	68	0.66	43	0.132	<20	1.18	0.070	0.05	>100	<0.01	4.0	0.1	0.18	6	1.4	0.013	0.071	1.38
643708	Drill Core	0.144	14	32	0.51	30	0.117	<20	0.69	0.037	0.04	>100	<0.01	2.8	0.1	0.11	3	1.1	0.025	0.079	0.63
643709	Drill Core	0.197	15	44	0.54	20	0.097	<20	0.79	0.052	0.01	>100	<0.01	3.0	<0.1	0.42	4	1.5	0.014	0.051	1.00
643710	Drill Core	0.186	16	48	0.53	41	0.088	<20	1.04	0.027	0.02	>100	<0.01	2.6	<0.1	<0.05	5	0.6	0.013	0.052	1.05

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643711	Drill Core	6.40	57.4	20.4	9.0	109	<0.1	10.9	4.4	2313	1.34	0.9	19.4	7.8	12.6	107	1.0	0.2	2.3	47	7.74
643712	Drill Core	6.50	317.2	158.5	78.3	344	1.2	20.1	8.6	4119	3.43	4.1	8.8	5.1	7.2	105	5.8	0.8	48.1	65	6.04
643713	Drill Core	5.20	270.3	23.0	61.0	400	0.7	16.0	5.8	4596	2.91	1.6	4.4	2.9	3.2	179	6.2	0.5	11.0	67	8.26
643714	Drill Core	6.70	266.2	56.2	21.6	160	0.3	18.0	6.5	4103	2.73	2.7	5.0	6.6	2.2	111	1.5	0.3	12.1	77	10.83
643715	Drill Core	7.40	206.1	98.8	31.4	147	0.4	18.4	7.1	1703	2.01	2.3	3.3	1.7	2.9	145	2.8	0.2	7.3	58	7.91
643716	Drill Core	6.10	142.5	14.1	24.4	79	0.3	8.8	2.6	1591	1.07	1.2	3.0	1.1	3.2	130	1.1	0.3	3.0	37	4.06
643717	Drill Core	8.40	56.0	34.9	37.0	239	0.4	15.7	4.5	1686	1.45	1.2	3.1	1.9	3.2	80	2.3	0.3	12.5	65	3.31
643718	Drill Core	6.40	563.5	138.9	24.8	159	0.4	41.1	9.9	2642	3.03	2.1	7.9	2.6	6.0	126	1.6	0.3	8.1	213	6.08
643719	Drill Core	6.40	525.6	109.7	5.1	101	0.1	25.0	8.9	2180	2.40	0.8	4.4	3.0	3.4	72	0.6	0.5	1.2	80	4.28
643720	Drill Core	6.50	1570	93.2	4.7	66	0.1	27.4	7.6	1032	1.58	0.6	5.4	3.0	3.4	39	0.8	<0.1	2.1	69	2.37
643721	Drill Core	5.50	301.2	64.5	2.9	43	<0.1	25.7	6.0	533	1.14	0.6	2.7	0.8	3.0	27	0.2	0.1	1.2	58	1.66
643722	Drill Core	5.90	577.6	150.7	3.0	68	0.2	114.0	23.3	646	3.25	<0.5	1.4	2.5	2.1	23	<0.1	<0.1	2.7	78	1.33
643723	Drill Core	6.80	322.9	168.3	5.2	77	0.3	76.9	18.3	939	3.13	0.9	1.8	4.3	2.6	45	0.2	<0.1	5.2	84	1.97
643724	Drill Core	3.20	392.1	154.9	4.1	64	0.2	83.1	20.1	742	2.94	0.7	1.8	4.6	2.7	28	0.3	<0.1	3.1	77	1.53
643725	Rock Pulp		602.9	106.7	10.0	82	0.1	16.1	5.6	633	2.22	2.1	2.4	4.8	5.1	135	0.2	0.2	0.8	24	1.21
643726	Drill Core	0.30	1.5	3.0	1.9	1	<0.1	2.4	0.6	166	0.15	0.5	0.1	<0.5	0.1	71	<0.1	<0.1	<0.1	<2	23.24
643727	Drill Core	6.90	611.0	186.4	10.1	257	0.3	103.4	17.8	1259	3.05	0.7	1.7	3.0	2.7	97	4.0	0.2	10.5	93	2.26
643728	Drill Core	7.60	414.2	95.1	4.6	62	0.1	35.0	7.2	1030	1.67	1.1	4.9	2.0	5.4	55	0.4	0.1	1.1	67	2.32
643729	Drill Core	6.80	591.0	55.9	2.5	58	<0.1	28.3	6.2	934	1.42	1.3	3.9	1.3	4.8	36	0.3	<0.1	1.1	81	2.24
RRE 643729	Drill Core		520.7	61.0	2.5	59	<0.1	25.5	6.2	979	1.43	0.8	3.9	2.2	5.1	48	0.3	<0.1	1.0	53	2.15
643730	Drill Core	6.40	386.9	109.0	3.8	69	0.1	29.3	9.5	735	1.89	0.8	3.0	3.1	4.0	26	0.6	<0.1	2.7	62	1.79
643731	Drill Core	6.90	414.7	55.0	2.3	84	<0.1	24.3	8.1	1925	2.14	0.7	5.2	3.0	5.0	39	0.5	0.1	1.1	86	3.90
643732	Drill Core	6.40	311.9	94.0	31.2	376	0.5	37.1	6.6	2313	2.16	2.2	7.0	3.1	4.7	61	6.3	0.5	21.2	134	4.30
643733	Drill Core	6.40	1233	55.9	3.3	40	<0.1	19.7	4.7	839	1.26	0.8	12.3	4.1	13.4	46	0.4	0.2	1.1	49	1.97
643734	Drill Core	4.60	781.2	85.7	19.3	83	0.3	37.3	7.0	943	1.54	0.9	6.7	5.3	6.1	44	1.1	0.1	2.5	103	2.33
643735	Drill Core	4.20	1176	153.2	113.4	249	1.4	47.2	13.5	681	2.46	1.5	2.5	5.9	4.2	34	5.3	0.3	11.2	63	1.40
643736	Drill Core	6.10	553.1	182.5	25.4	108	0.5	53.8	15.3	674	2.76	1.0	1.7	5.3	4.1	29	1.6	0.1	3.5	79	1.45
643737	Drill Core	6.80	832.2	98.4	4.6	55	0.2	60.6	8.1	766	1.61	1.4	25.5	4.9	8.4	53	1.0	0.1	1.4	150	2.03
643738	Drill Core	6.00	1009	90.0	4.5	56	0.2	80.1	7.8	746	1.56	1.4	44.8	4.3	7.2	53	0.6	0.2	3.0	203	2.05
643739	Drill Core	6.90	596.8	139.3	25.6	129	0.5	58.1	7.5	907	1.70	6.4	33.6	3.0	7.2	152	2.3	0.7	6.9	131	2.63



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine % 0.01	
643711	Drill Core	0.111	17	26	0.67	111	0.086	<20	0.69	0.110	0.09	>100	<0.01	3.1	0.1	0.06	4	<0.5	0.006	0.025	1.01
643712	Drill Core	0.138	20	36	1.02	50	0.099	<20	1.35	0.049	0.08	>100	<0.01	4.1	0.2	0.35	7	2.3	0.037	0.126	1.30
643713	Drill Core	0.140	16	37	0.88	78	0.083	<20	1.29	0.020	0.15	>100	<0.01	3.1	0.4	0.06	7	1.0	0.031	0.089	1.05
643714	Drill Core	0.139	16	44	0.54	30	0.085	<20	0.94	0.030	0.01	>100	<0.01	3.0	<0.1	0.23	5	0.8	0.027	0.119	1.33
643715	Drill Core	0.134	16	24	0.24	75	0.127	<20	0.87	0.029	0.06	>100	<0.01	1.7	0.1	0.43	4	3.0	0.022	0.031	0.52
643716	Drill Core	0.143	15	18	0.35	37	0.092	<20	0.99	0.024	0.03	>100	<0.01	1.2	<0.1	<0.05	4	<0.5	0.015	0.048	0.47
643717	Drill Core	0.117	15	26	0.45	34	0.122	<20	0.72	0.029	0.06	>100	<0.01	2.0	<0.1	0.06	3	0.7	0.006	0.027	0.46
643718	Drill Core	0.149	20	60	0.77	99	0.128	<20	1.09	0.218	0.06	>100	<0.01	3.7	0.1	0.89	5	3.2	0.063	0.121	1.37
643719	Drill Core	0.108	15	31	0.78	49	0.117	<20	0.71	0.073	0.04	>100	<0.01	2.7	<0.1	0.60	4	3.0	0.054	0.116	0.90
643720	Drill Core	0.116	15	29	0.59	29	0.129	<20	0.40	0.052	0.02	>100	<0.01	2.4	<0.1	0.63	2	5.1	0.162	0.038	0.44
643721	Drill Core	0.121	14	29	0.25	29	0.118	<20	0.40	0.027	0.05	>100	<0.01	1.8	<0.1	0.40	2	4.4	0.033	0.020	0.28
643722	Drill Core	0.136	9	190	1.89	129	0.229	<20	0.92	0.053	0.81	52.2	<0.01	3.9	1.5	1.50	4	7.9	0.064	0.008	0.65
643723	Drill Core	0.135	11	139	1.83	147	0.216	<20	0.92	0.071	0.78	>100	<0.01	5.2	1.4	1.39	4	7.9	0.034	0.020	0.68
643724	Drill Core	0.129	10	132	1.61	119	0.216	<20	0.78	0.053	0.71	83.2	<0.01	4.2	1.2	1.38	4	8.9	0.038	0.011	0.61
643725	Rock Pulp	0.076	19	19	0.47	135	0.018	<20	0.72	0.036	0.30	0.7	<0.01	3.0	0.3	0.27	3	<0.5	0.068	<0.005	0.11
643726	Drill Core	0.005	<1	2	11.95	2	<0.001	<20	0.03	0.024	0.02	0.7	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
643727	Drill Core	0.113	11	198	2.32	215	0.223	<20	1.23	0.120	1.09	>100	<0.01	6.0	2.0	1.25	6	6.2	0.067	0.067	1.07
643728	Drill Core	0.114	16	42	0.68	58	0.122	<20	0.61	0.054	0.13	>100	<0.01	2.5	0.2	0.57	3	2.9	0.047	0.039	0.46
643729	Drill Core	0.137	17	36	0.55	39	0.127	<20	0.34	0.044	0.05	>100	<0.01	2.1	<0.1	0.44	2	2.1	0.076	0.061	0.41
RRE 643729	Drill Core	0.123	17	26	0.56	37	0.128	<20	0.32	0.042	0.05	>100	<0.01	1.9	<0.1	0.45	2	2.3	0.056	0.061	0.35
643730	Drill Core	0.131	17	31	0.44	54	0.158	<20	0.30	0.040	0.07	>100	<0.01	2.5	0.1	0.86	2	4.7	0.041	0.020	0.34
643731	Drill Core	0.104	17	31	0.66	23	0.156	<20	0.56	0.060	0.03	>100	<0.01	2.7	<0.1	0.43	3	1.5	0.047	0.049	0.82
643732	Drill Core	0.120	19	43	0.49	25	0.133	<20	0.87	0.036	0.02	>100	<0.01	2.8	<0.1	0.68	4	2.1	0.034	0.048	0.69
643733	Drill Core	0.088	19	25	0.61	54	0.122	<20	0.47	0.058	0.17	>100	<0.01	2.1	0.3	0.46	2	1.9	0.127	0.048	0.41
643734	Drill Core	0.108	21	42	0.43	26	0.166	<20	0.42	0.074	0.02	>100	<0.01	2.6	<0.1	0.55	2	4.0	0.069	0.039	0.41
643735	Drill Core	0.125	13	67	1.04	66	0.177	<20	0.60	0.055	0.34	87.4	<0.01	3.4	1.0	1.21	3	8.1	0.115	0.011	0.53
643736	Drill Core	0.124	13	80	1.17	90	0.193	<20	0.61	0.067	0.45	>100	<0.01	4.0	1.0	1.53	3	9.3	0.054	0.021	0.55
643737	Drill Core	0.123	19	44	0.59	95	0.180	<20	0.57	0.113	0.17	>100	<0.01	3.5	0.3	0.66	3	4.8	0.079	0.026	0.57
643738	Drill Core	0.139	26	37	0.42	48	0.164	<20	0.38	0.079	0.03	>100	<0.01	2.8	<0.1	0.64	2	4.1	0.097	0.029	0.41
643739	Drill Core	0.126	18	30	0.38	58	0.119	<20	0.87	0.067	0.05	>100	<0.01	2.5	0.2	0.72	3	3.9	0.058	0.030	0.50



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643740	Drill Core	6.50	284.8	100.8	21.9	76	0.3	59.9	9.8	806	1.73	2.0	16.0	3.0	3.5	51	1.0	0.3	6.1	140	1.95
643741	Drill Core	6.50	1121	93.6	36.7	55	0.5	39.8	6.6	900	1.65	2.9	22.9	5.6	7.9	84	0.7	0.6	22.7	101	2.15
643742	Drill Core	5.70	1057	141.0	28.8	74	0.5	46.3	6.1	1070	1.80	1.1	23.5	9.6	9.9	95	1.1	0.3	20.3	146	2.45
643743	Drill Core	6.40	541.5	94.9	11.7	65	0.1	53.6	7.4	892	1.59	1.9	18.7	4.3	5.1	58	0.5	0.2	17.1	155	2.18
643744	Drill Core	6.40	959.9	131.5	8.5	109	0.2	46.0	9.1	2765	2.92	1.8	25.1	7.4	7.8	110	1.0	0.2	4.8	146	5.05
643745	Drill Core	7.50	1087	66.9	7.2	132	0.1	52.5	9.2	4870	3.60	1.4	34.1	7.3	7.5	70	0.9	0.4	1.7	243	8.50
643746	Drill Core	6.50	395.4	67.7	3.6	60	<0.1	22.5	5.5	1029	1.49	1.7	8.9	5.0	7.5	78	0.4	0.2	2.0	56	2.97
643747	Drill Core	6.00	626.4	110.5	2.9	37	0.2	24.6	10.8	443	1.99	0.7	5.5	6.0	5.6	38	0.3	<0.1	5.3	56	1.44
643748	Drill Core	5.80	586.2	54.1	4.5	24	<0.1	13.9	4.0	314	0.83	0.7	12.0	7.1	10.3	22	0.3	<0.1	1.6	27	0.95
643749	Drill Core	5.60	1079	108.0	3.3	87	0.2	27.7	11.1	899	2.15	0.6	3.7	4.0	4.7	31	1.0	<0.1	2.7	60	2.12
643750	Drill Core	7.20	323.0	52.9	8.4	39	<0.1	13.2	3.6	272	0.77	0.9	15.0	6.9	14.9	21	0.3	0.2	4.9	24	0.79
643751	Drill Core	5.90	234.8	64.2	4.7	44	0.1	19.0	5.2	297	1.09	<0.5	5.6	6.1	9.8	25	0.3	<0.1	4.7	59	1.10
643752	Drill Core	7.40	183.8	48.7	3.2	60	<0.1	15.0	4.5	771	1.24	0.7	4.7	3.2	6.7	164	0.3	0.1	2.6	39	4.10
643753	Drill Core	6.30	334.0	51.5	4.7	78	<0.1	14.1	4.2	361	0.89	0.8	3.2	7.0	6.2	154	0.9	0.4	4.9	39	2.92
643754	Drill Core	6.40	569.2	55.7	2.6	44	<0.1	13.9	4.2	727	1.16	0.5	2.1	2.3	4.3	59	0.3	<0.1	0.5	25	2.13
643755	Drill Core	6.80	209.5	53.4	3.6	42	<0.1	17.7	4.5	375	0.97	<0.5	3.3	2.4	6.7	24	0.1	<0.1	1.4	42	1.18
643756	Drill Core	3.20	236.6	72.5	2.8	40	<0.1	29.7	6.1	422	1.22	0.5	2.8	2.6	4.2	27	0.2	<0.1	1.1	57	1.56
643757	Drill Core	3.40	172.9	65.4	2.7	45	<0.1	27.7	5.8	604	1.25	0.8	3.0	1.5	4.6	38	0.3	0.1	1.8	58	2.05
643758	Rock Pulp		658.6	122.7	10.4	84	0.2	16.1	6.1	654	2.46	2.2	2.4	4.5	5.4	152	0.6	0.2	0.7	29	1.31
643759	Drill Core	0.30	0.8	2.5	1.7	1	<0.1	<0.1	0.5	145	0.10	<0.5	<0.1	<0.5	0.1	61	<0.1	<0.1	<0.1	<2	22.04
643760	Drill Core	6.60	493.9	102.1	5.6	54	0.2	35.0	10.3	704	1.97	0.6	2.0	3.2	4.6	19	0.8	<0.1	2.2	60	1.48
643761	Drill Core	6.10	920.5	111.9	4.2	48	0.1	34.2	10.0	605	1.97	0.7	1.4	2.6	4.0	23	0.5	<0.1	3.1	52	1.43
643762	Drill Core	7.80	344.4	117.0	11.4	80	0.3	25.1	7.8	1486	1.99	1.7	2.7	1.7	3.8	49	0.5	0.2	1.7	55	3.48
643763	Drill Core	7.00	546.1	127.3	45.5	148	0.8	27.2	7.2	2936	2.85	6.3	5.4	5.3	2.9	76	1.2	0.7	3.1	87	6.56
643764	Drill Core	6.70	390.0	11.5	20.7	151	0.2	23.3	5.0	3266	2.35	1.4	7.1	2.9	4.5	77	1.2	0.7	2.1	147	7.39
643765	Drill Core	5.90	166.6	22.3	20.8	112	0.3	20.3	4.1	2681	1.82	1.4	8.5	1.4	5.0	91	1.2	0.4	2.7	130	6.35
643766	Drill Core	6.00	388.5	36.5	20.6	131	0.4	20.3	3.8	1963	1.55	3.7	6.2	1.9	4.2	119	1.8	0.5	6.8	105	5.68
643767	Drill Core	6.50	318.4	35.6	40.9	137	0.7	23.5	3.6	2146	1.72	1.7	8.1	3.1	4.9	111	2.1	0.5	8.2	142	5.55
643768	Drill Core	6.40	192.9	56.8	2.8	58	<0.1	28.0	6.2	941	1.35	0.9	4.7	1.9	5.6	64	0.2	0.2	0.7	75	2.99
RRE 643768	Drill Core		245.7	70.3	3.2	68	0.1	29.3	7.4	1205	1.55	1.1	4.4	2.3	5.5	65	0.4	0.2	0.6	76	3.37

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643740	Drill Core	0.099	14	36	0.32	65	0.152	<20	0.63	0.046	0.06	>100	<0.01	2.8	0.1	0.73	3	5.0	0.031	0.024	0.35
643741	Drill Core	0.108	20	34	0.62	49	0.150	<20	0.52	0.082	0.10	>100	<0.01	3.8	0.3	0.71	3	4.4	0.108	0.039	0.50
643742	Drill Core	0.118	22	44	0.45	70	0.137	<20	0.89	0.318	0.10	>100	<0.01	4.0	0.3	0.74	4	3.3	0.106	0.048	0.69
643743	Drill Core	0.092	17	32	0.34	57	0.148	<20	0.49	0.094	0.03	>100	<0.01	3.5	<0.1	0.54	2	3.4	0.049	0.022	0.51
643744	Drill Core	0.204	21	34	0.59	53	0.119	<20	1.33	0.280	0.04	>100	<0.01	3.8	0.1	0.76	6	2.8	0.099	0.120	1.29
643745	Drill Core	0.147	24	46	0.74	32	0.119	<20	1.48	0.094	0.05	>100	<0.01	3.5	<0.1	0.53	7	1.9	0.105	0.120	1.48
643746	Drill Core	0.120	19	30	0.53	51	0.141	<20	0.58	0.097	0.06	>100	<0.01	2.9	0.1	0.44	2	2.3	0.035	0.045	0.61
643747	Drill Core	0.098	12	32	0.62	66	0.157	<20	0.54	0.074	0.19	71.6	<0.01	2.9	0.3	1.01	2	7.6	0.060	0.010	0.36
643748	Drill Core	0.069	15	22	0.31	35	0.097	<20	0.27	0.047	0.08	>100	<0.01	2.1	0.1	0.40	2	2.2	0.057	0.014	0.24
643749	Drill Core	0.111	12	38	0.94	50	0.138	<20	0.72	0.058	0.13	>100	<0.01	3.0	0.2	0.99	3	5.1	0.107	0.030	0.44
643750	Drill Core	0.046	16	20	0.29	32	0.082	<20	0.34	0.045	0.07	46.3	<0.01	2.0	0.1	0.38	2	2.5	0.032	0.006	0.19
643751	Drill Core	0.103	18	32	0.71	97	0.145	<20	0.61	0.056	0.33	68.6	<0.01	2.4	0.7	0.44	3	3.1	0.026	0.008	0.36
643752	Drill Core	0.153	21	22	0.26	23	0.100	<20	2.31	0.288	0.02	>100	<0.01	1.4	<0.1	0.26	7	1.7	0.020	0.073	0.95
643753	Drill Core	0.144	20	23	0.26	52	0.099	<20	1.85	0.307	0.06	>100	<0.01	1.2	0.1	0.34	5	1.7	0.033	0.033	0.60
643754	Drill Core	0.071	13	13	0.70	49	0.083	<20	0.80	0.088	0.10	>100	<0.01	1.1	0.2	0.35	3	1.7	0.057	0.075	0.34
643755	Drill Core	0.084	18	25	0.56	114	0.125	<20	0.44	0.057	0.20	>100	<0.01	1.6	0.4	0.36	2	2.3	0.022	0.024	0.30
643756	Drill Core	0.096	15	31	0.40	39	0.122	<20	0.42	0.049	0.09	>100	<0.01	1.8	0.1	0.53	2	4.2	0.026	0.020	0.34
643757	Drill Core	0.127	16	29	0.32	28	0.125	<20	0.65	0.066	0.06	>100	<0.01	1.6	<0.1	0.46	3	3.9	0.019	0.033	0.33
643758	Rock Pulp	0.080	20	21	0.51	141	0.018	<20	0.83	0.045	0.32	0.2	0.01	3.2	0.3	0.31	3	1.0	0.068	<0.005	0.11
643759	Drill Core	0.004	<1	2	12.63	2	<0.001	<20	0.03	0.033	0.02	0.3	<0.01	0.1	<0.1	<0.05	<1	0.7	<0.001	<0.005	0.03
643760	Drill Core	0.123	11	67	1.17	93	0.173	<20	0.63	0.068	0.41	91.6	<0.01	4.0	0.8	0.84	3	7.4	0.047	0.010	0.46
643761	Drill Core	0.111	10	61	1.10	73	0.152	<20	0.63	0.062	0.36	>100	<0.01	2.9	0.6	0.92	3	6.7	0.091	0.017	0.47
643762	Drill Core	0.095	12	33	1.26	36	0.120	<20	0.78	0.070	0.05	>100	<0.01	2.4	0.1	0.75	4	2.9	0.035	0.050	0.64
643763	Drill Core	0.091	12	26	2.56	14	0.083	<20	1.18	0.063	0.02	>100	<0.01	2.7	<0.1	0.77	6	3.2	0.055	0.134	1.31
643764	Drill Core	0.163	19	44	0.60	11	0.097	25	1.41	0.039	<0.01	>100	<0.01	2.6	<0.1	0.15	6	1.2	0.045	0.150	1.11
643765	Drill Core	0.150	18	38	0.42	30	0.082	<20	1.24	0.037	<0.01	>100	<0.01	2.2	<0.1	0.15	5	1.3	0.019	0.073	0.89
643766	Drill Core	0.143	18	35	0.33	24	0.068	<20	1.18	0.023	0.01	>100	<0.01	1.9	<0.1	0.20	5	1.7	0.042	0.064	0.56
643767	Drill Core	0.149	22	51	0.30	29	0.117	27	1.19	0.044	0.01	>100	<0.01	2.5	<0.1	0.17	4	1.5	0.032	0.068	0.69
643768	Drill Core	0.093	16	33	0.79	100	0.137	<20	0.72	0.070	0.11	>100	<0.01	2.4	0.2	0.35	3	3.6	0.019	0.047	0.61
RRE 643768	Drill Core	0.091	16	34	0.96	108	0.139	<20	0.71	0.079	0.11	>100	<0.01	2.8	0.2	0.39	3	3.5	0.026	0.075	0.71



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643769	Drill Core	6.90	430.2	36.5	21.3	141	0.3	27.5	5.4	2729	2.30	1.5	6.8	7.4	3.9	98	1.7	0.6	2.2	133	5.85
643770	Drill Core	6.80	620.5	36.5	32.2	143	0.4	29.0	6.1	2225	2.07	1.6	6.6	5.0	4.4	82	1.8	0.2	5.3	130	5.60
643771	Drill Core	6.50	460.3	73.2	12.6	91	0.2	38.3	6.1	977	1.60	1.2	4.7	3.9	5.0	44	0.9	0.1	2.0	105	2.81
643772	Drill Core	4.00	182.9	48.6	5.5	35	<0.1	22.6	3.9	484	1.01	1.6	21.7	6.3	16.2	67	0.2	0.2	1.1	54	1.20
643773	Drill Core	1.40	389.5	68.5	9.8	31	0.2	17.7	4.9	591	1.10	1.4	30.4	9.7	27.2	55	0.3	0.2	1.0	39	1.29
643774	Drill Core	4.10	239.9	87.1	144.8	713	1.9	46.3	6.1	1373	1.90	16.4	5.4	3.2	5.0	148	13.0	1.8	8.5	110	3.69
643775	Drill Core	6.40	195.7	76.8	79.0	448	0.9	38.4	5.7	1218	1.65	16.7	10.8	2.7	8.5	215	7.1	1.4	4.1	100	3.92
643776	Drill Core	6.50	361.9	102.6	5.9	45	0.2	43.8	7.3	431	1.41	1.3	3.2	2.2	4.5	59	0.4	0.2	3.1	81	1.44
643777	Drill Core	5.60	683.0	73.5	16.0	151	0.3	45.6	6.8	1768	2.02	2.9	11.6	4.2	7.6	96	1.8	0.5	4.6	219	4.04
643778	Drill Core	7.00	605.3	35.0	17.0	158	0.3	56.4	8.1	3832	3.02	3.2	30.0	3.7	5.6	87	1.0	0.9	6.3	265	7.25
643779	Drill Core	7.20	293.6	49.1	6.1	64	0.2	29.1	5.3	1017	1.41	1.8	13.7	4.0	12.4	114	0.3	0.2	3.7	146	2.83
643780	Drill Core	6.80	368.0	58.9	2.0	78	<0.1	34.0	6.3	1096	1.62	2.1	4.7	2.8	4.4	88	0.5	0.3	1.4	153	3.17
643781	Drill Core	4.40	206.7	54.9	6.9	101	0.2	38.6	7.6	1559	2.18	5.9	8.1	2.3	6.6	80	0.3	2.0	5.5	207	3.67
643782	Drill Core	5.10	115.0	64.5	9.4	88	0.3	45.3	7.5	1493	1.84	10.3	13.1	1.6	14.1	201	0.4	1.4	5.2	118	3.52
643783	Drill Core	6.80	218.0	69.0	70.3	165	1.0	34.8	6.9	2305	1.85	14.5	4.0	1.9	5.8	97	1.9	9.0	4.9	73	4.18
643784	Drill Core	8.70	485.2	77.5	32.2	130	0.3	30.6	8.0	2453	2.40	1.4	6.6	4.6	6.4	81	0.7	0.7	4.6	151	5.94
643785	Drill Core	8.40	282.3	57.8	3.2	60	<0.1	29.8	6.7	919	1.43	1.8	3.8	2.3	4.7	73	0.6	0.3	1.8	94	2.93
643786	Drill Core	6.00	299.2	162.8	118.5	1308	2.4	42.6	11.1	1654	2.30	10.8	4.0	4.4	5.4	63	21.7	0.7	9.7	133	3.14
643787	Drill Core	4.00	238.7	59.7	73.4	215	1.4	41.4	7.3	1942	1.79	11.2	3.7	2.5	5.1	80	2.6	1.1	10.6	108	3.00
643788	Drill Core	5.10	58.0	21.3	28.4	20	0.3	5.5	1.6	230	0.43	1.5	30.1	4.2	39.6	46	0.1	0.1	1.6	16	0.95
643789	Drill Core	6.80	43.3	48.5	82.2	110	0.7	12.0	3.4	594	1.02	1.8	31.5	4.5	33.8	73	1.5	0.2	6.2	43	1.59
643790	Drill Core	2.50	280.9	59.4	55.1	181	1.0	34.8	7.4	1394	1.83	5.6	7.5	4.0	9.6	95	2.0	0.7	6.0	113	3.31
643791	Drill Core	2.90	170.7	54.8	51.6	205	1.0	38.5	7.4	1382	1.81	6.1	8.5	3.3	10.7	98	2.6	0.5	7.2	112	3.40
643792	Rock Pulp		624.3	116.3	9.6	79	0.1	15.5	6.0	656	2.32	2.3	2.5	4.8	5.2	143	0.3	0.3	0.8	27	1.24
643793	Drill Core	0.20	1.4	2.4	1.9	<1	<0.1	2.6	0.4	159	0.14	1.0	0.1	0.7	0.2	63	<0.1	<0.1	<0.1	<2	19.01
643794	Drill Core	6.40	345.0	59.9	15.1	75	0.3	35.2	7.1	1326	1.74	3.3	4.9	4.4	5.0	103	0.6	0.3	3.1	153	3.24
643795	Drill Core	4.40	219.1	65.4	4.1	122	0.1	46.5	8.0	1963	2.31	1.3	5.4	4.6	4.5	72	0.6	0.3	2.6	265	4.86
643796	Drill Core	6.70	421.3	121.9	5.4	52	0.2	9.7	11.4	845	2.69	1.5	1.1	3.4	2.1	89	0.1	0.2	9.0	99	2.47
643797	Drill Core	8.70	171.2	89.8	7.7	47	0.2	52.2	8.0	446	1.43	0.9	2.3	2.1	4.3	40	0.5	0.1	6.9	111	1.36
RRE 643797	Drill Core		186.5	87.6	6.7	49	0.2	49.4	8.2	413	1.34	1.1	2.5	3.6	4.6	42	0.7	0.2	6.3	112	1.30

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643769	Drill Core	0.163	17	39	0.79	21	0.091	<20	1.36	0.070	0.02	>100	<0.01	2.1	<0.1	0.25	5	1.0	0.051	0.188	1.22
643770	Drill Core	0.161	18	42	0.43	27	0.101	<20	0.99	0.054	0.02	>100	<0.01	2.5	<0.1	0.24	4	1.5	0.067	0.107	1.02
643771	Drill Core	0.106	17	48	0.53	34	0.125	<20	0.56	0.053	0.04	>100	<0.01	3.0	<0.1	0.44	3	3.2	0.054	0.044	0.71
643772	Drill Core	0.071	17	21	0.25	38	0.087	<20	0.34	0.072	0.08	>100	<0.01	2.3	<0.1	0.41	2	1.4	0.021	0.016	0.32
643773	Drill Core	0.054	20	17	0.31	68	0.061	<20	0.45	0.105	0.16	>100	<0.01	2.6	0.2	0.51	2	2.3	0.044	0.152	0.43
643774	Drill Core	0.092	18	39	0.64	86	0.033	<20	1.44	0.038	0.11	50.1	0.02	2.8	0.5	0.55	4	3.6	0.027	0.008	0.37
643775	Drill Core	0.078	15	36	0.65	112	0.016	<20	1.78	0.053	0.07	42.7	0.03	3.4	0.3	0.53	5	3.9	0.024	0.008	0.19
643776	Drill Core	0.094	14	35	0.48	58	0.118	<20	0.51	0.054	0.06	>100	<0.01	2.4	<0.1	0.66	3	5.7	0.040	0.016	0.28
643777	Drill Core	0.108	18	45	0.65	38	0.122	<20	1.04	0.060	0.07	>100	<0.01	3.7	0.1	0.53	5	2.7	0.074	0.066	0.81
643778	Drill Core	0.152	19	45	0.65	21	0.118	<20	1.44	0.064	0.02	>100	<0.01	3.3	<0.1	0.34	7	1.0	0.065	0.104	1.57
643779	Drill Core	0.098	17	41	0.29	39	0.088	<20	0.75	0.043	0.05	>100	<0.01	2.3	<0.1	0.36	3	2.8	0.032	0.035	0.52
643780	Drill Core	0.145	17	55	0.45	76	0.110	<20	0.68	0.057	0.03	>100	<0.01	2.9	<0.1	0.43	4	2.6	0.041	0.048	0.63
643781	Drill Core	0.113	17	50	0.68	81	0.094	<20	1.22	0.028	0.07	>100	<0.01	3.5	0.2	0.46	6	2.2	0.023	0.031	0.45
643782	Drill Core	0.080	20	39	0.63	157	0.015	<20	1.60	0.038	0.13	57.5	0.02	3.7	0.4	0.73	4	3.7	0.013	0.009	0.35
643783	Drill Core	0.125	20	37	0.72	52	0.004	<20	1.63	0.007	0.14	>100	<0.01	3.7	0.4	0.42	6	3.2	0.025	0.017	0.39
643784	Drill Core	0.128	18	44	1.73	111	0.100	30	1.21	0.071	0.14	>100	<0.01	2.9	0.3	0.57	6	1.9	0.051	0.138	1.21
643785	Drill Core	0.139	17	43	0.26	58	0.115	22	0.80	0.046	0.06	>100	<0.01	1.8	<0.1	0.41	4	2.8	0.031	0.026	0.40
643786	Drill Core	0.081	18	58	1.10	80	0.101	<20	1.20	0.047	0.11	>100	<0.01	4.6	0.5	0.76	7	6.3	0.033	0.035	0.65
643787	Drill Core	0.100	14	68	0.94	58	0.091	<20	1.15	0.026	0.09	>100	<0.01	4.6	0.5	0.34	5	2.2	0.027	0.013	0.36
643788	Drill Core	0.021	23	18	0.17	54	0.034	<20	0.40	0.044	0.18	>100	<0.01	1.8	0.3	0.10	2	0.9	0.006	0.012	0.17
643789	Drill Core	0.033	23	20	0.22	36	0.048	<20	0.59	0.058	0.15	73.8	<0.01	2.7	0.2	0.27	3	2.0	0.005	0.009	0.29
643790	Drill Core	0.103	17	51	0.66	60	0.105	<20	1.03	0.036	0.11	>100	<0.01	4.0	0.3	0.35	5	2.5	0.030	0.020	0.47
643791	Drill Core	0.108	18	48	0.60	48	0.103	<20	0.95	0.037	0.08	>100	<0.01	3.8	0.2	0.34	4	3.2	0.018	0.019	0.46
643792	Rock Pulp	0.082	19	20	0.48	137	0.020	<20	0.76	0.042	0.31	0.6	<0.01	3.0	0.3	0.29	3	<0.5	0.072	<0.005	0.12
643793	Drill Core	0.008	<1	2	12.57	2	<0.001	<20	0.03	0.027	0.02	0.4	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643794	Drill Core	0.103	18	53	0.66	55	0.130	<20	0.85	0.037	0.09	>100	<0.01	3.4	0.1	0.38	4	3.8	0.036	0.065	0.60
643795	Drill Core	0.153	23	68	0.49	35	0.118	<20	0.91	0.070	0.02	>100	<0.01	3.0	<0.1	0.44	4	3.0	0.024	0.089	1.07
643796	Drill Core	0.150	8	9	0.91	34	0.132	<20	1.07	0.087	0.10	>100	<0.01	6.9	0.1	1.01	5	5.5	0.045	0.015	0.51
643797	Drill Core	0.095	16	51	0.42	62	0.124	<20	0.47	0.052	0.06	95.3	<0.01	2.3	<0.1	0.65	3	6.8	0.019	0.011	0.25
RRE 643797	Drill Core	0.090	17	53	0.42	65	0.124	<20	0.51	0.055	0.06	96.5	<0.01	2.2	<0.1	0.65	3	7.0	0.020	0.010	0.22



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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643798	Drill Core	7.40	190.3	104.7	7.0	52	0.2	12.0	11.1	765	2.35	1.8	1.1	3.0	2.1	136	0.3	0.1	2.9	91	2.22
643799	Drill Core	6.60	465.3	109.7	7.6	54	0.2	10.3	11.5	894	2.58	1.8	1.2	3.2	2.0	83	0.2	0.1	2.8	101	2.55
643800	Drill Core	6.50	375.4	56.5	3.9	68	0.1	33.2	6.5	971	1.48	1.3	3.1	2.8	3.8	46	0.3	0.2	3.4	104	2.16
643801	Drill Core	6.70	310.6	33.8	20.2	117	0.4	28.0	6.1	2022	1.88	3.5	4.5	2.4	3.6	140	0.8	0.7	5.4	126	5.94
643802	Drill Core	7.30	216.7	39.6	11.8	97	0.2	18.7	3.5	1207	1.14	1.3	4.6	2.7	4.1	175	1.8	0.3	3.7	141	6.37
643803	Drill Core	6.40	190.1	69.0	10.4	85	0.2	44.1	6.8	902	1.43	2.9	4.1	1.8	5.0	178	1.0	0.2	4.1	102	3.44
643804	Drill Core	7.10	166.4	53.0	3.6	50	<0.1	40.7	5.5	565	1.15	1.7	2.9	2.4	4.2	72	0.3	0.1	2.8	72	2.05
643805	Drill Core	6.80	383.9	40.4	4.8	81	0.1	40.9	5.8	1517	1.48	2.2	5.0	1.4	3.7	59	0.6	0.2	1.0	151	3.64
643806	Drill Core	7.30	531.3	40.6	16.8	76	0.2	48.2	6.7	1231	1.41	2.5	5.8	2.6	5.2	70	0.9	0.2	2.9	123	4.30
RRE 643806	Drill Core		503.8	42.3	13.3	69	0.2	47.4	6.7	1082	1.33	2.3	5.9	1.5	5.1	65	0.5	0.2	2.7	117	4.08
643807	Drill Core	6.40	294.0	63.5	50.3	122	1.1	26.0	6.2	2890	2.46	4.2	5.7	2.2	2.9	123	1.2	0.9	32.3	101	10.66
643808	Drill Core	8.20	546.8	42.7	27.6	137	0.4	29.2	5.2	2840	2.34	3.3	8.6	1.4	3.7	107	1.8	0.7	4.6	188	9.97
643809	Drill Core	7.10	299.9	46.6	5.5	111	0.1	59.4	6.4	1641	1.96	2.5	10.8	1.3	4.4	115	1.0	0.1	4.2	278	5.63
643810	Drill Core	5.50	728.3	58.9	5.4	77	0.1	56.0	7.6	2416	2.62	4.2	9.9	2.5	4.6	146	0.6	0.3	1.6	319	5.81
643811	Drill Core	5.30	437.8	81.9	11.2	72	0.2	73.5	7.0	544	1.35	2.6	14.2	0.7	6.9	72	0.7	0.3	2.1	253	1.91
643812	Drill Core	5.00	735.1	361.2	191.5	430	4.6	40.5	12.8	2733	3.93	2.7	1.4	6.2	2.2	104	5.5	0.5	26.6	111	3.73
643113	Drill Core	1.90	758.3	20.4	22.6	122	0.2	83.3	6.8	2493	2.40	2.1	29.6	2.8	7.6	65	1.0	0.4	1.7	356	7.11
643114	Drill Core	5.80	270.6	134.0	6.6	111	0.2	43.2	9.6	1429	2.22	1.7	3.5	3.7	4.2	80	1.1	0.3	8.6	135	3.56
643115	Drill Core	5.60	284.1	176.2	9.2	84	0.4	48.5	10.4	1001	2.22	1.9	3.3	3.2	4.7	86	0.6	0.4	8.5	126	2.96
643116	Drill Core	6.40	261.6	193.5	18.9	123	0.7	52.2	11.7	1379	2.44	2.1	4.9	4.8	5.4	61	1.1	0.5	11.0	172	3.46
643117	Drill Core	5.60	433.1	175.0	27.5	163	0.8	42.0	8.7	1198	1.99	1.5	3.5	6.1	4.7	63	2.0	0.5	6.7	144	3.01
643118	Drill Core	2.30	447.3	80.9	8.1	44	0.2	42.0	7.5	490	1.23	0.8	2.6	3.2	3.8	43	0.4	0.1	10.6	74	1.48
643119	Drill Core	6.80	252.2	60.1	15.7	130	0.3	46.6	7.0	1244	1.55	1.4	5.6	6.3	4.8	66	1.8	0.2	10.3	202	3.93
643120	Drill Core	7.10	228.3	118.2	23.2	197	0.6	50.8	8.6	2062	2.50	1.6	5.6	6.2	5.4	104	2.3	0.5	7.3	260	5.19
643121	Drill Core	7.30	215.6	34.3	19.7	333	0.5	48.6	9.6	3033	2.57	1.8	6.4	5.1	4.8	170	4.9	0.8	21.6	346	8.00
643122	Drill Core	7.70	356.7	69.9	26.4	226	0.4	62.5	7.5	2373	2.29	1.9	10.9	4.8	5.9	73	2.8	0.3	6.3	371	5.95
643123	Drill Core	3.10	199.9	59.4	12.2	101	0.2	25.2	2.9	460	0.86	0.8	35.9	12.9	21.3	52	1.6	0.2	4.6	102	1.23
643124	Drill Core	8.20	800.5	188.7	14.8	102	0.5	88.2	12.3	1529	3.17	16.4	37.2	4.8	6.3	164	0.8	0.9	3.0	287	3.63
643125	Drill Core	8.30	530.7	152.6	110.3	79	3.0	79.5	11.8	703	2.16	1.7	29.1	7.1	5.0	42	0.6	0.6	93.4	182	2.19
643126	Drill Core	7.40	190.1	66.2	4.6	142	0.1	36.5	6.9	1970	2.19	1.9	6.3	3.5	5.0	119	1.3	0.4	5.2	325	6.50



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643798	Drill Core	0.162	9	7	0.81	45	0.144	<20	0.98	0.097	0.10	98.6	<0.01	5.8	0.1	0.87	4	5.4	0.020	0.013	0.44
643799	Drill Core	0.161	9	9	0.94	37	0.143	<20	0.96	0.083	0.11	>100	<0.01	7.5	0.1	0.99	5	5.2	0.050	0.016	0.48
643800	Drill Core	0.107	14	38	0.56	38	0.119	<20	0.45	0.048	0.05	>100	<0.01	2.6	<0.1	0.45	2	2.6	0.039	0.050	0.40
643801	Drill Core	0.106	15	43	1.19	110	0.094	<20	1.21	0.050	0.08	>100	<0.01	2.8	0.2	0.23	5	1.6	0.033	0.054	0.91
643802	Drill Core	0.135	18	38	0.22	158	0.097	<20	1.24	0.036	0.03	>100	<0.01	1.8	<0.1	0.17	5	0.6	0.023	0.043	0.68
643803	Drill Core	0.152	19	43	0.50	127	0.123	<20	0.88	0.057	0.12	>100	<0.01	2.6	0.1	0.45	4	4.8	0.021	0.037	0.54
643804	Drill Core	0.116	15	30	0.39	61	0.093	<20	0.68	0.048	0.04	>100	0.05	1.7	<0.1	0.36	3	3.4	0.017	0.022	0.29
643805	Drill Core	0.156	19	56	0.44	23	0.106	<20	0.78	0.082	0.02	>100	0.13	2.8	<0.1	0.21	4	2.3	0.040	0.069	0.49
643806	Drill Core	0.204	21	62	0.34	59	0.100	<20	0.86	0.051	0.03	>100	0.09	3.5	<0.1	0.29	4	3.8	0.058	0.048	0.67
RRE 643806	Drill Core	0.197	21	61	0.33	59	0.097	<20	0.79	0.050	0.03	>100	0.10	3.3	<0.1	0.29	4	3.7	0.058	0.045	0.56
643807	Drill Core	0.131	15	43	0.37	12	0.063	<20	1.58	0.012	0.07	>100	0.28	2.8	<0.1	0.40	7	2.3	0.031	0.171	1.11
643808	Drill Core	0.198	20	53	0.32	34	0.098	<20	1.79	0.022	0.01	>100	0.11	2.9	<0.1	0.17	8	2.1	0.054	0.080	0.94
643809	Drill Core	0.177	20	81	0.33	54	0.126	<20	0.97	0.075	0.03	>100	0.08	3.9	<0.1	0.22	5	3.1	0.032	0.043	0.82
643810	Drill Core	0.163	19	51	0.35	125	0.130	<20	1.84	0.165	0.08	>100	0.27	4.4	<0.1	0.33	8	3.4	0.068	0.119	0.81
643811	Drill Core	0.097	18	44	0.27	89	0.122	<20	0.81	0.055	0.06	76.5	<0.01	3.3	<0.1	0.42	3	4.9	0.047	0.019	0.31
643812	Drill Core	0.110	10	101	1.93	146	0.177	<20	1.86	0.236	0.23	>100	0.48	10.5	0.8	1.58	11	7.9	0.076	0.416	1.41
643113	Drill Core	0.177	20	51	0.41	48	0.107	<20	1.78	0.024	0.02	>100	0.04	4.0	<0.1	0.19	8	2.2	0.076	0.085	0.93
643114	Drill Core	0.107	17	58	0.68	67	0.130	<20	0.97	0.129	0.07	>100	0.16	4.2	0.2	0.73	5	6.1	0.030	0.094	0.88
643115	Drill Core	0.107	16	58	0.61	55	0.130	<20	1.00	0.098	0.05	>100	0.28	3.9	0.1	0.94	4	7.6	0.031	0.163	0.67
643116	Drill Core	0.097	19	70	0.71	42	0.153	<20	0.87	0.074	0.03	>100	0.28	4.6	<0.1	0.91	5	6.5	0.026	0.245	0.77
643117	Drill Core	0.100	19	54	0.59	48	0.142	<20	0.74	0.067	0.03	>100	0.28	3.5	<0.1	0.66	4	4.0	0.048	0.211	0.60
643118	Drill Core	0.085	13	31	0.22	39	0.094	<20	0.46	0.043	0.02	>100	<0.01	1.4	<0.1	0.48	2	4.4	0.049	0.048	0.21
643119	Drill Core	0.141	19	59	0.31	37	0.106	<20	1.01	0.067	0.02	>100	0.10	2.8	<0.1	0.35	4	3.4	0.028	0.069	0.60
643120	Drill Core	0.125	21	79	0.60	67	0.146	<20	1.36	0.138	0.06	>100	0.27	4.1	<0.1	0.54	6	4.6	0.023	0.133	1.18
643121	Drill Core	0.121	20	66	0.67	109	0.134	<20	1.70	0.164	0.05	>100	0.26	4.0	<0.1	0.37	7	2.1	0.023	0.127	2.07
643122	Drill Core	0.129	19	99	0.77	49	0.121	<20	1.05	0.070	0.06	>100	0.16	3.9	<0.1	0.33	6	2.9	0.039	0.127	1.14
643123	Drill Core	0.028	13	17	0.22	108	0.043	<20	0.64	0.154	0.19	>100	0.14	3.2	0.3	0.28	3	2.1	0.021	0.117	0.50
643124	Drill Core	0.115	20	39	0.98	165	0.100	<20	1.58	0.072	0.24	>100	0.12	5.0	0.8	1.11	9	10.1	0.079	0.108	1.27
643125	Drill Core	0.111	17	37	0.40	24	0.137	<20	0.50	0.044	0.02	>100	0.08	3.2	<0.1	0.93	3	9.9	0.052	0.060	0.43
643126	Drill Core	0.120	20	61	0.34	38	0.119	<20	1.82	0.120	0.02	>100	0.11	2.9	<0.1	0.43	7	3.0	0.019	0.077	1.04



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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643127	Drill Core	3.70	122.9	45.9	12.1	151	0.2	39.3	5.8	1200	1.58	1.2	5.7	2.8	5.1	86	1.5	0.4	4.3	243	4.51
643128	Drill Core	2.60	147.8	60.6	10.6	175	0.2	37.3	6.1	1517	1.72	1.1	5.7	3.9	4.9	79	1.7	0.4	3.5	202	3.82
643129	Drill Core	2.10	191.7	54.4	8.0	193	0.2	40.5	6.7	1784	1.76	1.3	6.1	1.4	4.9	77	1.8	0.4	3.2	195	3.82
643130	Rock Pulp		618.5	115.9	9.8	77	0.2	14.7	5.5	597	2.27	2.4	2.4	4.3	5.8	135	0.8	0.3	0.9	30	1.19
643131	Drill Core	0.40	0.7	2.8	1.8	1	<0.1	2.0	0.5	162	0.12	0.8	0.1	0.6	0.2	73	<0.1	<0.1	<0.1	<2	22.12
643132	Drill Core	7.40	260.2	77.3	5.0	122	0.1	40.1	7.6	1289	1.75	1.6	4.0	1.8	4.7	84	1.7	0.3	4.2	129	3.51
643133	Drill Core	5.30	440.4	118.4	13.3	97	0.3	39.3	7.8	1027	1.96	1.7	6.5	4.8	7.5	56	1.0	0.2	3.2	91	2.48
643134	Drill Core	3.30	249.8	168.7	15.1	64	0.3	23.9	12.6	1109	2.48	1.6	2.3	3.0	2.5	41	0.4	<0.1	6.2	121	2.71
643135	Drill Core	7.70	280.4	126.6	18.7	154	0.4	44.7	8.7	1697	2.34	1.9	4.8	4.5	5.4	102	2.1	0.3	16.9	184	5.23
643136	Drill Core	5.80	182.4	143.2	215.4	200	6.8	67.2	13.9	2270	3.28	1.9	5.7	12.8	5.3	101	2.5	1.2	213.4	300	5.92
643137	Drill Core	7.70	186.9	110.5	7.8	87	0.2	43.3	8.5	901	1.72	1.7	7.3	8.9	8.0	77	1.3	0.2	4.7	141	2.98
643138	Drill Core	6.80	192.4	110.3	7.8	102	0.4	41.7	8.6	1336	2.05	1.7	3.9	4.7	4.6	71	1.3	0.2	3.7	139	3.90
643139	Drill Core	4.40	381.8	127.9	18.1	105	0.7	28.5	7.9	1465	1.97	1.7	3.6	4.7	4.3	82	1.3	0.2	3.8	107	4.61
643140	Drill Core	6.70	86.0	126.8	20.1	121	0.9	40.1	9.8	1295	2.10	1.6	3.2	13.7	4.2	62	1.7	0.3	3.2	115	3.62
643141	Drill Core	1.80	217.4	226.6	31.6	177	0.9	39.2	10.0	2746	3.52	1.2	1.9	3.4	2.9	48	2.1	0.1	4.9	108	4.44
643142	Drill Core	4.00	488.1	127.8	14.2	67	0.8	12.4	5.2	570	1.20	0.7	26.5	12.8	20.9	37	1.2	0.1	7.9	42	1.30
643143	Drill Core	7.20	88.5	47.2	6.6	194	0.1	39.2	6.5	1990	2.06	0.9	4.6	3.9	4.0	82	2.5	0.1	4.5	165	6.39
643144	Drill Core	4.40	207.7	127.1	5.1	157	0.2	46.8	9.7	1840	2.57	1.0	4.2	6.0	4.6	63	1.5	0.1	6.5	164	3.71
643145	Drill Core	3.40	687.1	112.5	3.7	41	0.1	34.6	7.6	310	1.46	0.8	6.5	3.9	7.0	33	0.5	<0.1	3.5	62	1.05
RRE 643145	Drill Core		652.4	110.3	3.5	41	0.1	32.9	7.4	299	1.39	0.8	6.1	2.8	6.7	37	0.5	<0.1	3.1	59	1.05
643146	Drill Core	4.00	143.6	98.8	6.1	50	0.2	32.9	7.9	431	1.52	0.8	2.8	3.1	4.6	17	0.9	<0.1	4.2	72	1.12
643147	Drill Core	5.70	447.1	126.2	6.1	139	0.2	49.6	10.4	2317	2.73	1.1	5.0	5.4	3.6	91	1.6	0.2	19.5	151	7.39
643148	Drill Core	5.10	310.3	111.6	10.7	178	0.3	55.2	10.7	2842	3.38	1.3	5.9	7.1	4.0	174	2.8	0.2	5.5	196	8.01
643149	Drill Core	2.70	115.7	141.1	94.9	115	3.8	37.9	9.0	2242	2.75	9.1	3.4	3.7	3.0	157	1.7	0.7	80.4	108	8.36
643150	Drill Core	5.20	100.4	138.0	8.1	145	0.3	50.6	10.9	1626	2.50	2.3	3.4	6.1	4.4	130	1.9	0.5	3.2	161	4.44
643151	Drill Core	5.00	97.2	130.7	4.8	110	0.2	45.8	10.4	862	2.01	1.7	3.3	3.5	4.6	78	1.1	1.4	2.5	110	3.28
643152	Drill Core	5.40	199.1	165.1	11.4	134	0.3	41.0	15.9	1379	3.07	4.4	5.5	4.4	5.6	201	1.5	1.0	4.1	125	3.88
641272	Drill Core	7.80	51.3	68.3	11.6	156	0.2	27.2	7.7	333	1.24	2.6	2.9	11.2	3.6	68	3.7	0.7	17.6	40	2.44
641273	Drill Core	7.20	98.6	78.6	21.2	466	0.4	31.5	7.0	234	0.94	5.4	2.9	13.9	3.8	117	13.0	0.4	22.1	33	3.51
641274	Drill Core	7.90	54.2	65.0	24.4	367	0.5	28.5	6.1	339	1.07	2.6	3.0	8.6	4.2	73	8.5	0.7	28.5	59	3.24



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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.001	0.005	0.01	
643127	Drill Core	0.138	20	75	0.39	41	0.119	<20	1.56	0.072	0.02	>100	0.11	3.1	<0.1	0.22	6	2.1	0.013	0.062	0.99
643128	Drill Core	0.132	20	65	0.40	35	0.113	<20	0.97	0.064	0.01	>100	0.13	3.1	<0.1	0.28	5	2.5	0.015	0.075	0.78
643129	Drill Core	0.139	21	66	0.39	42	0.118	<20	1.01	0.075	0.02	>100	0.12	3.3	<0.1	0.31	5	2.5	0.019	0.066	0.78
643130	Rock Pulp	0.076	18	19	0.46	134	0.021	<20	0.74	0.041	0.30	0.7	<0.01	3.2	0.2	0.28	3	0.5	0.065	<0.005	0.11
643131	Drill Core	0.005	<1	2	11.69	2	<0.001	<20	0.02	0.028	0.02	0.9	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
643132	Drill Core	0.123	17	41	0.46	49	0.105	<20	1.07	0.079	0.04	>100	0.14	2.7	<0.1	0.50	4	5.4	0.028	0.067	0.77
643133	Drill Core	0.092	19	47	0.55	72	0.115	<20	0.90	0.099	0.08	>100	0.12	4.2	0.2	0.67	5	5.1	0.051	0.079	0.76
643134	Drill Core	0.147	12	33	0.88	38	0.232	<20	0.59	0.068	0.12	>100	<0.01	4.9	0.2	1.07	3	12.8	0.025	0.021	0.45
643135	Drill Core	0.125	21	69	0.67	89	0.178	<20	1.23	0.095	0.11	>100	<0.01	4.6	0.3	0.75	6	5.3	0.028	0.078	0.95
643136	Drill Core	0.115	26	83	0.75	88	0.165	<20	1.26	0.094	0.07	>100	<0.01	4.9	0.2	1.22	6	7.2	0.018	0.268	1.28
643137	Drill Core	0.099	19	60	0.49	61	0.153	<20	0.83	0.077	0.06	>100	<0.01	3.2	<0.1	0.64	4	7.1	0.020	0.074	0.51
643138	Drill Core	0.105	17	58	0.53	53	0.166	<20	0.92	0.067	0.03	>100	<0.01	3.8	<0.1	0.64	4	6.3	0.020	0.076	0.68
643139	Drill Core	0.137	17	33	0.34	37	0.107	<20	1.76	0.055	0.01	>100	<0.01	2.1	<0.1	0.64	6	4.7	0.040	0.060	0.83
643140	Drill Core	0.114	16	48	0.63	45	0.132	46	0.87	0.056	0.03	>100	<0.01	2.9	<0.1	0.79	3	7.1	0.010	0.048	0.71
643141	Drill Core	0.066	13	34	1.91	39	0.102	<20	0.89	0.091	0.06	>100	<0.01	11.0	<0.1	1.05	6	7.4	0.025	0.408	1.20
643142	Drill Core	0.043	15	19	0.19	68	0.061	<20	0.51	0.146	0.10	>100	<0.01	3.6	0.1	0.56	3	3.4	0.049	0.065	0.47
643143	Drill Core	0.120	18	57	0.47	53	0.117	<20	1.05	0.073	0.02	>100	<0.01	3.3	<0.1	0.19	4	3.1	0.011	0.073	1.33
643144	Drill Core	0.145	20	70	0.52	45	0.149	<20	0.78	0.086	0.03	>100	<0.01	4.2	<0.1	0.78	4	5.8	0.022	0.056	0.93
643145	Drill Core	0.123	15	40	0.43	85	0.107	<20	0.42	0.053	0.14	>100	<0.01	2.4	0.3	0.76	2	8.1	0.072	0.036	0.27
RRE 643145	Drill Core	0.123	15	38	0.41	78	0.100	<20	0.47	0.050	0.13	>100	<0.01	2.2	0.2	0.74	2	7.7	0.070	0.035	0.24
643146	Drill Core	0.069	14	42	0.49	100	0.139	<20	0.42	0.053	0.15	>100	<0.01	2.8	0.3	0.70	2	7.7	0.015	0.022	0.28
643147	Drill Core	0.153	18	66	1.60	69	0.122	<20	1.11	0.092	0.08	>100	<0.01	4.4	0.1	0.75	5	7.8	0.048	0.128	1.65
643148	Drill Core	0.154	23	79	0.54	93	0.125	<20	1.43	0.180	0.06	>100	<0.01	5.5	<0.1	0.72	7	5.1	0.033	0.295	1.58
643149	Drill Core	0.125	15	49	0.51	41	0.090	<20	1.16	0.033	0.03	>100	<0.01	4.2	<0.1	1.14	5	10.5	0.012	0.056	0.67
643150	Drill Core	0.093	18	68	0.82	122	0.124	<20	1.24	0.086	0.08	>100	<0.01	4.5	<0.1	0.78	5	6.7	0.011	0.095	0.90
643151	Drill Core	0.111	15	47	0.60	52	0.076	<20	1.01	0.033	0.06	>100	<0.01	3.2	<0.1	0.77	4	8.1	0.011	0.022	0.55
643152	Drill Core	0.124	15	52	1.03	137	0.076	<20	1.84	0.056	0.18	>100	<0.01	5.6	0.5	1.22	7	8.4	0.021	0.055	0.73
641272	Drill Core	0.129	14	25	0.29	70	0.083	<20	1.09	0.056	0.06	68.1	<0.01	1.0	<0.1	0.38	3	4.3	0.006	0.012	0.33
641273	Drill Core	0.133	16	25	0.16	96	0.074	<20	1.39	0.138	0.07	68.3	<0.01	0.5	<0.1	0.44	4	5.8	0.011	0.010	0.30
641274	Drill Core	0.129	17	31	0.35	65	0.099	<20	1.12	0.075	0.07	>100	<0.01	1.3	0.1	0.38	4	5.1	0.006	0.028	0.44



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
641275	Drill Core	7.30	52.0	74.7	8.6	26	0.1	29.1	7.2	113	0.98	1.4	1.2	1.4	3.6	43	0.5	<0.1	4.3	23	0.87
641276	Drill Core	7.90	265.6	11.2	8.1	73	0.1	6.8	1.9	508	0.71	1.9	1.4	3.3	2.5	52	0.8	1.7	9.2	14	3.56
641277	Drill Core	8.50	126.4	205.6	16.3	410	0.4	31.2	12.1	279	2.52	1.0	2.0	8.8	2.9	114	11.0	0.2	15.6	58	2.48
641278	Drill Core	8.30	94.5	82.8	22.2	312	0.4	27.6	6.9	475	1.29	1.3	2.4	8.8	3.7	55	7.7	0.9	11.9	30	3.23
641279	Drill Core	5.40	91.2	89.8	19.5	702	0.4	52.3	8.0	469	1.33	3.9	4.2	33.9	3.9	39	19.3	0.7	25.8	45	2.75
641280	Drill Core	6.70	79.6	68.7	43.7	588	0.7	26.5	5.6	363	1.03	1.6	3.5	10.1	4.6	74	16.1	0.6	17.8	40	3.20
641281	Drill Core	7.00	85.2	55.8	17.3	440	0.3	22.6	4.7	236	0.82	2.8	2.7	12.2	3.6	58	12.8	0.7	15.0	23	2.43
641282	Drill Core	7.30	104.4	58.3	11.0	313	0.2	16.9	5.2	781	1.24	1.0	3.0	13.2	3.8	61	7.6	0.9	14.0	33	4.41
641283	Drill Core	7.70	103.9	92.2	17.9	391	0.4	26.0	7.4	452	1.44	1.3	2.4	14.2	2.9	104	11.4	1.0	11.0	53	3.96
641284	Drill Core	7.60	106.4	85.8	15.9	260	0.3	26.0	8.0	452	1.46	0.5	2.2	4.8	4.5	64	6.6	0.3	6.7	52	2.46
641285	Drill Core	7.70	40.0	53.3	25.2	449	0.3	20.2	6.0	1018	1.47	1.5	2.8	9.6	3.7	90	10.7	1.0	21.6	42	5.15
641286	Drill Core	7.30	98.2	105.7	16.5	156	0.3	33.0	8.4	435	1.54	1.4	2.6	17.7	4.0	54	3.6	0.6	21.5	57	2.57
641287	Drill Core	7.70	45.1	101.8	16.1	455	0.4	25.1	7.9	454	1.28	1.2	2.6	14.7	3.6	79	12.8	0.7	24.2	35	3.14
641288	Drill Core	6.10	92.2	92.4	30.9	122	0.5	29.7	7.8	286	1.39	1.1	2.5	7.5	3.6	82	3.2	0.3	35.7	33	2.63
RRE 641288	Drill Core		98.2	97.3	37.8	138	0.6	24.6	7.3	297	1.25	1.1	2.7	5.7	3.5	74	3.0	0.3	32.7	32	2.66
641289	Drill Core	7.20	80.4	112.5	12.4	147	0.3	28.5	8.3	395	1.55	0.6	2.9	4.2	4.2	73	3.7	0.3	16.0	38	2.89
641290	Drill Core	7.70	70.1	91.7	32.1	209	0.7	21.6	7.6	477	1.38	1.7	2.7	14.3	4.1	83	4.9	1.3	41.8	37	2.96
641291	Drill Core	7.00	44.7	119.5	9.3	62	0.3	28.1	9.3	197	1.66	<0.5	2.1	3.9	4.6	61	1.1	0.1	12.8	51	1.14
641292	Drill Core	5.40	103.4	82.8	5.4	30	0.1	30.5	8.0	220	1.28	0.9	1.9	7.1	4.2	26	0.2	<0.1	9.7	45	1.04
641293	Drill Core	3.60	115.3	130.7	7.2	113	0.4	121.6	22.1	407	2.98	0.5	1.0	5.6	2.0	23	1.9	<0.1	7.9	57	1.26
641294	Drill Core	3.30	58.0	99.3	6.9	24	0.2	39.3	7.6	200	1.34	<0.5	2.3	10.9	4.0	26	0.3	<0.1	13.6	54	1.01
641295	Drill Core	2.70	61.8	91.7	5.2	25	0.2	36.0	7.2	209	1.26	0.7	2.5	8.8	4.0	29	0.2	<0.1	7.2	54	1.05
641296	Rock Pulp		13.1	4431	3.9	58	2.0	110.5	63.9	691	22.34	6.5	2.4	512.1	2.2	65	0.3	0.3	864.7	8	3.46
641297	Drill Core	0.10	0.3	5.0	1.8	1	<0.1	1.8	0.8	169	0.17	1.3	0.1	<0.5	0.2	68	<0.1	<0.1	0.3	<2	22.84
641298	Drill Core	5.50	56.0	130.0	11.8	114	0.4	22.4	9.5	525	1.82	0.8	2.1	8.0	3.6	105	2.2	0.4	14.1	39	3.39
641299	Drill Core	6.30	102.2	72.2	7.0	139	0.2	35.3	6.2	332	1.01	1.7	3.5	9.3	4.2	95	3.5	0.7	11.9	43	3.74
641300	Drill Core	5.60	308.4	29.3	48.4	406	1.1	44.3	9.1	3792	2.87	3.2	10.7	10.8	4.9	101	6.8	5.0	57.8	159	11.56
641301	Drill Core	6.40	89.2	141.2	125.8	596	3.0	35.3	9.3	767	2.32	2.0	3.4	5.3	3.9	78	17.4	0.7	183.2	80	3.61
641302	Drill Core	5.90	68.8	59.1	4.7	152	0.2	19.2	5.3	672	1.28	2.5	2.8	3.6	4.0	104	3.0	1.3	8.4	40	3.80
641303	Drill Core	6.90	103.9	182.6	66.6	497	0.8	24.5	7.4	1014	2.22	5.8	3.8	6.4	4.7	87	8.7	9.6	110.5	68	4.09

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
641275	Drill Core	0.087	13	21	0.23	89	0.073	<20	0.60	0.038	0.06	8.6	<0.01	0.7	<0.1	0.39	3	4.8	0.006	<0.005	0.08
641276	Drill Core	0.070	10	11	0.54	55	0.066	<20	1.07	0.026	0.03	>100	<0.01	0.7	<0.1	0.07	4	1.8	0.025	0.037	0.48
641277	Drill Core	0.095	12	23	0.36	141	0.099	<20	1.56	0.093	0.14	>100	<0.01	2.0	0.2	1.39	6	12.4	0.014	0.014	0.34
641278	Drill Core	0.114	15	27	0.28	66	0.082	<20	1.16	0.046	0.05	>100	<0.01	1.2	<0.1	0.56	4	5.3	0.011	0.025	0.41
641279	Drill Core	0.175	16	37	0.11	38	0.057	<20	1.25	0.037	0.02	>100	<0.01	0.9	<0.1	0.60	4	6.4	0.010	0.019	0.36
641280	Drill Core	0.091	17	27	0.22	61	0.080	<20	1.01	0.091	0.04	>100	<0.01	1.0	<0.1	0.43	3	5.4	0.010	0.031	0.32
641281	Drill Core	0.077	15	22	0.12	54	0.063	<20	0.83	0.062	0.03	>100	<0.01	0.6	<0.1	0.34	3	3.5	0.010	0.029	0.25
641282	Drill Core	0.118	16	20	0.48	44	0.089	<20	1.07	0.050	0.03	>100	<0.01	1.5	<0.1	0.32	4	3.5	0.012	0.063	0.58
641283	Drill Core	0.107	11	30	0.23	71	0.087	<20	1.14	0.051	0.10	96.0	<0.01	1.2	0.2	0.63	4	6.3	0.013	0.020	0.40
641284	Drill Core	0.097	14	29	0.55	88	0.114	<20	0.61	0.053	0.14	>100	<0.01	2.3	0.3	0.57	3	5.4	0.013	0.037	0.36
641285	Drill Core	0.109	16	24	0.80	51	0.101	<20	1.21	0.044	0.04	>100	<0.01	1.9	<0.1	0.30	4	3.3	0.005	0.039	0.74
641286	Drill Core	0.110	15	32	0.36	71	0.115	<20	0.87	0.059	0.05	>100	<0.01	1.8	<0.1	0.64	3	7.1	0.011	0.021	0.41
641287	Drill Core	0.124	15	22	0.25	60	0.091	<20	0.91	0.062	0.04	>100	<0.01	1.3	<0.1	0.56	3	5.6	0.005	0.028	0.40
641288	Drill Core	0.123	14	29	0.22	78	0.089	<20	1.05	0.084	0.06	>100	<0.01	1.1	<0.1	0.58	3	6.3	0.012	0.019	0.30
RRE 641288	Drill Core	0.124	14	24	0.22	64	0.080	<20	1.05	0.078	0.05	>100	<0.01	1.1	<0.1	0.57	3	5.9	0.011	0.018	0.31
641289	Drill Core	0.104	15	26	0.27	69	0.096	<20	0.86	0.094	0.05	>100	<0.01	1.6	<0.1	0.67	3	7.4	0.010	0.017	0.41
641290	Drill Core	0.102	15	27	0.41	81	0.096	<20	0.99	0.061	0.07	>100	<0.01	1.5	<0.1	0.53	4	6.8	0.008	0.024	0.42
641291	Drill Core	0.090	13	27	0.43	142	0.111	<20	0.69	0.076	0.17	60.2	<0.01	2.1	0.3	0.83	3	7.3	0.005	0.009	0.22
641292	Drill Core	0.079	13	30	0.49	80	0.107	<20	0.54	0.032	0.11	>100	<0.01	1.5	0.1	0.58	3	5.9	0.012	0.027	0.20
641293	Drill Core	0.122	7	151	1.36	59	0.169	<20	0.82	0.068	0.49	>100	<0.01	2.9	1.3	1.34	3	9.4	0.015	0.030	0.53
641294	Drill Core	0.077	14	26	0.29	64	0.102	<20	0.45	0.040	0.07	45.0	<0.01	1.3	<0.1	0.66	2	6.8	0.007	0.007	0.14
641295	Drill Core	0.077	15	28	0.30	68	0.110	<20	0.45	0.049	0.08	56.7	<0.01	1.3	<0.1	0.62	2	6.0	0.007	0.009	0.14
641296	Rock Pulp	0.049	10	22	1.05	15	0.020	<20	1.07	0.035	0.17	>100	<0.01	0.6	0.2	6.98	9	12.0	0.001	1.077	0.15
641297	Drill Core	0.007	<1	2	11.44	2	<0.001	<20	0.03	0.023	0.02	0.3	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
641298	Drill Core	0.096	13	20	0.56	69	0.105	<20	1.26	0.050	0.06	>100	<0.01	1.7	<0.1	0.81	5	7.6	0.006	0.037	0.49
641299	Drill Core	0.125	17	27	0.19	73	0.098	<20	1.16	0.075	0.06	>100	<0.01	1.1	<0.1	0.43	4	4.2	0.013	0.023	0.37
641300	Drill Core	0.191	26	49	0.73	31	0.141	<20	2.54	0.024	0.02	>100	<0.01	3.7	0.1	0.21	8	2.8	0.031	0.124	2.16
641301	Drill Core	0.112	16	48	0.48	50	0.125	<20	0.93	0.080	0.06	>100	<0.01	3.1	0.2	1.11	3	9.9	0.010	0.034	0.60
641302	Drill Core	0.093	15	24	0.55	50	0.083	<20	1.10	0.063	0.07	>100	<0.01	1.9	0.1	0.35	4	2.8	0.008	0.037	0.41
641303	Drill Core	0.120	17	37	0.79	129	0.128	23	1.20	0.077	0.22	>100	<0.01	3.7	0.6	0.79	5	6.0	0.014	0.088	0.74



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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
641304	Drill Core	5.60	192.4	444.3	28.0	121	1.3	31.2	8.5	935	3.34	2.9	3.1	34.1	4.0	149	2.0	1.8	36.1	80	3.85
641305	Drill Core	6.30	39.8	111.7	11.0	138	0.3	23.9	7.5	867	1.86	1.3	2.9	15.1	4.0	66	2.1	1.0	23.9	60	4.19
641306	Drill Core	5.40	176.7	82.1	9.5	197	0.2	34.2	6.1	1106	1.54	4.6	8.0	13.6	4.9	167	4.4	2.3	15.7	108	8.35



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI07000430.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
641304	Drill Core	0.094	16	36	0.91	196	0.118	<20	1.40	0.198	0.30	>100	<0.01	4.0	0.7	1.66	6	7.7	0.022	0.053	1.03
641305	Drill Core	0.119	16	29	0.80	81	0.136	<20	1.34	0.053	0.11	>100	<0.01	2.8	0.2	0.57	5	5.5	0.005	0.046	0.73
641306	Drill Core	0.158	19	34	0.35	95	0.099	190	1.96	0.019	0.06	>100	<0.01	2.1	0.1	0.40	6	4.0	0.020	0.048	0.82

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QUALITY CONTROL REPORT

SMI07000430.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
C3	Standard																				
Pulp Duplicates																					
643003	Drill Core	7.20	250.8	98.0	3.5	150	0.1	37.7	8.5	933	1.98	1.2	3.8	3.8	4.3	69	1.4	<0.1	1.8	133	3.37
REP 643003	QC		251.1	97.9	3.4	154	0.1	37.6	8.7	920	2.00	1.1	3.9	4.3	4.6	68	1.4	<0.1	1.8	133	3.39
643011	Drill Core	6.00	439.0	40.9	21.1	4	0.3	1.1	1.5	80	0.49	0.6	25.9	2.1	16.2	11	<0.1	0.3	26.8	<2	0.22
REP 643011	QC																				
643022	Drill Core	5.10	482.8	48.8	165.8	6	0.3	1.8	2.6	172	1.72	9.5	29.1	5.2	15.8	17	<0.1	4.5	627.9	<2	0.41
REP 643022	QC																				
643035	Drill Core	5.60	311.1	35.2	18.0	12	<0.1	3.6	2.3	230	0.81	7.1	29.1	6.5	22.3	48	0.1	0.5	1.4	4	0.70
REP 643035	QC		293.3	37.9	16.7	11	0.1	3.2	2.3	240	0.81	7.5	28.3	6.3	21.1	47	0.1	0.5	1.3	5	0.70
643062	Drill Core	1.90	532.9	140.9	5.9	102	0.2	35.8	9.1	1010	2.35	3.9	4.8	5.6	6.7	136	0.3	0.5	1.1	98	2.20
REP 643062	QC																				
643064	Rock Pulp		14.7	4599	4.5	60	2.3	123.0	81.1	759	29.24	5.8	2.6	529.7	2.6	68	0.2	0.3	897.8	9	3.53
REP 643064	QC																				
643069	Drill Core	6.80	278.6	119.9	4.2	63	0.1	36.7	7.3	555	1.69	<0.5	7.6	9.4	6.0	28	0.4	0.1	4.4	108	1.51
REP 643069	QC		288.7	119.0	4.0	62	0.1	35.7	7.6	552	1.70	0.8	7.6	8.3	6.2	28	0.3	<0.1	4.6	107	1.53
643071	Drill Core	2.80	230.6	351.2	5.4	138	0.4	41.9	19.3	3878	5.93	1.3	2.8	8.9	3.8	59	0.3	0.6	1.6	92	8.22
REP 643071	QC																				
643072	Drill Core	7.10	121.3	118.0	7.3	51	0.1	42.9	9.2	622	1.69	1.8	4.3	7.8	6.3	43	0.1	0.2	6.1	75	1.31
REP 643072	QC																				
643715	Drill Core	7.40	206.1	98.8	31.4	147	0.4	18.4	7.1	1703	2.01	2.3	3.3	1.7	2.9	145	2.8	0.2	7.3	58	7.91
REP 643715	QC																				
643717	Drill Core	8.40	56.0	34.9	37.0	239	0.4	15.7	4.5	1686	1.45	1.2	3.1	1.9	3.2	80	2.3	0.3	12.5	65	3.31

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QUALITY CONTROL REPORT

SMI07000430.1

Method	Analyte	Unit	MDL	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
				0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01
C3	Standard																						0.05
C3	Standard																						0.04
C3	Standard																						0.04
C3	Standard																						0.04
C3	Standard																						0.05
C3	Standard																						0.05
C3	Standard																						0.04
Pulp Duplicates																							
643003	Drill Core			0.149	16	69	0.78	46	0.140	<20	0.84	0.107	0.09	>100	<0.01	4.2	0.1	0.73	4	3.8	0.027	0.090	0.88
REP 643003	QC			0.153	16	69	0.78	44	0.138	<20	0.86	0.105	0.09	>100	<0.01	4.2	0.1	0.73	4	3.6			
643011	Drill Core			0.003	5	10	<0.01	7	0.003	<20	0.16	0.039	0.09	>100	<0.01	1.4	0.1	0.29	<1	1.2	0.049	0.033	0.04
REP 643011	QC																						0.03
643022	Drill Core			0.008	6	11	<0.01	7	0.002	<20	0.17	0.034	0.09	>100	<0.01	1.6	0.2	1.71	<1	3.6	0.049	0.035	0.02
REP 643022	QC																				0.051	0.036	
643035	Drill Core			0.013	10	11	0.07	21	0.005	<20	0.42	0.051	0.18	>100	0.03	2.9	0.3	0.54	2	1.8	0.034	0.050	0.16
REP 643035	QC			0.015	10	11	0.07	21	0.005	<20	0.40	0.049	0.18	>100	0.02	2.7	0.2	0.55	2	1.3			
643062	Drill Core			0.112	25	57	0.81	187	0.148	<20	1.09	0.084	0.29	>100	0.09	5.8	0.7	0.91	6	5.2	0.053	0.084	0.65
REP 643062	QC																						0.66
643064	Rock Pulp			0.050	11	23	1.11	17	0.024	<20	1.11	0.038	0.17	>100	0.14	0.7	0.2	>10	9	15.9	0.001	1.054	0.13
REP 643064	QC																				0.001	1.030	
643069	Drill Core			0.065	14	49	0.32	37	0.129	<20	0.43	0.061	0.04	>100	0.04	3.1	<0.1	0.71	3	5.9	0.031	0.060	0.37
REP 643069	QC			0.064	15	49	0.31	38	0.130	<20	0.42	0.058	0.04	>100	0.05	3.2	<0.1	0.71	2	6.8			
643071	Drill Core			0.114	22	40	3.07	52	0.125	<20	1.36	0.105	0.09	>100	0.23	5.5	0.1	2.24	8	15.5	0.022	0.223	1.85
REP 643071	QC																				0.023	0.232	
643072	Drill Core			0.064	16	54	0.62	87	0.154	<20	0.56	0.035	0.11	>100	<0.01	4.2	0.2	0.73	3	6.5	0.011	0.019	0.33
REP 643072	QC																						0.32
643715	Drill Core			0.134	16	24	0.24	75	0.127	<20	0.87	0.029	0.06	>100	<0.01	1.7	0.1	0.43	4	3.0	0.022	0.031	0.52
REP 643715	QC																				0.022	0.032	
643717	Drill Core			0.117	15	26	0.45	34	0.122	<20	0.72	0.029	0.06	>100	<0.01	2.0	<0.1	0.06	3	0.7	0.006	0.027	0.46

QUALITY CONTROL REPORT

SMI07000430.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
REP 643717	QC		53.3	31.4	37.7	219	0.4	15.4	4.3	1497	1.28	0.9	2.8	1.4	2.9	83	2.1	0.3	12.2	59	2.89
643718	Drill Core	6.40	563.5	138.9	24.8	159	0.4	41.1	9.9	2642	3.03	2.1	7.9	2.6	6.0	126	1.6	0.3	8.1	213	6.08
REP 643718	QC																				
643753	Drill Core	6.30	334.0	51.5	4.7	78	<0.1	14.1	4.2	361	0.89	0.8	3.2	7.0	6.2	154	0.9	0.4	4.9	39	2.92
REP 643753	QC		348.6	50.0	4.2	75	<0.1	13.5	4.0	337	0.86	0.7	3.0	1.8	5.9	155	0.8	0.3	4.9	38	2.72
643762	Drill Core	7.80	344.4	117.0	11.4	80	0.3	25.1	7.8	1486	1.99	1.7	2.7	1.7	3.8	49	0.5	0.2	1.7	55	3.48
REP 643762	QC																				
643768	Drill Core	6.40	192.9	56.8	2.8	58	<0.1	28.0	6.2	941	1.35	0.9	4.7	1.9	5.6	64	0.2	0.2	0.7	75	2.99
REP 643768	QC																				
643775	Drill Core	6.40	195.7	76.8	79.0	448	0.9	38.4	5.7	1218	1.65	16.7	10.8	2.7	8.5	215	7.1	1.4	4.1	100	3.92
REP 643775	QC																				
643788	Drill Core	5.10	58.0	21.3	28.4	20	0.3	5.5	1.6	230	0.43	1.5	30.1	4.2	39.6	46	0.1	0.1	1.6	16	0.95
REP 643788	QC		56.9	21.3	29.1	20	0.4	5.6	1.4	245	0.44	1.4	30.5	4.8	39.4	48	0.2	0.1	1.6	16	0.99
643799	Drill Core	6.60	465.3	109.7	7.6	54	0.2	10.3	11.5	894	2.58	1.8	1.2	3.2	2.0	83	0.2	0.1	2.8	101	2.55
REP 643799	QC																				
643808	Drill Core	8.20	546.8	42.7	27.6	137	0.4	29.2	5.2	2840	2.34	3.3	8.6	1.4	3.7	107	1.8	0.7	4.6	188	9.97
REP 643808	QC																				
643139	Drill Core	4.40	381.8	127.9	18.1	105	0.7	28.5	7.9	1465	1.97	1.7	3.6	4.7	4.3	82	1.3	0.2	3.8	107	4.61
REP 643139	QC																				
643142	Drill Core	4.00	488.1	127.8	14.2	67	0.8	12.4	5.2	570	1.20	0.7	26.5	12.8	20.9	37	1.2	0.1	7.9	42	1.30
REP 643142	QC		453.5	122.3	14.1	62	0.8	12.0	4.8	537	1.18	0.6	26.6	12.3	20.6	37	1.3	0.1	8.2	38	1.27
641285	Drill Core	7.70	40.0	53.3	25.2	449	0.3	20.2	6.0	1018	1.47	1.5	2.8	9.6	3.7	90	10.7	1.0	21.6	42	5.15
REP 641285	QC																				
641291	Drill Core	7.00	44.7	119.5	9.3	62	0.3	28.1	9.3	197	1.66	<0.5	2.1	3.9	4.6	61	1.1	0.1	12.8	51	1.14
REP 641291	QC																				
641306	Drill Core	5.40	176.7	82.1	9.5	197	0.2	34.2	6.1	1106	1.54	4.6	8.0	13.6	4.9	167	4.4	2.3	15.7	108	8.35
REP 641306	QC		175.8	77.4	9.7	200	0.3	36.4	6.3	1058	1.50	4.3	8.2	12.3	4.9	158	4.3	2.3	15.2	104	7.90
LIBF200	Standard																				
LIBF200	Standard																				

QUALITY CONTROL REPORT

SMI07000430.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.001	0.005	0.01	
REP 643717	QC	0.113	14	23	0.44	34	0.102	<20	0.61	0.028	0.06	>100	<0.01	2.0	<0.1	0.05	3	1.1			
643718	Drill Core	0.149	20	60	0.77	99	0.128	<20	1.09	0.218	0.06	>100	<0.01	3.7	0.1	0.89	5	3.2	0.063	0.121	1.37
REP 643718	QC																				1.42
643753	Drill Core	0.144	20	23	0.26	52	0.099	<20	1.85	0.307	0.06	>100	<0.01	1.2	0.1	0.34	5	1.7	0.033	0.033	0.60
REP 643753	QC	0.131	19	21	0.26	51	0.095	<20	1.83	0.285	0.06	>100	<0.01	1.0	0.1	0.36	5	1.9			
643762	Drill Core	0.095	12	33	1.26	36	0.120	<20	0.78	0.070	0.05	>100	<0.01	2.4	0.1	0.75	4	2.9	0.035	0.050	0.64
REP 643762	QC																		0.038	0.051	
643768	Drill Core	0.093	16	33	0.79	100	0.137	<20	0.72	0.070	0.11	>100	<0.01	2.4	0.2	0.35	3	3.6	0.019	0.047	0.61
REP 643768	QC																				0.60
643775	Drill Core	0.078	15	36	0.65	112	0.016	<20	1.78	0.053	0.07	42.7	0.03	3.4	0.3	0.53	5	3.9	0.024	0.008	0.19
REP 643775	QC																				0.18
643788	Drill Core	0.021	23	18	0.17	54	0.034	<20	0.40	0.044	0.18	>100	<0.01	1.8	0.3	0.10	2	0.9	0.006	0.012	0.17
REP 643788	QC	0.022	24	18	0.17	56	0.036	<20	0.40	0.047	0.18	>100	<0.01	1.9	0.3	0.09	2	0.9			
643799	Drill Core	0.161	9	9	0.94	37	0.143	<20	0.96	0.083	0.11	>100	<0.01	7.5	0.1	0.99	5	5.2	0.050	0.016	0.48
REP 643799	QC																		0.049	0.016	
643808	Drill Core	0.198	20	53	0.32	34	0.098	<20	1.79	0.022	0.01	>100	0.11	2.9	<0.1	0.17	8	2.1	0.054	0.080	0.94
REP 643808	QC																		0.055	0.080	
643139	Drill Core	0.137	17	33	0.34	37	0.107	<20	1.76	0.055	0.01	>100	<0.01	2.1	<0.1	0.64	6	4.7	0.040	0.060	0.83
REP 643139	QC																				0.94
643142	Drill Core	0.043	15	19	0.19	68	0.061	<20	0.51	0.146	0.10	>100	<0.01	3.6	0.1	0.56	3	3.4	0.049	0.065	0.47
REP 643142	QC	0.042	14	19	0.19	65	0.058	<20	0.50	0.148	0.10	>100	<0.01	3.4	0.1	0.54	3	3.5			
641285	Drill Core	0.109	16	24	0.80	51	0.101	<20	1.21	0.044	0.04	>100	<0.01	1.9	<0.1	0.30	4	3.3	0.005	0.039	0.74
REP 641285	QC																				0.74
641291	Drill Core	0.090	13	27	0.43	142	0.111	<20	0.69	0.076	0.17	60.2	<0.01	2.1	0.3	0.83	3	7.3	0.005	0.009	0.22
REP 641291	QC																		0.005	0.009	
641306	Drill Core	0.158	19	34	0.35	95	0.099	190	1.96	0.019	0.06	>100	<0.01	2.1	0.1	0.40	6	4.0	0.020	0.048	0.82
REP 641306	QC	0.164	20	33	0.37	97	0.087	180	1.77	0.018	0.06	>100	<0.01	2.2	0.1	0.40	6	4.2			
LIBF200	Standard																				0.13
LIBF200	Standard																				0.15

QUALITY CONTROL REPORT

SMI07000430.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
LIBF200	Standard																					
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LIBF200	Standard																					
Reference Materials																						
STD C3	Standard																					
STD C3	Standard																					
STD DS7	Standard		20.4	100.8	64.9	405	0.8	51.8	9.1	592	2.28	51.4	4.8	58.8	4.3	71	7.1	4.9	4.6	82	0.94	
STD DS7	Standard		18.8	106.6	66.8	402	0.8	52.0	8.8	563	2.23	49.4	4.9	63.6	4.3	70	6.4	4.7	4.9	78	0.90	
STD DS7	Standard		20.6	110.2	72.2	414	0.9	56.9	9.5	620	2.33	49.4	5.0	52.6	4.6	71	6.7	4.3	4.5	87	0.96	
STD DS7	Standard		22.0	110.5	73.5	417	0.9	58.0	9.5	623	2.37	48.8	5.1	81.2	4.7	72	6.5	4.4	4.9	83	0.97	
STD DS7	Standard		20.7	106.3	70.3	433	0.8	55.2	10.2	635	2.50	56.1	5.6	66.8	4.9	80	6.9	5.1	4.9	88	1.01	
STD DS7	Standard		19.4	95.5	63.1	395	0.8	53.2	8.7	610	2.26	49.7	4.9	61.7	4.2	73	6.6	5.0	4.6	82	0.91	
STD DS7	Standard		23.5	110.1	72.8	424	0.8	60.3	10.0	646	2.47	50.6	5.7	56.1	4.8	77	6.7	4.9	4.8	90	1.03	
STD DS7	Standard		20.7	106.8	68.4	406	0.7	56.7	9.7	589	2.27	49.9	4.6	55.1	4.1	68	6.5	4.7	4.5	84	0.93	
STD DS7	Standard		22.4	105.2	70.1	410	0.8	55.2	9.7	636	2.40	57.3	5.2	60.3	4.5	76	7.0	5.2	4.9	85	0.98	
STD DS7	Standard		23.0	96.6	69.1	422	0.8	56.5	9.3	602	2.34	52.6	4.8	53.1	4.8	79	7.0	5.4	4.7	85	0.97	
STD DS7	Standard		19.7	100.2	67.9	376	0.8	54.8	8.9	566	2.22	44.9	4.5	52.3	3.8	62	5.7	4.6	4.3	83	0.87	
STD DS7	Standard		20.1	101.0	67.0	388	0.8	55.6	9.2	564	2.26	42.9	4.8	66.3	4.3	65	6.2	4.5	4.4	83	0.90	
STD DS7	Standard		22.4	102.4	70.2	405	0.8	58.7	9.6	595	2.33	50.2	4.5	51.5	4.2	67	6.1	4.3	4.3	89	0.94	
STD DS7	Standard		21.3	105.7	73.3	403	0.9	58.1	9.8	609	2.38	48.2	5.1	56.4	4.7	70	6.0	4.6	4.6	87	0.97	
STD DS7	Standard		19.7	92.6	69.3	382	0.8	52.2	9.0	601	2.29	49.2	4.9	111.2	4.7	71	6.5	5.4	4.7	83	0.92	
STD DS7	Standard		20.4	90.7	67.0	376	0.7	53.8	9.2	586	2.26	47.9	4.9	47.4	4.5	70	6.2	5.2	4.7	83	0.90	
STD DS7	Standard		22.2	104.9	77.0	411	0.8	59.5	10.1	625	2.44	51.7	5.3	61.8	4.8	76	6.3	4.9	4.7	87	1.01	
STD DS7	Standard		23.4	111.5	74.6	418	0.8	62.9	10.5	656	2.53	53.2	5.8	61.4	5.0	79	6.5	4.8	4.8	97	1.04	
STD DS7	Standard		16.7	90.1	59.8	378	0.8	52.6	7.8	544	2.21	41.9	4.0	57.8	4.3	62	5.7	4.6	4.1	82	0.88	

QUALITY CONTROL REPORT

SMI07000430.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
LIBF200	Standard																					0.13
LIBF200	Standard																					0.15
LIBF200	Standard																					0.13
LIBF200	Standard																					0.13
LIBF200	Standard																					0.12
LIBF200	Standard																					0.13
LIBF200	Standard																					0.12
Reference Materials																						
STD C3	Standard																					0.04
STD C3	Standard																					0.04
STD DS7	Standard	0.083	12	180	1.03	388	0.112	38	0.97	0.086	0.47	3.3	0.19	2.3	4.2	0.20	5	3.6				
STD DS7	Standard	0.076	11	168	1.02	363	0.107	37	0.93	0.086	0.42	3.3	0.19	2.2	4.2	0.20	4	3.4				
STD DS7	Standard	0.073	13	197	1.04	376	0.112	20	1.00	0.087	0.45	3.6	0.21	2.2	4.2	0.19	5	4.0				
STD DS7	Standard	0.079	12	191	1.05	383	0.114	24	1.00	0.089	0.43	3.6	0.20	2.3	4.3	0.21	5	3.9				
STD DS7	Standard	0.086	13	192	1.12	393	0.120	42	1.04	0.093	0.46	3.6	0.20	2.4	4.3	0.21	5	3.4				
STD DS7	Standard	0.077	12	175	0.99	364	0.109	37	0.93	0.084	0.44	3.5	0.19	2.2	4.0	0.19	4	3.1				
STD DS7	Standard	0.076	13	211	1.12	397	0.123	49	1.07	0.094	0.46	<0.1	0.20	2.5	4.3	0.20	5	4.5				
STD DS7	Standard	0.069	12	185	1.02	372	0.106	35	0.96	0.077	0.40	3.9	0.20	2.1	4.0	0.19	5	4.3				
STD DS7	Standard	0.081	13	193	1.07	397	0.122	42	1.01	0.095	0.48	4.8	0.22	2.6	4.6	0.20	5	4.0				
STD DS7	Standard	0.082	13	184	1.07	403	0.117	36	0.99	0.092	0.45	6.3	0.20	2.4	4.3	0.20	5	4.1				
STD DS7	Standard	0.073	11	181	0.98	348	0.101	29	0.89	0.074	0.38	4.0	0.19	2.0	4.0	0.19	4	3.7				
STD DS7	Standard	0.072	12	184	0.99	369	0.108	34	0.94	0.077	0.38	3.8	0.19	2.1	4.2	0.19	5	3.5				
STD DS7	Standard	0.074	12	188	1.01	369	0.110	34	0.97	0.081	0.41	3.9	0.20	2.3	4.1	0.21	5	4.3				
STD DS7	Standard	0.074	12	195	1.05	375	0.117	37	1.02	0.087	0.40	3.1	0.20	2.4	4.4	0.22	5	3.8				
STD DS7	Standard	0.078	12	185	0.99	370	0.114	42	0.95	0.085	0.44	3.8	0.21	2.3	4.1	0.20	4	3.5				
STD DS7	Standard	0.077	12	184	0.98	365	0.113	39	0.92	0.086	0.43	3.7	0.18	2.2	3.8	0.20	4	3.8				
STD DS7	Standard	0.073	14	204	1.07	388	0.127	41	1.07	0.090	0.42	3.6	0.21	2.5	4.4	0.21	5	4.1				
STD DS7	Standard	0.079	14	223	1.10	410	0.134	37	1.08	0.091	0.44	4.2	0.21	2.7	4.5	0.22	5	4.2				
STD DS7	Standard	0.069	11	155	0.96	305	0.099	28	0.93	0.073	0.45	3.2	0.18	2.0	3.4	0.19	4	3.2				

QUALITY CONTROL REPORT

SMI07000430.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.001	0.005	0.01	
STD DS7	Standard	0.081	13	178	1.02	367	0.112	37	0.98	0.093	0.43	3.2	0.19	2.2	4.0	0.19	4	3.6			
STD DS7	Standard	0.080	14	191	1.05	392	0.124	38	1.05	0.092	0.43	4.3	0.21	2.4	4.5	0.20	5	4.1			
STD DS7	Standard	0.074	14	184	1.00	385	0.119	31	1.01	0.087	0.41	3.0	0.21	2.3	4.3	0.20	5	3.6			
STD KP-1	Standard																		0.220	0.723	
STD KP-1	Standard																		0.219	0.723	
STD KP-1	Standard																		0.225	0.715	
STD KP-1	Standard																		0.222	0.707	
STD KP-1	Standard																		0.225	0.715	
STD KP-1	Standard																		0.225	0.719	
STD KP-1	Standard																		0.228	0.720	
STD KP-1	Standard																		0.225	0.714	
STD KP-1	Standard																		0.226	0.902	
STD KP-1	Standard																		0.224	0.920	
STD KP-1	Standard																		0.227	0.712	
STD KP-1	Standard																		0.228	0.713	
STD KP-1	Standard																		0.228	0.714	
STD KP-1	Standard																		0.227	0.706	
STD KP-1	Standard																		0.229	0.759	
STD KP-1	Standard																		0.234	0.803	
STD KP-1	Standard																		0.225	0.755	
STD KP-1	Standard																		0.226	0.784	
STD KP-1 Expected																			0.22	0.74	
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5			
STD C3 Expected																					0
LIBF200 Expected																					0.1
C3 Expected																					0.042
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	



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Submitted By: Farshid Ghazanfari
Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
Received: December 10, 2007
Report Date: February 29, 2008
Page: 1 of 12

CERTIFICATE OF ANALYSIS

SMI08000465.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID: 07ND51-53
P.O. Number: ACME FILE: A718863
Number of Samples: 324

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

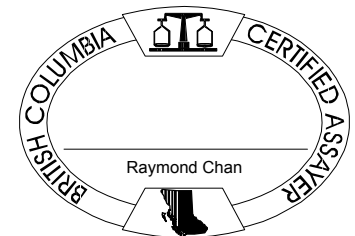
Invoice To: Largo Resources Ltd.
65 Queen St. West, Suite 820
P.O. Box 71
Toronto ON M5H 2M5
Canada

CC: R. A. Campbell

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	306	Crush, split & pulverize drill core to 150 mesh		
1DX	324	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
7KP	324	Phosphoric acid leach, ICP-ES analysis	0.5	Completed
8-Fluorine	324	NaOH fusion, analysis by specific ion electrode	0.1	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643247	Drill Core	4.40	950.8	38.2	37.6	17	0.2	1.4	1.4	169	0.34	10.9	25.6	5.1	15.5	49	0.2	0.7	0.8	<2	0.58
643248	Drill Core	5.30	390.5	58.1	23.0	7	0.1	1.9	1.9	125	0.57	3.9	24.7	5.1	13.4	19	<0.1	0.3	0.7	<2	0.24
643249	Drill Core	6.00	280.1	78.2	25.8	11	0.2	0.8	2.0	147	0.61	12.7	23.8	5.9	12.5	20	<0.1	0.5	1.9	<2	0.25
RRE 643249	Drill Core		241.3	77.4	28.3	11	0.2	1.6	1.7	147	0.60	12.7	24.2	5.2	12.7	19	<0.1	0.8	3.1	<2	0.24
643250	Drill Core	5.70	629.1	47.0	22.8	12	0.1	1.0	1.6	147	0.59	5.5	25.1	4.7	13.8	16	<0.1	0.4	1.0	<2	0.20
643251	Drill Core	5.40	263.1	33.1	32.9	9	0.1	1.6	1.4	154	0.47	5.8	23.8	7.1	13.7	14	<0.1	0.7	8.1	<2	0.21
643252	Drill Core	5.50	628.4	81.9	26.9	6	0.4	1.2	2.2	86	0.64	2.8	27.9	6.1	15.9	15	<0.1	0.3	11.7	<2	0.23
643253	Drill Core	5.80	911.4	61.2	35.5	7	0.3	2.1	2.3	94	0.85	2.6	24.6	6.9	14.9	9	<0.1	0.6	18.5	<2	0.19
643254	Drill Core	5.40	515.9	60.2	26.6	9	0.2	1.0	2.1	148	0.60	9.1	23.9	4.8	13.0	19	<0.1	0.5	7.9	<2	0.29
643255	Drill Core	5.60	352.5	30.7	50.3	12	0.6	1.6	1.4	126	0.48	21.9	23.4	11.9	13.6	20	0.4	0.8	25.1	<2	0.22
643256	Drill Core	4.70	265.5	28.6	38.7	8	0.2	1.0	1.3	110	0.45	10.6	28.4	8.9	16.5	18	0.2	1.8	30.7	<2	0.26
643257	Drill Core	5.10	311.0	32.7	23.4	7	0.2	1.6	1.9	163	0.48	15.5	27.5	5.4	16.0	37	0.3	2.3	1.0	<2	0.66
643258	Drill Core	3.30	743.5	30.8	41.7	11	0.4	0.9	1.3	221	0.49	21.3	27.3	10.0	16.7	18	0.6	1.5	7.6	<2	0.34
643259	Drill Core	6.90	375.6	33.6	126.2	34	0.8	1.7	1.6	285	0.46	76.9	26.3	14.5	15.9	24	0.7	0.9	19.0	<2	0.42
643260	Drill Core	1.50	666.3	32.7	34.4	9	0.1	1.2	1.9	244	0.46	76.8	21.7	8.8	13.6	16	0.5	1.1	1.4	<2	0.30
643261	Drill Core	2.00	361.8	33.1	35.9	12	0.1	1.6	1.9	226	0.42	86.2	20.4	5.0	13.3	18	0.4	0.9	1.1	<2	0.32
643262	Rock Pulp	0.10	13.4	4455	3.7	49	2.0	103.3	74.5	679	27.30	5.7	2.1	424.3	2.0	54	0.3	0.3	848.1	8	3.03
643263	Rock Chip	0.40	1.9	3.5	1.5	<1	<0.1	0.2	0.5	148	0.10	0.8	0.1	<0.5	0.1	55	<0.1	<0.1	<0.1	2	20.97
643264	Drill Core	5.40	518.2	35.3	52.0	6	0.1	1.7	1.7	206	0.45	47.1	24.0	16.2	15.9	33	0.6	1.6	33.1	<2	0.53
643265	Drill Core	4.40	201.3	44.9	26.3	7	0.1	1.2	1.6	145	0.50	35.7	27.5	12.8	17.7	23	0.3	2.3	0.5	<2	0.43
643266	Drill Core	2.80	191.8	49.7	43.8	26	0.2	4.6	2.3	420	0.59	50.4	25.8	8.0	19.7	50	0.4	1.3	0.6	3	1.11
643267	Drill Core	4.40	209.6	110.2	43.3	53	0.3	12.2	5.1	1106	1.50	89.0	19.4	5.2	12.7	103	0.7	4.5	1.5	16	3.17
643268	Drill Core	4.80	228.8	168.1	13.3	87	0.3	18.8	10.3	1112	2.35	19.2	16.5	9.0	12.8	70	0.6	1.6	1.3	34	2.28
643269	Drill Core	4.40	362.1	117.1	9.5	136	0.2	26.2	7.4	704	1.85	12.5	4.0	4.6	7.9	61	1.5	1.1	2.6	63	1.83
643270	Drill Core	5.60	72.0	58.8	18.2	35	0.1	5.2	3.2	375	0.89	5.0	25.5	3.4	17.4	43	0.3	0.5	0.6	13	1.00
643271	Drill Core	6.30	283.2	119.7	5.6	109	0.2	17.1	7.4	850	1.75	0.8	9.1	8.7	8.5	109	1.3	0.2	1.8	56	2.99
643272	Drill Core	5.40	52.3	243.2	7.1	71	0.4	34.9	10.0	482	2.10	1.0	2.3	3.8	5.3	65	0.8	<0.1	2.3	62	1.29
643273	Drill Core	6.00	376.0	187.4	9.3	734	0.4	28.4	9.1	2008	2.88	0.9	3.8	5.9	4.6	84	17.6	0.2	8.2	78	4.85
643274	Drill Core	6.80	166.9	206.7	7.0	80	0.4	31.8	8.7	502	1.82	<0.5	6.3	6.0	6.8	20	0.7	<0.1	2.4	76	0.98
643275	Drill Core	3.70	331.5	277.1	5.1	263	0.4	24.9	12.8	2640	3.68	1.9	4.6	8.7	5.7	112	3.1	0.5	4.7	82	6.65



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643247	Drill Core	0.004	5	6	0.01	22	0.001	<20	0.26	0.030	0.16	>100	<0.01	1.3	0.2	0.22	<1	0.8	0.100	0.045	0.04
643248	Drill Core	0.006	4	7	0.01	17	0.002	<20	0.21	0.050	0.14	>100	<0.01	1.3	0.1	0.31	1	0.7	0.042	0.031	0.02
643249	Drill Core	0.006	4	8	<0.01	10	0.001	<20	0.19	0.038	0.11	>100	<0.01	1.4	0.1	0.37	<1	1.2	0.030	0.029	0.02
RRE 643249	Drill Core	0.007	4	9	<0.01	11	0.001	<20	0.19	0.041	0.12	>100	<0.01	1.4	0.1	0.33	1	0.9	0.027	0.029	0.02
643250	Drill Core	0.007	4	8	0.01	8	0.002	<20	0.19	0.047	0.12	60.6	<0.01	1.5	0.1	0.35	1	1.7	0.067	0.009	0.02
643251	Drill Core	0.008	4	7	<0.01	9	0.002	<20	0.21	0.044	0.13	39.9	<0.01	1.8	0.1	0.29	1	0.8	0.029	<0.005	0.02
643252	Drill Core	0.003	4	7	<0.01	9	0.003	<20	0.18	0.044	0.11	>100	<0.01	1.3	0.1	0.41	<1	1.9	0.042	0.014	0.03
643253	Drill Core	0.007	4	10	<0.01	9	0.003	<20	0.17	0.048	0.12	>100	<0.01	1.1	<0.1	0.63	<1	2.2	0.101	0.037	0.02
643254	Drill Core	0.011	5	11	<0.01	9	0.002	<20	0.19	0.038	0.12	>100	<0.01	1.2	0.1	0.34	<1	1.2	0.060	0.024	0.03
643255	Drill Core	0.005	3	7	<0.01	13	0.002	<20	0.25	0.054	0.14	>100	0.07	1.4	0.1	0.33	1	2.8	0.043	0.040	0.02
643256	Drill Core	0.004	3	6	<0.01	8	0.004	<20	0.32	0.041	0.09	>100	0.03	3.4	0.3	0.33	1	2.1	0.030	0.016	0.03
643257	Drill Core	0.005	4	7	<0.01	8	0.002	<20	0.56	0.043	0.10	72.2	0.02	1.5	0.4	0.36	2	1.8	0.034	0.011	0.01
643258	Drill Core	0.007	6	7	<0.01	10	0.001	<20	0.24	0.042	0.12	>100	0.10	1.6	0.3	0.36	1	1.7	0.077	0.040	0.02
643259	Drill Core	0.013	5	8	<0.01	12	0.002	<20	0.34	0.052	0.17	80.7	0.02	2.4	0.3	0.31	2	2.1	0.043	0.012	0.02
643260	Drill Core	0.023	5	9	<0.01	10	0.001	<20	0.20	0.039	0.12	>100	0.04	1.7	0.1	0.30	<1	1.8	0.068	0.024	0.02
643261	Drill Core	0.026	5	9	<0.01	10	<0.001	<20	0.19	0.035	0.11	91.6	0.04	1.6	0.1	0.27	1	1.2	0.076	0.018	0.03
643262	Rock Pulp	0.046	8	21	1.06	14	0.016	<20	1.02	0.038	0.16	>100	0.16	0.6	0.2	>10	8	17.3	0.002	1.214	0.12
643263	Rock Chip	0.004	<1	2	11.97	1	<0.001	<20	0.02	0.030	0.02	1.7	<0.01	0.1	<0.1	<0.05	<1	0.6	<0.001	<0.005	0.02
643264	Drill Core	0.018	6	7	<0.01	13	0.001	<20	0.46	0.040	0.12	>100	0.03	2.1	0.4	0.38	1	2.7	0.058	0.015	0.02
643265	Drill Core	0.005	5	7	0.03	12	0.002	<20	0.38	0.046	0.10	>100	0.07	1.8	0.2	0.38	1	2.2	0.023	0.021	0.02
643266	Drill Core	0.010	7	10	0.13	30	0.002	<20	0.56	0.042	0.18	>100	0.05	2.8	0.4	0.34	2	2.0	0.021	0.031	0.10
643267	Drill Core	0.048	8	15	0.38	79	0.006	<20	1.13	0.037	0.27	>100	0.12	5.6	1.0	0.81	3	4.4	0.024	0.021	0.23
643268	Drill Core	0.064	11	26	0.80	102	0.056	<20	1.01	0.083	0.32	>100	0.09	4.7	0.6	1.13	5	7.4	0.025	0.054	0.60
643269	Drill Core	0.086	18	38	0.97	134	0.059	<20	1.22	0.033	0.44	>100	0.03	5.6	1.1	0.79	5	5.0	0.037	0.017	0.40
643270	Drill Core	0.018	7	8	0.23	32	0.005	<20	0.71	0.042	0.13	87.6	0.03	3.3	0.2	0.37	3	2.7	0.008	0.012	0.09
643271	Drill Core	0.081	15	32	0.72	104	0.107	<20	0.97	0.295	0.13	>100	0.12	4.4	0.2	0.81	4	5.2	0.030	0.092	1.01
643272	Drill Core	0.118	16	37	0.62	127	0.127	<20	0.84	0.101	0.34	>100	0.05	3.1	0.7	1.22	4	7.4	0.005	0.025	0.34
643273	Drill Core	0.116	15	42	1.21	68	0.136	<20	0.96	0.126	0.11	>100	0.13	4.3	0.2	1.09	5	14.1	0.045	0.075	1.44
643274	Drill Core	0.058	13	40	0.60	111	0.112	<20	0.60	0.069	0.21	>100	0.06	4.8	0.5	0.85	3	5.0	0.018	0.028	0.40
643275	Drill Core	0.153	17	39	1.59	108	0.127	<20	1.56	0.183	0.14	>100	0.28	5.8	0.4	1.33	7	9.1	0.035	0.201	2.03



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643276	Drill Core	6.00	1067	47.7	31.4	13	0.2	2.1	1.8	133	0.51	7.2	26.5	7.4	15.6	11	0.7	0.2	1.5	<2	0.33
643277	Drill Core	1.60	388.4	55.5	47.5	12	0.2	1.2	1.9	213	0.47	16.6	31.0	5.3	17.8	30	0.4	0.3	2.4	<2	0.63
643278	Drill Core	5.80	499.3	189.1	5.9	85	0.2	23.5	11.5	1114	2.63	4.4	3.6	4.4	5.5	66	0.6	0.8	10.7	51	2.99
643279	Drill Core	4.00	488.5	161.1	2.5	112	0.2	24.6	8.9	828	2.05	<0.5	4.3	7.6	6.4	44	0.8	<0.1	1.7	80	2.83
643280	Drill Core	5.90	529.5	109.5	55.0	9	0.4	2.7	2.6	77	0.65	4.9	16.4	7.6	13.6	21	0.5	0.7	75.4	<2	0.48
643281	Drill Core	5.20	366.2	36.7	41.6	6	0.6	1.3	1.4	69	0.45	5.6	14.6	4.9	9.1	10	0.3	0.7	75.3	<2	0.24
643282	Drill Core	5.30	586.4	34.7	36.6	8	0.2	0.9	1.4	95	0.40	3.8	22.5	7.7	12.7	13	0.3	0.4	25.0	<2	0.26
643283	Drill Core	5.60	294.0	59.4	22.7	8	0.2	1.9	1.5	81	0.46	0.7	21.9	3.9	13.4	10	0.3	<0.1	6.9	<2	0.21
643284	Drill Core	5.70	585.6	87.3	23.3	13	0.3	1.0	1.6	109	0.48	2.0	25.8	7.2	15.0	10	0.5	<0.1	2.8	<2	0.21
643285	Drill Core	5.40	284.8	39.5	25.9	9	0.1	1.5	1.4	146	0.47	3.0	26.7	4.4	15.9	13	0.2	0.2	2.8	<2	0.28
643286	Drill Core	5.80	521.3	94.8	51.9	10	0.5	1.3	2.4	155	0.71	3.9	26.6	4.9	15.5	16	0.4	0.3	24.6	<2	0.30
643287	Drill Core	5.90	608.7	66.3	20.0	8	0.2	3.1	2.7	219	0.67	13.8	29.4	6.9	23.6	53	0.3	0.7	2.9	<2	1.02
RRE 643287	Drill Core		692.8	68.1	24.5	8	0.3	2.2	2.6	202	0.64	13.2	30.5	8.9	25.6	49	0.4	0.7	5.9	<2	0.94
643288	Drill Core	3.00	470.0	51.1	30.7	8	0.1	1.7	1.6	136	0.47	4.7	21.8	6.5	14.6	20	0.3	0.5	13.9	<2	0.37
643289	Drill Core	6.00	702.1	207.6	6.2	103	0.3	37.9	11.9	1256	2.73	5.2	3.9	5.5	5.4	106	1.1	0.6	2.1	90	3.13
643290	Drill Core	6.40	260.4	266.5	11.6	69	0.8	32.3	8.5	495	2.28	1.3	3.0	6.5	4.0	26	0.9	0.2	11.3	62	1.49
643291	Drill Core	7.00	484.8	174.2	2.9	104	0.2	22.0	7.7	1140	2.17	0.7	3.4	5.1	5.3	37	1.0	<0.1	1.2	58	2.49
643292	Drill Core	1.60	471.6	212.4	3.3	80	0.4	23.2	21.0	748	2.09	1.0	6.9	7.9	7.9	13	0.6	<0.1	3.0	40	1.57
643293	Drill Core	2.10	258.8	97.0	11.1	11	0.3	4.2	2.6	88	0.80	1.1	25.3	9.6	22.6	14	0.2	<0.1	5.2	<2	0.48
643294	Drill Core	2.40	199.8	185.0	8.7	17	0.4	4.6	3.2	77	0.81	0.9	24.2	9.7	21.5	14	0.3	<0.1	0.5	<2	0.43
643295	Rock Pulp	0.10	653.6	112.3	9.7	80	0.2	13.9	5.2	623	2.21	2.1	2.3	3.9	5.0	133	0.7	0.2	0.6	15	1.19
643296	Rock Chip	0.50	0.2	2.7	1.6	<1	<0.1	1.9	0.8	129	0.10	0.8	0.1	<0.5	0.1	52	<0.1	<0.1	<0.1	<2	20.61
643297	Drill Core	5.40	338.4	107.3	2.7	106	0.2	19.5	6.4	585	1.67	1.3	4.5	5.6	5.8	30	1.0	<0.1	1.8	66	2.45
643298	Drill Core	2.40	247.2	108.8	8.2	123	0.4	19.9	7.1	795	1.75	1.2	4.0	7.1	5.9	30	1.4	0.2	6.5	69	2.87
643299	Drill Core	5.30	421.5	48.1	20.9	7	0.2	2.3	1.7	134	0.52	17.9	21.9	5.4	14.5	26	0.3	0.2	5.5	<2	0.66
643300	Drill Core	5.90	387.8	35.7	19.4	7	0.2	1.1	1.4	78	0.60	2.1	17.9	6.1	13.1	11	0.3	0.1	11.0	<2	0.27
643301	Drill Core	5.70	378.2	36.3	129.9	8	0.2	1.8	1.8	159	0.59	2.4	16.9	5.1	11.5	18	0.3	1.9	195.3	<2	0.34
643302	Drill Core	6.20	691.9	32.4	626.1	26	6.4	1.3	1.0	132	0.56	29.2	12.8	5.0	7.7	14	2.1	5.7	680.2	<2	0.27
643303	Drill Core	6.10	267.7	34.0	16.1	7	0.1	1.9	1.2	63	0.49	1.0	15.5	2.3	8.8	7	0.2	0.2	2.8	<2	0.20
643304	Drill Core	4.40	210.1	34.9	15.6	8	0.1	1.2	1.1	50	0.42	0.7	12.1	<0.5	7.3	5	<0.1	<0.1	2.0	<2	0.17



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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643276	Drill Core	0.006	5	10	0.02	18	0.002	<20	0.22	0.050	0.13	>100	0.02	1.6	0.2	0.36	1	1.7	0.110	0.023	0.05
643277	Drill Core	0.006	7	7	0.04	21	0.002	<20	0.22	0.042	0.12	>100	0.06	2.5	0.2	0.34	1	1.9	0.041	0.034	0.05
643278	Drill Core	0.095	16	34	0.99	106	0.077	<20	1.07	0.038	0.27	>100	0.18	4.9	0.6	1.22	5	5.5	0.053	0.108	0.50
643279	Drill Core	0.127	20	50	0.86	51	0.141	<20	0.60	0.091	0.07	>100	0.08	5.9	0.1	0.90	3	4.2	0.051	0.065	0.74
643280	Drill Core	0.015	4	11	0.04	18	0.007	<20	0.23	0.041	0.11	>100	0.05	1.6	0.1	0.43	1	2.7	0.063	0.050	0.08
643281	Drill Core	0.025	4	9	0.01	14	0.001	<20	0.17	0.036	0.10	>100	0.02	1.0	0.2	0.29	<1	1.0	0.039	0.013	0.03
643282	Drill Core	0.015	5	10	0.01	18	0.001	<20	0.20	0.037	0.11	>100	0.08	1.2	0.2	0.21	1	1.4	0.063	0.065	0.04
643283	Drill Core	0.006	5	9	<0.01	11	0.001	<20	0.16	0.042	0.11	>100	0.04	1.2	0.1	0.22	<1	1.4	0.032	0.024	0.02
643284	Drill Core	0.004	5	10	<0.01	12	0.002	<20	0.16	0.042	0.11	96.4	0.03	1.5	0.1	0.27	<1	1.8	0.062	0.012	0.02
643285	Drill Core	0.006	5	9	<0.01	14	0.001	<20	0.19	0.045	0.11	>100	0.04	1.8	0.1	0.24	1	1.2	0.032	0.018	0.01
643286	Drill Core	0.004	5	9	<0.01	14	0.001	<20	0.18	0.041	0.12	>100	0.05	1.8	0.1	0.57	<1	2.0	0.056	0.054	0.02
643287	Drill Core	0.005	5	10	0.11	24	0.001	<20	0.28	0.044	0.11	>100	0.04	1.5	0.2	0.45	1	2.5	0.063	0.025	0.03
RRE 643287	Drill Core	0.005	6	9	0.11	23	0.001	<20	0.30	0.042	0.10	>100	0.04	1.5	0.2	0.43	1	2.9	0.069	0.028	0.03
643288	Drill Core	0.001	3	10	0.02	17	0.001	<20	0.19	0.043	0.11	>100	0.03	1.3	0.2	0.27	<1	1.4	0.049	0.020	0.02
643289	Drill Core	0.106	18	47	0.98	67	0.151	<20	0.93	0.076	0.12	>100	0.09	5.1	0.2	1.28	4	8.2	0.070	0.086	0.67
643290	Drill Core	0.080	14	36	0.56	46	0.093	<20	0.55	0.042	0.12	>100	<0.01	3.7	0.2	1.45	3	9.2	0.028	0.078	0.39
643291	Drill Core	0.124	16	32	0.57	39	0.108	<20	0.59	0.067	0.06	>100	<0.01	3.4	0.1	0.77	3	4.0	0.048	0.139	0.60
643292	Drill Core	0.090	15	28	0.57	38	0.094	<20	0.38	0.066	0.09	>100	<0.01	5.1	0.2	0.99	2	7.0	0.047	0.158	0.45
643293	Drill Core	0.013	7	8	0.07	16	0.016	<20	0.20	0.043	0.10	>100	<0.01	1.7	<0.1	0.45	1	2.9	0.027	0.044	0.10
643294	Drill Core	0.012	6	10	0.07	17	0.017	<20	0.21	0.046	0.11	>100	<0.01	1.7	0.1	0.48	1	3.1	0.022	0.041	0.07
643295	Rock Pulp	0.076	17	17	0.46	131	0.017	<20	0.69	0.036	0.29	0.9	<0.01	2.6	0.2	0.28	3	<0.5	0.067	<0.005	0.09
643296	Rock Chip	0.006	<1	1	10.72	1	<0.001	<20	0.02	0.026	0.02	0.6	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
643297	Drill Core	0.115	17	38	0.70	53	0.116	<20	0.49	0.076	0.09	>100	<0.01	5.4	0.2	0.62	3	3.8	0.037	0.128	0.65
643298	Drill Core	0.119	17	40	0.81	57	0.122	<20	0.63	0.082	0.13	>100	<0.01	6.1	0.3	0.66	3	3.6	0.026	0.145	0.79
643299	Drill Core	0.005	6	8	0.03	22	0.002	<20	0.22	0.043	0.14	>100	<0.01	1.7	0.1	0.32	1	2.5	0.042	0.033	0.06
643300	Drill Core	0.003	2	13	0.02	11	0.003	<20	0.18	0.043	0.12	>100	<0.01	1.3	<0.1	0.32	<1	2.3	0.044	0.023	0.04
643301	Drill Core	0.002	2	9	0.02	12	0.002	<20	0.19	0.044	0.13	>100	<0.01	1.1	0.2	0.29	1	3.1	0.043	0.030	0.03
643302	Drill Core	0.002	1	7	0.02	12	<0.001	<20	0.18	0.038	0.12	>100	<0.01	0.9	0.2	0.29	<1	5.7	0.074	0.047	<0.01
643303	Drill Core	0.002	2	12	0.02	11	0.002	<20	0.16	0.052	0.09	>100	<0.01	0.6	<0.1	0.22	<1	0.6	0.032	0.024	<0.01
643304	Drill Core	0.002	2	15	0.02	9	0.001	<20	0.13	0.047	0.09	>100	<0.01	0.6	<0.1	0.19	<1	1.0	0.024	0.137	<0.01



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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643305	Drill Core	6.00	588.0	39.3	18.9	12	0.1	1.9	1.3	107	0.46	0.7	22.5	4.9	13.6	11	0.2	0.2	4.2	<2	0.20
643306	Drill Core	6.20	947.3	50.3	13.7	12	0.2	1.1	1.1	102	0.49	0.7	21.7	5.2	12.5	5	0.5	0.1	1.9	<2	0.12
643307	Drill Core	5.60	378.5	42.5	16.7	11	0.1	1.6	1.8	111	0.56	4.9	24.3	5.5	14.2	7	0.2	<0.1	1.6	<2	0.15
643308	Drill Core	6.00	453.6	39.7	25.3	5	0.3	1.0	1.8	100	0.57	9.0	25.0	4.7	13.6	12	0.3	0.8	91.6	<2	0.24
643309	Drill Core	6.40	546.3	52.9	148.1	9	0.4	2.1	1.9	157	0.84	23.0	25.8	5.2	14.7	36	0.5	2.3	487.5	<2	0.55
643310	Drill Core	5.70	451.8	42.2	50.9	8	0.1	1.2	1.3	108	0.40	4.7	25.5	5.2	14.2	30	0.3	0.4	59.4	<2	0.44
643311	Drill Core	6.20	454.6	44.7	17.4	5	0.2	1.7	1.7	72	0.46	14.3	24.6	5.6	14.2	73	0.1	1.3	6.2	<2	0.46
643312	Drill Core	5.60	264.7	43.8	29.9	5	0.2	1.5	2.1	84	0.56	29.1	28.3	9.1	16.2	108	0.1	2.3	18.8	<2	0.70
643313	Drill Core	2.20	466.7	35.5	18.2	6	0.1	2.1	1.7	71	0.45	27.4	28.4	4.9	16.4	125	0.4	1.5	2.9	<2	1.40
643314	Drill Core	8.70	1163	47.9	32.1	4	0.2	1.4	1.5	63	0.47	23.0	35.0	9.3	17.9	66	<0.1	2.0	32.2	<2	0.69
643315	Drill Core	6.00	477.4	33.1	9.2	4	0.1	2.2	1.6	46	0.43	4.3	25.1	5.8	15.0	24	0.2	0.2	1.0	<2	0.27
643316	Drill Core	5.60	338.4	30.7	16.5	4	<0.1	1.9	1.3	74	0.37	5.1	24.7	5.7	16.5	48	0.2	0.2	4.3	4	0.45
643317	Drill Core	5.80	355.5	46.6	9.8	3	<0.1	1.1	1.6	62	0.45	1.2	23.5	6.0	19.2	40	0.2	0.2	6.1	3	0.36
643318	Drill Core	6.30	434.3	37.1	26.1	2	0.1	2.4	1.5	76	0.41	1.7	24.0	4.5	21.2	36	0.3	0.6	63.0	2	0.45
643319	Drill Core	6.30	517.2	31.3	16.3	5	<0.1	1.2	1.4	73	0.36	0.9	23.1	4.4	16.5	28	0.1	0.6	69.9	<2	0.30
643320	Drill Core	5.00	303.8	33.2	6.8	3	<0.1	2.1	1.5	49	0.42	<0.5	26.1	4.0	16.2	44	0.2	<0.1	1.8	<2	0.28
643321	Drill Core	4.90	313.8	41.7	9.7	4	0.1	1.2	1.7	69	0.38	1.8	25.6	5.2	17.1	46	0.4	<0.1	0.8	<2	0.38
643322	Drill Core	6.30	284.4	39.0	7.7	3	0.1	1.9	1.3	62	0.37	0.9	25.1	7.4	16.7	46	<0.1	0.1	0.7	<2	0.49
643323	Drill Core	1.70	193.3	36.9	6.5	6	0.1	2.4	1.5	72	0.35	<0.5	26.4	6.3	17.4	29	<0.1	<0.1	0.7	<2	0.44
643324	Drill Core	1.20	210.3	113.5	5.5	42	0.2	29.9	8.1	418	1.44	0.8	6.6	3.5	5.3	24	0.2	0.1	1.0	63	0.84
643325	Drill Core	6.80	188.5	98.5	38.1	249	0.8	25.5	6.4	2765	2.32	1.8	8.2	6.3	4.8	96	4.6	0.3	6.9	103	7.46
643326	Drill Core	5.20	287.8	44.9	18.0	41	0.7	2.0	1.8	91	0.51	<0.5	26.7	9.2	17.1	21	1.2	0.2	15.9	3	0.33
643327	Drill Core	3.00	447.3	52.1	30.8	29	1.6	1.5	2.1	95	0.62	0.5	22.7	8.9	15.5	21	1.0	0.3	30.1	<2	0.38
643328	Rock Pulp	0.10	11.4	3782	3.7	51	2.0	107.1	63.9	599	21.82	5.5	2.1	411.8	1.4	42	0.3	0.4	794.9	6	1.40
643329	Rock Chip	0.10	0.9	2.5	1.9	<1	<0.1	0.7	0.7	156	0.12	1.2	0.1	0.8	0.1	67	<0.1	<0.1	<0.1	3	20.54
643330	Drill Core	5.20	685.2	124.2	12.0	39	0.5	7.1	3.0	625	0.84	1.0	22.9	9.6	14.9	89	1.1	0.1	5.3	21	1.66
643331	Drill Core	6.30	382.9	98.5	10.8	144	0.6	3.9	2.3	369	0.73	0.6	25.3	6.5	15.2	41	4.0	<0.1	5.3	4	1.04
643332	Drill Core	3.10	1851	324.5	33.8	357	1.9	12.9	6.3	432	2.23	0.9	17.0	3.6	16.0	77	10.2	0.2	30.7	9	1.33
643333	Drill Core	2.60	753.5	304.7	25.7	239	1.2	23.1	13.5	3788	3.70	0.9	4.5	6.0	2.4	45	4.4	0.2	6.7	69	7.90
RRE 643333	Drill Core		776.4	272.3	17.9	232	1.0	22.0	12.2	4202	3.65	1.2	3.7	5.5	2.3	44	3.7	0.2	4.1	68	8.42



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
643305	Drill Core	0.002	5	9	0.02	11	0.002	<20	0.17	0.047	0.11	>100	<0.01	1.1	0.1	0.21	1	1.5	0.064	0.030	<0.01
643306	Drill Core	0.002	4	8	0.02	8	0.003	<20	0.13	0.038	0.10	83.1	<0.01	1.2	<0.1	0.28	<1	2.0	0.091	0.011	<0.01
643307	Drill Core	0.002	4	8	0.02	8	0.003	<20	0.17	0.046	0.11	71.8	<0.01	1.1	<0.1	0.28	<1	2.4	0.039	0.008	<0.01
643308	Drill Core	0.002	4	6	0.02	10	0.002	<20	0.15	0.040	0.11	>100	<0.01	1.1	<0.1	0.39	<1	2.6	0.047	0.017	<0.01
643309	Drill Core	0.001	6	9	0.02	13	0.001	<20	0.20	0.039	0.13	>100	<0.01	2.4	0.2	0.67	1	4.6	0.055	0.026	0.04
643310	Drill Core	0.002	6	7	0.02	12	0.001	<20	0.18	0.038	0.12	>100	<0.01	1.7	<0.1	0.19	<1	2.6	0.046	0.017	0.03
643311	Drill Core	0.001	5	7	0.02	23	0.002	<20	0.36	0.048	0.11	>100	<0.01	1.3	<0.1	0.30	<1	2.4	0.046	0.031	0.03
643312	Drill Core	0.002	5	6	0.02	43	0.002	<20	0.65	0.045	0.11	>100	<0.01	1.2	0.1	0.42	1	2.9	0.029	0.049	<0.01
643313	Drill Core	0.002	5	3	0.02	53	0.001	<20	1.44	0.092	0.11	>100	<0.01	1.0	0.2	0.36	1	2.5	0.052	0.033	0.03
643314	Drill Core	0.001	5	5	0.03	32	0.004	<20	0.84	0.081	0.10	>100	<0.01	1.0	0.2	0.37	1	3.6	0.131	0.021	0.02
643315	Drill Core	0.001	4	7	0.02	16	0.005	<20	0.26	0.046	0.11	>100	<0.01	1.2	0.1	0.26	<1	1.6	0.047	0.016	0.05
643316	Drill Core	0.002	6	9	<0.01	16	0.002	<20	0.19	0.040	0.13	>100	<0.01	1.7	0.1	0.25	<1	1.4	0.045	0.023	0.03
643317	Drill Core	0.002	4	8	0.01	24	0.005	<20	0.20	0.035	0.10	>100	<0.01	1.3	<0.1	0.25	<1	2.1	0.046	0.052	0.07
643318	Drill Core	0.002	6	10	<0.01	28	0.004	<20	0.22	0.039	0.12	>100	<0.01	1.6	<0.1	0.25	<1	2.1	0.054	0.051	0.10
643319	Drill Core	0.002	5	8	<0.01	18	0.004	<20	0.18	0.042	0.11	95.3	<0.01	1.4	<0.1	0.20	<1	2.3	0.066	0.016	0.04
643320	Drill Core	0.002	4	8	<0.01	22	0.005	<20	0.22	0.053	0.10	>100	<0.01	1.4	<0.1	0.27	<1	1.2	0.037	0.019	0.02
643321	Drill Core	0.002	5	7	<0.01	21	0.002	<20	0.17	0.036	0.11	>100	<0.01	1.6	<0.1	0.22	<1	1.7	0.040	0.017	0.03
643322	Drill Core	0.002	5	8	0.01	28	0.004	<20	0.20	0.042	0.10	>100	<0.01	1.9	0.1	0.26	<1	1.1	0.034	0.038	0.10
643323	Drill Core	0.003	6	9	0.02	27	0.008	<20	0.19	0.049	0.09	>100	<0.01	2.1	<0.1	0.21	<1	1.3	0.027	0.042	0.10
643324	Drill Core	0.055	12	33	0.37	46	0.099	<20	0.41	0.037	0.07	>100	<0.01	3.6	<0.1	0.74	3	4.9	0.025	0.023	0.28
643325	Drill Core	0.131	17	46	0.40	30	0.073	<20	1.01	0.054	0.02	>100	<0.01	4.2	<0.1	0.51	4	1.9	0.027	0.118	1.47
643326	Drill Core	0.003	6	9	0.01	29	0.009	<20	0.20	0.059	0.10	>100	<0.01	2.6	<0.1	0.40	<1	1.9	0.032	0.020	0.14
643327	Drill Core	0.003	6	7	0.01	27	0.008	<20	0.19	0.054	0.10	>100	<0.01	2.2	<0.1	0.56	<1	2.0	0.053	0.029	0.17
643328	Rock Pulp	0.041	6	19	0.93	13	0.016	<20	0.83	0.033	0.16	>100	<0.01	0.5	0.1	>10	7	14.6	0.001	0.931	0.18
643329	Rock Chip	0.004	<1	2	11.82	1	<0.001	<20	0.02	0.024	0.02	0.8	<0.01	0.1	<0.1	<0.05	<1	0.5	<0.001	0.006	0.03
643330	Drill Core	0.030	10	18	0.09	68	0.018	<20	0.63	0.178	0.17	>100	<0.01	3.2	0.1	0.51	3	2.3	0.083	0.061	0.51
643331	Drill Core	0.011	8	11	0.05	46	0.011	<20	0.38	0.092	0.13	>100	<0.01	2.6	0.1	0.51	2	0.8	0.044	0.066	0.34
643332	Drill Core	0.044	16	12	0.26	38	0.016	<20	0.82	0.231	0.07	75.2	<0.01	2.9	0.2	1.92	4	5.8	0.250	0.430	0.58
643333	Drill Core	0.061	12	14	3.17	13	0.028	<20	0.71	0.053	0.03	>100	<0.01	4.5	<0.1	1.59	5	6.6	0.092	0.221	2.16
RRE 643333	Drill Core	0.053	11	13	3.50	11	0.026	<20	0.67	0.056	0.03	>100	<0.01	3.9	<0.1	1.38	5	7.0	0.086	0.183	2.00

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643334	Drill Core	6.80	771.5	122.0	17.4	141	0.6	14.4	4.0	935	1.35	8.8	26.4	8.7	23.6	87	3.0	0.9	6.9	28	2.45
643335	Drill Core	4.90	253.9	136.4	12.9	33	0.6	4.4	2.0	123	0.50	1.2	22.3	3.7	14.8	30	0.7	0.2	8.1	4	0.49
643336	Drill Core	6.30	337.2	107.3	9.9	87	0.4	32.4	6.7	497	1.33	1.5	6.4	3.4	5.3	43	1.4	0.3	5.2	60	1.11
643337	Drill Core	6.50	275.8	50.7	6.9	130	0.2	32.0	7.8	1566	1.88	1.8	3.2	3.2	3.6	163	1.6	0.2	1.9	85	4.14
643338	Drill Core	6.10	63.6	51.4	101.3	205	3.3	35.5	6.0	1272	1.37	1.1	2.8	18.3	3.5	152	3.4	0.7	102.4	121	3.92
643339	Drill Core	6.80	90.5	52.1	23.9	154	0.4	26.6	6.0	1531	1.91	6.4	4.1	4.9	3.5	82	2.2	0.4	17.5	115	6.02
643340	Drill Core	6.70	116.5	110.7	29.0	128	0.9	35.6	7.4	975	1.55	2.4	7.2	4.4	5.3	77	1.9	0.3	22.3	97	2.64
643341	Drill Core	1.50	727.0	18.8	20.5	3	0.1	1.1	0.8	86	0.25	0.8	34.9	3.0	37.9	66	0.3	0.2	6.6	<2	0.59
643342	Drill Core	4.90	680.0	63.8	9.2	44	0.2	48.5	5.4	412	1.08	2.9	11.9	2.2	6.4	86	0.6	2.0	2.6	74	1.64
643343	Drill Core	4.90	528.4	24.7	30.1	4	0.2	1.1	0.9	97	0.40	0.6	36.2	4.8	45.6	32	0.2	0.7	47.3	<2	0.65
643344	Drill Core	6.70	72.7	20.8	8.6	4	0.1	2.0	0.8	89	0.22	<0.5	36.0	4.2	41.6	29	<0.1	<0.1	0.3	<2	0.55
643345	Drill Core	1.20	806.9	4.0	5.2	4	<0.1	0.8	0.2	75	0.16	<0.5	24.9	9.2	41.9	17	0.5	<0.1	0.4	<2	0.37
643346	Drill Core	7.70	130.7	38.6	27.3	194	0.5	26.6	5.0	2389	2.03	0.6	4.6	3.2	3.8	100	2.9	0.2	12.6	147	7.65
643347	Drill Core	4.30	131.5	36.5	13.8	206	0.6	34.9	6.8	2529	2.35	0.7	4.9	5.0	3.8	112	2.4	0.4	13.5	153	7.23
643348	Drill Core	4.40	42.1	33.6	7.4	89	0.2	15.2	4.2	1087	1.12	0.7	20.0	7.5	19.0	156	1.0	0.2	4.3	60	3.42
643349	Drill Core	6.10	795.5	58.4	4.8	133	0.2	33.1	6.5	1649	1.82	1.2	3.7	4.2	3.8	104	1.0	0.4	3.2	121	5.09
643350	Drill Core	6.40	154.7	84.2	58.9	62	2.9	35.1	7.6	742	1.72	1.3	5.1	4.2	5.5	44	0.5	1.4	169.2	66	1.44
643351	Drill Core	4.60	136.7	86.7	8.1	58	0.2	34.3	6.7	516	1.45	3.1	4.1	2.5	5.6	42	0.3	0.2	0.9	67	1.17
643352	Drill Core	6.70	511.4	53.7	12.6	114	0.2	27.9	5.3	1347	1.25	1.0	4.1	2.3	3.5	65	2.0	<0.1	0.9	80	3.98
643353	Drill Core	4.30	564.7	149.0	19.3	380	0.7	42.3	8.3	2023	2.46	4.6	3.3	3.9	2.7	68	6.5	0.5	5.1	90	4.34
643354	Drill Core	7.50	1139	284.7	10.0	165	0.7	35.1	12.1	4208	3.81	2.5	4.5	7.0	2.9	56	0.9	0.8	1.2	77	6.36
643355	Drill Core	2.40	588.4	59.8	42.9	136	1.1	19.6	9.2	1906	3.44	1.2	3.8	8.7	2.6	92	1.7	0.4	18.3	88	3.60
643356	Drill Core	4.00	472.0	38.0	8.3	69	0.3	2.3	1.1	109	0.34	0.6	19.6	5.7	17.3	18	2.4	<0.1	3.9	<2	0.37
643357	Drill Core	6.90	1030	98.4	34.1	114	0.6	21.3	9.2	1906	2.48	1.6	4.1	3.2	3.0	40	1.8	<0.1	2.2	69	4.09
643358	Drill Core	6.60	323.3	147.5	16.6	176	0.7	26.0	11.9	750	2.63	1.4	1.4	3.0	1.7	19	3.9	0.1	12.8	62	1.67
643359	Drill Core	6.50	361.2	90.6	9.5	102	0.4	34.7	8.8	948	1.88	1.6	4.4	3.3	3.1	52	1.4	0.1	2.8	86	2.74
643360	Drill Core	3.30	265.6	85.0	9.0	102	0.4	32.4	9.2	957	1.77	1.9	4.2	2.4	2.9	50	1.6	0.1	1.9	87	2.75
643361	Rock Pulp	0.10	12.4	4095	4.0	53	2.0	115.0	59.6	647	20.97	5.4	2.0	479.0	2.0	58	0.2	0.4	797.0	7	3.02
643362	Rock Chip	0.40	1.0	2.8	1.8	1	<0.1	0.9	0.3	148	0.10	0.6	<0.1	<0.5	0.1	60	<0.1	<0.1	<0.1	<2	21.37
643363	Drill Core	4.90	412.9	86.1	48.4	51	0.8	70.2	7.4	605	1.46	2.5	4.9	3.8	4.1	57	0.7	0.5	106.4	164	1.87



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine F % 0.01	
643334	Drill Core	0.065	19	42	0.65	85	0.050	<20	0.82	0.199	0.21	>100	<0.01	3.7	0.4	0.69	3	2.4	0.088	0.052	0.79
643335	Drill Core	0.010	9	12	0.04	39	0.014	<20	0.26	0.084	0.08	75.3	<0.01	2.5	<0.1	0.34	1	1.3	0.030	0.288	0.22
643336	Drill Core	0.092	16	38	0.58	127	0.118	<20	0.52	0.057	0.23	>100	<0.01	3.2	0.5	0.65	3	6.4	0.035	0.030	0.38
643337	Drill Core	0.153	16	38	0.39	91	0.071	<20	0.94	0.025	0.09	>100	<0.01	3.0	0.1	0.31	4	2.0	0.034	0.059	0.74
643338	Drill Core	0.098	14	47	0.42	61	0.065	<20	0.81	0.021	0.07	>100	<0.01	2.9	0.1	0.22	3	5.7	0.008	0.042	0.49
643339	Drill Core	0.112	15	36	0.30	50	0.077	<20	0.84	0.028	0.03	>100	<0.01	2.3	<0.1	0.66	3	1.9	0.012	0.106	0.95
643340	Drill Core	0.093	14	38	0.63	116	0.105	<20	0.72	0.100	0.17	>100	<0.01	3.9	0.5	0.70	3	6.5	0.017	0.152	0.94
643341	Drill Core	0.002	21	7	0.02	18	0.004	<20	0.23	0.039	0.15	91.2	<0.01	0.9	0.2	0.19	1	<0.5	0.077	0.016	0.17
643342	Drill Core	0.081	14	41	0.56	84	0.099	<20	0.58	0.054	0.22	>100	<0.01	3.3	0.5	0.57	3	5.6	0.074	0.018	0.59
643343	Drill Core	0.002	26	6	0.02	29	0.008	<20	0.30	0.054	0.19	>100	<0.01	1.2	0.2	0.36	1	<0.5	0.062	0.039	0.22
643344	Drill Core	0.003	24	8	0.03	32	0.016	<20	0.25	0.052	0.14	>100	<0.01	1.5	0.1	0.09	1	<0.5	0.009	0.043	0.17
643345	Drill Core	0.002	28	6	0.02	40	0.029	<20	0.19	0.060	0.10	47.8	<0.01	1.6	<0.1	0.06	<1	0.6	0.088	0.013	0.15
643346	Drill Core	0.124	17	47	0.36	38	0.092	<20	1.00	0.041	0.03	>100	<0.01	2.6	<0.1	0.30	4	1.3	0.016	0.132	1.07
643347	Drill Core	0.120	17	51	0.51	46	0.099	<20	1.02	0.072	0.04	>100	<0.01	4.0	<0.1	0.55	5	1.4	0.017	0.223	1.56
643348	Drill Core	0.055	21	27	0.23	181	0.057	<20	1.23	0.272	0.21	>100	<0.01	2.7	0.2	0.34	5	0.9	0.005	0.063	1.22
643349	Drill Core	0.099	15	55	0.50	86	0.097	<20	1.06	0.131	0.12	>100	<0.01	3.7	0.2	0.52	4	2.3	0.096	0.156	1.51
643350	Drill Core	0.109	13	35	0.63	129	0.095	<20	0.64	0.066	0.25	>100	<0.01	3.2	0.7	1.05	3	5.9	0.022	0.044	0.73
643351	Drill Core	0.116	15	43	0.87	142	0.087	<20	0.81	0.039	0.30	>100	<0.01	3.5	0.7	0.51	5	5.3	0.016	0.014	0.40
643352	Drill Core	0.144	18	36	0.31	50	0.077	<20	0.60	0.037	0.07	>100	<0.01	1.9	0.1	0.33	3	3.0	0.048	0.076	0.57
643353	Drill Core	0.154	13	51	1.60	99	0.078	<20	0.72	0.037	0.19	>100	<0.01	3.2	0.6	1.11	4	5.1	0.057	0.140	1.42
643354	Drill Core	0.122	13	34	1.98	66	0.061	<20	0.86	0.046	0.10	>100	<0.01	2.3	0.2	1.46	6	5.0	0.121	0.223	1.89
643355	Drill Core	0.101	8	44	1.49	102	0.164	<20	1.90	0.265	0.45	>100	<0.01	9.3	1.7	2.06	10	3.2	0.059	0.483	2.18
643356	Drill Core	0.007	6	9	0.06	24	0.014	<20	0.19	0.062	0.04	>100	<0.01	1.7	<0.1	0.18	<1	1.2	0.047	0.044	0.18
643357	Drill Core	0.182	11	34	0.86	54	0.109	29	0.83	0.042	0.19	>100	<0.01	4.0	0.3	0.85	4	5.7	0.111	0.079	0.94
643358	Drill Core	0.117	8	33	0.90	50	0.130	<20	0.53	0.039	0.20	77.0	<0.01	2.9	0.3	1.49	2	6.2	0.039	0.015	0.52
643359	Drill Core	0.149	13	41	0.63	41	0.091	<20	0.80	0.049	0.15	>100	<0.01	2.6	0.3	0.80	3	3.9	0.040	0.035	0.66
643360	Drill Core	0.138	12	40	0.58	38	0.094	29	0.74	0.048	0.13	>100	<0.01	2.6	0.2	0.78	3	4.4	0.031	0.034	0.65
643361	Rock Pulp	0.052	8	21	1.04	15	0.016	<20	0.98	0.039	0.16	>100	<0.01	0.7	0.1	7.92	9	11.9	0.001	1.033	0.23
643362	Rock Chip	0.005	<1	2	12.05	2	<0.001	<20	0.02	0.027	0.02	0.8	<0.01	0.1	<0.1	<0.05	<1	0.5	<0.001	<0.005	0.47
643363	Drill Core	0.249	18	85	0.46	37	0.111	<20	0.58	0.040	0.05	>100	<0.01	4.2	<0.1	0.77	3	6.7	0.044	0.028	0.29



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
643364	Drill Core	6.30	110.9	30.3	61.0	220	1.3	17.6	3.6	1812	1.26	0.8	5.0	3.7	3.1	152	5.8	0.1	9.5	100	10.26
643365	Drill Core	7.20	151.7	32.4	89.1	158	2.0	21.7	5.0	3136	1.82	1.1	5.7	2.8	3.1	125	2.6	0.2	22.1	105	12.04
643366	Drill Core	4.20	123.1	107.8	77.5	133	1.0	35.5	8.7	849	1.83	1.4	1.9	3.3	3.2	70	2.6	0.7	80.5	78	1.71
643367	Drill Core	6.00	602.6	116.3	74.0	398	1.7	41.0	8.9	5846	3.49	1.7	5.5	8.7	3.1	108	7.1	0.8	7.3	128	7.58
643368	Drill Core	3.50	404.2	78.5	28.8	110	0.8	45.8	7.1	1782	2.43	1.3	7.5	3.8	3.6	82	1.5	0.4	21.3	134	4.97
RRE 643368	Drill Core		397.2	78.7	35.8	114	0.9	44.8	6.5	1824	2.49	0.9	7.3	<0.5	3.6	85	1.7	0.4	27.5	133	4.78
643369	Drill Core	6.70	351.1	109.3	7.9	119	0.2	41.4	7.0	2728	2.34	2.2	7.8	4.2	3.9	88	1.5	0.3	2.2	144	6.13
643370	Drill Core	6.00	340.0	72.0	7.8	121	0.3	48.4	6.2	1901	1.95	3.7	9.7	5.9	3.8	204	1.2	0.4	3.6	198	5.78
643371	Drill Core	5.70	224.0	54.7	9.7	59	0.1	7.8	2.0	92	0.48	1.3	37.8	4.0	21.8	72	1.5	0.1	1.9	12	0.73
643372	Drill Core	6.40	409.8	90.3	18.0	101	0.4	33.2	7.6	1781	1.94	1.5	5.3	4.2	3.9	97	1.2	0.2	6.7	103	5.46
643373	Drill Core	6.40	217.7	101.9	7.5	107	0.2	67.0	9.4	2394	2.53	0.9	5.3	5.0	4.0	95	0.8	0.1	0.9	121	5.15
643374	Drill Core	6.00	736.2	59.0	13.5	108	0.2	49.1	5.2	3198	2.29	0.6	15.2	5.8	6.5	101	1.3	<0.1	8.2	233	7.90
643375	Drill Core	5.70	450.7	175.4	10.8	255	0.4	59.4	7.8	2948	2.76	2.3	13.1	9.7	5.3	141	4.2	0.2	3.7	260	6.49
643376	Drill Core	6.20	284.3	102.1	6.4	108	0.2	43.7	6.3	2252	2.25	0.9	13.2	3.1	4.6	69	1.3	<0.1	1.7	162	4.65
643377	Drill Core	6.30	295.2	81.3	6.4	94	0.1	20.6	6.5	1414	1.60	1.3	3.5	4.1	3.8	60	1.3	<0.1	1.9	49	4.38
643378	Drill Core	6.90	278.4	63.3	3.7	53	<0.1	20.5	4.9	594	1.10	<0.5	2.7	3.6	4.5	27	0.6	<0.1	0.6	41	1.36
643379	Drill Core	6.50	850.0	132.7	11.9	139	0.3	25.9	7.7	2909	2.63	1.3	4.1	15.2	3.5	70	1.0	0.2	6.5	71	4.81
643380	Drill Core	4.50	176.9	87.8	4.4	52	0.1	16.8	4.9	847	1.24	1.0	2.7	3.5	4.0	75	0.5	0.2	0.4	42	2.62
643381	Drill Core	3.70	349.0	107.9	4.7	67	0.1	24.8	6.6	436	1.39	0.6	2.7	2.3	4.0	29	0.7	0.1	1.5	43	1.19
643382	Drill Core	6.40	229.0	127.4	4.6	94	0.2	14.7	6.2	1982	2.26	1.5	7.6	8.9	7.0	69	0.2	0.3	0.8	43	3.33
644269	Drill Core	6.00	365.6	32.0	12.0	10	0.1	2.7	1.4	151	0.31	<0.5	51.5	12.2	41.0	21	0.6	<0.1	0.9	6	0.69
644270	Drill Core	8.00	124.0	148.5	52.2	239	1.1	35.3	10.0	1213	2.04	1.4	3.1	2.4	4.3	105	3.2	0.2	5.0	81	3.19
RRE 644270	Drill Core		128.8	127.5	52.9	217	1.1	32.3	9.1	1128	1.98	1.4	3.4	2.3	4.6	101	3.2	0.2	4.6	78	3.24
644271	Drill Core	7.20	108.9	148.4	39.1	270	1.0	46.1	8.4	1050	1.74	1.5	4.6	5.1	5.7	37	4.9	0.2	5.2	114	2.58
644272	Drill Core	7.10	168.8	245.7	18.8	140	1.1	36.3	9.2	1214	1.98	1.8	4.5	4.0	4.1	93	2.0	0.4	4.7	93	3.28
644273	Drill Core	4.80	1157	45.7	25.8	103	0.6	33.0	4.9	540	0.83	0.8	6.0	6.1	5.6	37	2.3	<0.1	4.4	85	1.85
644274	Drill Core	4.70	78.1	77.4	18.1	60	0.4	42.0	7.5	209	1.10	1.2	5.3	3.8	4.8	25	0.9	<0.1	2.9	69	1.29
644275	Drill Core	6.70	120.5	59.8	19.4	175	0.4	31.8	5.8	948	1.20	0.6	4.8	2.3	4.8	50	2.8	0.2	3.0	84	4.20
644276	Drill Core	7.30	79.6	78.4	3.2	49	0.1	43.9	6.6	224	1.14	0.5	4.3	6.4	5.2	30	0.6	<0.1	1.7	75	1.38
644277	Drill Core	6.50	90.0	42.0	3.0	74	<0.1	28.6	4.1	583	0.87	0.6	4.8	3.4	4.5	80	1.9	<0.1	2.0	164	5.64



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Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine % 0.01	
643364	Drill Core	0.179	21	36	0.20	30	0.077	<20	0.81	0.061	0.02	>100	<0.01	2.3	<0.1	0.30	3	0.9	0.014	0.077	0.81
643365	Drill Core	0.203	20	42	0.27	26	0.085	<20	0.95	0.040	<0.01	>100	<0.01	2.7	<0.1	0.15	4	1.1	0.017	0.093	1.12
643366	Drill Core	0.080	11	40	0.44	45	0.130	<20	0.62	0.044	0.07	>100	<0.01	3.2	0.2	1.06	3	5.4	0.014	0.103	0.53
643367	Drill Core	0.136	17	50	0.60	47	0.121	<20	1.27	0.079	0.07	>100	<0.01	4.3	0.2	0.74	7	2.7	0.064	0.270	1.60
643368	Drill Core	0.167	16	46	0.35	60	0.087	<20	0.98	0.044	0.15	>100	<0.01	2.6	0.3	1.25	5	4.6	0.044	0.182	1.08
RRE 643368	Drill Core	0.163	17	46	0.34	63	0.087	<20	0.99	0.044	0.16	>100	<0.01	2.5	0.4	1.31	5	4.1	0.050	0.156	1.01
643369	Drill Core	0.197	20	43	0.29	16	0.081	<20	1.01	0.039	0.01	>100	<0.01	2.8	<0.1	0.48	5	2.5	0.038	0.267	0.90
643370	Drill Core	0.165	17	46	0.30	128	0.085	<20	1.97	0.207	0.08	>100	<0.01	3.1	0.1	0.51	7	2.1	0.042	0.275	1.02
643371	Drill Core	0.014	8	7	0.04	48	0.015	<20	0.69	0.046	0.08	>100	<0.01	1.8	<0.1	0.24	2	1.5	0.025	0.027	0.12
643372	Drill Core	0.162	17	38	0.36	35	0.091	<20	0.93	0.037	0.05	>100	<0.01	2.8	<0.1	0.65	5	3.3	0.047	0.146	0.65
643373	Drill Core	0.149	17	110	0.87	111	0.120	<20	1.14	0.040	0.28	>100	<0.01	3.0	0.5	0.58	5	5.0	0.026	0.113	0.95
643374	Drill Core	0.122	18	28	0.30	37	0.088	<20	0.92	0.053	0.02	>100	<0.01	2.8	<0.1	0.42	4	2.9	0.083	0.107	0.96
643375	Drill Core	0.163	22	54	0.48	50	0.101	<20	1.19	0.096	0.05	>100	<0.01	3.8	<0.1	0.73	6	3.5	0.048	0.216	1.09
643376	Drill Core	0.175	18	46	0.28	41	0.090	<20	0.84	0.043	0.03	>100	<0.01	2.7	<0.1	0.53	4	3.6	0.032	0.084	0.62
643377	Drill Core	0.140	16	31	0.21	42	0.089	<20	0.64	0.038	0.02	>100	<0.01	2.0	<0.1	0.44	3	3.9	0.031	0.057	0.41
643378	Drill Core	0.098	13	34	0.47	75	0.100	<20	0.40	0.061	0.11	>100	<0.01	2.8	0.2	0.38	2	2.5	0.033	0.032	0.34
643379	Drill Core	0.139	15	44	0.97	31	0.097	<20	0.83	0.089	0.05	>100	<0.01	5.1	0.1	0.66	5	2.8	0.091	0.267	1.15
643380	Drill Core	0.093	13	30	0.36	103	0.081	<20	1.13	0.041	0.11	>100	<0.01	1.9	0.2	0.37	4	2.1	0.021	0.047	0.41
643381	Drill Core	0.114	15	26	0.28	101	0.095	<20	0.45	0.050	0.07	>100	<0.01	2.2	<0.1	0.59	3	2.9	0.038	0.041	0.20
643382	Drill Core	0.070	14	27	0.96	111	0.090	<20	0.75	0.116	0.07	>100	<0.01	3.5	0.1	0.52	4	2.1	0.028	0.124	0.77
644269	Drill Core	0.007	17	9	0.08	43	0.028	<20	0.32	0.072	0.16	>100	<0.01	2.2	0.2	0.11	2	1.5	0.040	0.033	0.18
644270	Drill Core	0.127	13	32	0.67	67	0.126	<20	1.22	0.095	0.14	>100	<0.01	3.2	0.4	0.97	4	6.2	0.015	0.070	0.53
RRE 644270	Drill Core	0.124	13	31	0.65	63	0.130	<20	1.19	0.099	0.13	>100	<0.01	2.9	0.5	0.92	4	5.7	0.015	0.060	0.52
644271	Drill Core	0.109	19	45	0.69	42	0.145	<20	0.78	0.051	0.06	>100	<0.01	3.3	0.2	0.68	4	4.6	0.013	0.040	0.54
644272	Drill Core	0.106	13	30	0.66	117	0.108	<20	1.13	0.207	0.11	>100	<0.01	2.7	0.2	0.94	5	4.7	0.020	0.075	0.86
644273	Drill Core	0.109	14	25	0.24	34	0.114	<20	0.48	0.051	0.03	>100	<0.01	1.8	<0.1	0.33	2	5.0	0.126	0.028	0.27
644274	Drill Core	0.115	13	19	0.20	48	0.102	<20	0.29	0.034	0.03	30.6	<0.01	1.2	<0.1	0.56	1	5.7	0.009	<0.005	0.17
644275	Drill Core	0.112	14	28	0.53	36	0.117	<20	0.66	0.043	0.03	>100	<0.01	1.9	<0.1	0.29	3	2.6	0.014	0.017	0.45
644276	Drill Core	0.100	15	26	0.29	41	0.114	<20	0.35	0.044	0.04	30.3	<0.01	1.5	<0.1	0.58	2	7.1	0.009	<0.005	0.19
644277	Drill Core	0.135	16	33	0.15	44	0.110	<20	0.81	0.068	0.03	>100	<0.01	1.8	<0.1	0.26	3	4.3	0.011	0.023	0.42



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644278	Drill Core	6.80	58.4	18.5	3.6	77	<0.1	16.6	2.8	732	0.65	0.6	4.7	7.2	4.4	63	1.1	<0.1	4.7	107	4.33
644279	Drill Core	7.40	81.9	118.0	10.0	181	0.3	40.0	7.2	1570	2.23	0.8	5.0	5.3	4.4	77	1.0	0.1	3.6	178	5.15
644280	Drill Core	7.10	738.8	39.8	7.5	119	0.2	30.8	5.6	1006	1.32	0.8	4.2	3.4	5.1	65	1.2	0.1	2.1	115	2.92
644281	Drill Core	5.90	254.0	38.9	19.7	116	0.3	33.3	6.7	834	1.34	1.0	3.4	3.2	4.9	60	1.0	0.3	1.9	107	2.93
644282	Drill Core	5.70	117.7	37.0	7.0	112	0.1	38.8	6.2	793	1.15	1.0	4.4	2.1	4.9	49	1.2	0.1	3.5	156	3.44
644283	Drill Core	7.00	99.0	33.0	3.7	101	<0.1	24.5	4.7	780	0.92	<0.5	3.1	2.7	4.6	56	1.4	<0.1	1.1	77	3.95
644284	Drill Core	6.00	161.6	38.6	3.9	96	<0.1	26.1	4.9	920	1.17	<0.5	3.4	4.2	3.9	36	0.6	0.1	1.2	90	3.03
644285	Drill Core	2.90	37.9	26.6	6.1	80	<0.1	26.0	4.2	688	0.86	0.8	4.1	1.7	4.4	96	1.2	0.3	1.2	105	6.96
644286	Drill Core	2.70	52.0	21.8	6.0	85	<0.1	26.4	3.8	696	0.86	<0.5	4.4	3.2	4.6	126	1.1	<0.1	1.4	114	7.15
644287	Rock Pulp	0.10	13.3	4474	4.0	55	1.9	115.2	72.6	714	25.34	5.5	2.3	437.8	2.4	59	0.3	0.4	878.6	7	3.39
644288	Rock Chip	0.30	0.2	4.5	1.8	1	<0.1	1.6	0.6	166	0.12	1.2	0.2	<0.5	0.1	61	<0.1	<0.1	<0.1	<2	22.74
644289	Drill Core	6.20	73.8	59.2	130.8	124	3.3	39.7	7.4	1539	2.15	1.6	3.9	9.9	4.5	85	1.5	0.4	93.3	117	4.74
644290	Drill Core	6.60	176.6	200.1	25.6	239	0.8	36.8	9.5	3285	3.52	1.1	4.8	1.9	2.7	134	1.8	0.5	4.2	158	9.97
644291	Drill Core	7.20	189.4	21.7	5.3	108	<0.1	31.9	4.9	1912	1.25	1.0	6.8	2.1	3.7	166	1.2	0.1	1.6	128	12.10
644292	Drill Core	6.30	176.3	111.8	47.2	250	1.1	65.7	7.2	1694	1.95	1.0	9.5	6.1	4.1	123	2.1	0.1	18.3	252	5.71
644293	Drill Core	6.70	437.8	64.8	4.8	45	0.1	71.6	6.9	756	1.25	0.6	15.0	2.3	3.8	80	0.5	<0.1	1.8	183	3.76
644294	Drill Core	6.60	297.0	77.9	13.6	159	0.4	43.3	7.4	1068	1.47	0.7	4.7	5.0	3.7	173	2.2	0.1	8.0	122	7.09
644295	Drill Core	6.00	163.0	57.7	9.8	184	0.2	48.3	6.7	1612	1.58	1.2	7.1	4.2	4.1	322	2.7	0.2	5.8	162	11.02
644296	Drill Core	6.90	402.6	129.9	36.2	336	1.0	85.2	7.0	3660	2.60	1.3	17.2	4.3	5.2	117	5.1	0.3	14.7	486	8.00
644297	Drill Core	6.80	81.1	34.5	20.0	155	0.4	29.4	4.9	1656	1.45	1.4	6.6	3.4	5.1	65	2.3	0.1	3.1	148	5.98
644298	Drill Core	6.80	134.2	48.6	14.4	115	0.3	40.4	5.7	2718	1.79	1.1	9.0	4.1	4.1	80	1.1	0.1	4.2	170	6.28
644299	Drill Core	6.40	35.5	43.4	3.3	33	<0.1	23.5	5.0	451	0.81	<0.5	1.6	10.8	3.2	35	0.3	<0.1	1.4	26	1.15
644300	Drill Core	6.60	93.9	107.9	9.0	102	0.2	36.1	9.9	1253	1.77	1.0	2.3	3.7	3.0	37	1.3	<0.1	2.5	47	3.46
644301	Drill Core	6.50	860.9	37.2	3.1	105	<0.1	18.6	5.1	1631	1.52	1.0	3.8	2.9	4.4	59	0.1	0.2	0.9	56	4.23
644302	Drill Core	6.60	110.6	52.0	18.5	169	0.5	27.6	8.5	1030	1.22	0.9	3.5	2.1	4.8	60	2.6	0.1	5.4	69	4.28
644303	Drill Core	5.50	110.5	56.9	14.6	126	0.3	17.2	4.4	2645	1.76	0.9	3.4	5.4	4.4	89	1.5	0.1	1.7	50	5.10
644304	Drill Core	6.10	62.6	55.8	8.6	89	0.2	28.0	6.1	1136	1.51	1.0	3.5	2.9	4.3	42	0.7	0.2	1.8	66	2.91
644305	Drill Core	7.00	129.0	59.8	4.4	182	0.2	21.1	7.2	3073	2.67	1.0	2.8	4.2	4.6	81	0.8	0.6	1.1	74	5.13
644306	Drill Core	10.40	200.3	89.1	4.0	90	0.2	19.6	5.1	1021	1.43	1.0	2.8	2.7	3.9	72	0.6	0.2	2.6	54	2.53
644307	Drill Core	6.30	177.1	33.6	4.8	55	<0.1	23.5	5.2	354	1.07	0.8	3.3	3.5	6.1	24	0.1	<0.1	1.1	59	0.76

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine F % 0.01	
644278	Drill Core	0.182	16	24	0.04	39	0.100	<20	0.63	0.045	0.02	>100	<0.01	1.4	<0.1	0.11	3	1.7	0.006	0.016	0.24
644279	Drill Core	0.121	16	58	0.68	78	0.154	<20	0.95	0.093	0.07	>100	<0.01	4.1	0.1	0.53	5	2.5	0.009	0.080	1.10
644280	Drill Core	0.116	16	42	0.53	74	0.137	<20	0.71	0.064	0.06	>100	<0.01	2.8	0.2	0.24	3	3.5	0.079	0.089	0.46
644281	Drill Core	0.113	15	39	0.53	68	0.120	<20	0.83	0.044	0.09	>100	<0.01	2.8	0.5	0.32	4	4.5	0.027	0.038	0.51
644282	Drill Core	0.117	17	40	0.43	69	0.110	<20	0.66	0.033	0.08	>100	<0.01	2.1	0.1	0.22	3	3.1	0.014	0.033	0.48
644283	Drill Core	0.123	15	29	0.24	47	0.097	<20	0.57	0.046	0.04	>100	<0.01	1.7	<0.1	0.17	3	2.7	0.011	0.040	0.41
644284	Drill Core	0.107	14	33	0.55	36	0.103	<20	0.44	0.033	0.03	>100	<0.01	2.2	<0.1	0.19	3	2.4	0.017	0.050	0.41
644285	Drill Core	0.142	17	29	0.19	80	0.102	<20	0.70	0.054	0.03	>100	<0.01	1.7	<0.1	0.17	2	3.2	0.004	0.025	0.45
644286	Drill Core	0.142	18	33	0.23	80	0.106	<20	0.72	0.053	0.04	>100	<0.01	1.9	<0.1	0.14	3	2.5	0.005	0.035	0.58
644287	Rock Pulp	0.046	9	23	1.07	15	0.019	<20	1.05	0.033	0.18	>100	<0.01	0.7	0.2	8.84	8	14.7	0.001	1.065	0.20
644288	Rock Chip	0.010	<1	2	13.31	2	<0.001	<20	0.03	0.025	0.02	1.1	<0.01	0.2	<0.1	0.05	<1	<0.5	<0.001	<0.005	0.03
644289	Drill Core	0.146	18	58	0.81	82	0.140	<20	1.04	0.085	0.10	>100	<0.01	4.0	0.2	0.48	5	6.0	0.008	0.282	1.19
644290	Drill Core	0.138	18	51	1.97	102	0.095	<20	1.08	0.042	0.08	>100	<0.01	4.0	0.2	1.01	6	2.2	0.020	0.712	2.28
644291	Drill Core	0.186	17	39	0.32	76	0.082	<20	0.93	0.101	0.04	>100	<0.01	2.3	<0.1	0.17	3	2.2	0.022	0.035	1.18
644292	Drill Core	0.164	18	60	0.46	119	0.116	<20	1.04	0.147	0.06	>100	<0.01	3.9	<0.1	0.42	4	5.1	0.019	0.231	1.37
644293	Drill Core	0.142	15	24	0.10	51	0.093	<20	0.82	0.045	0.03	>100	<0.01	1.2	<0.1	0.48	3	7.2	0.049	0.028	0.34
644294	Drill Core	0.141	17	44	0.53	82	0.101	<20	0.99	0.142	0.07	>100	<0.01	3.4	<0.1	0.42	3	4.7	0.031	0.145	1.16
644295	Drill Core	0.160	19	37	0.39	105	0.092	28	1.30	0.094	0.06	>100	<0.01	2.3	<0.1	0.34	4	4.9	0.018	0.054	1.08
644296	Drill Core	0.161	20	47	0.59	53	0.107	<20	1.46	0.072	0.04	>100	<0.01	3.2	<0.1	0.37	7	2.2	0.044	0.135	1.70
644297	Drill Core	0.115	16	35	0.23	33	0.093	<20	0.81	0.038	0.03	>100	<0.01	2.1	<0.1	0.26	3	2.2	0.009	0.088	0.72
644298	Drill Core	0.156	16	48	0.27	43	0.089	24	0.94	0.044	0.04	>100	<0.01	2.5	<0.1	0.26	4	3.8	0.014	0.077	0.82
644299	Drill Core	0.099	11	17	0.10	64	0.072	<20	0.43	0.051	0.05	42.3	<0.01	0.8	<0.1	0.29	2	3.4	0.004	0.008	0.17
644300	Drill Core	0.142	11	48	0.55	20	0.106	<20	0.52	0.042	0.08	>100	<0.01	2.4	0.1	0.66	2	3.3	0.010	0.033	0.46
644301	Drill Core	0.116	14	34	1.02	50	0.097	<20	0.63	0.068	0.09	>100	<0.01	2.6	0.2	0.27	2	2.7	0.078	0.064	0.83
644302	Drill Core	0.136	16	46	0.38	56	0.086	<20	0.70	0.042	0.07	>100	<0.01	2.6	0.1	0.35	3	2.2	0.010	0.075	0.55
644303	Drill Core	0.107	13	31	0.45	68	0.081	<20	1.09	0.036	0.13	>100	<0.01	2.5	0.3	0.32	5	2.3	0.011	0.188	0.61
644304	Drill Core	0.116	15	36	0.34	41	0.114	<20	0.56	0.044	0.04	>100	<0.01	2.6	<0.1	0.36	2	3.0	0.006	0.084	0.54
644305	Drill Core	0.094	15	40	1.26	58	0.121	<20	1.12	0.098	0.07	>100	<0.01	4.0	0.2	0.40	6	1.8	0.013	0.176	1.36
644306	Drill Core	0.098	12	32	0.56	83	0.096	<20	0.78	0.056	0.12	>100	<0.01	3.0	0.3	0.39	4	1.9	0.020	0.104	0.46
644307	Drill Core	0.072	12	31	0.91	178	0.106	<20	0.78	0.032	0.36	<0.1	<0.01	4.0	0.9	0.27	4	2.3	0.018	0.006	0.29



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
RRE 644307	Drill Core		184.3	30.7	4.5	52	<0.1	22.3	5.0	319	1.03	0.5	3.3	1.8	6.2	23	<0.1	<0.1	1.0	55	0.77
644308	Drill Core	6.40	82.1	52.5	7.0	48	0.1	29.9	6.7	389	1.21	0.6	2.6	2.8	5.6	16	0.1	<0.1	1.9	47	0.84
644309	Drill Core	5.90	102.0	32.2	6.1	48	<0.1	11.6	4.3	227	0.92	0.8	3.3	1.0	6.0	10	0.3	<0.1	0.3	55	0.45
644310	Drill Core	9.50	127.2	26.9	5.7	43	<0.1	13.5	3.6	414	0.83	0.5	3.7	1.2	5.5	65	0.1	<0.1	0.4	40	1.44
644311	Drill Core	6.20	89.2	49.1	7.8	97	0.2	25.2	6.4	938	1.31	2.7	2.5	1.5	4.0	115	0.6	0.1	2.6	62	3.14
644312	Drill Core	6.70	122.1	60.3	44.4	120	0.8	18.1	4.9	1237	1.31	1.0	2.1	7.7	3.2	101	1.5	0.1	10.0	46	3.94
644313	Drill Core	6.50	82.7	32.0	4.0	84	0.1	20.4	5.7	906	1.17	0.7	2.4	3.5	3.6	54	0.7	<0.1	13.1	51	4.06
644314	Drill Core	6.70	354.3	46.9	3.4	69	0.1	36.2	5.5	532	1.21	<0.5	7.0	3.0	3.5	33	0.3	<0.1	0.8	108	1.27
644315	Drill Core	7.10	198.9	19.5	2.0	182	<0.1	27.9	3.9	4864	2.07	0.7	10.1	4.3	3.1	76	3.2	<0.1	2.0	103	9.54
644316	Drill Core	3.30	129.8	17.7	9.1	166	<0.1	26.0	3.7	1949	1.37	0.8	5.9	3.6	3.9	91	1.4	<0.1	1.2	140	6.25
644317	Drill Core	3.20	146.7	14.9	7.2	171	<0.1	27.0	3.4	2229	1.34	1.0	7.1	2.2	4.5	101	1.5	<0.1	1.0	161	7.79
644318	Rock Pulp	0.10	615.7	116.5	8.6	80	0.2	14.5	5.1	573	2.21	2.2	2.0	4.9	4.2	133	0.4	0.3	0.6	24	1.15
644319	Rock Chip	0.30	0.6	2.6	1.7	1	<0.1	2.6	0.4	153	0.10	1.2	0.1	<0.5	0.1	60	<0.1	<0.1	<0.1	2	20.26
644320	Drill Core	6.00	192.8	33.0	5.6	94	<0.1	38.8	4.1	476	0.78	<0.5	7.1	1.2	4.3	47	1.0	<0.1	0.7	121	2.06
644321	Drill Core	6.90	374.5	33.6	26.9	156	0.4	46.6	4.0	2369	1.22	1.3	22.9	2.2	4.6	139	2.1	0.2	1.8	327	10.75
644322	Drill Core	6.90	180.2	34.3	3.7	92	0.1	28.2	4.2	954	1.14	1.2	5.0	2.1	4.4	55	0.8	0.2	1.4	113	4.01
644323	Drill Core	6.40	226.8	59.0	8.6	132	0.2	54.2	6.7	2534	4.59	5.4	10.3	3.0	4.1	108	0.6	0.2	20.2	172	3.61
644324	Drill Core	6.80	111.1	21.1	4.2	80	<0.1	21.6	3.4	1184	0.88	0.9	3.8	4.2	3.0	46	0.6	0.1	0.7	49	2.96
644325	Drill Core	7.30	116.8	29.3	13.2	162	0.3	21.8	5.6	1782	1.50	0.9	2.6	3.3	3.2	59	0.8	0.5	1.3	68	4.05
644326	Drill Core	6.20	71.6	39.8	3.0	102	<0.1	17.0	4.8	1471	1.20	1.2	2.1	2.3	3.2	63	0.7	0.2	0.4	44	4.03
644327	Drill Core	4.20	213.1	18.2	5.0	84	0.1	33.2	4.5	975	1.22	1.2	2.6	3.2	4.1	120	0.5	0.2	4.0	84	3.27
644328	Drill Core	7.20	1011	144.6	58.8	60	0.5	16.9	7.4	501	3.32	4.8	1.3	8.1	2.2	44	0.2	2.5	1842	36	1.59
644329	Drill Core	4.60	83.6	94.6	3.2	293	0.3	21.9	6.4	4122	2.93	1.5	3.0	6.0	3.0	254	2.0	0.8	2.8	70	10.02
644330	Drill Core	7.30	139.6	68.2	9.4	181	0.6	29.3	6.9	1684	2.11	1.4	3.0	13.2	3.1	152	1.1	0.4	14.0	74	5.63
644331	Drill Core	6.30	110.6	62.8	7.1	138	0.2	18.5	6.5	1460	1.62	1.3	2.3	3.8	3.1	73	1.1	0.2	5.8	51	5.10
644332	Drill Core	6.80	192.7	32.8	6.3	55	<0.1	22.7	4.5	477	0.75	0.8	2.5	2.0	3.8	33	0.3	<0.1	1.4	54	2.27
644333	Drill Core	6.10	111.4	62.6	3.8	153	0.2	27.1	7.3	1728	2.37	1.2	2.7	4.7	3.7	65	1.2	0.3	2.7	71	3.90
644334	Drill Core	7.20	104.1	29.2	38.2	349	1.2	17.4	4.6	1630	1.32	0.8	2.9	3.4	3.8	81	5.6	0.3	17.7	63	5.95
644335	Drill Core	6.90	291.5	73.1	5.4	131	0.3	25.7	5.9	1063	2.50	1.9	4.0	4.2	4.1	45	0.8	0.6	10.5	64	2.78
644336	Drill Core	4.70	80.5	212.4	6.5	153	0.6	19.2	9.8	1401	2.67	2.3	5.7	7.4	6.4	41	1.2	0.5	3.1	48	2.54



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Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
RRE 644307	Drill Core	0.075	13	32	0.89	168	0.104	<20	0.75	0.031	0.36	55.8	<0.01	3.7	0.8	0.26	4	2.2	0.018	0.008	0.30
644308	Drill Core	0.081	12	55	0.85	136	0.096	<20	0.73	0.030	0.30	>100	<0.01	3.2	0.7	0.38	4	3.2	0.009	0.029	0.38
644309	Drill Core	0.067	10	29	0.86	159	0.078	<20	0.67	0.029	0.34	<0.1	<0.01	3.3	0.7	0.28	4	1.9	0.010	<0.005	0.23
644310	Drill Core	0.072	10	22	0.59	114	0.073	43	0.91	0.051	0.18	>100	<0.01	2.4	0.4	0.17	4	1.5	0.013	0.024	0.26
644311	Drill Core	0.134	13	43	0.77	45	0.086	<20	1.30	0.081	0.05	>100	<0.01	3.2	0.1	0.24	5	3.3	0.009	0.079	0.56
644312	Drill Core	0.093	12	33	0.44	98	0.080	<20	0.86	0.090	0.07	>100	<0.01	3.0	0.1	0.23	4	1.8	0.013	0.190	0.72
644313	Drill Core	0.136	15	31	0.30	57	0.091	<20	0.54	0.036	0.03	>100	<0.01	2.2	<0.1	0.25	2	2.1	0.008	0.053	0.48
644314	Drill Core	0.136	13	23	0.30	68	0.090	<20	0.45	0.055	0.07	>100	<0.01	2.0	0.1	0.35	2	2.6	0.032	0.095	0.28
644315	Drill Core	0.183	14	26	0.13	18	0.061	<20	1.13	0.022	0.01	>100	<0.01	1.6	<0.1	0.11	6	1.3	0.021	0.104	0.80
644316	Drill Core	0.109	14	37	0.23	22	0.061	<20	0.81	0.045	0.01	>100	0.20	1.8	<0.1	0.06	3	0.9	0.015	0.192	1.08
644317	Drill Core	0.129	16	41	0.21	23	0.066	31	0.88	0.046	0.01	>100	0.10	1.7	<0.1	0.06	4	0.8	0.016	0.139	0.97
644318	Rock Pulp	0.073	16	17	0.45	119	0.017	<20	0.68	0.031	0.28	0.7	<0.01	2.5	0.2	0.26	3	<0.5	0.066	<0.005	0.10
644319	Rock Chip	0.005	<1	2	12.70	1	<0.001	<20	0.02	0.022	0.02	3.9	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
644320	Drill Core	0.119	15	28	0.18	43	0.077	<20	0.44	0.042	0.04	>100	0.04	1.5	<0.1	0.18	2	3.8	0.022	0.026	0.29
644321	Drill Core	0.225	20	32	0.21	17	0.063	<20	0.92	0.047	0.01	>100	0.22	1.8	<0.1	0.21	4	2.3	0.039	0.168	0.72
644322	Drill Core	0.097	14	32	0.30	50	0.070	<20	0.67	0.025	0.09	>100	0.12	2.0	0.2	0.36	3	2.6	0.019	0.179	0.38
644323	Drill Core	0.177	12	31	0.47	102	0.052	<20	1.60	0.039	0.12	>100	0.22	2.7	0.2	3.13	7	4.3	0.025	0.314	0.31
644324	Drill Core	0.113	12	25	0.16	16	0.066	<20	0.47	0.020	0.01	>100	0.05	1.3	<0.1	0.13	2	0.9	0.011	0.031	0.34
644325	Drill Core	0.129	13	44	0.76	58	0.085	<20	0.70	0.035	0.06	>100	0.16	2.7	0.1	0.12	3	0.8	0.012	0.125	0.83
644326	Drill Core	0.129	15	29	0.27	34	0.074	<20	0.64	0.023	0.03	>100	0.01	1.9	<0.1	0.17	3	0.8	0.007	0.048	0.39
644327	Drill Core	0.141	16	62	0.53	81	0.026	<20	0.99	0.018	0.09	>100	<0.01	3.5	0.1	0.14	5	1.7	0.024	0.022	0.36
644328	Drill Core	0.084	9	29	0.32	41	0.055	<20	0.50	0.027	0.05	>100	0.14	2.6	0.1	2.84	3	7.4	0.111	0.128	0.34
644329	Drill Core	0.131	14	45	2.83	126	0.111	<20	0.96	0.099	0.15	>100	0.10	3.6	0.3	0.60	5	5.1	0.009	0.098	2.60
644330	Drill Core	0.120	13	52	0.93	46	0.087	<20	1.21	0.060	0.04	>100	0.17	3.4	<0.1	0.76	5	3.3	0.015	0.154	1.19
644331	Drill Core	0.132	14	36	0.42	26	0.086	<20	0.85	0.023	0.02	>100	0.02	2.6	<0.1	0.30	4	1.7	0.012	0.051	0.82
644332	Drill Core	0.112	14	27	0.14	39	0.090	<20	0.32	0.028	0.03	>100	0.02	1.4	<0.1	0.17	2	2.6	0.020	0.027	0.31
644333	Drill Core	0.102	14	44	0.55	71	0.104	<20	0.78	0.093	0.11	>100	0.15	4.1	0.2	0.70	4	2.3	0.012	0.110	1.01
644334	Drill Core	0.121	16	38	0.45	34	0.104	<20	1.01	0.035	0.02	>100	0.09	2.4	<0.1	0.15	4	2.2	0.011	0.075	0.80
644335	Drill Core	0.083	11	38	0.62	38	0.089	<20	0.57	0.038	0.07	>100	0.16	3.8	0.2	1.51	3	2.7	0.032	0.156	0.52
644336	Drill Core	0.108	13	31	0.55	64	0.087	<20	0.72	0.044	0.19	>100	0.10	5.8	0.4	0.95	5	3.6	0.010	0.099	0.55

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644337	Drill Core	5.10	293.5	45.3	22.0	8	0.1	1.2	1.7	179	0.54	5.0	29.9	6.4	27.0	18	<0.1	0.2	2.8	<2	0.44
644338	Drill Core	6.40	121.4	29.0	21.4	6	<0.1	0.6	1.1	180	0.48	6.5	30.8	4.8	24.4	13	<0.1	0.1	0.6	<2	0.37
644339	Drill Core	6.60	111.8	25.8	18.7	15	<0.1	0.9	2.1	302	0.99	7.9	50.3	7.7	35.8	7	<0.1	0.1	3.0	<2	0.24
644340	Drill Core	5.70	1661	19.2	11.7	12	<0.1	0.6	1.0	246	0.39	3.9	31.6	4.9	17.1	8	<0.1	0.2	1.7	<2	0.34
644341	Drill Core	6.30	693.0	14.5	16.8	7	<0.1	0.7	0.6	132	0.35	2.4	31.9	5.1	17.5	4	<0.1	0.3	3.1	<2	0.10
644342	Drill Core	5.40	262.0	35.1	44.0	15	0.1	0.9	1.7	246	0.76	51.4	48.7	16.5	35.1	6	0.1	1.4	17.5	<2	0.11
RRE 644342	Drill Core		272.0	33.8	55.1	14	0.2	0.8	1.5	238	0.73	52.1	45.8	17.4	32.7	5	0.1	1.4	30.5	<2	0.11
644343	Drill Core	6.20	30.0	6.3	13.8	15	<0.1	0.8	0.6	296	0.57	2.9	48.5	3.1	31.7	5	<0.1	0.3	0.4	<2	0.12
644344	Drill Core	6.00	366.0	9.2	19.7	29	<0.1	0.9	1.5	333	0.87	10.0	35.7	8.5	24.7	7	0.2	0.5	4.9	<2	0.15
644345	Drill Core	6.40	182.4	14.0	9.8	9	<0.1	0.9	0.6	202	0.44	0.8	19.0	2.7	16.1	3	<0.1	<0.1	0.2	<2	0.07
644346	Drill Core	6.10	634.0	11.1	15.2	18	<0.1	1.0	1.0	360	0.62	1.6	38.6	4.7	25.6	4	<0.1	0.2	1.5	<2	0.13
644347	Drill Core	6.30	78.0	8.7	13.4	9	<0.1	0.7	0.7	188	0.48	1.2	31.3	3.5	20.2	4	<0.1	0.2	1.5	<2	0.10
644348	Drill Core	6.30	239.0	23.9	13.1	12	<0.1	0.9	1.5	266	0.69	1.5	35.8	4.2	30.8	6	<0.1	0.1	1.9	3	0.15
644349	Drill Core	2.70	380.9	27.1	21.6	19	<0.1	1.0	1.6	467	0.83	2.7	47.1	4.3	42.6	7	<0.1	0.3	7.8	3	0.26
644350	Drill Core	2.90	298.8	30.6	17.4	18	<0.1	1.1	1.4	454	0.82	2.2	44.6	2.3	36.9	6	<0.1	0.3	4.5	3	0.25
644351	Rock Pulp	0.10	12.9	4232	3.8	52	1.9	100.7	67.4	624	25.75	5.3	2.1	456.9	2.0	54	0.2	0.3	818.3	9	2.94
644352	Rock Chip	0.30	0.8	2.7	1.6	1	<0.1	0.3	0.8	141	0.10	0.8	0.2	3.4	0.1	56	<0.1	<0.1	<0.1	6	20.13
644353	Drill Core	5.70	77.0	9.4	14.1	13	<0.1	0.7	1.0	283	0.58	2.2	37.8	2.8	24.6	6	0.1	0.2	1.8	5	0.23
644354	Drill Core	2.30	26.9	36.7	6.5	34	0.2	43.4	11.1	321	1.70	0.8	8.6	2.9	7.3	25	0.2	<0.1	1.9	52	0.95
644355	Drill Core	2.60	48.0	87.1	7.3	35	0.2	42.2	17.4	334	2.01	1.2	0.5	4.6	0.9	38	0.4	<0.1	2.1	50	1.20
644356	Drill Core	4.90	52.7	90.7	10.8	52	0.2	32.5	15.1	445	2.39	0.8	0.6	6.9	1.5	42	0.4	<0.1	6.9	67	1.34
644357	Drill Core	0.60	68.4	101.0	2.5	23	0.1	29.1	10.7	193	1.80	0.7	0.7	4.0	1.7	20	0.2	<0.1	5.6	30	0.92
644358	Drill Core	2.30	135.2	138.9	5.1	38	0.2	18.6	11.7	406	2.47	1.4	0.8	5.8	1.5	28	0.4	<0.1	5.4	47	1.36
644359	Drill Core	4.10	94.6	138.9	5.0	31	0.2	16.9	11.8	255	2.34	1.3	0.7	4.4	1.1	20	0.2	<0.1	5.5	41	0.86
644360	Drill Core	5.10	123.3	126.5	3.0	40	0.1	15.9	12.7	368	2.47	1.1	0.5	3.4	0.8	49	0.2	<0.1	2.9	58	1.04
644361	Drill Core	6.00	102.1	140.7	23.0	73	0.4	16.9	13.2	477	2.61	0.9	0.6	13.7	1.1	16	1.0	<0.1	7.0	64	1.01
644362	Drill Core	5.90	114.8	233.5	96.3	93	2.0	22.9	10.9	743	2.93	4.2	0.9	9.2	2.1	80	1.2	0.3	25.0	49	2.01
644363	Drill Core	5.00	46.4	84.1	6.9	57	0.2	22.3	10.1	483	2.26	1.1	0.9	9.9	2.3	40	0.3	<0.1	7.1	56	1.19
644364	Drill Core	7.00	54.3	65.2	5.8	54	0.1	24.7	8.9	571	2.13	1.3	0.7	1.6	1.9	93	0.2	0.2	10.1	58	1.91
644365	Drill Core	5.70	49.1	48.0	3.1	53	<0.1	18.3	7.4	383	1.84	0.9	0.7	4.6	1.9	76	0.2	<0.1	1.4	55	1.02



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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
644337	Drill Core	0.002	11	9	0.02	11	0.003	<20	0.21	0.028	0.10	17.6	<0.01	2.3	0.1	0.22	1	1.1	0.030	0.011	0.03
644338	Drill Core	<0.001	14	6	0.01	4	0.002	<20	0.18	0.029	0.08	18.4	<0.01	1.2	<0.1	0.16	<1	0.6	0.013	<0.005	0.02
644339	Drill Core	0.002	17	8	0.03	3	0.005	<20	0.23	0.033	0.10	25.8	<0.01	2.5	0.1	0.53	1	0.8	0.013	<0.005	0.03
644340	Drill Core	0.003	8	9	0.01	3	0.002	<20	0.13	0.021	0.08	77.2	0.02	1.3	<0.1	0.17	<1	0.6	0.197	0.011	0.02
644341	Drill Core	0.007	8	7	0.02	3	0.004	<20	0.15	0.022	0.10	13.5	<0.01	1.1	0.1	0.12	<1	<0.5	0.069	<0.005	0.02
644342	Drill Core	0.001	19	7	0.03	6	0.002	<20	0.32	0.035	0.16	23.9	0.01	1.3	0.4	0.47	2	1.1	0.028	<0.005	0.07
RRE 644342	Drill Core	<0.001	18	7	0.03	5	0.002	<20	0.31	0.031	0.14	18.9	0.01	1.4	0.4	0.46	2	1.1	0.029	<0.005	0.07
644343	Drill Core	0.001	16	8	0.03	2	0.006	<20	0.21	0.039	0.10	3.7	<0.01	2.2	0.1	0.09	1	<0.5	0.003	<0.005	0.02
644344	Drill Core	0.002	12	9	0.03	3	0.005	<20	0.24	0.036	0.12	8.9	<0.01	2.2	0.2	0.49	1	0.6	0.040	<0.005	0.02
644345	Drill Core	0.002	13	7	0.03	2	0.010	<20	0.18	0.030	0.14	1.4	<0.01	1.5	0.2	0.07	1	<0.5	0.021	<0.005	0.02
644346	Drill Core	0.001	12	8	0.05	2	0.012	<20	0.26	0.043	0.16	3.0	<0.01	3.2	0.3	0.15	2	<0.5	0.063	<0.005	0.03
644347	Drill Core	<0.001	8	7	0.02	2	0.004	<20	0.17	0.035	0.11	79.2	0.02	1.9	0.1	0.08	1	<0.5	0.009	0.012	0.02
644348	Drill Core	0.002	14	9	0.05	2	0.009	<20	0.22	0.033	0.14	87.8	0.01	2.6	0.2	0.21	2	<0.5	0.026	0.011	0.03
644349	Drill Core	0.004	25	8	0.08	3	0.008	<20	0.30	0.031	0.15	>100	0.08	3.2	0.3	0.20	2	<0.5	0.039	0.056	0.03
644350	Drill Core	0.004	19	8	0.08	3	0.010	<20	0.28	0.030	0.14	84.7	0.02	3.4	0.3	0.23	2	0.7	0.031	0.015	0.04
644351	Rock Pulp	0.043	8	19	1.00	15	0.014	<20	0.97	0.032	0.16	>100	0.23	0.6	0.2	>10	8	18.8	<0.001	1.064	0.14
644352	Rock Chip	0.008	<1	2	11.64	1	<0.001	<20	0.03	0.023	0.02	1.1	<0.01	0.1	<0.1	<0.05	<1	0.7	<0.001	<0.005	0.02
644353	Drill Core	0.003	12	8	0.04	2	0.005	<20	0.22	0.035	0.10	22.4	0.01	2.2	0.1	0.12	1	0.8	0.010	<0.005	0.02
644354	Drill Core	0.107	5	96	0.94	34	0.117	<20	1.07	0.079	0.23	17.1	<0.01	3.1	0.7	0.13	3	1.8	0.003	<0.005	0.27
644355	Drill Core	0.185	6	48	0.73	38	0.110	<20	0.99	0.093	0.18	47.4	0.01	2.8	0.5	0.54	3	5.3	0.006	0.006	0.44
644356	Drill Core	0.140	6	45	0.96	83	0.161	<20	1.07	0.107	0.28	82.4	0.03	3.5	0.7	0.60	4	4.0	0.007	0.011	0.52
644357	Drill Core	0.157	9	20	0.34	40	0.091	<20	0.31	0.060	0.09	>100	0.04	1.4	0.1	0.84	1	7.0	0.010	0.016	0.21
644358	Drill Core	0.135	8	22	0.56	20	0.107	<20	0.44	0.063	0.07	>100	0.11	2.8	<0.1	1.16	2	9.1	0.017	0.055	0.37
644359	Drill Core	0.118	6	17	0.42	63	0.100	<20	0.44	0.053	0.16	>100	0.03	1.9	0.4	1.18	2	9.8	0.013	0.016	0.23
644360	Drill Core	0.106	5	22	0.59	85	0.111	<20	0.81	0.098	0.22	99.1	0.03	2.4	0.6	1.02	3	7.1	0.015	0.012	0.36
644361	Drill Core	0.108	6	24	0.70	73	0.106	<20	0.65	0.056	0.24	>100	0.09	3.2	0.7	1.07	3	9.0	0.013	0.047	0.38
644362	Drill Core	0.113	11	20	0.65	63	0.072	<20	1.24	0.055	0.15	>100	0.04	3.2	0.4	1.07	4	8.5	0.014	0.021	0.45
644363	Drill Core	0.106	11	24	0.83	94	0.105	<20	0.93	0.050	0.23	>100	0.05	2.7	0.5	0.71	4	5.3	0.005	0.021	0.42
644364	Drill Core	0.110	9	30	0.91	68	0.074	<20	1.18	0.041	0.14	84.5	0.03	3.1	0.2	0.46	5	3.9	0.007	0.011	0.45
644365	Drill Core	0.090	9	22	0.81	101	0.096	<20	1.02	0.055	0.21	25.6	<0.01	2.5	0.4	0.37	4	2.9	0.006	<0.005	0.35

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644366	Drill Core	5.40	116.0	80.8	8.4	40	0.2	22.4	9.7	597	2.11	1.4	1.1	8.3	2.2	97	0.3	0.2	8.3	50	2.01
644367	Drill Core	6.20	50.3	95.0	4.8	76	<0.1	36.4	11.8	598	2.66	1.4	1.1	3.7	2.4	53	0.4	0.2	2.4	100	1.37
644368	Drill Core	5.90	115.3	94.6	7.7	44	0.2	20.9	9.1	347	1.90	0.8	0.7	6.8	1.5	41	0.3	0.1	7.6	47	0.86
644369	Drill Core	7.40	113.1	81.5	6.9	48	0.1	18.3	8.0	352	1.99	0.7	0.7	3.6	1.3	45	0.3	<0.1	14.7	58	1.00
644370	Drill Core	3.90	123.0	123.1	4.8	63	0.1	44.4	11.7	381	2.48	<0.5	2.3	4.0	1.7	56	0.3	<0.1	3.5	139	1.20
644371	Drill Core	5.40	71.2	119.8	4.0	52	0.1	40.1	12.0	337	2.35	0.8	1.3	6.7	2.2	96	0.3	<0.1	7.0	82	1.33
644372	Drill Core	5.60	231.0	92.5	4.4	36	0.1	33.4	9.7	275	1.87	1.0	0.9	6.4	1.8	33	0.2	<0.1	5.2	56	0.95
644373	Drill Core	5.60	49.4	140.5	6.7	41	0.2	26.0	12.5	297	2.33	1.0	0.7	20.8	1.3	41	0.2	<0.1	10.4	55	1.15
644374	Drill Core	5.40	74.1	118.4	8.1	31	0.2	28.3	11.3	246	1.98	1.0	0.9	6.9	1.6	36	0.1	<0.1	7.8	50	0.88
644375	Drill Core	6.80	168.8	128.7	28.2	53	0.4	25.7	12.4	340	2.43	1.1	0.6	5.4	1.8	42	0.5	0.1	19.7	61	0.79
644376	Drill Core	4.00	122.4	143.0	4.9	45	0.2	34.6	12.9	335	2.61	1.6	0.9	163.6	2.1	81	0.2	0.3	26.4	65	1.37
644377	Drill Core	5.50	66.7	127.9	128.7	36	2.0	34.2	12.4	280	2.23	1.6	1.1	35.6	2.3	70	0.5	0.6	119.1	54	1.29
RRE 644377	Drill Core		56.3	124.6	95.1	31	2.4	31.9	11.0	247	2.06	1.6	0.9	48.5	1.9	58	0.5	0.4	76.5	43	1.13
644378	Drill Core	6.40	91.6	84.8	7.2	40	0.2	31.2	10.3	282	2.03	0.6	1.0	122.4	2.3	36	0.1	<0.1	10.3	54	0.86
644379	Drill Core	6.40	56.9	103.8	5.6	37	0.2	24.7	11.3	314	2.07	<0.5	0.8	7.6	1.6	96	0.2	0.1	3.3	48	1.53
644380	Drill Core	5.40	957.3	199.8	20.9	58	0.6	38.0	11.0	605	2.12	1.4	1.6	31.1	2.3	56	1.3	0.3	23.9	69	3.45
644381	Drill Core	6.60	133.7	86.2	16.2	55	0.3	22.9	10.1	399	2.28	0.7	0.7	6.8	1.9	33	0.3	0.1	10.4	68	1.01
644382	Drill Core	3.20	141.4	85.4	142.3	395	2.2	20.7	9.1	2487	2.54	21.2	2.1	15.9	2.1	194	8.7	5.1	70.2	44	9.28
644383	Drill Core	3.20	123.3	102.9	188.1	725	3.1	22.0	12.5	2161	2.66	19.8	2.0	18.4	2.2	145	16.7	8.4	145.3	49	7.68
644384	Rock Pulp	0.10	586.9	101.8	8.2	75	0.1	14.3	5.4	597	2.17	2.2	1.9	1.0	4.2	134	1.1	0.3	0.5	26	1.17
644385	Rock Chip	0.30	0.4	3.2	1.9	2	<0.1	2.5	0.7	144	0.12	0.9	<0.1	1.9	<0.1	63	<0.1	<0.1	0.2	2	20.48
644386	Drill Core	4.80	170.8	73.8	117.6	70	1.8	20.4	8.6	548	2.36	1.6	1.0	4.5	3.0	68	0.6	1.8	96.3	72	1.61
644387	Drill Core	4.30	629.5	128.8	24.8	127	0.5	22.9	9.3	1254	2.07	5.7	1.5	6.2	2.1	145	1.8	1.5	444.8	50	3.49
644388	Drill Core	9.80	134.4	118.8	13.6	63	0.4	26.1	10.6	557	1.66	2.0	1.2	5.1	2.5	74	0.9	0.3	9.0	45	1.96
644389	Drill Core	5.80	228.5	105.2	37.0	76	0.8	24.6	10.9	833	2.20	2.9	1.5	8.2	3.0	102	0.6	0.5	43.2	56	3.33
644390	Drill Core	6.60	164.7	86.0	17.1	76	0.5	17.9	7.1	981	1.81	2.1	1.3	3.3	2.2	65	0.7	0.4	13.1	53	2.70
644391	Drill Core	7.30	155.8	129.7	86.5	235	1.7	13.8	6.3	2582	1.84	7.4	2.8	5.8	2.4	279	4.0	0.7	28.0	54	10.36
644392	Drill Core	6.10	133.3	101.3	114.1	251	2.1	14.5	6.9	1436	1.84	6.8	1.6	13.9	2.0	152	4.7	0.6	18.7	54	4.38
644393	Drill Core	6.50	58.2	115.1	63.0	53	1.6	17.0	7.7	437	1.47	4.1	1.5	4.4	2.0	70	0.6	0.7	48.6	35	2.13
644394	Drill Core	6.20	78.3	86.4	9.3	65	0.3	18.8	7.5	464	1.70	2.2	0.8	12.1	1.6	105	0.4	0.2	4.6	49	1.41



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000465.1

Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine F % 0.01	
644366	Drill Core	0.113	10	22	0.52	68	0.104	<20	1.16	0.067	0.15	>100	0.04	1.7	0.3	0.62	4	6.0	0.014	0.018	0.41
644367	Drill Core	0.087	10	44	1.20	66	0.096	<20	1.32	0.029	0.11	58.4	<0.01	5.1	0.3	0.61	5	5.3	0.005	0.008	0.29
644368	Drill Core	0.108	7	20	0.68	76	0.085	<20	0.77	0.054	0.16	87.7	0.02	2.2	0.4	0.65	3	5.4	0.014	0.010	0.32
644369	Drill Core	0.099	7	22	0.73	88	0.106	<20	0.85	0.055	0.27	87.1	0.02	2.7	0.6	0.76	4	6.4	0.014	0.012	0.34
644370	Drill Core	0.118	9	39	0.76	134	0.125	<20	1.11	0.062	0.43	>100	0.04	3.6	1.1	1.02	5	9.4	0.015	0.015	0.39
644371	Drill Core	0.109	10	40	0.77	63	0.128	<20	0.94	0.061	0.16	>100	0.03	2.3	0.4	0.97	4	8.1	0.009	0.014	0.49
644372	Drill Core	0.107	9	32	0.63	49	0.124	<20	0.52	0.036	0.13	95.6	0.01	2.1	0.4	0.85	2	7.6	0.026	0.011	0.37
644373	Drill Core	0.114	8	27	0.58	59	0.146	<20	0.67	0.066	0.22	55.8	0.01	2.5	0.6	1.13	3	8.9	0.007	0.007	0.38
644374	Drill Core	0.099	8	25	0.52	68	0.127	<20	0.58	0.062	0.18	83.3	0.02	2.0	0.5	0.94	3	7.0	0.010	0.010	0.32
644375	Drill Core	0.089	8	29	0.91	169	0.137	<20	1.04	0.070	0.51	69.4	0.02	3.2	1.1	0.85	5	6.9	0.020	0.009	0.33
644376	Drill Core	0.103	10	30	0.72	202	0.127	<20	1.32	0.136	0.45	75.6	0.02	3.5	1.3	1.20	5	9.9	0.015	0.009	0.48
644377	Drill Core	0.094	11	27	0.57	100	0.114	<20	1.05	0.101	0.23	>100	0.08	2.4	0.8	1.13	4	11.1	0.009	0.039	0.37
RRE 644377	Drill Core	0.087	9	22	0.47	76	0.088	<20	0.84	0.083	0.17	>100	0.05	1.8	0.5	1.04	3	9.7	0.009	0.026	0.32
644378	Drill Core	0.105	11	28	0.64	60	0.114	<20	0.66	0.044	0.15	55.5	0.02	1.7	0.4	0.81	3	6.8	0.012	0.006	0.31
644379	Drill Core	0.118	9	25	0.48	58	0.113	<20	1.35	0.141	0.15	>100	0.04	1.5	0.4	0.88	4	7.4	0.008	0.018	0.35
644380	Drill Core	0.142	14	37	0.47	20	0.121	25	1.36	0.039	0.03	>100	0.11	2.4	<0.1	0.99	5	8.6	0.106	0.052	0.72
644381	Drill Core	0.123	10	31	0.96	124	0.155	<20	0.96	0.053	0.42	30.1	<0.01	3.2	1.0	0.65	5	4.4	0.016	<0.005	0.35
644382	Drill Core	0.126	15	22	0.80	96	0.088	80	1.29	0.043	0.18	>100	0.13	2.4	0.6	1.18	4	6.4	0.016	0.066	1.04
644383	Drill Core	0.129	15	23	0.90	91	0.101	21	1.26	0.049	0.21	>100	0.19	2.6	0.7	1.12	5	8.0	0.015	0.101	1.04
644384	Rock Pulp	0.081	17	17	0.45	130	0.017	<20	0.73	0.042	0.30	1.1	<0.01	2.8	0.3	0.26	3	0.6	0.067	<0.005	0.12
644385	Rock Chip	0.005	<1	2	11.62	2	<0.001	<20	0.03	0.023	0.02	1.7	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
644386	Drill Core	0.137	14	26	1.14	216	0.110	<20	1.16	0.035	0.59	98.0	<0.01	4.6	1.4	0.50	5	5.0	0.020	0.015	0.48
644387	Drill Core	0.127	14	28	0.57	89	0.067	<20	1.22	0.028	0.16	>100	<0.01	3.3	0.5	0.47	4	8.6	0.067	0.110	0.87
644388	Drill Core	0.131	11	30	0.50	45	0.097	<20	0.92	0.049	0.10	>100	<0.01	2.1	0.2	0.58	3	5.1	0.016	0.022	0.45
644389	Drill Core	0.120	16	24	0.68	39	0.117	49	1.13	0.038	0.11	>100	<0.01	3.3	0.3	0.79	4	6.2	0.026	0.020	0.61
644390	Drill Core	0.088	12	23	0.80	56	0.090	<20	1.12	0.029	0.21	>100	<0.01	2.9	0.5	0.44	5	3.1	0.020	0.028	0.67
644391	Drill Core	0.120	15	29	0.78	371	0.082	30	1.98	0.286	0.51	>100	<0.01	3.8	1.0	0.37	7	3.1	0.016	0.285	2.06
644392	Drill Core	0.106	13	23	0.62	103	0.101	<20	1.31	0.044	0.23	>100	<0.01	2.9	0.4	0.47	5	4.5	0.015	0.043	0.91
644393	Drill Core	0.094	10	17	0.49	54	0.082	<20	0.83	0.065	0.17	>100	<0.01	2.2	0.4	0.56	3	4.4	0.006	0.019	0.46
644394	Drill Core	0.092	8	22	0.82	120	0.094	<20	1.05	0.071	0.43	>100	<0.01	3.0	1.0	0.44	5	3.4	0.009	0.030	0.54

CERTIFICATE OF ANALYSIS

SMI08000465.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644395	Drill Core	6.90	334.2	116.5	276.3	224	11.2	19.8	7.7	993	1.79	1.9	1.6	9.3	1.8	149	4.2	0.9	261.4	66	2.72
644396	Drill Core	6.90	111.7	142.4	17.6	79	0.6	34.6	11.3	467	2.07	1.2	1.2	4.3	2.1	142	1.2	0.2	12.5	56	1.78
644397	Drill Core	7.40	107.5	154.5	18.3	57	0.5	35.3	11.6	400	2.22	1.5	1.0	9.9	2.3	141	0.7	0.2	11.9	53	1.74
644398	Drill Core	6.50	363.2	133.5	21.5	88	0.6	23.7	8.9	606	1.70	1.2	1.3	2.8	2.1	84	1.2	0.3	8.7	60	2.11
644399	Drill Core	7.90	169.9	73.2	46.5	176	1.1	21.1	8.9	1487	1.62	21.7	2.5	5.8	2.8	260	2.9	1.4	24.0	57	5.86
644400	Drill Core	5.80	79.0	89.9	32.0	128	0.8	21.0	6.7	1632	1.61	15.9	2.2	5.0	2.1	362	1.7	2.3	22.2	62	5.93
644401	Drill Core	6.60	226.8	115.3	62.5	81	1.0	25.2	9.5	872	1.67	15.3	2.0	6.5	2.4	115	0.9	1.0	49.4	59	2.77
644402	Drill Core	4.70	201.2	81.5	74.1	115	1.3	19.3	7.8	2033	1.71	97.9	1.5	6.3	2.5	251	1.2	1.7	84.0	40	5.81
644403	Drill Core	6.50	100.7	65.2	14.8	69	0.4	22.4	6.4	1479	1.63	6.1	1.8	4.1	2.2	180	0.8	1.3	12.9	55	5.27
644404	Drill Core	6.00	89.2	29.8	20.0	67	0.5	14.5	4.8	1014	0.95	2.3	1.6	2.1	1.9	197	0.6	1.1	16.9	39	4.37
644405	Drill Core	7.70	211.9	8.0	28.0	88	0.7	12.5	3.9	1934	1.17	4.1	3.4	9.5	1.9	231	1.1	1.6	24.9	42	10.29
644406	Drill Core	4.90	201.3	38.0	6.6	32	0.2	15.2	5.6	420	1.03	1.0	0.7	2.3	3.0	126	0.2	0.2	3.0	36	1.97
644407	Drill Core	7.50	101.5	99.4	9.5	53	0.4	15.3	10.1	1213	1.97	15.2	0.9	12.8	2.0	218	0.3	1.0	5.8	35	4.36
644408	Drill Core	8.70	51.1	58.0	17.8	38	0.4	14.5	5.4	614	0.97	1.7	1.5	6.5	2.0	156	0.4	0.6	13.3	29	4.82
644409	Drill Core	4.40	332.0	42.4	11.0	66	0.3	16.9	6.8	2312	1.98	1.4	2.8	3.4	2.0	70	0.3	0.6	9.7	58	5.74
644410	Drill Core	6.40	234.1	33.0	10.7	76	0.2	13.4	5.2	1528	1.40	0.9	2.6	8.2	2.4	108	1.1	0.7	13.7	49	6.43
644411	Drill Core	8.20	177.6	112.0	7.0	74	0.2	39.7	13.1	834	2.41	2.5	1.3	8.7	5.8	114	0.4	1.2	7.7	60	3.44
RRE 644411	Drill Core		167.9	104.1	8.5	84	0.2	38.4	11.9	892	2.36	3.0	1.5	9.0	5.7	127	0.5	1.3	8.5	64	3.66
644412	Drill Core	7.10	52.6	90.6	14.8	62	0.3	19.4	8.6	661	1.72	0.8	1.3	5.9	2.0	124	0.5	0.2	18.7	53	2.71
644413	Drill Core	6.80	145.4	97.0	15.3	108	0.3	21.2	9.4	666	2.26	9.0	1.3	3.2	1.9	85	1.2	0.4	10.8	39	3.07
644414	Drill Core	7.70	50.5	100.9	14.8	83	0.3	23.2	8.7	863	1.73	0.9	1.4	10.3	2.2	53	1.0	0.2	11.9	51	3.47
644415	Drill Core	3.30	40.5	105.4	11.2	59	0.2	24.9	8.2	496	1.63	1.0	1.2	8.9	2.2	31	0.6	<0.1	9.4	52	1.96
644416	Drill Core	3.20	67.4	89.3	9.4	54	0.2	21.5	7.2	410	1.42	0.6	1.2	5.1	2.1	33	0.6	<0.1	7.4	44	1.88
644417	Rock Pulp	0.10	11.4	3956	3.4	49	1.9	106.7	72.0	630	24.83	5.2	2.1	404.5	2.0	54	0.2	0.3	782.0	6	3.03
644418	Rock Chip	0.30	0.2	2.4	1.5	<1	<0.1	0.8	0.5	139	0.10	<0.5	<0.1	<0.5	<0.1	58	<0.1	<0.1	<0.1	<2	19.06
644419	Drill Core	7.00	172.1	63.5	6.2	34	0.1	18.3	6.3	353	1.17	2.4	1.0	6.7	1.9	47	0.2	1.1	6.3	30	1.92
644420	Drill Core	6.80	57.2	34.6	27.4	55	0.4	12.8	5.1	812	1.19	0.9	1.6	6.0	2.1	46	0.7	0.3	21.3	39	2.70
644421	Drill Core	8.00	58.4	59.3	32.3	127	0.6	18.5	6.7	912	1.62	1.1	1.6	4.0	2.0	61	1.5	0.2	25.7	58	3.15
644422	Drill Core	6.40	49.9	55.7	7.5	122	0.2	16.3	5.5	1070	1.52	1.6	1.8	1.8	1.8	116	1.6	0.2	5.6	58	4.18
644423	Drill Core	6.50	247.0	58.9	13.6	81	0.2	22.0	7.9	1122	1.91	2.4	1.9	3.6	1.7	82	0.2	0.4	79.2	92	3.44



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine % 0.01	
644395	Drill Core	0.089	10	31	0.75	146	0.123	35	1.28	0.164	0.32	>100	<0.01	4.0	1.0	0.54	5	5.9	0.040	0.027	0.89
644396	Drill Core	0.095	11	27	0.52	72	0.116	<20	0.98	0.078	0.13	54.1	<0.01	2.6	0.4	0.96	3	5.0	0.014	0.010	0.43
644397	Drill Core	0.097	11	26	0.55	67	0.110	<20	1.15	0.054	0.10	55.4	<0.01	2.0	0.3	1.03	5	6.5	0.013	0.010	0.41
644398	Drill Core	0.116	11	29	0.58	68	0.133	<20	0.88	0.066	0.17	>100	<0.01	2.8	0.4	0.71	4	5.4	0.041	0.044	0.48
644399	Drill Core	0.124	13	32	0.66	56	0.087	<20	1.63	0.083	0.11	>100	<0.01	3.0	0.3	0.30	5	3.9	0.019	0.058	1.04
644400	Drill Core	0.147	12	28	0.64	141	0.088	<20	1.69	0.137	0.16	>100	<0.01	3.2	0.4	0.34	5	3.9	0.009	0.019	1.07
644401	Drill Core	0.109	11	30	0.61	63	0.095	<20	1.26	0.037	0.14	>100	<0.01	2.7	0.3	0.45	5	5.6	0.027	0.014	0.44
644402	Drill Core	0.099	11	22	0.52	81	0.049	<20	2.05	0.019	0.24	45.1	<0.01	3.0	0.6	0.30	6	4.4	0.022	0.010	0.55
644403	Drill Core	0.115	11	30	0.59	42	0.085	<20	1.65	0.074	0.10	>100	<0.01	2.6	0.2	0.31	5	3.4	0.012	0.025	0.77
644404	Drill Core	0.115	10	20	0.32	42	0.064	<20	1.58	0.041	0.06	>100	<0.01	2.0	0.2	0.07	5	2.3	0.011	0.019	0.61
644405	Drill Core	0.165	11	27	0.52	35	0.045	<20	1.40	0.020	0.05	>100	<0.01	1.9	0.1	<0.05	5	1.4	0.025	0.133	0.88
644406	Drill Core	0.095	10	23	0.64	63	0.090	<20	0.89	0.033	0.15	25.7	<0.01	2.4	0.3	0.19	3	2.3	0.025	0.006	0.33
644407	Drill Core	0.102	10	18	0.80	64	0.031	<20	1.36	0.018	0.14	76.6	<0.01	3.7	0.3	0.48	4	4.1	0.012	0.015	0.44
644408	Drill Core	0.119	10	16	0.40	48	0.062	<20	0.89	0.029	0.07	38.7	<0.01	1.5	0.1	0.19	3	4.0	0.006	0.006	0.44
644409	Drill Core	0.127	12	24	0.52	35	0.075	<20	1.34	0.033	0.06	>100	<0.01	2.4	0.2	0.23	5	3.8	0.040	0.087	1.34
644410	Drill Core	0.147	12	28	0.33	26	0.069	<20	1.25	0.020	0.05	>100	<0.01	1.6	<0.1	0.14	4	2.1	0.030	0.044	0.82
644411	Drill Core	0.256	31	60	1.10	77	0.112	<20	1.17	0.029	0.26	>100	<0.01	3.8	0.6	0.81	5	8.9	0.020	0.019	0.65
RRE 644411	Drill Core	0.214	29	61	1.11	81	0.110	<20	1.31	0.032	0.25	>100	0.01	4.5	0.6	0.70	5	7.2	0.020	0.017	0.74
644412	Drill Core	0.099	11	24	0.60	35	0.100	<20	0.84	0.041	0.05	>100	<0.01	2.7	<0.1	0.56	4	4.8	0.007	0.034	0.60
644413	Drill Core	0.121	11	19	0.49	56	0.040	<20	1.21	0.013	0.11	>100	<0.01	2.8	0.2	0.81	3	5.5	0.019	0.021	0.45
644414	Drill Core	0.102	12	27	0.51	29	0.116	<20	1.02	0.042	0.05	>100	<0.01	2.5	<0.1	0.53	4	5.5	0.005	0.036	0.80
644415	Drill Core	0.107	12	32	0.62	43	0.135	<20	0.56	0.042	0.09	>100	<0.01	2.7	0.2	0.59	3	4.7	0.004	0.041	0.56
644416	Drill Core	0.106	11	21	0.48	38	0.114	<20	0.63	0.038	0.08	>100	<0.01	1.9	0.2	0.49	3	3.8	0.008	0.018	0.44
644417	Rock Pulp	0.046	9	19	0.93	15	0.016	<20	0.94	0.030	0.16	>100	<0.01	0.6	0.1	9.60	8	14.0	<0.001	1.061	0.18
644418	Rock Chip	0.005	<1	2	12.09	2	<0.001	<20	0.02	0.018	0.02	0.7	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
644419	Drill Core	0.098	11	16	0.33	43	0.093	<20	0.54	0.032	0.08	>100	<0.01	1.6	0.1	0.42	2	4.1	0.021	0.017	0.27
644420	Drill Core	0.095	12	19	0.35	31	0.112	<20	0.78	0.036	0.03	>100	<0.01	1.8	<0.1	0.27	3	3.1	0.006	0.041	0.46
644421	Drill Core	0.105	11	27	0.53	24	0.129	<20	0.82	0.066	0.03	>100	<0.01	2.7	<0.1	0.33	3	3.8	0.008	0.043	0.64
644422	Drill Core	0.113	9	26	0.57	21	0.107	<20	1.05	0.062	0.02	>100	<0.01	2.8	<0.1	0.17	3	1.3	0.006	0.045	0.80
644423	Drill Core	0.103	8	31	0.85	65	0.170	<20	0.95	0.065	0.11	>100	<0.01	4.5	0.3	0.28	4	3.8	0.029	0.033	0.76

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644424	Drill Core	7.10	346.8	85.0	15.6	162	0.3	19.3	8.7	2113	2.51	1.5	2.3	2.9	1.9	76	1.6	0.3	27.4	91	5.29
644425	Drill Core	7.80	263.5	54.6	22.9	146	0.2	22.5	9.0	2768	2.66	0.9	4.4	6.3	2.6	69	1.6	0.6	392.4	88	5.85
644426	Drill Core	5.90	164.7	28.0	17.3	32	0.2	8.9	2.7	265	0.45	0.7	1.1	1.6	4.3	43	0.4	<0.1	9.8	20	1.23
644427	Drill Core	5.70	289.6	79.9	23.6	102	0.3	39.6	9.7	528	1.59	0.9	1.1	3.7	7.4	73	1.0	<0.1	14.8	62	1.97
644428	Drill Core	6.40	431.5	109.7	22.5	182	0.3	35.7	10.0	599	1.72	2.1	1.6	3.8	8.8	91	2.7	0.1	9.8	68	2.02
644429	Drill Core	5.40	320.2	183.3	57.6	134	0.9	24.6	12.3	1288	2.33	1.9	1.7	13.4	3.0	68	1.2	0.1	53.6	65	3.26
644430	Drill Core	7.30	58.1	27.9	57.0	277	0.7	15.8	4.5	1745	1.29	2.4	3.4	6.9	2.5	96	6.4	1.6	33.4	59	7.10
644431	Drill Core	6.40	128.5	43.6	24.8	254	0.5	26.7	6.6	2579	2.08	2.7	4.3	5.4	3.5	117	3.5	1.4	20.6	114	7.44
644432	Drill Core	6.80	163.7	123.1	14.2	88	0.3	33.3	11.1	1046	1.83	1.0	2.6	3.7	2.8	90	0.6	0.3	11.2	101	3.59
644433	Drill Core	7.40	113.6	61.6	4.7	75	0.1	27.7	6.8	1024	1.33	<0.5	2.9	1.9	2.3	75	0.5	0.3	4.6	101	3.06
644434	Drill Core	8.00	127.4	25.9	43.1	105	0.8	33.5	8.2	1772	1.52	2.6	6.5	10.5	3.7	72	1.1	1.3	39.9	153	5.98
644435	Drill Core	5.90	253.5	43.7	19.2	89	0.3	28.3	6.4	1521	1.47	1.9	4.8	7.4	2.8	73	0.7	0.8	20.1	113	4.62
644436	Drill Core	6.40	331.7	50.9	13.8	151	0.3	29.1	7.8	1943	1.85	3.5	4.3	10.8	3.3	78	1.9	1.2	14.9	118	6.24
644437	Drill Core	5.80	379.1	75.8	20.0	128	0.4	30.5	9.1	1729	2.06	17.6	2.7	8.0	2.6	200	1.1	3.5	16.2	90	6.25
644438	Drill Core	7.30	214.8	84.6	22.5	92	0.6	32.4	9.1	1633	1.94	17.4	2.8	3.7	2.8	240	0.5	3.3	18.0	63	5.66
644439	Drill Core	6.60	110.5	122.2	12.9	182	0.4	31.3	8.8	1925	2.31	4.5	3.3	2.6	2.9	99	2.1	0.9	12.7	88	5.91
644440	Drill Core	6.80	131.6	173.3	11.6	96	0.5	35.6	11.2	1102	2.34	8.0	2.2	2.1	3.2	130	0.8	0.5	7.2	92	3.66
644441	Drill Core	6.20	91.8	145.0	14.2	181	0.4	26.5	8.8	972	1.92	8.3	2.0	2.8	3.2	102	2.9	0.6	7.8	55	3.59
644442	Drill Core	6.60	76.4	93.7	24.9	134	0.7	23.0	7.6	1806	1.97	20.5	2.3	3.2	3.2	284	1.1	1.5	17.4	32	5.83
644443	Drill Core	6.30	70.3	181.2	71.9	247	2.0	34.2	15.9	1900	3.04	34.0	3.2	5.0	3.5	246	2.8	7.5	18.0	57	5.51
644444	Drill Core	5.60	64.0	41.8	63.6	449	1.5	35.1	10.1	2885	3.20	51.0	4.7	5.1	3.6	203	5.9	5.5	31.2	27	6.98
RRE 644444	Drill Core		55.4	34.9	65.8	375	1.3	35.5	9.9	2888	3.32	50.3	4.7	5.7	3.5	205	4.4	5.1	37.1	28	7.11
644445	Drill Core	4.80	102.1	43.2	43.1	177	1.0	44.9	9.6	2460	3.13	24.7	4.1	6.8	4.7	180	2.6	6.9	17.6	63	6.71
644446	Drill Core	8.30	92.8	114.6	25.9	99	0.6	32.6	10.2	1163	2.02	6.0	3.7	4.8	4.1	89	0.9	1.1	27.8	102	3.97



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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %	
	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
644424	Drill Core	0.109	10	33	0.92	25	0.165	<20	0.99	0.068	0.05	>100	<0.01	4.7	0.2	0.34	4	3.6	0.042	0.083	1.25
644425	Drill Core	0.134	14	33	0.66	18	0.106	<20	1.07	0.037	0.02	>100	<0.01	2.9	<0.1	0.24	5	6.0	0.031	0.223	1.13
644426	Drill Core	0.081	12	16	0.24	49	0.093	<20	0.36	0.059	0.06	>100	<0.01	1.2	<0.1	0.08	1	1.3	0.020	0.016	0.23
644427	Drill Core	0.112	26	49	1.33	83	0.194	<20	1.08	0.128	0.46	>100	<0.01	4.0	1.2	0.43	4	6.8	0.036	0.014	0.67
644428	Drill Core	0.124	29	54	1.14	101	0.193	<20	0.97	0.096	0.37	>100	<0.01	3.9	1.1	0.63	4	9.1	0.057	0.017	0.66
644429	Drill Core	0.088	14	25	0.84	52	0.159	<20	0.62	0.088	0.07	>100	<0.01	4.2	0.2	0.86	3	9.4	0.041	0.094	0.90
644430	Drill Core	0.133	14	35	0.39	15	0.070	38	1.42	0.011	<0.01	>100	<0.01	1.9	<0.1	0.13	5	2.2	0.007	0.059	1.07
644431	Drill Core	0.139	16	48	0.78	70	0.122	26	1.33	0.044	0.05	>100	<0.01	3.6	<0.1	0.15	5	1.3	0.016	0.080	1.70
644432	Drill Core	0.129	14	41	0.74	42	0.188	<20	0.84	0.074	0.05	>100	<0.01	4.2	<0.1	0.55	4	6.0	0.019	0.034	0.84
644433	Drill Core	0.080	10	37	0.48	50	0.111	<20	0.74	0.059	0.05	>100	<0.01	2.7	<0.1	0.24	3	2.5	0.013	0.047	0.78
644434	Drill Core	0.163	17	46	0.46	31	0.114	29	1.64	0.022	0.02	>100	<0.01	2.6	<0.1	0.13	6	2.3	0.015	0.049	1.13
644435	Drill Core	0.152	13	35	0.33	39	0.106	<20	1.21	0.032	0.02	>100	<0.01	2.1	<0.1	0.18	4	3.7	0.030	0.047	0.81
644436	Drill Core	0.152	16	48	0.68	65	0.141	<20	1.47	0.030	0.03	>100	<0.01	3.2	<0.1	0.26	6	2.9	0.038	0.061	1.42
644437	Drill Core	0.121	13	36	0.90	228	0.065	<20	1.26	0.032	0.15	>100	<0.01	4.2	0.5	0.48	5	4.6	0.043	0.042	0.89
644438	Drill Core	0.082	13	24	0.85	170	0.030	<20	0.99	0.024	0.20	>100	<0.01	3.7	0.5	0.66	4	4.0	0.026	0.054	0.83
644439	Drill Core	0.088	13	34	1.54	85	0.085	<20	1.04	0.029	0.07	>100	<0.01	3.4	0.1	0.65	5	6.2	0.013	0.084	1.29
644440	Drill Core	0.122	14	27	0.75	72	0.095	<20	0.77	0.025	0.11	>100	<0.01	5.0	0.2	0.86	3	8.0	0.016	0.034	0.58
644441	Drill Core	0.088	12	29	0.59	61	0.062	<20	0.98	0.025	0.09	>100	<0.01	3.0	0.1	0.75	3	6.8	0.011	0.021	0.53
644442	Drill Core	0.083	13	17	0.80	130	0.008	<20	0.63	0.012	0.19	>100	<0.01	3.2	0.3	0.67	2	4.8	0.009	0.018	0.40
644443	Drill Core	0.100	17	25	0.87	267	0.014	<20	1.30	0.015	0.36	>100	<0.01	4.7	0.8	1.40	4	7.3	0.008	0.047	0.74
644444	Drill Core	0.180	12	10	0.33	76	0.002	<20	0.58	0.002	0.21	1.9	0.02	2.5	0.5	2.89	2	15.4	0.008	<0.005	0.42
RRE 644444	Drill Core	0.193	13	9	0.41	76	0.002	<20	0.74	0.002	0.22	2.4	0.02	2.8	0.6	2.89	2	16.0	0.007	<0.005	0.42
644445	Drill Core	0.247	14	27	0.93	91	0.007	<20	1.43	0.004	0.17	42.5	<0.01	3.6	0.4	2.11	4	11.7	0.012	0.005	0.46
644446	Drill Core	0.111	16	49	0.56	114	0.102	<20	0.94	0.022	0.09	>100	<0.01	3.3	0.1	0.72	4	6.1	0.012	0.040	0.67

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
643249	Drill Core	6.00	280.1	78.2	25.8	11	0.2	0.8	2.0	147	0.61	12.7	23.8	5.9	12.5	20	<0.1	0.5	1.9	<2	0.25
REP 643249	QC		275.1	78.7	25.5	11	0.2	0.9	1.9	145	0.62	13.1	25.1	4.4	12.7	21	<0.1	0.6	1.9	<2	0.25
643263	Rock Chip	0.40	1.9	3.5	1.5	<1	<0.1	0.2	0.5	148	0.10	0.8	0.1	<0.5	0.1	55	<0.1	<0.1	<0.1	2	20.97
REP 643263	QC																				
643264	Drill Core	5.40	518.2	35.3	52.0	6	0.1	1.7	1.7	206	0.45	47.1	24.0	16.2	15.9	33	0.6	1.6	33.1	<2	0.53
REP 643264	QC																				
643266	Drill Core	2.80	191.8	49.7	43.8	26	0.2	4.6	2.3	420	0.59	50.4	25.8	8.0	19.7	50	0.4	1.3	0.6	3	1.11
REP 643266	QC		196.2	50.6	43.5	27	0.2	5.2	2.3	423	0.60	49.0	25.8	9.0	18.8	50	0.4	1.4	0.6	4	1.13
643270	Drill Core	5.60	72.0	58.8	18.2	35	0.1	5.2	3.2	375	0.89	5.0	25.5	3.4	17.4	43	0.3	0.5	0.6	13	1.00
REP 643270	QC																				
643291	Drill Core	7.00	484.8	174.2	2.9	104	0.2	22.0	7.7	1140	2.17	0.7	3.4	5.1	5.3	37	1.0	<0.1	1.2	58	2.49
REP 643291	QC																				
643296	Rock Chip	0.50	0.2	2.7	1.6	<1	<0.1	1.9	0.8	129	0.10	0.8	0.1	<0.5	0.1	52	<0.1	<0.1	<0.1	<2	20.61
REP 643296	QC		0.6	2.8	1.6	<1	<0.1	2.2	0.6	125	0.08	0.6	0.1	0.7	0.1	49	<0.1	<0.1	<0.1	2	21.22
643303	Drill Core	6.10	267.7	34.0	16.1	7	0.1	1.9	1.2	63	0.49	1.0	15.5	2.3	8.8	7	0.2	0.2	2.8	<2	0.20
REP 643303	QC																				
643323	Drill Core	1.70	193.3	36.9	6.5	6	0.1	2.4	1.5	72	0.35	<0.5	26.4	6.3	17.4	29	<0.1	<0.1	0.7	<2	0.44
REP 643323	QC																				
643339	Drill Core	6.80	90.5	52.1	23.9	154	0.4	26.6	6.0	1531	1.91	6.4	4.1	4.9	3.5	82	2.2	0.4	17.5	115	6.02
REP 643339	QC		90.9	53.9	24.7	149	0.5	25.4	5.9	1568	1.93	6.6	4.3	5.5	3.6	84	2.4	0.4	17.3	118	6.16
643340	Drill Core	6.70	116.5	110.7	29.0	128	0.9	35.6	7.4	975	1.55	2.4	7.2	4.4	5.3	77	1.9	0.3	22.3	97	2.64
REP 643340	QC																				
643347	Drill Core	4.30	131.5	36.5	13.8	206	0.6	34.9	6.8	2529	2.35	0.7	4.9	5.0	3.8	112	2.4	0.4	13.5	153	7.23
REP 643347	QC																				
643375	Drill Core	5.70	450.7	175.4	10.8	255	0.4	59.4	7.8	2948	2.76	2.3	13.1	9.7	5.3	141	4.2	0.2	3.7	260	6.49
REP 643375	QC																				
644270	Drill Core	8.00	124.0	148.5	52.2	239	1.1	35.3	10.0	1213	2.04	1.4	3.1	2.4	4.3	105	3.2	0.2	5.0	81	3.19
REP 644270	QC																				

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
Pulp Duplicates																					
643249	Drill Core	0.006	4	8	<0.01	10	0.001	<20	0.19	0.038	0.11	>100	<0.01	1.4	0.1	0.37	<1	1.2	0.030	0.029	0.02
REP 643249	QC	0.006	4	7	<0.01	10	0.001	<20	0.18	0.039	0.11	>100	<0.01	1.4	<0.1	0.36	<1	0.9			
643263	Rock Chip	0.004	<1	2	11.97	1	<0.001	<20	0.02	0.030	0.02	1.7	<0.01	0.1	<0.1	<0.05	<1	0.6	<0.001	<0.005	0.02
REP 643263	QC																				0.01
643264	Drill Core	0.018	6	7	<0.01	13	0.001	<20	0.46	0.040	0.12	>100	0.03	2.1	0.4	0.38	1	2.7	0.058	0.015	0.02
REP 643264	QC																		0.057	0.017	
643266	Drill Core	0.010	7	10	0.13	30	0.002	<20	0.56	0.042	0.18	>100	0.05	2.8	0.4	0.34	2	2.0	0.021	0.031	0.10
REP 643266	QC	0.010	7	11	0.13	29	0.002	<20	0.56	0.041	0.18	>100	0.06	2.8	0.4	0.34	2	2.1			
643270	Drill Core	0.018	7	8	0.23	32	0.005	<20	0.71	0.042	0.13	87.6	0.03	3.3	0.2	0.37	3	2.7	0.008	0.012	0.09
REP 643270	QC																		0.007	0.011	
643291	Drill Core	0.124	16	32	0.57	39	0.108	<20	0.59	0.067	0.06	>100	<0.01	3.4	0.1	0.77	3	4.0	0.048	0.139	0.60
REP 643291	QC																				0.60
643296	Rock Chip	0.006	<1	1	10.72	1	<0.001	<20	0.02	0.026	0.02	0.6	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
REP 643296	QC	0.006	<1	2	11.16	1	<0.001	<20	0.02	0.026	0.02	0.6	<0.01	0.2	<0.1	<0.05	<1	<0.5			
643303	Drill Core	0.002	2	12	0.02	11	0.002	<20	0.16	0.052	0.09	>100	<0.01	0.6	<0.1	0.22	<1	0.6	0.032	0.024	<0.01
REP 643303	QC																				<0.01
643323	Drill Core	0.003	6	9	0.02	27	0.008	<20	0.19	0.049	0.09	>100	<0.01	2.1	<0.1	0.21	<1	1.3	0.027	0.042	0.10
REP 643323	QC																		0.025	0.042	
643339	Drill Core	0.112	15	36	0.30	50	0.077	<20	0.84	0.028	0.03	>100	<0.01	2.3	<0.1	0.66	3	1.9	0.012	0.106	0.95
REP 643339	QC	0.119	15	37	0.28	51	0.086	<20	0.90	0.029	0.03	>100	<0.01	2.4	<0.1	0.64	4	2.4			
643340	Drill Core	0.093	14	38	0.63	116	0.105	<20	0.72	0.100	0.17	>100	<0.01	3.9	0.5	0.70	3	6.5	0.017	0.152	0.94
REP 643340	QC																		0.017	0.154	
643347	Drill Core	0.120	17	51	0.51	46	0.099	<20	1.02	0.072	0.04	>100	<0.01	4.0	<0.1	0.55	5	1.4	0.017	0.223	1.56
REP 643347	QC																				
643375	Drill Core	0.163	22	54	0.48	50	0.101	<20	1.19	0.096	0.05	>100	<0.01	3.8	<0.1	0.73	6	3.5	0.048	0.216	1.09
REP 643375	QC																		0.048	0.224	
644270	Drill Core	0.127	13	32	0.67	67	0.126	<20	1.22	0.095	0.14	>100	<0.01	3.2	0.4	0.97	4	6.2	0.015	0.070	0.53
REP 644270	QC																		0.015	0.071	

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Project: Northern Dancer
Report Date: February 29, 2008

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		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
644278	Drill Core	6.80	58.4	18.5	3.6	77	<0.1	16.6	2.8	732	0.65	0.6	4.7	7.2	4.4	63	1.1	<0.1	4.7	107	4.33
REP 644278	QC																				
644290	Drill Core	6.60	176.6	200.1	25.6	239	0.8	36.8	9.5	3285	3.52	1.1	4.8	1.9	2.7	134	1.8	0.5	4.2	158	9.97
REP 644290	QC																				
644309	Drill Core	5.90	102.0	32.2	6.1	48	<0.1	11.6	4.3	227	0.92	0.8	3.3	1.0	6.0	10	0.3	<0.1	0.3	55	0.45
REP 644309	QC		99.0	34.6	6.2	50	<0.1	13.2	4.1	238	0.94	0.7	3.2	0.9	5.8	10	0.2	<0.1	0.3	57	0.48
644311	Drill Core	6.20	89.2	49.1	7.8	97	0.2	25.2	6.4	938	1.31	2.7	2.5	1.5	4.0	115	0.6	0.1	2.6	62	3.14
REP 644311	QC																				
644326	Drill Core	6.20	71.6	39.8	3.0	102	<0.1	17.0	4.8	1471	1.20	1.2	2.1	2.3	3.2	63	0.7	0.2	0.4	44	4.03
REP 644326	QC																				
644333	Drill Core	6.10	111.4	62.6	3.8	153	0.2	27.1	7.3	1728	2.37	1.2	2.7	4.7	3.7	65	1.2	0.3	2.7	71	3.90
REP 644333	QC		112.2	64.5	4.5	152	0.2	27.5	7.5	1923	2.57	1.3	3.0	6.1	3.9	68	1.4	0.3	3.0	78	4.29
644351	Rock Pulp	0.10	12.9	4232	3.8	52	1.9	100.7	67.4	624	25.75	5.3	2.1	456.9	2.0	54	0.2	0.3	818.3	9	2.94
REP 644351	QC		12.1	4107	3.7	50	1.9	109.2	63.6	633	24.05	5.8	2.1	469.2	2.1	55	0.2	0.3	855.8	7	2.88
644354	Drill Core	2.30	26.9	36.7	6.5	34	0.2	43.4	11.1	321	1.70	0.8	8.6	2.9	7.3	25	0.2	<0.1	1.9	52	0.95
REP 644354	QC																				
644381	Drill Core	6.60	133.7	86.2	16.2	55	0.3	22.9	10.1	399	2.28	0.7	0.7	6.8	1.9	33	0.3	0.1	10.4	68	1.01
REP 644381	QC																				
644382	Drill Core	3.20	141.4	85.4	142.3	395	2.2	20.7	9.1	2487	2.54	21.2	2.1	15.9	2.1	194	8.7	5.1	70.2	44	9.28
REP 644382	QC																				
644393	Drill Core	6.50	58.2	115.1	63.0	53	1.6	17.0	7.7	437	1.47	4.1	1.5	4.4	2.0	70	0.6	0.7	48.6	35	2.13
REP 644393	QC		57.7	119.1	62.5	54	1.8	17.3	8.0	458	1.50	4.5	2.8	4.0	2.3	74	0.7	0.9	47.7	38	2.16
644426	Drill Core	5.90	164.7	28.0	17.3	32	0.2	8.9	2.7	265	0.45	0.7	1.1	1.6	4.3	43	0.4	<0.1	9.8	20	1.23
REP 644426	QC																				
644430	Drill Core	7.30	58.1	27.9	57.0	277	0.7	15.8	4.5	1745	1.29	2.4	3.4	6.9	2.5	96	6.4	1.6	33.4	59	7.10
REP 644430	QC																				
644433	Drill Core	7.40	113.6	61.6	4.7	75	0.1	27.7	6.8	1024	1.33	<0.5	2.9	1.9	2.3	75	0.5	0.3	4.6	101	3.06
REP 644433	QC		114.2	61.4	4.9	76	0.1	27.2	6.9	1095	1.40	1.1	3.0	1.9	2.4	75	0.5	0.3	4.9	107	3.20
644438	Drill Core	7.30	214.8	84.6	22.5	92	0.6	32.4	9.1	1633	1.94	17.4	2.8	3.7	2.8	240	0.5	3.3	18.0	63	5.66

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Project: Northern Dancer

Report Date: February 29, 2008

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QUALITY CONTROL REPORT

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.001	0.005	0.01	
644278	Drill Core	0.182	16	24	0.04	39	0.100	<20	0.63	0.045	0.02	>100	<0.01	1.4	<0.1	0.11	3	1.7	0.006	0.016	0.24
REP 644278	QC																				0.28
644290	Drill Core	0.138	18	51	1.97	102	0.095	<20	1.08	0.042	0.08	>100	<0.01	4.0	0.2	1.01	6	2.2	0.020	0.712	2.28
REP 644290	QC																				
644309	Drill Core	0.067	10	29	0.86	159	0.078	<20	0.67	0.029	0.34	<0.1	<0.01	3.3	0.7	0.28	4	1.9	0.010	<0.005	0.23
REP 644309	QC	0.067	10	30	0.89	159	0.082	<20	0.70	0.031	0.37	12.3	<0.01	3.6	0.8	0.28	4	1.9			
644311	Drill Core	0.134	13	43	0.77	45	0.086	<20	1.30	0.081	0.05	>100	<0.01	3.2	0.1	0.24	5	3.3	0.009	0.079	0.56
REP 644311	QC																		0.009	0.077	
644326	Drill Core	0.129	15	29	0.27	34	0.074	<20	0.64	0.023	0.03	>100	0.01	1.9	<0.1	0.17	3	0.8	0.007	0.048	0.39
REP 644326	QC																				
644333	Drill Core	0.102	14	44	0.55	71	0.104	<20	0.78	0.093	0.11	>100	0.15	4.1	0.2	0.70	4	2.3	0.012	0.110	1.01
REP 644333	QC	0.103	15	49	0.57	73	0.124	<20	0.88	0.089	0.11	>100	0.15	4.3	0.2	0.73	4	2.5			
644351	Rock Pulp	0.043	8	19	1.00	15	0.014	<20	0.97	0.032	0.16	>100	0.23	0.6	0.2	>10	8	18.8	<0.001	1.064	0.14
REP 644351	QC	0.044	8	19	0.98	15	0.015	<20	0.95	0.033	0.16	>100	0.25	0.6	0.2	9.17	8	15.3			
644354	Drill Core	0.107	5	96	0.94	34	0.117	<20	1.07	0.079	0.23	17.1	<0.01	3.1	0.7	0.13	3	1.8	0.003	<0.005	0.27
REP 644354	QC																		0.003	<0.005	
644381	Drill Core	0.123	10	31	0.96	124	0.155	<20	0.96	0.053	0.42	30.1	<0.01	3.2	1.0	0.65	5	4.4	0.016	<0.005	0.35
REP 644381	QC																				
644382	Drill Core	0.126	15	22	0.80	96	0.088	80	1.29	0.043	0.18	>100	0.13	2.4	0.6	1.18	4	6.4	0.016	0.066	1.04
REP 644382	QC																		0.016	0.065	
644393	Drill Core	0.094	10	17	0.49	54	0.082	<20	0.83	0.065	0.17	>100	<0.01	2.2	0.4	0.56	3	4.4	0.006	0.019	0.46
REP 644393	QC	0.103	11	17	0.51	59	0.085	<20	0.84	0.068	0.17	>100	<0.01	2.4	0.4	0.58	3	5.0			
644426	Drill Core	0.081	12	16	0.24	49	0.093	<20	0.36	0.059	0.06	>100	<0.01	1.2	<0.1	0.08	1	1.3	0.020	0.016	0.23
REP 644426	QC																				
644430	Drill Core	0.133	14	35	0.39	15	0.070	38	1.42	0.011	<0.01	>100	<0.01	1.9	<0.1	0.13	5	2.2	0.007	0.059	1.07
REP 644430	QC																		0.006	0.060	
644433	Drill Core	0.080	10	37	0.48	50	0.111	<20	0.74	0.059	0.05	>100	<0.01	2.7	<0.1	0.24	3	2.5	0.013	0.047	0.78
REP 644433	QC	0.079	11	39	0.49	51	0.122	<20	0.77	0.055	0.05	>100	<0.01	2.8	<0.1	0.24	3	3.0			
644438	Drill Core	0.082	13	24	0.85	170	0.030	<20	0.99	0.024	0.20	>100	<0.01	3.7	0.5	0.66	4	4.0	0.026	0.054	0.83

QUALITY CONTROL REPORT

SMI08000465.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.001	0.005	0.01	
STD DS7	Standard	0.086	12	228	1.07	422	0.117	35	1.04	0.101	0.49	3.3	0.22	2.3	4.4	0.20	5	3.3			
STD DS7	Standard	0.071	11	178	0.96	379	0.098	32	0.90	0.085	0.43	3.8	0.20	1.9	4.0	0.18	5	4.0			
STD DS7	Standard	0.072	11	189	0.97	385	0.102	31	0.94	0.094	0.44	3.7	0.18	2.0	3.9	0.18	4	3.7			
STD DS7	Standard	0.065	10	176	0.92	340	0.106	35	0.87	0.075	0.38	3.3	0.17	2.0	3.9	0.17	4	2.9			
STD DS7	Standard	0.064	11	181	0.94	347	0.111	35	0.92	0.080	0.40	3.0	0.17	2.2	3.6	0.18	4	4.1			
STD DS7	Standard	0.078	13	213	1.08	415	0.121	43	1.05	0.095	0.46	3.7	0.20	2.3	4.2	0.20	5	4.2			
STD DS7	Standard	0.080	13	207	1.03	391	0.112	46	1.00	0.098	0.46	3.5	0.21	2.2	4.4	0.19	5	3.5			
STD DS7	Standard	0.080	12	201	1.04	382	0.116	40	1.03	0.095	0.44	3.6	0.23	2.3	4.2	0.19	5	3.9			
STD DS7	Standard	0.076	11	191	0.99	371	0.112	33	0.98	0.090	0.42	3.6	0.20	2.2	4.1	0.19	4	3.7			
STD DS7	Standard	0.074	11	179	0.96	357	0.094	32	0.91	0.087	0.43	3.6	0.18	1.8	4.0	0.18	5	4.3			
STD DS7	Standard	0.083	11	190	1.04	388	0.101	32	0.97	0.097	0.47	3.6	0.20	2.2	4.1	0.19	5	4.3			
STD DS7	Standard	0.072	11	187	0.99	360	0.118	43	0.94	0.088	0.39	3.5	0.18	2.0	3.7	0.18	4	3.5			
STD DS7	Standard	0.070	12	190	0.99	358	0.116	32	0.92	0.087	0.42	3.5	0.19	2.0	3.8	0.18	4	4.6			
STD DS7	Standard	0.073	10	172	0.90	359	0.100	36	0.85	0.081	0.41	3.4	0.19	2.0	3.8	0.17	4	3.1			
STD DS7	Standard	0.067	11	162	0.90	338	0.098	38	0.87	0.082	0.39	3.1	0.16	2.1	3.7	0.18	4	3.5			
STD KP-1	Standard																		0.227	0.743	
STD KP-1	Standard																		0.225	0.741	
STD KP-1	Standard																		0.229	0.748	
STD KP-1	Standard																		0.227	0.750	
STD KP-1	Standard																		0.222	0.738	
STD KP-1	Standard																		0.224	0.741	
STD KP-1	Standard																		0.219	0.705	
STD KP-1	Standard																		0.216	0.719	
STD KP-1	Standard																		0.227	0.733	
STD KP-1	Standard																		0.226	0.765	
STD KP-1	Standard																		0.215	0.730	
STD KP-1	Standard																		0.216	0.733	
STD KP-1	Standard																		0.219	0.722	
STD KP-1	Standard																		0.215	0.726	

QUALITY CONTROL REPORT

SMI08000465.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01
STD KP-1	Standard																		0.226	0.767	
STD KP-1	Standard																		0.225	0.768	
STD KP-1	Standard																		0.221	0.752	
STD KP-1	Standard																		0.223	0.749	
STD KP-1	Standard																		0.222	0.658	
STD KP-1	Standard																		0.232	0.708	
STD KP-1	Standard																		0.219	0.746	
STD KP-1	Standard																		0.219	0.757	
STD KP-1 Expected																			0.22	0.74	
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5			
LIBF200 Expected																					0.1
STD C3 Expected																					0
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	0.8	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank																		<0.001	<0.005	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			

QUALITY CONTROL REPORT

SMI08000465.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank																					
BLK	Blank																					
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BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	<0.01	1.1	3.1	2.8	45	<0.1	9.3	4.4	498	1.77	<0.5	1.8	1.4	3.6	56	<0.1	<0.1	<0.1	35	0.44	

QUALITY CONTROL REPORT

SMI08000465.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
BLK	Blank																			<0.001	<0.005	
BLK	Blank																			<0.001	<0.005	
BLK	Blank																			<0.001	<0.005	
BLK	Blank																			<0.001	<0.005	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5				
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																				<0.01	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	0.081	7	111	0.55	199	0.117	<20	1.07	0.083	0.52	0.1	<0.01	1.6	0.3	<0.05	4	<0.5	<0.001	<0.005	0.06	



ACME ANALYTICAL LABORATORIES LTD.
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Client: **Largo Resources Ltd.**

65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Submitted By: Farshid Ghazanfari
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.
 Received: December 17, 2007
 Report Date: February 29, 2008
 Page: 1 of 7

CERTIFICATE OF ANALYSIS

SMI08000466.1

CLIENT JOB INFORMATION

Project: Northern Dancer
 Shipment ID: 07ND57
 P.O. Number: ACME FILE: A718864
 Number of Samples: 169

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
 STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

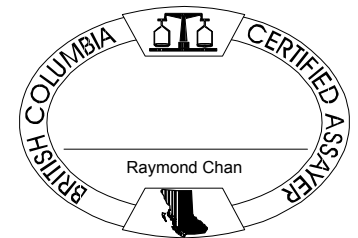
Invoice To: Largo Resources Ltd.
 65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5
 Canada

CC: R. A. Campbell

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	159	Crush, split & pulverize drill core to 150 mesh		
1DX	169	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
7KP	169	Phosphoric acid leach, ICP-ES analysis	0.5	Completed
8-Fluorine	169	NaOH fusion, analysis by specific ion electrode	0.1	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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65 Queen St. West, Suite 820
 P.O. Box 71
 Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: February 29, 2008

Page: 2 of 7 Part 1

CERTIFICATE OF ANALYSIS

SMI08000466.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644605	Drill Core	4.80	336.8	32.1	15.2	40	0.3	5.5	2.5	659	0.90	3.0	19.4	4.1	22.2	27	<0.1	0.5	5.8	23	1.31
644606	Drill Core	3.00	105.9	31.0	30.6	46	0.4	6.0	1.7	85	0.65	5.4	20.0	12.2	24.3	7	0.1	0.7	16.4	4	0.11
644607	Drill Core	5.30	174.5	77.8	15.6	7	0.3	1.3	0.9	80	0.86	2.7	22.4	3.0	25.4	3	<0.1	0.4	4.1	<2	0.29
644608	Drill Core	5.60	202.2	39.4	19.4	9	0.2	1.3	0.9	63	0.51	4.9	19.3	3.4	24.0	2	<0.1	0.5	6.8	<2	0.07
644609	Drill Core	5.20	156.5	39.7	18.1	12	0.2	1.5	0.9	125	0.60	5.4	34.7	3.1	27.2	3	<0.1	0.8	6.4	<2	0.05
644610	Drill Core	5.10	258.8	35.5	16.5	9	0.3	1.2	0.9	114	0.80	11.3	31.2	4.8	29.8	2	<0.1	1.0	6.3	3	0.05
644611	Drill Core	5.30	131.7	36.8	17.7	9	0.2	0.9	0.7	104	0.65	5.8	38.2	1.3	33.2	2	<0.1	0.7	8.0	<2	0.04
644612	Drill Core	3.90	43.6	24.4	18.2	13	0.1	1.2	1.3	95	0.57	35.8	24.6	3.9	29.7	4	<0.1	1.2	2.3	<2	0.05
644613	Drill Core	2.50	241.0	38.0	28.0	10	0.2	1.1	1.9	65	0.72	58.9	22.9	4.3	34.8	4	<0.1	1.9	12.4	<2	0.06
644614	Drill Core	2.70	242.8	45.3	25.1	10	0.2	1.2	2.4	76	0.70	51.7	25.4	3.0	33.2	4	<0.1	2.2	4.1	<2	0.09
644615	Rock Pulp	0.20	15.4	4239	4.6	50	2.3	110.5	74.0	674	25.36	5.5	2.5	510.6	2.5	61	0.3	0.4	978.2	7	3.20
644616	Rock Chip	0.40	0.4	2.1	1.6	<1	<0.1	1.2	0.4	128	0.09	0.9	0.1	<0.5	0.2	54	<0.1	<0.1	<0.1	<2	18.16
644617	Drill Core	4.80	250.1	54.6	74.6	19	1.4	1.1	1.2	39	0.80	24.3	25.2	4.0	32.5	2	<0.1	1.9	70.0	<2	0.04
RRE 644617	Drill Core		250.6	59.5	44.0	6	0.5	0.8	0.7	31	0.62	17.8	24.3	2.4	28.5	2	<0.1	0.9	15.3	<2	0.04
644618	Drill Core	6.20	48.2	16.5	32.8	4	1.5	1.3	1.0	30	0.61	22.1	15.2	3.8	14.5	5	<0.1	1.4	41.2	<2	0.04
644619	Drill Core	6.70	197.9	34.0	62.4	15	1.6	1.1	1.3	116	0.55	18.5	24.1	3.2	27.4	6	<0.1	3.1	52.9	<2	0.17
644620	Drill Core	5.40	114.1	49.8	15.6	8	0.2	0.9	1.0	76	0.60	2.5	33.8	5.3	34.3	2	<0.1	0.3	5.6	<2	0.16
644621	Drill Core	6.00	150.2	46.6	19.5	8	0.2	1.0	1.0	137	0.72	3.0	32.5	6.1	31.3	3	<0.1	0.4	17.9	<2	0.18
644622	Drill Core	6.30	271.5	43.5	16.1	9	0.1	1.0	1.1	152	0.62	0.5	39.1	7.9	36.7	3	<0.1	0.2	12.5	<2	0.23
644623	Drill Core	6.30	403.8	43.3	10.3	7	0.1	0.6	1.0	111	0.56	<0.5	31.5	7.5	33.9	3	<0.1	0.1	2.7	<2	0.16
644624	Drill Core	7.00	542.8	63.6	68.9	7	1.0	1.2	1.2	98	0.80	1.9	25.2	2.8	28.7	6	<0.1	0.4	57.1	<2	0.25
644625	Drill Core	5.40	556.9	174.7	6.8	159	0.4	15.3	6.8	4495	3.06	1.7	5.4	6.9	3.7	161	1.5	0.3	2.0	52	7.02
644626	Drill Core	7.60	342.0	87.4	16.3	127	0.4	14.3	5.5	5141	3.18	1.2	4.9	3.2	2.8	103	0.7	0.2	2.6	56	8.13
644627	Drill Core	7.00	436.2	132.3	33.3	131	0.6	19.0	8.4	2571	2.61	1.4	2.8	5.6	2.7	125	1.4	0.4	5.4	71	5.74
644628	Drill Core	6.40	125.7	67.6	105.1	178	1.7	16.6	5.0	2057	1.71	1.1	3.9	2.9	5.3	174	2.5	0.3	6.8	63	5.04
644629	Drill Core	6.30	126.4	33.3	35.1	120	0.6	15.0	3.9	1851	1.19	1.2	3.8	3.0	2.9	287	1.6	0.4	3.7	57	7.30
644630	Drill Core	5.60	152.4	28.1	60.6	235	0.7	19.7	6.2	4580	2.98	2.6	6.4	3.3	3.0	168	2.6	0.8	4.0	78	10.69
644631	Drill Core	5.90	809.4	15.9	34.4	178	0.8	14.1	5.8	5507	2.91	3.3	10.2	5.5	5.0	233	1.0	2.2	5.3	55	10.41
644632	Drill Core	6.00	348.9	181.1	25.3	157	0.9	18.9	6.1	2925	2.45	12.3	4.6	4.1	2.5	353	2.0	2.2	7.1	59	7.25
644633	Drill Core	6.70	274.3	128.4	11.6	113	0.4	17.4	6.4	3545	2.59	1.5	9.9	7.8	8.4	203	0.6	0.3	4.6	55	7.24



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000466.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
644605	Drill Core	0.034	9	14	0.23	22	0.052	<20	0.50	0.043	0.14	>100	<0.01	1.9	0.3	0.07	2	<0.5	0.041	0.038	0.32
644606	Drill Core	0.009	6	11	0.06	13	0.012	<20	0.26	0.034	0.12	>100	<0.01	0.9	0.2	<0.05	1	0.8	0.013	0.097	0.04
644607	Drill Core	0.003	13	9	0.02	5	0.004	<20	0.33	0.072	0.18	>100	<0.01	1.6	0.2	0.37	2	0.8	0.021	0.152	0.26
644608	Drill Core	0.002	6	7	0.01	5	0.003	<20	0.21	0.030	0.11	>100	<0.01	1.1	0.2	0.06	<1	0.8	0.025	0.061	0.05
644609	Drill Core	0.003	9	9	0.03	4	0.005	<20	0.22	0.029	0.12	>100	<0.01	2.2	0.2	0.16	1	0.6	0.019	0.133	0.04
644610	Drill Core	0.005	11	7	0.04	2	0.008	<20	0.27	0.031	0.11	>100	<0.01	2.8	0.2	<0.05	2	0.6	0.029	0.057	0.04
644611	Drill Core	0.002	11	8	0.02	3	0.008	<20	0.23	0.036	0.12	>100	<0.01	1.8	0.1	0.19	1	0.7	0.016	0.028	0.03
644612	Drill Core	0.002	12	7	0.02	3	0.002	<20	0.29	0.031	0.10	79.1	<0.01	1.3	0.1	0.09	1	<0.5	0.005	0.013	0.05
644613	Drill Core	0.002	9	5	0.01	3	0.002	<20	0.31	0.032	0.10	>100	0.02	1.4	0.1	<0.05	1	1.0	0.026	0.044	0.02
644614	Drill Core	0.002	9	5	0.01	3	0.002	<20	0.32	0.032	0.10	>100	0.04	1.4	0.1	0.06	<1	<0.5	0.025	0.061	0.02
644615	Rock Pulp	0.041	10	21	1.02	15	0.019	<20	0.98	0.032	0.15	>100	<0.01	0.8	0.2	9.73	9	15.0	0.001	1.054	0.16
644616	Rock Chip	0.003	<1	1	12.03	1	<0.001	<20	0.02	0.019	0.01	0.2	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
644617	Drill Core	0.003	6	7	0.02	4	0.002	<20	0.21	0.030	0.10	>100	0.03	1.4	0.1	0.25	<1	1.2	0.032	0.063	0.03
RRE 644617	Drill Core	0.003	5	7	0.01	2	0.002	<20	0.21	0.027	0.09	>100	<0.01	1.3	0.1	0.17	<1	0.6	0.027	0.039	0.03
644618	Drill Core	0.013	8	11	<0.01	4	<0.001	<20	0.12	0.024	0.09	>100	0.01	0.5	<0.1	0.15	<1	0.6	0.005	0.047	0.04
644619	Drill Core	0.002	9	7	0.01	5	0.002	<20	0.28	0.034	0.12	>100	0.03	1.4	0.2	0.20	<1	0.7	0.025	0.104	0.12
644620	Drill Core	0.002	11	7	0.02	3	0.003	<20	0.19	0.032	0.12	>100	0.01	1.5	0.1	0.27	<1	0.8	0.013	0.069	0.12
644621	Drill Core	0.002	17	9	0.02	3	0.004	<20	0.23	0.039	0.12	>100	<0.01	2.0	0.2	0.29	<1	0.7	0.018	0.030	0.13
644622	Drill Core	0.002	17	10	0.03	3	0.010	<20	0.21	0.042	0.12	>100	<0.01	2.0	0.1	0.27	1	<0.5	0.029	0.029	0.13
644623	Drill Core	0.002	14	10	0.03	2	0.008	<20	0.19	0.038	0.13	>100	0.01	1.7	0.1	0.25	<1	0.6	0.044	0.019	0.12
644624	Drill Core	0.003	10	9	0.03	7	0.005	<20	0.24	0.041	0.12	>100	<0.01	1.6	0.2	0.57	<1	2.5	0.060	0.114	0.18
644625	Drill Core	0.116	17	32	0.89	31	0.100	<20	0.87	0.068	0.04	>100	0.04	3.8	0.2	0.67	5	1.3	0.060	0.265	1.69
644626	Drill Core	0.132	17	33	0.85	23	0.076	<20	1.12	0.034	0.09	>100	0.03	3.5	0.5	0.27	7	0.8	0.035	0.161	1.76
644627	Drill Core	0.119	15	45	0.86	71	0.146	<20	1.14	0.178	0.16	>100	<0.01	4.9	0.4	0.76	5	3.3	0.051	0.202	1.58
644628	Drill Core	0.100	15	31	0.59	97	0.109	<20	1.18	0.180	0.10	>100	0.05	4.8	0.2	0.44	5	1.5	0.018	0.073	1.54
644629	Drill Core	0.153	16	28	0.46	135	0.087	<20	1.31	0.082	0.07	>100	<0.01	2.6	0.1	0.19	4	0.6	0.016	0.112	1.20
644630	Drill Core	0.152	21	51	0.95	56	0.090	<20	1.24	0.046	0.05	>100	0.02	3.2	0.1	0.20	6	0.9	0.016	0.091	2.26
644631	Drill Core	0.103	17	31	0.87	100	0.073	43	1.71	0.118	0.15	>100	0.05	3.6	0.5	0.15	8	1.7	0.086	0.112	2.40
644632	Drill Core	0.111	16	33	0.63	265	0.090	<20	1.69	0.226	0.22	>100	0.02	4.1	0.5	1.05	6	2.5	0.038	0.065	1.33
644633	Drill Core	0.121	19	38	0.76	36	0.087	<20	0.90	0.083	0.04	>100	<0.01	3.8	<0.1	0.57	4	1.1	0.033	0.160	1.96

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644634	Drill Core	7.80	190.0	13.0	12.4	93	0.2	11.3	4.6	5177	3.42	1.4	7.7	3.6	3.5	95	0.6	0.3	1.6	60	9.70
644635	Drill Core	5.40	804.1	30.4	7.0	25	<0.1	3.9	1.2	609	0.60	0.7	21.6	7.7	27.5	42	<0.1	<0.1	1.3	12	1.30
644636	Drill Core	5.80	290.3	93.8	15.9	71	0.4	7.9	2.9	1746	1.53	0.7	22.4	7.8	25.2	135	0.4	0.1	5.3	27	3.64
644637	Drill Core	5.60	190.0	78.0	9.3	101	0.3	5.4	2.6	1118	1.10	<0.5	24.0	7.4	26.1	59	1.6	0.1	1.4	14	1.97
644638	Drill Core	4.20	139.3	54.8	18.4	73	0.3	16.5	3.4	708	0.98	0.6	10.8	5.7	11.8	46	0.3	0.1	2.3	54	2.00
644639	Drill Core	5.80	147.2	86.5	31.2	144	0.6	28.2	4.9	1018	1.45	1.0	3.7	3.9	4.1	79	1.9	0.2	2.9	85	2.61
644640	Drill Core	7.50	341.9	92.0	25.7	196	0.6	19.1	4.6	2041	1.87	0.8	4.5	3.8	4.3	161	3.3	0.2	5.3	74	4.09
644641	Drill Core	4.20	64.4	31.9	21.3	44	0.3	4.6	1.2	506	0.65	<0.5	33.6	10.5	28.1	26	0.8	<0.1	2.0	14	1.16
644642	Drill Core	8.30	229.7	107.9	29.1	138	0.6	33.5	7.9	3441	3.04	1.4	5.9	5.0	3.1	93	1.3	0.2	1.9	174	5.62
644643	Drill Core	6.90	239.2	86.1	44.0	216	0.6	56.2	7.5	3139	2.62	1.8	8.4	6.2	4.4	100	2.5	0.2	3.5	283	5.28
644644	Drill Core	6.50	310.7	76.4	36.5	115	0.7	45.4	6.0	2125	2.11	2.1	14.9	4.5	13.1	264	1.0	0.3	4.7	254	5.85
644645	Drill Core	6.50	180.9	65.8	10.8	107	0.2	23.0	3.0	1559	1.33	0.8	46.9	14.2	18.5	120	0.5	<0.1	2.8	110	3.00
644646	Drill Core	3.20	349.0	68.2	10.0	164	0.3	24.0	6.0	2618	2.10	1.3	6.3	4.7	3.9	212	1.3	0.1	4.1	109	6.23
644647	Drill Core	3.30	358.5	101.7	16.8	144	0.4	24.9	5.6	2256	2.08	1.2	6.0	5.5	3.9	151	1.3	0.1	4.7	116	5.10
644648	Rock Pulp	0.10	649.7	115.9	9.6	81	0.2	15.9	6.1	621	2.33	2.2	2.3	2.4	5.1	143	0.2	0.3	0.6	29	1.26
644649	Rock Chip	0.30	1.5	3.0	1.7	2	<0.1	<0.1	0.5	151	0.12	1.0	0.1	<0.5	0.2	58	<0.1	<0.1	<0.1	2	21.37
644650	Drill Core	6.40	211.1	132.6	91.1	226	1.3	24.1	8.2	3373	3.03	1.6	3.4	6.1	3.1	214	3.5	0.2	5.1	92	7.03
644651	Drill Core	6.80	330.4	63.7	16.3	144	0.3	28.0	5.9	1800	1.89	1.2	3.4	4.3	3.6	95	2.0	0.1	2.1	116	4.87
644652	Drill Core	6.60	236.6	76.2	26.8	95	0.5	23.6	5.9	1163	1.63	1.6	3.2	3.3	4.0	109	1.1	0.2	9.9	90	3.29
644653	Drill Core	7.40	174.3	87.7	22.4	118	0.5	24.5	5.9	1625	1.82	1.1	3.0	3.6	2.9	73	1.3	0.1	1.8	91	3.76
RRE 644653	Drill Core		162.1	83.6	22.7	134	0.4	24.7	5.9	1589	1.76	1.1	3.6	2.9	3.2	71	1.7	0.1	1.9	91	3.79
644654	Drill Core	6.60	170.9	81.7	6.8	106	0.2	23.8	6.0	1946	2.04	1.1	4.0	4.3	4.3	65	0.6	0.2	3.7	101	4.22
644655	Drill Core	5.70	201.0	53.8	2.9	73	<0.1	19.3	5.1	1528	1.68	0.7	3.3	4.5	4.5	82	0.1	<0.1	0.9	81	3.24
644656	Drill Core	6.30	322.0	67.5	4.0	68	<0.1	21.5	4.7	1542	1.68	0.6	2.9	5.4	3.5	56	0.1	<0.1	0.8	92	2.73
644657	Drill Core	6.60	104.3	63.6	12.1	89	0.3	18.3	5.1	1617	1.71	0.9	3.0	4.5	4.0	99	0.4	0.1	6.9	63	3.27
644658	Drill Core	5.90	184.3	56.4	7.7	77	0.2	22.2	5.9	1260	1.56	0.6	2.9	4.7	4.2	78	0.3	0.2	4.4	69	3.28
644659	Drill Core	6.80	215.7	63.6	7.1	77	0.1	20.5	6.1	752	1.31	0.8	2.8	3.9	3.7	64	0.5	0.1	6.6	55	2.64
644660	Drill Core	6.70	307.3	57.0	3.5	66	<0.1	18.3	5.1	591	1.13	1.1	2.2	2.2	3.7	49	0.3	0.1	1.9	44	2.31
644661	Drill Core	6.30	124.5	49.8	4.0	81	<0.1	15.5	4.6	692	1.06	0.6	2.4	2.5	3.6	58	0.5	<0.1	1.9	42	2.47
644662	Drill Core	6.60	81.9	51.9	5.3	137	<0.1	19.1	5.3	1030	1.37	<0.5	2.5	5.6	5.1	56	0.7	<0.1	1.7	49	2.99



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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine % 0.01	
644634	Drill Core	0.147	18	37	0.52	12	0.067	<20	1.09	0.027	0.01	>100	0.06	2.3	<0.1	0.07	6	0.6	0.022	0.155	1.87
644635	Drill Core	0.025	19	15	0.14	31	0.047	<20	0.60	0.232	0.18	>100	0.01	2.2	0.2	0.19	2	1.6	0.088	0.043	0.62
644636	Drill Core	0.059	18	17	0.41	86	0.048	<20	1.38	0.424	0.31	>100	0.02	4.5	0.7	0.33	5	0.8	0.034	0.099	1.75
644637	Drill Core	0.031	19	14	0.20	40	0.035	<20	0.70	0.241	0.21	>100	0.03	2.3	0.3	0.40	3	<0.5	0.021	0.097	0.91
644638	Drill Core	0.034	14	24	0.40	45	0.083	<20	0.45	0.126	0.08	>100	0.03	3.0	0.2	0.26	2	1.5	0.016	0.034	0.70
644639	Drill Core	0.052	15	39	0.60	92	0.128	<20	0.75	0.216	0.12	>100	<0.01	4.0	0.3	0.51	3	2.5	0.018	0.049	1.09
644640	Drill Core	0.079	15	34	0.58	152	0.110	<20	1.41	0.335	0.16	>100	0.02	4.0	0.4	0.52	5	0.9	0.037	0.117	1.56
644641	Drill Core	0.018	14	13	0.11	30	0.032	<20	0.67	0.245	0.28	>100	<0.01	2.5	0.3	0.22	3	<0.5	0.009	0.034	0.60
644642	Drill Core	0.129	16	62	1.11	91	0.138	<20	1.12	0.129	0.12	>100	0.01	4.9	0.3	0.78	6	1.5	0.026	0.116	1.66
644643	Drill Core	0.179	18	90	0.55	72	0.136	<20	1.06	0.186	0.06	>100	0.03	5.2	0.2	0.60	5	1.6	0.027	0.198	1.74
644644	Drill Core	0.153	19	78	0.45	269	0.127	<20	2.08	0.372	0.21	>100	<0.01	4.7	0.3	0.57	7	2.0	0.035	0.108	1.73
644645	Drill Core	0.068	17	36	0.27	145	0.074	<20	1.36	0.447	0.25	>100	0.02	3.5	0.3	0.35	4	1.1	0.022	0.088	1.38
644646	Drill Core	0.166	16	44	0.65	167	0.117	<20	1.87	0.445	0.11	>100	<0.01	3.5	0.2	0.48	6	1.5	0.040	0.143	2.33
644647	Drill Core	0.189	18	51	0.63	75	0.129	<20	1.40	0.311	0.05	>100	<0.01	3.7	<0.1	0.64	5	1.5	0.045	0.148	1.84
644648	Rock Pulp	0.081	18	20	0.48	128	0.020	<20	0.79	0.044	0.30	0.5	<0.01	3.0	0.2	0.30	3	0.5	0.067	<0.005	0.15
644649	Rock Chip	0.007	<1	2	12.30	1	<0.001	<20	0.03	0.023	0.02	1.8	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
644650	Drill Core	0.111	17	45	1.30	255	0.172	<20	1.83	0.473	0.23	>100	<0.01	5.2	0.5	0.93	8	3.0	0.023	0.156	2.28
644651	Drill Core	0.124	19	54	0.55	60	0.132	<20	0.85	0.122	0.05	>100	<0.01	3.5	<0.1	0.49	4	1.9	0.034	0.100	1.04
644652	Drill Core	0.090	14	37	0.60	190	0.124	<20	1.25	0.225	0.16	>100	<0.01	3.1	0.3	0.56	5	2.1	0.026	0.061	0.92
644653	Drill Core	0.093	13	33	0.92	60	0.124	<20	0.66	0.066	0.05	>100	<0.01	2.8	<0.1	0.47	3	2.7	0.019	0.074	0.85
RRE 644653	Drill Core	0.092	13	34	0.96	57	0.123	<20	0.63	0.070	0.05	>100	<0.01	2.8	<0.1	0.47	3	2.6	0.020	0.070	0.89
644654	Drill Core	0.115	20	41	0.66	25	0.147	<20	0.70	0.074	0.03	>100	<0.01	3.1	<0.1	0.49	3	2.4	0.017	0.094	0.73
644655	Drill Core	0.109	22	39	0.60	33	0.138	<20	0.66	0.061	0.04	>100	<0.01	2.8	<0.1	0.38	4	1.3	0.020	0.099	0.75
644656	Drill Core	0.086	14	34	0.89	33	0.134	<20	0.58	0.053	0.04	>100	<0.01	3.3	<0.1	0.46	4	2.0	0.033	0.106	0.60
644657	Drill Core	0.108	17	37	0.77	86	0.135	<20	0.80	0.107	0.10	>100	<0.01	3.4	0.2	0.48	4	1.4	0.012	0.087	0.82
644658	Drill Core	0.112	17	40	0.69	60	0.138	<20	0.71	0.085	0.07	>100	<0.01	3.6	<0.1	0.37	4	2.0	0.021	0.139	0.76
644659	Drill Core	0.102	16	32	0.41	49	0.107	<20	0.62	0.059	0.04	>100	<0.01	2.3	<0.1	0.43	3	3.5	0.024	0.084	0.54
644660	Drill Core	0.088	13	31	0.59	45	0.094	<20	0.74	0.028	0.05	>100	<0.01	2.3	<0.1	0.38	4	2.6	0.034	0.053	0.40
644661	Drill Core	0.109	14	26	0.41	28	0.088	<20	0.59	0.042	0.03	>100	<0.01	1.7	<0.1	0.25	3	1.6	0.014	0.065	0.46
644662	Drill Core	0.102	18	31	0.78	32	0.132	<20	0.73	0.042	0.04	>100	<0.01	2.7	<0.1	0.31	4	1.6	0.010	0.036	0.64



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000466.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644663	Drill Core	6.40	127.8	37.2	3.5	123	<0.1	19.7	4.8	1132	1.21	0.7	3.1	2.5	4.7	63	0.3	0.1	1.0	62	3.23
644664	Drill Core	6.40	224.6	54.1	4.0	166	<0.1	19.3	5.0	1410	1.60	0.8	4.4	3.8	5.5	74	1.1	0.1	2.6	89	5.34
644665	Drill Core	6.70	183.8	58.7	4.6	139	<0.1	38.1	7.0	1914	1.89	1.3	4.9	3.8	5.0	75	1.1	0.2	1.3	120	4.27
644666	Drill Core	6.00	234.0	56.4	3.0	144	<0.1	16.2	5.6	2182	2.01	<0.5	4.1	4.0	4.3	52	0.2	<0.1	0.5	60	5.08
644667	Drill Core	7.10	130.5	103.9	9.6	131	0.2	31.5	9.2	2133	2.60	2.1	4.5	3.1	4.9	111	0.6	0.2	5.7	103	5.15
644668	Drill Core	4.90	136.1	86.3	6.0	104	0.1	31.8	7.6	902	1.73	3.7	2.8	4.0	4.3	139	0.4	0.5	2.2	75	3.32
644669	Drill Core	5.50	117.8	76.6	5.6	101	<0.1	29.2	7.5	1000	1.59	4.3	2.1	1.4	3.2	131	0.5	0.5	1.5	72	5.30
644670	Drill Core	6.40	116.4	87.9	3.6	96	<0.1	24.0	6.5	874	1.57	1.3	2.7	3.2	4.7	78	0.4	0.2	1.2	60	2.99
644671	Drill Core	6.60	99.6	65.9	5.7	94	0.1	19.8	6.0	839	1.38	1.0	2.8	3.0	5.1	96	0.6	0.2	2.8	53	3.52
644672	Drill Core	6.00	303.7	63.2	3.0	61	<0.1	20.4	5.4	500	1.16	<0.5	2.4	2.8	5.0	55	0.2	<0.1	0.8	45	1.81
644673	Drill Core	6.70	303.8	63.6	4.0	69	<0.1	18.0	5.3	602	1.20	0.7	5.6	4.4	8.3	62	<0.1	0.1	1.6	44	2.55
644674	Drill Core	6.90	138.4	46.7	3.7	88	<0.1	18.3	5.7	720	1.24	1.3	2.9	2.4	5.7	59	0.3	0.1	1.4	63	2.31
644675	Drill Core	6.40	266.8	76.4	4.3	80	<0.1	21.4	6.7	1101	1.58	1.7	2.6	<0.5	6.1	65	0.4	0.3	0.5	57	3.62
644676	Drill Core	6.90	468.7	51.5	2.8	86	<0.1	14.8	5.5	1330	1.62	1.2	2.6	2.0	5.1	83	0.4	0.3	0.5	58	3.38
644677	Drill Core	6.60	66.2	53.2	5.3	145	0.1	17.4	5.7	1023	1.41	1.4	3.0	<0.5	5.2	139	1.0	0.4	2.5	76	3.62
644678	Drill Core	6.40	172.7	47.0	4.8	78	<0.1	19.1	4.8	634	1.06	1.7	3.2	<0.5	5.1	149	0.7	0.5	1.5	63	3.12
644679	Drill Core	4.20	102.6	110.1	20.3	102	0.9	19.4	5.7	1059	1.46	1.8	3.4	2.5	4.9	242	0.6	0.6	20.4	69	4.09
644680	Drill Core	4.20	124.5	58.3	10.7	92	0.2	15.1	4.7	970	1.23	1.2	3.2	2.3	4.5	205	0.5	0.7	10.3	61	3.79
644681	Rock Pulp	0.10	12.7	4628	4.1	56	1.9	108.5	76.1	706	26.18	5.7	2.5	448.0	2.6	54	0.2	0.2	855.4	3	3.28
644682	Rock Chip	0.40	0.4	2.7	1.8	<1	<0.1	2.7	0.7	139	0.10	1.1	<0.1	<0.5	0.1	55	<0.1	<0.1	<0.1	9	20.87
644683	Drill Core	3.90	159.2	58.7	125.8	95	8.4	19.8	6.3	2222	2.12	2.6	1.9	3.3	4.0	79	0.8	0.3	122.5	68	4.47
644684	Drill Core	5.40	226.0	69.5	15.0	88	0.8	21.8	7.7	2472	2.30	2.8	2.9	2.9	4.7	64	0.3	0.6	9.0	72	3.80
644685	Drill Core	6.40	341.4	70.4	15.3	65	0.7	25.6	6.2	1592	1.51	2.5	3.0	1.5	5.7	69	0.5	0.3	4.9	57	2.52
644686	Drill Core	6.40	239.6	53.8	8.2	85	0.5	18.3	5.7	1741	1.80	2.0	2.5	2.0	5.3	113	0.3	0.4	4.2	67	3.44
RRE 644686	Drill Core		237.8	57.4	7.4	80	0.4	18.0	6.7	1580	1.72	1.8	2.7	1.5	4.8	94	0.3	0.4	3.0	63	3.13
644687	Drill Core	5.80	473.4	70.8	73.5	60	3.7	22.4	8.1	1368	1.84	3.3	1.9	3.1	4.6	158	0.4	0.4	57.2	54	3.41
644688	Drill Core	6.20	257.7	55.4	8.6	52	0.2	23.6	5.5	777	1.34	2.4	2.3	<0.5	5.4	45	<0.1	0.2	4.4	62	2.01
644689	Drill Core	5.30	200.1	162.1	36.9	110	1.4	20.7	6.8	2088	2.07	1.6	2.7	3.9	5.4	68	0.4	0.4	36.6	79	3.89
644690	Drill Core	6.70	158.4	73.7	14.8	83	0.4	19.7	4.8	1004	1.27	1.3	2.2	<0.5	4.7	78	1.0	0.3	15.4	51	2.52
644691	Drill Core	6.20	186.8	93.0	14.9	100	0.4	23.2	6.0	1161	1.71	1.9	2.4	1.6	4.3	48	0.9	0.4	7.2	57	2.26



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000466.1

Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine F % 0.01	
644663	Drill Core	0.108	17	33	0.66	30	0.114	<20	0.67	0.044	0.03	>100	<0.01	2.3	<0.1	0.25	4	1.3	0.015	0.048	0.61
644664	Drill Core	0.144	22	44	0.70	31	0.139	<20	1.08	0.054	0.02	>100	<0.01	2.5	<0.1	0.29	5	1.2	0.025	0.094	0.75
644665	Drill Core	0.126	19	51	0.58	29	0.145	<20	0.99	0.034	0.02	>100	<0.01	2.8	<0.1	0.36	5	2.9	0.021	0.067	0.62
644666	Drill Core	0.078	14	25	1.50	23	0.105	<20	0.61	0.057	0.03	>100	<0.01	2.2	<0.1	0.40	4	1.3	0.028	0.096	0.82
644667	Drill Core	0.109	18	44	1.12	63	0.130	<20	1.23	0.055	0.04	>100	<0.01	3.8	<0.1	0.73	6	3.1	0.015	0.082	1.00
644668	Drill Core	0.098	17	42	0.77	123	0.069	<20	1.37	0.035	0.08	>100	<0.01	3.1	0.3	0.58	5	3.5	0.016	0.029	0.39
644669	Drill Core	0.068	12	36	0.71	55	0.066	<20	2.47	0.028	0.03	55.7	0.05	3.2	0.2	0.59	8	3.5	0.015	0.010	0.49
644670	Drill Core	0.086	16	34	0.84	54	0.127	<20	0.84	0.047	0.04	>100	<0.01	2.7	<0.1	0.54	4	2.9	0.014	0.053	0.58
644671	Drill Core	0.098	17	31	0.76	72	0.116	<20	1.11	0.105	0.08	>100	<0.01	2.6	0.1	0.40	5	2.4	0.011	0.050	0.89
644672	Drill Core	0.095	16	26	0.63	36	0.113	<20	0.62	0.039	0.06	>100	<0.01	1.9	<0.1	0.46	3	2.3	0.035	0.024	0.44
644673	Drill Core	0.092	19	31	0.80	36	0.144	<20	0.77	0.055	0.06	>100	<0.01	2.4	<0.1	0.41	4	1.9	0.034	0.040	0.56
644674	Drill Core	0.100	19	28	0.62	50	0.145	<20	0.72	0.054	0.08	>100	<0.01	2.3	<0.1	0.35	4	3.1	0.017	0.058	0.44
644675	Drill Core	0.061	15	27	1.16	34	0.099	<20	1.04	0.026	0.05	>100	<0.01	2.2	<0.1	0.49	6	3.8	0.029	0.067	0.37
644676	Drill Core	0.077	19	28	1.00	64	0.139	<20	0.77	0.055	0.07	>100	<0.01	2.4	<0.1	0.41	4	3.8	0.051	0.070	0.63
644677	Drill Core	0.117	19	35	0.59	46	0.146	<20	0.95	0.049	0.06	>100	<0.01	2.6	<0.1	0.33	5	2.1	0.008	0.043	0.55
644678	Drill Core	0.093	18	33	0.56	58	0.112	<20	0.98	0.044	0.05	>100	<0.01	2.3	<0.1	0.27	5	2.2	0.021	0.030	0.35
644679	Drill Core	0.100	18	39	0.66	55	0.113	<20	1.27	0.056	0.04	>100	<0.01	2.5	<0.1	0.38	5	2.8	0.011	0.068	0.51
644680	Drill Core	0.103	17	33	0.54	57	0.100	<20	1.22	0.060	0.03	>100	<0.01	2.2	<0.1	0.32	4	1.5	0.016	0.083	0.49
644681	Rock Pulp	0.046	9	21	1.05	14	0.024	<20	1.00	0.035	0.16	>100	<0.01	0.6	0.2	>10	9	18.5	<0.001	1.065	0.17
644682	Rock Chip	0.005	<1	2	11.64	2	<0.001	<20	0.03	0.020	0.02	1.3	<0.01	0.2	<0.1	<0.05	<1	0.6	<0.001	0.005	0.03
644683	Drill Core	0.090	16	35	1.27	83	0.080	<20	1.35	0.019	0.16	>100	<0.01	3.8	0.5	0.86	6	4.4	0.018	0.111	0.40
644684	Drill Core	0.082	18	36	1.49	154	0.135	<20	1.36	0.047	0.39	>100	<0.01	4.4	1.1	0.77	7	3.0	0.026	0.102	0.67
644685	Drill Core	0.070	18	36	0.90	96	0.057	<20	1.29	0.025	0.26	>100	<0.01	3.5	0.9	0.55	6	3.2	0.037	0.033	0.29
644686	Drill Core	0.098	18	31	1.04	158	0.142	<20	1.13	0.051	0.35	>100	<0.01	3.7	1.2	0.49	5	4.1	0.026	0.057	0.60
RRE 644686	Drill Core	0.107	18	32	1.02	162	0.142	<20	1.11	0.050	0.34	>100	<0.01	3.6	1.1	0.51	6	2.9	0.027	0.054	0.53
644687	Drill Core	0.139	18	30	0.79	120	0.109	<20	1.39	0.046	0.23	>100	<0.01	3.4	0.6	0.84	6	5.8	0.050	0.044	0.38
644688	Drill Core	0.076	17	33	0.75	57	0.078	<20	0.79	0.026	0.12	>100	<0.01	3.0	0.2	0.52	5	3.6	0.030	0.021	0.26
644689	Drill Core	0.087	19	42	1.23	145	0.131	<20	1.29	0.067	0.31	>100	<0.01	4.3	1.1	0.54	7	3.3	0.020	0.121	0.83
644690	Drill Core	0.061	15	28	0.82	142	0.124	<20	0.99	0.052	0.24	>100	<0.01	2.6	0.7	0.40	5	3.3	0.019	0.134	0.46
644691	Drill Core	0.107	15	32	0.70	76	0.122	<20	0.67	0.042	0.12	>100	<0.01	2.8	0.3	0.67	3	4.8	0.021	0.058	0.33

CERTIFICATE OF ANALYSIS

SMI08000466.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644692	Drill Core	6.10	220.4	198.0	11.1	77	0.6	24.5	8.9	1459	2.70	4.1	2.0	1.7	3.8	46	0.2	0.3	4.0	72	2.12
644693	Drill Core	6.60	224.9	126.4	4.4	61	0.2	26.1	7.9	1069	2.00	1.6	2.6	1.8	3.9	41	0.3	0.2	1.6	53	1.70
644694	Drill Core	6.00	208.8	85.5	3.9	66	0.1	16.4	5.5	1369	1.69	1.0	5.5	4.2	6.5	44	0.2	0.4	1.4	39	2.40
644695	Drill Core	7.30	170.2	75.9	2.4	104	<0.1	19.6	5.4	2546	2.17	1.3	2.6	1.3	3.7	61	0.2	0.4	0.5	47	3.42
644696	Drill Core	5.80	243.0	68.2	51.4	209	1.0	21.8	7.0	2735	2.38	2.4	3.4	3.1	4.5	71	2.3	0.6	2.8	76	3.62
644697	Drill Core	6.60	153.1	57.0	4.4	115	0.1	33.7	6.6	1340	1.59	2.2	4.3	<0.5	5.1	75	0.9	0.3	1.2	160	3.23
644698	Drill Core	4.20	278.0	42.0	16.1	131	0.4	47.1	11.1	2992	3.06	3.0	5.3	5.2	4.9	143	0.6	0.5	3.2	203	6.93
644699	Drill Core	9.00	106.5	54.1	3.6	117	<0.1	33.3	6.2	1004	1.50	1.4	6.2	1.8	6.7	81	1.2	0.2	1.7	173	3.59
644700	Drill Core	5.60	164.0	105.1	3.6	61	0.1	26.3	6.8	969	1.69	0.6	5.1	<0.5	5.1	55	0.2	<0.1	1.0	67	2.40
644701	Drill Core	6.00	193.9	93.3	10.5	145	0.2	38.2	6.5	952	1.78	0.9	4.3	9.3	5.0	62	1.6	<0.1	8.4	171	3.26
644702	Drill Core	6.20	173.4	78.8	3.9	85	0.1	16.3	4.4	1657	1.74	1.1	10.3	4.6	11.1	40	0.2	0.1	0.5	61	3.18
644703	Drill Core	5.10	196.3	71.3	4.1	55	<0.1	21.7	4.9	921	1.36	1.2	5.1	2.7	7.3	55	0.3	0.1	0.7	60	2.49
644704	Drill Core	5.40	280.4	50.3	4.3	110	<0.1	19.4	5.1	1041	1.41	0.6	3.9	3.1	4.4	138	1.2	0.1	3.4	92	4.47
644705	Drill Core	6.30	207.9	88.0	2.8	84	0.1	34.5	6.6	814	1.63	<0.5	3.6	3.2	5.7	34	0.6	<0.1	1.3	125	2.36
644706	Drill Core	6.40	137.8	84.2	3.0	111	<0.1	29.0	6.2	825	1.64	<0.5	4.5	1.9	4.8	65	1.0	<0.1	2.0	148	3.17
644707	Drill Core	5.40	189.3	91.9	3.3	117	0.1	29.5	7.0	1511	2.10	1.5	5.2	3.0	4.5	54	0.8	<0.1	10.5	118	3.58
644708	Drill Core	6.50	292.4	75.7	73.4	179	0.6	20.8	5.9	1777	2.04	<0.5	4.5	3.6	4.1	61	1.7	0.2	8.1	64	4.49
644709	Drill Core	6.30	813.2	58.8	10.3	113	0.1	18.5	5.2	1967	1.90	0.8	2.3	5.5	2.6	38	1.3	0.1	0.7	54	4.25
644710	Drill Core	6.00	109.2	60.7	1.3	70	<0.1	22.3	4.6	555	1.11	0.6	3.1	5.4	3.5	34	0.5	<0.1	1.6	53	1.86
644711	Drill Core	6.30	300.0	82.3	2.0	42	<0.1	15.4	5.5	548	1.17	0.7	2.2	2.9	3.0	32	0.6	<0.1	0.6	37	1.55
644712	Drill Core	2.40	237.6	81.4	2.4	35	<0.1	13.7	5.9	312	1.29	<0.5	1.5	3.0	3.3	27	0.4	<0.1	0.6	38	0.96
644713	Drill Core	3.10	254.7	81.7	2.3	40	<0.1	14.5	6.1	337	1.35	0.7	1.7	3.0	3.7	25	0.5	<0.1	0.6	41	0.98
644714	Rock Pulp	0.10	554.9	104.2	8.2	71	0.1	13.4	5.4	554	2.04	2.2	1.9	2.2	4.0	124	0.7	0.2	0.6	21	1.10
644715	Rock Chip	0.30	0.9	2.3	1.4	<1	<0.1	0.3	0.7	138	0.11	1.3	<0.1	<0.5	0.1	59	<0.1	<0.1	<0.1	<2	19.49
644716	Drill Core	6.10	344.0	51.7	2.6	26	<0.1	17.4	3.7	204	0.70	0.6	1.9	1.7	4.4	76	0.5	<0.1	0.4	32	0.83
644717	Drill Core	6.20	116.3	47.8	1.8	41	<0.1	14.8	4.0	318	0.86	<0.5	1.9	4.2	3.6	26	0.3	<0.1	4.6	37	1.17
644718	Drill Core	6.40	121.0	66.0	2.1	78	<0.1	24.4	5.3	1006	1.46	1.1	4.0	3.1	3.7	49	0.6	<0.1	2.4	154	3.16
644719	Drill Core	6.40	133.5	71.4	2.0	93	<0.1	36.5	6.7	1165	1.54	0.7	3.4	2.5	3.7	89	0.6	<0.1	1.6	155	3.61
RRE 644719	Drill Core		152.0	76.9	1.9	91	<0.1	39.3	6.2	1261	1.63	<0.5	3.6	2.0	3.9	93	0.6	<0.1	2.3	173	3.71
644720	Drill Core	5.60	442.1	77.9	2.2	33	<0.1	27.7	4.9	349	1.06	0.5	2.3	1.3	3.1	35	0.5	<0.1	0.4	44	1.12



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
644692	Drill Core	0.117	15	33	0.69	58	0.150	<20	0.83	0.042	0.11	>100	<0.01	4.1	0.2	1.27	5	6.9	0.025	0.046	0.43
644693	Drill Core	0.112	16	24	0.44	40	0.145	<20	0.50	0.045	0.06	>100	<0.01	2.5	<0.1	0.91	3	7.0	0.026	0.092	0.30
644694	Drill Core	0.094	13	21	0.57	30	0.117	<20	0.65	0.038	0.04	>100	<0.01	2.8	<0.1	0.61	4	3.8	0.023	0.058	0.34
644695	Drill Core	0.092	14	24	0.95	10	0.112	<20	0.43	0.050	0.02	>100	<0.01	1.9	<0.1	0.49	3	2.7	0.018	0.076	0.43
644696	Drill Core	0.161	17	36	0.62	39	0.125	<20	0.83	0.035	0.08	>100	<0.01	2.8	0.3	0.73	5	4.3	0.026	0.172	0.54
644697	Drill Core	0.161	20	61	0.46	74	0.131	<20	0.70	0.040	0.05	>100	<0.01	3.1	0.1	0.39	4	4.8	0.017	0.034	0.45
644698	Drill Core	0.148	19	83	0.79	173	0.060	<20	1.94	0.021	0.33	>100	<0.01	3.7	0.8	1.19	8	3.3	0.030	0.070	0.77
644699	Drill Core	0.135	19	63	0.44	57	0.122	<20	0.71	0.029	0.04	>100	<0.01	3.1	<0.1	0.29	4	3.7	0.012	0.032	0.47
644700	Drill Core	0.081	15	32	0.82	34	0.148	<20	0.64	0.039	0.05	>100	<0.01	2.7	<0.1	0.74	3	6.8	0.017	0.038	0.45
644701	Drill Core	0.122	18	70	0.61	38	0.153	<20	0.62	0.075	0.04	>100	<0.01	3.7	<0.1	0.58	3	5.1	0.020	0.075	0.74
644702	Drill Core	0.061	16	24	1.07	18	0.104	<20	0.48	0.052	0.05	>100	<0.01	2.4	<0.1	0.47	3	2.4	0.019	0.066	0.55
644703	Drill Core	0.112	19	33	0.53	50	0.154	<20	0.81	0.077	0.07	>100	<0.01	2.7	<0.1	0.44	4	2.7	0.023	0.037	0.53
644704	Drill Core	0.108	17	37	0.42	87	0.118	<20	1.26	0.105	0.05	>100	<0.01	2.5	<0.1	0.28	5	1.1	0.032	0.068	0.73
644705	Drill Core	0.134	20	50	0.67	55	0.170	<20	0.45	0.056	0.12	>100	<0.01	3.2	0.2	0.55	3	4.8	0.025	0.061	0.56
644706	Drill Core	0.161	18	53	0.43	44	0.143	<20	0.63	0.063	0.03	>100	<0.01	3.0	<0.1	0.45	3	3.0	0.014	0.042	0.69
644707	Drill Core	0.159	19	51	0.57	54	0.148	<20	0.66	0.085	0.06	>100	<0.01	3.5	<0.1	0.58	4	4.5	0.025	0.090	0.80
644708	Drill Core	0.128	16	37	1.37	61	0.150	<20	0.69	0.080	0.09	>100	<0.01	3.1	0.2	0.49	3	1.3	0.034	0.104	0.97
644709	Drill Core	0.106	13	26	1.62	105	0.096	<20	0.54	0.071	0.16	>100	<0.01	2.6	0.3	0.42	3	2.3	0.103	0.165	1.01
644710	Drill Core	0.135	15	28	0.42	38	0.097	<20	0.32	0.063	0.05	>100	<0.01	2.0	<0.1	0.40	2	2.9	0.014	0.065	0.48
644711	Drill Core	0.126	13	16	0.34	32	0.092	<20	0.56	0.078	0.06	>100	<0.01	1.5	<0.1	0.56	2	3.4	0.036	0.086	0.42
644712	Drill Core	0.108	13	16	0.48	82	0.109	<20	0.40	0.057	0.18	>100	<0.01	2.2	0.4	0.64	2	3.3	0.030	0.024	0.36
644713	Drill Core	0.111	13	18	0.52	83	0.119	<20	0.39	0.061	0.20	>100	<0.01	2.4	0.4	0.63	2	3.7	0.032	0.024	0.34
644714	Rock Pulp	0.072	16	16	0.41	121	0.015	<20	0.68	0.040	0.27	0.9	<0.01	2.3	0.2	0.25	3	<0.5	0.068	<0.005	0.11
644715	Rock Chip	0.005	<1	2	11.11	2	<0.001	<20	0.03	0.025	0.02	0.6	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
644716	Drill Core	0.071	14	19	0.31	56	0.100	<20	0.37	0.058	0.07	>100	<0.01	1.2	<0.1	0.38	2	2.5	0.042	0.027	0.22
644717	Drill Core	0.114	15	18	0.35	55	0.112	<20	0.33	0.053	0.11	>100	<0.01	1.3	0.2	0.36	2	3.0	0.016	0.029	0.26
644718	Drill Core	0.119	17	35	0.30	50	0.110	<20	0.67	0.054	0.04	>100	<0.01	2.2	<0.1	0.40	3	3.1	0.016	0.069	0.64
644719	Drill Core	0.109	16	42	0.37	43	0.108	<20	0.74	0.062	0.02	>100	<0.01	2.7	<0.1	0.44	3	2.8	0.017	0.081	0.79
RRE 644719	Drill Core	0.106	17	43	0.40	47	0.118	<20	0.78	0.067	0.02	>100	<0.01	2.9	<0.1	0.44	3	2.8	0.019	0.077	0.81
644720	Drill Core	0.110	14	26	0.32	52	0.094	<20	0.34	0.048	0.08	>100	<0.01	1.5	0.1	0.53	2	5.1	0.055	0.025	0.32



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644721	Drill Core	6.80	246.7	144.4	2.7	133	0.1	28.5	7.2	2269	2.55	1.2	3.8	4.9	3.8	60	0.6	0.1	0.9	150	5.65
644722	Drill Core	8.90	420.1	134.6	17.6	143	0.4	21.4	9.0	2767	2.89	1.7	3.5	3.2	2.5	68	1.0	0.3	1.2	99	6.50
644723	Drill Core	7.00	223.5	69.8	10.1	43	0.2	21.2	5.9	374	1.14	2.0	1.9	2.2	3.7	25	0.4	0.1	2.1	63	0.92
644724	Drill Core	5.70	144.5	84.6	2.8	63	0.1	26.3	5.6	472	1.12	1.1	2.1	0.7	2.9	85	0.7	<0.1	1.0	46	1.78
644725	Drill Core	5.90	604.0	79.5	3.7	79	<0.1	25.2	5.4	744	1.35	0.6	6.6	3.1	6.3	103	0.9	0.1	0.6	49	2.38
644726	Drill Core	6.20	288.4	85.3	4.1	77	0.1	29.0	5.7	761	1.30	0.8	3.1	4.0	3.5	72	1.0	0.1	1.2	56	2.12
644727	Drill Core	5.80	384.2	71.4	6.2	52	0.2	29.9	5.3	506	1.00	1.1	2.9	1.7	3.1	150	0.7	0.2	0.9	47	2.25
644728	Drill Core	6.40	213.8	85.0	4.6	69	0.2	35.2	6.3	709	1.44	0.6	2.7	2.4	3.2	59	0.7	0.2	3.7	65	1.92
644729	Drill Core	6.40	730.5	93.0	12.2	64	0.3	43.8	5.8	578	1.18	1.4	2.7	3.6	3.7	45	1.2	0.3	3.9	65	1.58
644730	Drill Core	6.70	487.2	154.0	40.9	103	1.1	48.5	8.0	745	1.58	4.4	2.5	2.4	4.0	63	1.7	0.5	21.3	69	2.36
644731	Drill Core	6.00	257.8	107.1	6.9	104	0.2	53.0	8.0	1027	1.66	1.8	3.0	2.6	4.0	65	1.2	0.3	1.1	130	3.01
644732	Drill Core	8.50	295.4	127.0	19.8	139	0.5	41.5	9.1	1668	2.37	5.2	10.0	4.8	4.0	136	1.4	0.4	3.2	187	4.70
644733	Drill Core	3.30	269.1	77.8	17.5	9	0.2	2.5	1.8	161	0.62	2.5	35.9	7.2	30.0	18	0.2	0.2	5.5	<2	0.46
644734	Drill Core	5.60	100.8	25.1	21.5	3	0.1	0.7	4.2	107	0.97	0.8	28.8	7.5	29.5	12	<0.1	0.1	141.3	<2	0.33
644735	Drill Core	5.60	125.5	48.3	16.4	5	0.1	0.6	2.0	122	0.62	0.8	33.1	2.5	33.4	7	0.1	0.2	33.4	<2	0.23
644736	Drill Core	6.90	177.3	27.8	20.8	4	0.1	0.5	0.8	118	0.44	0.7	31.1	4.2	25.1	7	0.2	0.5	107.3	<2	0.12
644737	Drill Core	4.50	56.1	27.0	14.1	8	<0.1	0.7	0.9	225	0.53	0.6	33.3	9.5	29.7	5	<0.1	0.1	1.3	<2	0.16
644738	Drill Core	5.90	74.0	21.1	13.3	5	<0.1	0.5	0.8	155	0.44	0.6	27.4	2.5	25.9	4	<0.1	0.2	36.6	<2	0.11
644739	Drill Core	5.90	1458	49.2	10.1	5	0.1	1.0	1.9	124	0.59	0.7	17.5	5.5	16.7	6	0.9	0.1	1.8	<2	0.37
644740	Drill Core	5.90	>2000	20.8	6.6	36	0.1	1.7	2.1	623	0.77	1.0	11.2	6.1	12.4	4	2.9	<0.1	2.6	<2	0.22
644741	Drill Core	5.40	486.3	68.0	17.1	13	0.1	0.7	2.1	176	0.82	13.3	27.8	5.3	24.2	11	0.5	0.2	2.2	<2	0.32
644742	Drill Core	5.50	120.4	24.9	14.1	7	<0.1	0.8	1.1	193	0.51	2.6	29.3	5.3	29.3	10	<0.1	0.2	0.5	<2	0.19
644743	Drill Core	5.10	182.4	50.4	29.4	8	0.1	0.8	1.6	148	0.57	2.5	38.1	1.9	27.2	43	<0.1	0.4	16.9	<2	0.62
644744	Drill Core	5.20	289.4	47.0	41.6	6	0.3	0.7	1.4	109	0.74	0.5	36.0	4.3	29.4	12	0.2	0.1	158.5	<2	0.16
644745	Drill Core	2.30	150.4	40.4	12.9	13	0.2	0.9	1.7	249	0.88	<0.5	36.0	3.3	51.3	9	0.2	<0.1	1.7	3	0.14
644746	Drill Core	2.30	138.9	43.7	12.1	14	0.2	0.9	1.7	257	0.91	<0.5	33.5	3.4	50.5	7	0.1	<0.1	2.1	3	0.13
644747	Rock Pulp	0.10	13.1	4327	3.3	51	2.1	107.9	72.1	686	26.12	4.6	1.8	465.6	1.8	61	0.2	0.3	788.1	7	3.38
644748	Rock Chip	0.40	0.5	2.1	1.4	<1	<0.1	1.3	0.8	145	0.10	<0.5	0.1	<0.5	0.1	58	<0.1	<0.1	<0.1	<2	22.73
644749	Drill Core	4.90	70.0	43.4	14.4	6	0.1	0.7	2.3	159	0.58	1.8	34.5	1.9	32.1	45	<0.1	0.1	0.8	<2	0.59
644750	Drill Core	5.40	196.2	51.2	17.1	8	0.1	0.9	3.3	176	0.63	6.8	35.7	7.1	31.0	15	0.3	0.2	0.5	<2	0.25



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Method Analyte Unit MDL	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX TI ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7KP Mo % 0.001	7KP W % 0.005	Fluorine F % 0.01	
644721	Drill Core	0.128	21	51	1.12	46	0.118	<20	0.79	0.091	0.05	>100	<0.01	3.4	<0.1	0.73	4	2.1	0.033	0.244	1.35
644722	Drill Core	0.126	14	30	1.69	138	0.076	<20	0.84	0.059	0.11	>100	<0.01	2.3	0.2	0.89	5	3.8	0.056	0.195	1.37
644723	Drill Core	0.090	14	33	0.83	206	0.102	<20	0.68	0.036	0.36	94.4	<0.01	3.2	0.7	0.48	3	3.6	0.029	0.018	0.43
644724	Drill Core	0.114	13	28	0.40	68	0.080	<20	0.84	0.064	0.07	>100	<0.01	1.8	0.1	0.52	3	6.1	0.018	0.037	0.40
644725	Drill Core	0.108	14	29	0.36	268	0.066	<20	0.69	0.045	0.10	>100	<0.01	2.8	0.1	0.54	3	3.7	0.079	0.076	0.54
644726	Drill Core	0.088	14	35	0.37	45	0.086	<20	0.60	0.081	0.04	>100	<0.01	2.7	<0.1	0.53	2	4.3	0.034	0.104	0.55
644727	Drill Core	0.086	13	25	0.26	107	0.073	<20	1.05	0.118	0.04	>100	<0.01	1.7	<0.1	0.48	3	4.0	0.047	0.062	0.54
644728	Drill Core	0.080	14	36	0.38	66	0.092	<20	0.62	0.062	0.05	>100	<0.01	2.8	<0.1	0.80	3	4.6	0.027	0.100	0.57
644729	Drill Core	0.091	17	34	0.37	59	0.095	<20	0.57	0.051	0.04	>100	<0.01	2.4	0.2	0.60	2	6.7	0.087	0.053	0.44
644730	Drill Core	0.090	20	40	0.48	132	0.052	<20	0.83	0.021	0.11	>100	<0.01	3.8	0.2	0.82	3	7.1	0.058	0.089	0.48
644731	Drill Core	0.107	19	42	0.41	49	0.095	<20	0.78	0.033	0.05	>100	<0.01	3.0	<0.1	0.67	4	6.0	0.032	0.078	0.50
644732	Drill Core	0.102	19	46	0.59	193	0.088	<20	1.19	0.031	0.19	>100	<0.01	4.1	0.4	0.88	6	4.9	0.037	0.231	0.76
644733	Drill Core	0.004	17	5	0.05	19	0.006	<20	0.34	0.053	0.14	>100	<0.01	1.6	0.2	0.48	1	0.7	0.034	0.022	0.07
644734	Drill Core	0.002	14	4	0.01	7	0.003	<20	0.25	0.037	0.13	>100	<0.01	1.3	0.1	0.95	<1	1.1	0.014	0.072	0.07
644735	Drill Core	0.002	22	3	0.02	2	0.004	<20	0.17	0.037	0.13	>100	<0.01	1.3	0.1	0.53	<1	<0.5	0.018	0.080	0.05
644736	Drill Core	0.001	17	4	0.02	1	0.005	<20	0.14	0.034	0.11	>100	<0.01	1.5	0.1	0.23	<1	0.6	0.024	0.024	0.06
644737	Drill Core	0.003	18	4	0.03	1	0.006	<20	0.17	0.042	0.12	62.6	<0.01	1.6	0.1	0.25	<1	<0.5	0.008	0.011	0.05
644738	Drill Core	0.001	14	4	0.02	<1	0.006	<20	0.14	0.033	0.10	>100	<0.01	1.1	<0.1	0.19	<1	0.6	0.010	0.020	0.04
644739	Drill Core	0.002	19	7	0.03	1	0.004	<20	0.17	0.028	0.11	>100	<0.01	1.6	0.1	0.48	<1	0.9	0.180	0.047	0.08
644740	Drill Core	0.002	20	8	0.47	2	0.051	<20	0.46	0.045	0.50	>100	<0.01	8.6	0.8	0.47	3	1.4	0.594	0.019	0.25
644741	Drill Core	0.003	32	5	0.03	5	0.003	<20	0.25	0.046	0.13	>100	<0.01	1.9	0.1	0.64	1	1.5	0.064	0.026	0.04
644742	Drill Core	0.002	20	5	0.02	4	0.005	<20	0.26	0.061	0.14	60.7	<0.01	1.9	0.2	0.24	1	0.5	0.016	0.009	0.04
644743	Drill Core	0.003	30	3	0.04	5	0.005	<20	0.65	0.030	0.10	>100	<0.01	2.0	0.2	0.31	2	0.9	0.024	0.017	0.08
644744	Drill Core	0.002	14	5	0.03	2	0.006	<20	0.20	0.036	0.09	>100	<0.01	1.6	0.1	0.41	1	1.0	0.033	0.019	0.04
644745	Drill Core	0.004	21	5	0.08	2	0.015	<20	0.24	0.045	0.15	>100	<0.01	2.5	0.2	0.30	2	<0.5	0.016	0.041	0.07
644746	Drill Core	0.004	20	4	0.08	1	0.016	<20	0.23	0.041	0.14	>100	<0.01	2.3	0.2	0.31	2	0.7	0.015	0.039	0.06
644747	Rock Pulp	0.048	9	21	1.04	15	0.021	<20	0.95	0.039	0.15	>100	<0.01	0.7	0.2	8.72	9	13.8	<0.001	1.014	0.13
644748	Rock Chip	0.006	<1	2	11.66	<1	<0.001	<20	0.03	0.022	0.02	0.8	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.03
644749	Drill Core	0.002	17	5	0.04	5	0.005	<20	0.63	0.032	0.10	94.9	<0.01	1.9	0.1	0.27	2	0.5	0.008	0.013	0.04
644750	Drill Core	0.001	18	4	0.03	2	0.003	<20	0.29	0.039	0.09	>100	<0.01	1.8	0.1	0.31	1	0.5	<0.001	<0.005	0.03



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Project: Northern Dancer
 Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000466.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
644751	Drill Core	5.80	150.0	39.4	34.6	7	0.2	0.6	1.7	154	0.64	2.7	35.4	6.9	30.5	21	0.1	0.2	92.2	<2	0.22
644752	Drill Core	5.40	222.1	34.3	15.0	6	0.1	0.8	1.7	138	0.60	2.0	36.4	2.9	30.0	8	0.2	0.2	2.0	<2	0.17
644753	Drill Core	4.90	148.1	35.8	69.1	8	0.1	0.6	1.2	192	0.62	4.6	31.2	<0.5	32.5	11	0.2	0.5	125.7	<2	0.30
644754	Drill Core	6.70	427.8	73.0	77.5	21	0.2	0.9	2.2	359	1.17	3.6	33.1	3.6	40.1	11	0.2	0.2	139.8	2	0.29
644755	Drill Core	4.80	234.1	55.7	16.0	12	0.1	0.8	2.0	309	0.92	7.4	39.6	3.0	42.9	11	0.2	0.2	0.9	<2	0.39
644756	Drill Core	5.40	208.7	63.1	15.6	24	0.1	1.5	4.6	435	1.18	6.6	38.0	3.3	51.5	11	0.3	0.2	2.7	3	0.36
644757	Drill Core	5.80	759.7	90.9	26.0	16	0.2	0.7	3.3	321	1.14	4.5	56.7	3.5	56.3	10	0.5	0.3	7.2	<2	0.31
644758	Drill Core	5.90	773.8	80.0	14.4	10	0.2	0.8	2.5	215	0.88	3.5	33.0	2.8	34.7	8	0.7	0.2	1.3	<2	0.29
644759	Drill Core	5.90	541.0	42.0	16.2	8	0.1	0.8	1.8	213	0.61	4.4	49.9	5.2	27.6	9	0.4	0.3	0.9	<2	0.42
644760	Drill Core	5.80	343.1	53.3	18.3	10	0.1	1.0	1.5	172	0.62	2.5	22.8	1.0	13.3	3	0.2	0.2	42.6	<2	0.14
644761	Drill Core	5.90	385.8	28.9	15.7	9	0.3	0.9	1.2	111	0.62	2.0	39.9	3.1	25.0	3	0.4	0.1	4.1	<2	0.12
644762	Drill Core	4.90	65.1	23.6	13.4	8	0.2	0.7	0.8	161	0.63	1.6	53.8	3.2	25.2	5	0.1	0.2	5.9	<2	0.21
644763	Drill Core	5.20	298.1	25.9	10.1	9	0.1	0.8	0.9	166	0.66	2.1	32.8	2.1	22.6	3	0.3	<0.1	0.7	<2	0.12
644764	Drill Core	6.30	246.5	25.6	14.6	7	<0.1	0.6	1.0	140	0.58	1.9	44.2	1.3	28.8	4	0.1	0.1	1.7	<2	0.17
644765	Drill Core	5.90	264.7	31.8	12.5	10	<0.1	1.0	1.8	131	0.56	2.6	39.8	1.6	22.4	5	0.2	0.3	0.7	<2	0.14
644766	Drill Core	6.40	666.4	37.3	14.1	8	0.1	0.7	1.8	167	0.62	5.8	41.4	2.6	25.7	18	0.4	0.7	1.3	<2	0.17
644767	Drill Core	5.40	667.9	20.2	15.9	3	<0.1	1.0	1.1	39	0.25	1.5	11.3	1.0	2.5	4	0.5	0.2	0.6	<2	0.05
RRE 644767	Drill Core		742.2	19.8	16.9	2	<0.1	1.0	1.1	40	0.23	1.7	13.6	0.9	2.8	2	0.4	0.2	1.3	<2	0.06
644768	Drill Core	3.40	230.5	23.3	13.0	3	<0.1	0.9	0.9	70	0.32	1.7	25.2	1.1	7.2	8	0.3	0.1	0.3	<2	0.08



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Project: Northern Dancer

Report Date: February 29, 2008

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CERTIFICATE OF ANALYSIS

SMI08000466.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
644751	Drill Core	0.002	17	6	0.03	3	0.004	<20	0.34	0.035	0.10	49.0	<0.01	1.8	0.1	0.31	1	1.3	0.015	0.006	0.03
644752	Drill Core	0.001	17	4	0.02	1	0.003	<20	0.19	0.031	0.08	>100	<0.01	1.6	0.1	0.27	1	<0.5	0.023	0.024	0.03
644753	Drill Core	0.002	18	5	0.04	2	0.002	<20	0.28	0.038	0.10	>100	<0.01	1.6	0.1	0.23	1	1.0	0.016	0.055	0.04
644754	Drill Core	0.003	27	5	0.09	2	0.010	<20	0.40	0.042	0.13	>100	<0.01	2.8	0.3	0.45	2	1.7	0.045	0.024	0.07
644755	Drill Core	0.002	23	4	0.05	2	0.006	<20	0.28	0.042	0.10	77.3	<0.01	1.9	0.2	0.38	2	0.7	0.026	0.012	0.06
644756	Drill Core	0.002	22	4	0.11	2	0.015	<20	0.43	0.034	0.14	69.3	<0.01	3.7	0.3	0.39	3	0.7	0.023	0.009	0.08
644757	Drill Core	0.003	21	4	0.07	2	0.007	<20	0.26	0.038	0.13	>100	<0.01	3.7	0.2	0.58	2	1.0	0.081	0.019	0.06
644758	Drill Core	0.004	19	5	0.04	1	0.005	<20	0.21	0.038	0.09	75.4	<0.01	1.7	0.1	0.42	1	0.8	0.080	0.010	0.04
644759	Drill Core	0.001	14	7	0.03	2	0.004	<20	0.26	0.038	0.10	37.5	<0.01	1.6	0.2	0.27	1	0.6	0.055	0.006	0.02
644760	Drill Core	0.001	4	5	0.03	2	0.006	<20	0.21	0.032	0.13	31.0	<0.01	1.8	0.2	0.31	<1	0.7	0.035	<0.005	0.03
644761	Drill Core	0.001	17	5	0.02	1	0.004	<20	0.18	0.039	0.09	31.4	<0.01	1.5	0.1	0.26	<1	0.8	0.042	0.005	0.02
644762	Drill Core	<0.001	11	4	0.02	<1	0.004	<20	0.18	0.040	0.07	72.5	<0.01	1.2	<0.1	0.24	1	<0.5	0.007	0.012	0.04
644763	Drill Core	<0.001	9	5	0.03	<1	0.008	<20	0.18	0.044	0.08	51.4	<0.01	1.5	0.1	0.20	1	<0.5	0.037	0.007	0.03
644764	Drill Core	<0.001	14	6	0.02	<1	0.003	<20	0.18	0.039	0.09	>100	<0.01	1.6	<0.1	0.24	<1	0.6	0.028	0.054	0.03
644765	Drill Core	0.002	11	6	0.02	1	0.004	<20	0.17	0.038	0.09	43.4	<0.01	1.3	<0.1	0.22	<1	<0.5	0.029	0.005	0.02
644766	Drill Core	<0.001	13	7	0.02	1	0.003	<20	0.20	0.039	0.09	>100	<0.01	1.7	0.3	0.32	1	0.8	0.072	0.063	0.02
644767	Drill Core	<0.001	1	4	<0.01	2	0.001	<20	0.12	0.026	0.12	24.6	<0.01	0.2	0.1	0.14	<1	<0.5	0.067	<0.005	0.02
RRE 644767	Drill Core	<0.001	1	5	<0.01	2	0.001	<20	0.12	0.025	0.11	56.7	<0.01	0.3	0.1	0.15	<1	<0.5	0.077	0.007	0.02
644768	Drill Core	<0.001	4	6	<0.01	1	0.002	<20	0.14	0.031	0.10	28.0	<0.01	0.5	<0.1	0.12	<1	<0.5	0.026	<0.005	<0.01

QUALITY CONTROL REPORT

SMI08000466.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
644616	Rock Chip	0.40	0.4	2.1	1.6	<1	<0.1	1.2	0.4	128	0.09	0.9	0.1	<0.5	0.2	54	<0.1	<0.1	<0.1	<2	18.16
REP 644616	QC		0.4	2.6	1.8	<1	<0.1	1.4	0.5	131	0.09	1.0	0.1	<0.5	0.2	55	<0.1	<0.1	<0.1	<2	18.59
644622	Drill Core	6.30	271.5	43.5	16.1	9	0.1	1.0	1.1	152	0.62	0.5	39.1	7.9	36.7	3	<0.1	0.2	12.5	<2	0.23
REP 644622	QC																				
644641	Drill Core	4.20	64.4	31.9	21.3	44	0.3	4.6	1.2	506	0.65	<0.5	33.6	10.5	28.1	26	0.8	<0.1	2.0	14	1.16
REP 644641	QC																				
644648	Rock Pulp	0.10	649.7	115.9	9.6	81	0.2	15.9	6.1	621	2.33	2.2	2.3	2.4	5.1	143	0.2	0.3	0.6	29	1.26
REP 644648	QC		648.6	116.3	9.5	85	0.2	16.5	6.1	650	2.35	2.3	2.3	2.8	5.1	144	0.2	0.3	0.6	28	1.27
644654	Drill Core	6.60	170.9	81.7	6.8	106	0.2	23.8	6.0	1946	2.04	1.1	4.0	4.3	4.3	65	0.6	0.2	3.7	101	4.22
REP 644654	QC																				
644669	Drill Core	5.50	117.8	76.6	5.6	101	<0.1	29.2	7.5	1000	1.59	4.3	2.1	1.4	3.2	131	0.5	0.5	1.5	72	5.30
REP 644669	QC																				
644675	Drill Core	6.40	266.8	76.4	4.3	80	<0.1	21.4	6.7	1101	1.58	1.7	2.6	<0.5	6.1	65	0.4	0.3	0.5	57	3.62
REP 644675	QC																				
RRE 644686	Drill Core		237.8	57.4	7.4	80	0.4	18.0	6.7	1580	1.72	1.8	2.7	1.5	4.8	94	0.3	0.4	3.0	63	3.13
REP RRE 644686	QC		239.0	58.2	6.8	76	0.4	16.2	6.4	1521	1.72	2.0	2.4	<0.5	5.0	91	0.3	0.4	2.8	61	3.18
644706	Drill Core	6.40	137.8	84.2	3.0	111	<0.1	29.0	6.2	825	1.64	<0.5	4.5	1.9	4.8	65	1.0	<0.1	2.0	148	3.17
REP 644706	QC																				
644714	Rock Pulp	0.10	554.9	104.2	8.2	71	0.1	13.4	5.4	554	2.04	2.2	1.9	2.2	4.0	124	0.7	0.2	0.6	21	1.10
REP 644714	QC																				
644721	Drill Core	6.80	246.7	144.4	2.7	133	0.1	28.5	7.2	2269	2.55	1.2	3.8	4.9	3.8	60	0.6	0.1	0.9	150	5.65
REP 644721	QC		253.4	145.2	2.7	127	0.2	28.6	7.1	2203	2.55	1.1	3.8	4.9	3.8	60	0.8	<0.1	0.9	151	5.47
644752	Drill Core	5.40	222.1	34.3	15.0	6	0.1	0.8	1.7	138	0.60	2.0	36.4	2.9	30.0	8	0.2	0.2	2.0	<2	0.17
REP 644752	QC																				
644763	Drill Core	5.20	298.1	25.9	10.1	9	0.1	0.8	0.9	166	0.66	2.1	32.8	2.1	22.6	3	0.3	<0.1	0.7	<2	0.12
REP 644763	QC																				
644766	Drill Core	6.40	666.4	37.3	14.1	8	0.1	0.7	1.8	167	0.62	5.8	41.4	2.6	25.7	18	0.4	0.7	1.3	<2	0.17
REP 644766	QC		697.4	37.7	14.7	8	0.2	0.8	2.0	173	0.65	5.9	42.6	2.8	26.2	20	0.6	0.7	1.3	<2	0.17

QUALITY CONTROL REPORT

SMI08000466.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP	7KP	Fluorine	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Mo	W	F	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
Pulp Duplicates																					
644616	Rock Chip	0.003	<1	1	12.03	1	<0.001	<20	0.02	0.019	0.01	0.2	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.001	<0.005	0.02
REP 644616	QC	0.004	<1	1	12.01	1	<0.001	<20	0.02	0.018	0.01	0.2	<0.01	0.2	<0.1	<0.05	<1	<0.5			
644622	Drill Core	0.002	17	10	0.03	3	0.010	<20	0.21	0.042	0.12	>100	<0.01	2.0	0.1	0.27	1	<0.5	0.029	0.029	0.13
REP 644622	QC																				0.12
644641	Drill Core	0.018	14	13	0.11	30	0.032	<20	0.67	0.245	0.28	>100	<0.01	2.5	0.3	0.22	3	<0.5	0.009	0.034	0.60
REP 644641	QC																		0.007	0.034	
644648	Rock Pulp	0.081	18	20	0.48	128	0.020	<20	0.79	0.044	0.30	0.5	<0.01	3.0	0.2	0.30	3	0.5	0.067	<0.005	0.15
REP 644648	QC	0.080	18	21	0.48	134	0.020	<20	0.84	0.042	0.30	0.5	<0.01	3.0	0.3	0.30	3	0.6			
644654	Drill Core	0.115	20	41	0.66	25	0.147	<20	0.70	0.074	0.03	>100	<0.01	3.1	<0.1	0.49	3	2.4	0.017	0.094	0.73
REP 644654	QC																				
644669	Drill Core	0.068	12	36	0.71	55	0.066	<20	2.47	0.028	0.03	55.7	0.05	3.2	0.2	0.59	8	3.5	0.015	0.010	0.49
REP 644669	QC																				
644675	Drill Core	0.061	15	27	1.16	34	0.099	<20	1.04	0.026	0.05	>100	<0.01	2.2	<0.1	0.49	6	3.8	0.029	0.067	0.37
REP 644675	QC																		0.029	0.067	
RRE 644686	Drill Core	0.107	18	32	1.02	162	0.142	<20	1.11	0.050	0.34	>100	<0.01	3.6	1.1	0.51	6	2.9	0.027	0.054	0.53
REP RRE 644686	QC	0.101	17	31	0.99	151	0.134	<20	1.06	0.047	0.34	>100	<0.01	3.4	1.0	0.52	5	4.0			
644706	Drill Core	0.161	18	53	0.43	44	0.143	<20	0.63	0.063	0.03	>100	<0.01	3.0	<0.1	0.45	3	3.0	0.014	0.042	0.69
REP 644706	QC																		0.015	0.041	
644714	Rock Pulp	0.072	16	16	0.41	121	0.015	<20	0.68	0.040	0.27	0.9	<0.01	2.3	0.2	0.25	3	<0.5	0.068	<0.005	0.11
REP 644714	QC																				
644721	Drill Core	0.128	21	51	1.12	46	0.118	<20	0.79	0.091	0.05	>100	<0.01	3.4	<0.1	0.73	4	2.1	0.033	0.244	1.35
REP 644721	QC	0.132	21	48	1.08	45	0.110	<20	0.78	0.090	0.05	>100	<0.01	3.3	<0.1	0.73	4	2.2			
644752	Drill Core	0.001	17	4	0.02	1	0.003	<20	0.19	0.031	0.08	>100	<0.01	1.6	0.1	0.27	1	<0.5	0.023	0.024	0.03
REP 644752	QC																				0.03
644763	Drill Core	<0.001	9	5	0.03	<1	0.008	<20	0.18	0.044	0.08	51.4	<0.01	1.5	0.1	0.20	1	<0.5	0.037	0.007	0.03
REP 644763	QC																		0.032	0.009	
644766	Drill Core	<0.001	13	7	0.02	1	0.003	<20	0.20	0.039	0.09	>100	<0.01	1.7	0.3	0.32	1	0.8	0.072	0.063	0.02
REP 644766	QC	0.001	14	5	0.02	1	0.003	<20	0.21	0.040	0.09	>100	<0.01	1.7	0.3	0.34	1	0.6			

QUALITY CONTROL REPORT

SMI08000466.1

	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
Reference Materials																					
STD C3	Standard																				
STD C3	Standard																				
STD C3	Standard																				
STD C3	Standard																				
STD C3	Standard																				
STD C3	Standard																				
STD C3	Standard																				
STD DS7	Standard	18.5	90.8	62.3	338	0.7	49.1	8.1	511	2.06	36.9	4.6	43.2	3.6	56	5.2	4.4	4.0	72	0.78	
STD DS7	Standard	18.8	95.8	65.2	349	0.7	52.2	8.7	536	2.18	41.0	4.4	57.7	3.9	62	5.2	4.7	4.2	78	0.83	
STD DS7	Standard	17.5	87.6	55.1	361	0.7	44.1	8.0	529	2.09	45.7	3.6	45.1	3.3	61	6.1	4.6	3.5	68	0.81	
STD DS7	Standard	19.2	105.0	58.1	353	0.7	46.7	8.0	557	2.12	45.6	3.8	45.9	3.1	64	6.2	4.6	3.7	72	0.83	
STD DS7	Standard	20.1	100.7	60.7	371	1.1	56.2	9.3	594	2.31	45.3	4.3	50.3	4.1	65	6.3	4.7	3.9	89	0.91	
STD DS7	Standard	20.1	101.2	61.7	372	0.8	56.4	9.3	588	2.28	47.0	4.5	53.0	4.1	63	6.3	4.7	4.0	87	0.89	
STD DS7	Standard	20.4	99.8	68.5	371	0.7	54.6	9.0	605	2.31	46.1	4.7	42.2	4.5	70	5.6	4.6	3.6	91	0.93	
STD DS7	Standard	20.9	98.4	64.8	384	0.8	53.1	9.0	618	2.33	49.4	4.8	48.4	4.1	72	5.9	4.4	3.4	91	0.97	
STD DS7	Standard	19.5	92.6	65.0	355	0.7	52.0	8.8	533	2.21	43.6	5.4	42.3	3.9	60	5.4	4.8	4.3	75	0.82	
STD DS7	Standard	19.7	96.0	64.8	360	0.7	51.6	8.4	550	2.24	40.2	4.5	47.0	4.1	67	5.1	4.7	4.1	77	0.88	
STD DS7	Standard	21.0	106.7	66.1	390	0.9	53.0	8.9	627	2.40	49.3	5.0	58.6	4.7	75	6.6	4.3	4.4	83	0.97	
STD DS7	Standard	21.0	101.0	67.6	396	0.9	53.3	9.4	626	2.46	50.6	5.2	62.4	4.5	75	6.6	4.3	4.6	81	0.98	
STD KP-1	Standard																				
STD KP-1	Standard																				

QUALITY CONTROL REPORT

SMI08000466.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01
LIBF200	Standard																				0.13
LIBF200	Standard																				0.13
LIBF200	Standard																				0.13
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
LIBF200	Standard																				
Reference Materials																					
STD C3	Standard																				0.05
STD C3	Standard																				0.05
STD C3	Standard																				0.05
STD C3	Standard																				
STD C3	Standard																				
STD C3	Standard																				
STD C3	Standard																				
STD DS7	Standard	0.061	10	169	0.89	326	0.102	30	0.86	0.076	0.37	3.2	0.18	1.9	3.6	0.17	4	3.2			
STD DS7	Standard	0.062	10	179	0.92	328	0.109	28	0.90	0.080	0.38	3.6	0.16	2.1	3.4	0.18	4	3.7			
STD DS7	Standard	0.073	11	163	0.92	359	0.093	30	0.88	0.083	0.41	3.9	0.18	1.7	3.7	0.17	4	3.4			
STD DS7	Standard	0.075	12	169	0.94	373	0.098	44	0.89	0.086	0.43	3.5	0.18	1.8	3.8	0.17	4	3.4			
STD DS7	Standard	0.078	11	198	1.00	369	0.120	39	0.98	0.085	0.42	3.8	0.17	2.3	3.9	0.19	4	3.5			
STD DS7	Standard	0.078	10	195	1.00	364	0.112	36	0.94	0.080	0.42	3.9	0.19	2.2	4.0	0.19	5	3.7			
STD DS7	Standard	0.073	13	196	1.01	402	0.122	21	1.02	0.099	0.44	3.5	0.20	2.3	4.1	0.20	5	4.7			
STD DS7	Standard	0.075	13	192	1.05	388	0.124	25	1.03	0.097	0.45	3.3	0.19	2.2	4.1	0.20	5	5.0			
STD DS7	Standard	0.065	10	176	0.92	340	0.106	35	0.87	0.075	0.38	3.3	0.17	2.0	3.9	0.17	4	2.9			
STD DS7	Standard	0.064	11	181	0.94	347	0.111	35	0.92	0.080	0.40	3.0	0.17	2.2	3.6	0.18	4	4.1			
STD DS7	Standard	0.077	12	190	1.05	392	0.119	33	1.02	0.094	0.45	4.2	0.21	2.4	4.4	0.20	5	4.2			
STD DS7	Standard	0.082	13	190	1.08	409	0.120	34	1.04	0.097	0.46	4.0	0.22	2.5	4.5	0.21	5	3.9			
STD KP-1	Standard																		0.222	0.747	
STD KP-1	Standard																		0.221	0.754	

QUALITY CONTROL REPORT

SMI08000466.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD KP-1	Standard																					
STD DS7 Expected		20.92	109	70.6	411	0.89	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93		
STD KP-1 Expected																						
LIBF200 Expected																						
STD C3 Expected																						
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01		
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01		
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01		
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01		
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01		
BLK	Blank																					
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This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

QUALITY CONTROL REPORT

SMI08000466.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01
STD KP-1	Standard																		0.225	0.758	
STD KP-1	Standard																		0.228	0.769	
STD KP-1	Standard																		0.224	0.751	
STD KP-1	Standard																		0.224	0.761	
STD KP-1	Standard																		0.220	1.041	
STD KP-1	Standard																		0.216	1.030	
STD KP-1	Standard																		0.221	0.752	
STD KP-1	Standard																		0.223	0.749	
STD KP-1	Standard																		0.218	0.731	
STD KP-1	Standard																		0.219	0.743	
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5			
STD KP-1 Expected																			0.22	0.74	
LIBF200 Expected																					0.1
STD C3 Expected																					0
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	0.7	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																		<0.001	<0.005	
BLK	Blank																				<0.01
BLK	Blank																				<0.01
BLK	Blank																				<0.01

QUALITY CONTROL REPORT

SMI08000466.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	<0.01	0.9	1.9	2.5	43	<0.1	4.5	4.0	477	1.52	<0.5	2.1	<0.5	3.6	38	<0.1	<0.1	<0.1	31	0.41	

QUALITY CONTROL REPORT

SMI08000466.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	7KP Mo %	7KP W %	Fluorine F %	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.001	0.005	0.01	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	0.068	5	8	0.52	189	0.112	<20	0.82	0.048	0.44	0.8	<0.01	1.5	0.4	<0.05	4	<0.5	<0.001	<0.005	0.02	

Client: **Largo-Farshid Resources**

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Submitted By: Lorie Farrell

Receiving Lab:

Received: September 11, 2007

Report Date: December 19, 2007

Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN07001438.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID:
P.O. Number
Number of Samples: 33

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	32	Crush, split and pulverize rock to 150 mesh		
7KP	33	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

SAMPLE DISPOSAL

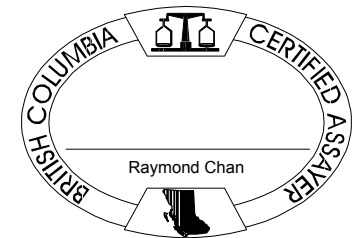
STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:



CERTIFICATE OF ANALYSIS

VAN07001438.1

Method	Analyte	7KP	7KP	7KP	7KP
		Mo	W	Ta	Nb
Unit		%	%	%	%
MDL		0.001	0.001	0.001	0.001
642001	Rock	0.002	0.021	<0.001	<0.001
642002	Rock	0.001	0.008	<0.001	<0.001
642003	Rock	<0.001	0.014	<0.001	<0.001
642004	Rock	<0.001	0.006	<0.001	<0.001
642005	Rock	<0.001	0.003	<0.001	<0.001
642006	Rock	<0.001	0.006	<0.001	<0.001
642007	Rock	<0.001	0.005	<0.001	<0.001
642008	Rock	0.002	0.005	<0.001	<0.001
642009	Rock	<0.001	0.003	<0.001	<0.001
642010	Rock	0.001	0.009	<0.001	<0.001
642011	Rock	0.001	0.007	<0.001	<0.001
642012	Rock	0.003	0.018	<0.001	<0.001
642013	Rock	<0.001	0.009	<0.001	<0.001
642014	Rock	0.002	0.013	<0.001	<0.001
642015	Rock	0.009	0.048	<0.001	<0.001
642016	Rock	0.001	0.013	<0.001	<0.001
642017	Rock	0.001	0.007	<0.001	<0.001
642018	Rock	0.003	0.019	<0.001	<0.001
642019	Rock	0.005	0.015	<0.001	<0.001
642020	Rock	0.011	0.034	<0.001	<0.001
642021	Rock	0.003	0.027	<0.001	<0.001
642022	Rock	0.001	0.042	<0.001	<0.001
642023	Rock	0.004	0.035	<0.001	<0.001
642024	Rock	0.007	0.035	<0.001	<0.001
642025	Rock	0.012	0.109	<0.001	<0.001
642026	Rock	0.001	0.019	<0.001	<0.001
642027	Rock	0.010	0.074	<0.001	<0.001
642028	Rock	0.028	0.147	<0.001	<0.001
642029	Rock	0.009	0.127	<0.001	<0.001
642030	Rock	0.014	0.031	<0.001	<0.001

Client: **Largo-Farshid Resources**

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: December 19, 2007

Page: 3 of 3 **Part** 1

CERTIFICATE OF ANALYSIS

VAN07001438.1

	Method	7KP	7KP	7KP	7KP
	Analyte	Mo	W	Ta	Nb
	Unit	%	%	%	%
	MDL	0.001	0.001	0.001	0.001
642031	Rock	0.008	0.239	<0.001	0.002
642032	Rock	0.006	0.127	<0.001	0.002
642033	Rock Pulp	<0.001	1.036	<0.001	0.004

QUALITY CONTROL REPORT

VAN07001438.1

Method		7KP	7KP	7KP	7KP
Analyte		Mo	W	Ta	Nb
Unit		%	%	%	%
MDL		0.001	0.001	0.001	0.001
Pulp Duplicates					
642006	Rock	<0.001	0.006	<0.001	<0.001
REP 642006	QC	<0.001	0.006	<0.001	<0.001
642033	Rock Pulp	<0.001	1.036	<0.001	0.004
REP 642033	QC	<0.001	1.049	<0.001	0.003
Reference Materials					
STD KP-1	Standard	0.221	0.948	<0.001	0.002
STD KP-1	Standard	0.221	0.901	<0.001	0.002
STD KP-1	Standard	0.218	0.729	<0.001	0.003
STD KP-1	Standard	0.219	0.724	<0.001	0.003
STD KP-1 Expected		0.22	0.74		
BLK	Blank	<0.001	<0.001	<0.001	<0.001
BLK	Blank	<0.001	<0.001	<0.001	<0.001
Prep Wash					
G1	Prep Blank	<0.001	0.001	<0.001	0.002
G1	Prep Blank	<0.001	0.002	<0.001	0.002

Client: **Largo-Farshid Resources**

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Submitted By: Lorie Farrell

Receiving Lab:

Received: September 11, 2007

Report Date: December 19, 2007

Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN07001439.1

CLIENT JOB INFORMATION

Project: Northern Dancer
Shipment ID:
P.O. Number
Number of Samples: 112

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	108	Crush, split and pulverize rock to 150 mesh		
7KP	111	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

SAMPLE DISPOSAL

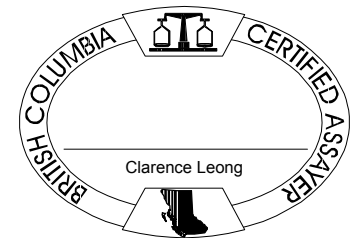
STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Largo-Farshid Resources
65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5
Canada

CC:



CERTIFICATE OF ANALYSIS

VAN07001439.1

Method	Analyte	7KP	7KP	7KP	7KP
		Mo	W	Ta	Nb
Unit		%	%	%	%
MDL		0.001	0.001	0.001	0.001
640501	Rock	0.008	0.015	<0.001	0.001
640502	Rock	0.007	0.015	<0.001	<0.001
640503	Rock	0.023	0.036	<0.001	<0.001
640504	Rock	0.016	0.080	<0.001	0.001
640505	Rock	0.012	0.022	<0.001	0.002
640506	Rock	0.020	0.034	<0.001	0.001
640507	Rock	0.012	0.025	<0.001	0.001
640508	Rock	0.011	0.029	<0.001	<0.001
640509	Rock	0.041	0.026	<0.001	0.001
640510	Rock	0.016	0.023	<0.001	<0.001
640511	Rock	0.007	0.029	<0.001	<0.001
640512	Rock	0.019	0.032	<0.001	<0.001
640513	Rock	0.026	0.071	<0.001	<0.001
640514	Rock	0.032	0.026	<0.001	0.001
640515	Rock	0.011	0.029	<0.001	0.001
640516	Rock	0.014	0.011	<0.001	0.001
640517	Rock	0.016	0.022	<0.001	0.002
640518	Rock	0.014	0.021	<0.001	0.001
640519	Rock	0.007	0.032	<0.001	<0.001
640520	Rock	0.010	0.026	<0.001	<0.001
640521	Rock	0.014	0.016	<0.001	<0.001
640522	Rock	0.014	0.018	<0.001	<0.001
640523	Rock	0.020	0.064	<0.001	0.001
640524	Rock	0.007	0.023	<0.001	0.001
640525	Rock	0.013	0.110	<0.001	0.001
640526	Rock	0.006	0.020	<0.001	<0.001
640527	Rock	0.031	0.267	<0.001	0.001
640528	Rock	0.007	0.016	<0.001	<0.001
640529	Rock	0.007	0.047	0.001	0.001
640530	Rock	0.018	0.103	<0.001	0.001

Client: Largo-Farshid Resources

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: December 19, 2007

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CERTIFICATE OF ANALYSIS

VAN07001439.1

Method Analyte Unit MDL		7KP	7KP	7KP	7KP
		Mo	W	Ta	Nb
		%	%	%	%
		0.001	0.001	0.001	0.001
640531	Rock	0.017	0.061	<0.001	<0.001
640532	Rock	<0.001	<0.001	<0.001	<0.001
640533	Rock Pulp	0.066	0.001	<0.001	0.001
640534	Rock	0.017	0.078	<0.001	0.001
640535	Rock	0.021	0.097	<0.001	0.001
640536	Rock	0.009	0.043	0.001	<0.001
640537	Rock	0.014	0.016	<0.001	<0.001
640538	Rock	0.018	0.024	<0.001	<0.001
640539	Rock	0.013	0.016	<0.001	0.001
640540	Rock	0.019	0.027	<0.001	0.001
640541	Rock	0.014	0.037	<0.001	<0.001
640542	Rock	0.005	0.018	<0.001	<0.001
640543	Rock	0.017	0.032	<0.001	0.001
640544	Rock	0.005	0.017	<0.001	<0.001
640545	Rock	0.016	0.037	<0.001	<0.001
640546	Rock	0.007	0.007	<0.001	0.001
640547	Rock	0.009	0.097	<0.001	0.001
640548	Rock	0.017	0.391	<0.001	0.002
640549	Rock	0.013	0.043	<0.001	0.001
640550	Rock	0.007	0.016	<0.001	<0.001
640551	Rock	0.031	0.253	<0.001	0.001
640552	Rock	0.010	0.047	<0.001	<0.001
640553	Rock	0.015	0.272	<0.001	0.001
640554	Rock	0.008	0.029	<0.001	<0.001
640555	Rock	0.008	0.024	<0.001	<0.001
640556	Rock	0.006	0.021	<0.001	<0.001
640557	Rock	0.011	0.028	<0.001	<0.001
640558	Rock	0.016	0.048	<0.001	<0.001
640559	Rock	0.009	0.084	<0.001	<0.001
640560	Rock	0.007	0.020	<0.001	0.001

CERTIFICATE OF ANALYSIS

VAN07001439.1

Method	Analyte	7KP	7KP	7KP	7KP
		Mo	W	Ta	Nb
Unit		%	%	%	%
MDL		0.001	0.001	0.001	0.001
640561	Rock	0.011	0.040	<0.001	<0.001
640562	Rock	0.019	0.034	<0.001	<0.001
640563	Rock	0.024	0.167	<0.001	0.001
640564	Rock	0.025	0.187	<0.001	0.001
640565	Rock	<0.001	<0.001	<0.001	<0.001
640566	Rock Pulp	0.001	1.119	<0.001	0.003
640567	Rock	0.018	0.119	<0.001	<0.001
640568	Rock	0.011	0.039	<0.001	0.001
640569	Rock	0.021	0.078	<0.001	0.001
640570	Rock	0.013	0.051	<0.001	<0.001
640571	Rock	0.023	0.090	0.002	0.001
640572	Rock	0.017	0.016	0.001	<0.001
640573	Rock	0.007	0.025	<0.001	0.001
640574	Rock	0.011	0.031	0.001	0.001
640575	Rock	0.009	0.034	0.001	0.001
640576	Rock	0.011	0.024	0.002	0.001
640577	Rock	0.017	0.031	<0.001	<0.001
640578	Rock	0.010	0.034	<0.001	0.001
640579	Rock	0.009	0.031	<0.001	0.001
640580	Rock	0.008	0.053	0.002	<0.001
640581	Rock	0.013	0.042	<0.001	0.001
640582	Rock	0.013	0.025	<0.001	0.001
640583	Rock	0.018	0.028	0.001	<0.001
640584	Rock	0.004	0.023	<0.001	<0.001
640585	Rock	0.005	0.035	<0.001	<0.001
640586	Rock	0.006	0.054	<0.001	<0.001
640587	Rock	0.011	0.030	<0.001	0.001
640588	Rock	0.003	0.026	<0.001	<0.001
640589	Rock	0.010	0.046	<0.001	<0.001
640590	Rock	0.010	0.165	0.001	0.001

Client: **Largo-Farshid Resources**

65 Queen St. West
Suite 820 P.O. Box 71
Toronto ON M5H 2M5 Canada

Project: Northern Dancer

Report Date: December 19, 2007

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Page: 5 of 5 **Part** 1

CERTIFICATE OF ANALYSIS

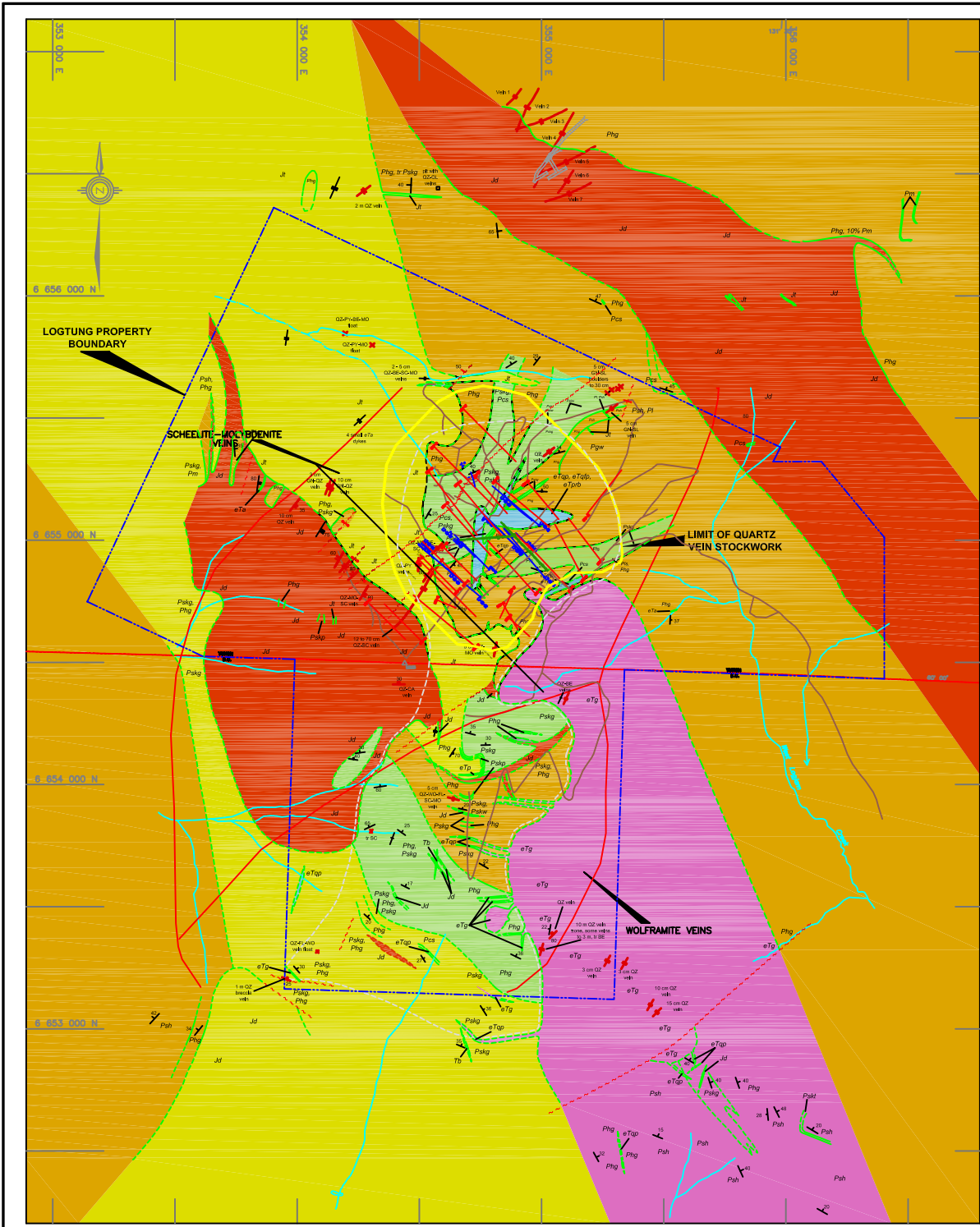
VAN07001439.1

	Method	7KP	7KP	7KP	7KP
	Analyte	Mo	W	Ta	Nb
	Unit	%	%	%	%
	MDL	0.001	0.001	0.001	0.001
640591	Rock	0.006	0.083	<0.001	0.001
640592	Rock	0.004	0.100	0.002	<0.001
640593	Rock	0.005	0.063	<0.001	<0.001
640594	Rock	0.005	0.055	<0.001	<0.001
640595	Rock	0.014	0.087	<0.001	<0.001
640596	Rock	0.012	0.122	<0.001	<0.001
640597	Rock	0.010	0.140	0.001	0.001
640598	Rock	<0.001	0.001	<0.001	<0.001
640599	Rock Pulp	0.070	0.001	0.001	<0.001
640600	Rock	0.008	0.051	0.002	<0.001
640601	Rock	0.007	0.057	<0.001	<0.001
640602	Rock	0.007	0.105	<0.001	0.001
640603	Rock	0.008	0.085	0.001	<0.001
640604	Rock	0.016	0.127	0.002	<0.001
640605	Rock	0.016	0.072	0.001	0.001
640606	Rock	0.018	0.034	0.001	0.001
640607	Rock	0.027	0.063	<0.001	0.001
640608	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.
640609	Rock	0.007	0.030	<0.001	<0.001
640610	Rock	0.004	0.034	<0.001	<0.001
640611	Rock	0.007	0.042	<0.001	0.001
640612	Rock	0.013	0.085	<0.001	0.001

QUALITY CONTROL REPORT

VAN07001439.1

Method		7KP	7KP	7KP	7KP
Analyte		Mo	W	Ta	Nb
Unit		%	%	%	%
MDL		0.001	0.001	0.001	0.001
Pulp Duplicates					
640532	Rock	<0.001	<0.001	<0.001	<0.001
REP 640532	QC	<0.001	<0.001	<0.001	<0.001
640570	Rock	0.013	0.051	<0.001	<0.001
REP 640570	QC	0.013	0.053	<0.001	<0.001
640596	Rock	0.012	0.122	<0.001	<0.001
REP 640596	QC	0.012	0.122	0.001	0.001
Reference Materials					
STD KP-1	Standard	0.218	0.761	<0.001	0.003
STD KP-1	Standard	0.215	0.779	<0.001	0.003
STD KP-1	Standard	0.219	0.711	0.001	0.003
STD KP-1	Standard	0.220	0.707	<0.001	0.003
STD KP-1	Standard	0.231	0.745	<0.001	0.003
STD KP-1	Standard	0.229	0.775	0.002	0.003
STD KP-1	Standard	0.220	0.749	<0.001	0.003
STD KP-1	Standard	0.223	0.769	<0.001	0.003
STD KP-1 Expected		0.22	0.74		
BLK	Blank	<0.001	<0.001	<0.001	<0.001
BLK	Blank	<0.001	<0.001	<0.001	<0.001
BLK	Blank	<0.001	<0.001	<0.001	<0.001
BLK	Blank	<0.001	<0.001	<0.001	<0.001
Prep Wash					
G1	Prep Blank	<0.001	<0.001	<0.001	0.002
G1	Prep Blank	<0.001	<0.001	<0.001	0.002



LEGEND

- IGNEOUS ROCKS**
- TERTIARY ?**
- Tb Basalt dykes
- CRETACEOUS**
- eTp Undifferentiated porphyry; eTqp - quartz porphyry; eTqfp - quartz feldspar porphyry; eTpc - coarse grained porphyry; eTg - aplite; eTf - felsite; eTpb - ribbon banded porphyry; eTps - silicified porphyry; eTpeg - pegmatite
 - eTg Porphyritic monzogranite
- JURASSIC**
- Jd Quartz diorite to granodiorite
 - Jt Tonalite
- SEDIMENTARY AND METAMORPHIC ROCKS**
- PALEOZOIC TO TRIASSIC**
- Carbonate and calcareous clastic rocks
- Pc Undifferentiated calcareous rocks; Pl - limestone; Pm - marl; Pib - interbedded limestone and shale; Pskg - light green skarn; Pskp - pyroxene skarn; Psg - garnet skarn; Pskt - tremolite skarn; Pskv - garnet vein skarn; Pskw - wollastonite-vesuvianite skarn; Pcs - calc-silicate; PcsG - calc-silicate with disseminated garnet.
- Non-calcareous clastic rocks
- Ps Undifferentiated non-calcareous rocks; Psh - shale and argillite; Pgw - greywacke; Phg - grey to brown hornfels; Phb - bleached hornfels.

SYMBOLS

- Area of outcrop
 - Quartz vein: Inclined, vertical, attitude unknown
 - Jointing: Inclined, vertical
 - Bedding: Inclined, vertical
- Fault (Defined/Assumed)
 - Fault
 - Deposit boundary
- Diamond drillholes:
- Historical diamond drillholes
 - Diamond drillholes 2006
 - Diamond drillholes 2007
- Adit
 - Pit outline
 - Road

LARGO RESOURCES LTD.

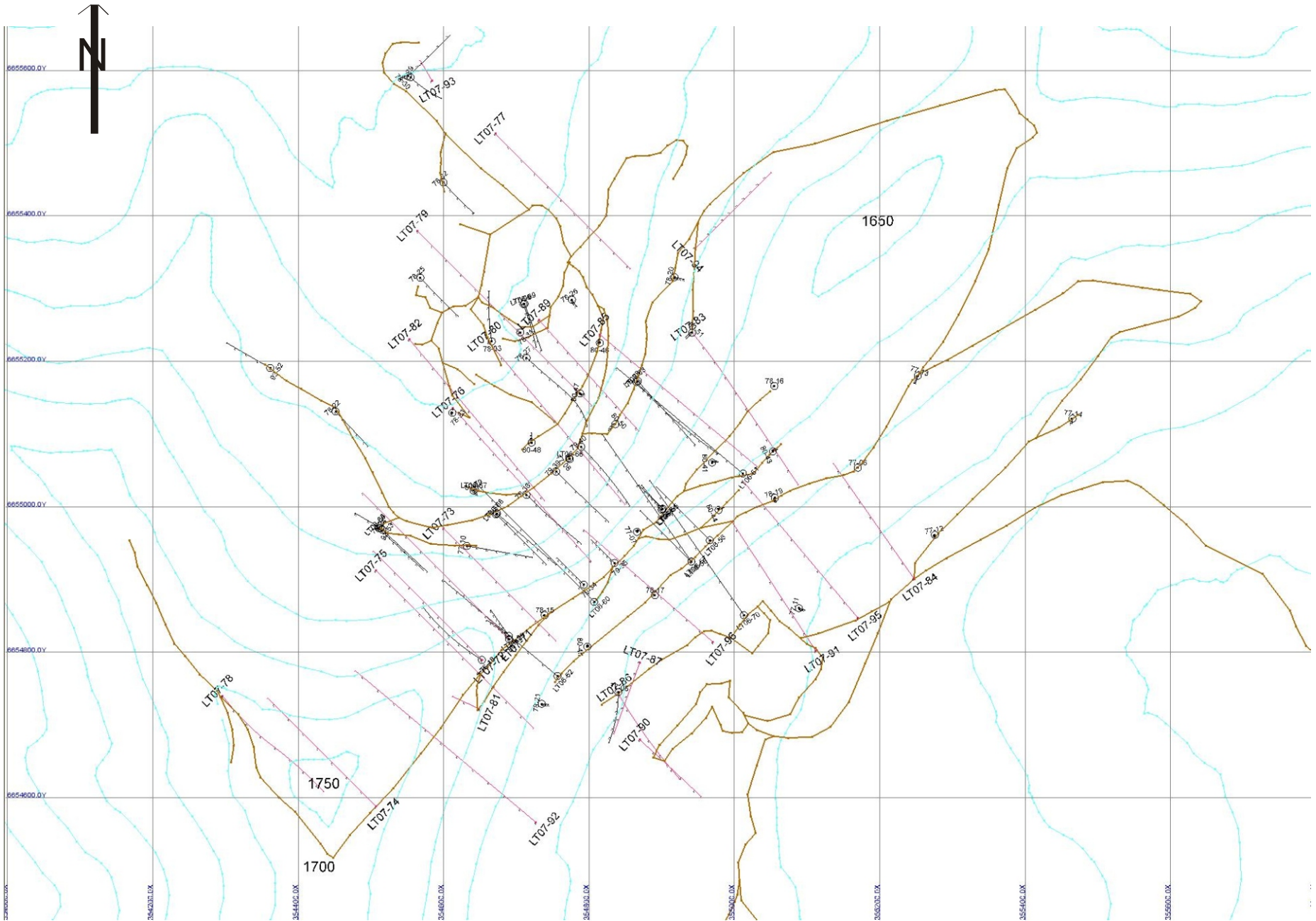
NORTHERN DANCER PROPERTY

SCALE 1:50,000

DATE: 2007-08-01

BY: [Signature]

Northern Dancer Project -Drill Hole Locations Map



Scale: 1:5000