

802440

**NORTHERN HEMISPHERE DEVELOPMENT CORP.**15<sup>th</sup> Floor – 675 West Hastings Street, Vancouver, British Columbia V6B 1N2

Telephone: 604-685-9255  
Facsimile: 604-669-3011  
Toll Free: 1-800-663-9688  
Web: [www.north-hemisphere.com](http://www.north-hemisphere.com)

TSX Venture Exchange  
Trading Symbol: "NHD"

September 22, 2004

**News Release 04 -08****Further Encouraging Drill Results at Kaza-Northstar Project**

The Board of Directors of Northern Hemisphere Development Corp. (the Company) is pleased to announce further encouraging diamond drill results from Northstar area of the Company's Kaza-Northstar Project northwest of Fort St. James, British Columbia, Canada. The program consisted of five exploration-style diamond drill holes testing down-dip extension and structural controls of surface copper – silver prospects and intersections returning high copper values from past drilling.

Drill hole NS-04-01 returned an intercept grading 0.09% copper across 10.6' (3.2m) (see Table 1 enclosed). Following additional sampling, revised copper values encountered in drill hole NS-04-02 (see *News Release 04-07*) now stand at 0.55% copper across 453.7 feet. Drill hole NS-04-03 returned an intercept of 37' (11.3m) grading 0.10% copper.

Drill hole NS-04-04 returned an interval grading 0.51% copper across 286.2 feet (87.2m). This hole was drilled at a dip of -65° from the same site and at the same azimuth of Hole NS-04-02, and has confirmed extension to depth of disseminated and fracture-controlled bornite and chalcopyrite mineralization. Results suggest high-grade mineralization occurs both as steeply-dipping zones and within a basal limestone unit, potentially forming a marker horizon.

Drill hole NS-04-05 returned an intercept of 0.69% copper with 2.4 g/t silver across 77.8 feet (23.7m). This hole, collared north-northeast of NS-04-04, and drilled at an azimuth of 180°, targeted massive chalcocite veins within the "Discovery Cut" to the south. This interval includes a sub-interval grading 1.30% copper and 4.6 g/t silver across 40.1 feet (12.2m), returned from a similar chalcocite vein zone. This may be an extension of the "Discovery Cut" zone.

Additionally, drilling is ongoing on the Kaza area of the project, targeting "skarn" and replacement-style mineralization along the north-northwest trending "Main Trend", having a minimum strike length of 500m. This zone is coincident with previously defined IP-resistivity and chargeability anomalies; year-2003 IP surveying results suggest significant strike extension potential.

The 2004 drill program will also target the east-southeast trending "Hornblendite Zone", consisting of a distinct alteration and mineralization setting identified during the Company's year-2003 surface work program. Year-2003 sampling returned consistently very high values, including: 3.08% copper, 11.70 g/t gold and 67.0 g/t silver; 1.26% copper, 10.60 g/t gold and 24.7 g/t silver; and 1.76% copper, 6.37 g/t gold and 23.1 g/t silver. The first 2004 Kaza drill hole targeted the projected Main Trend – Hornblendite Zone intersection area, believed to be a favourable setting for mineral emplacement.

Mineralized intervals are summarized in Table 1.

Table 1: Mineralized Intervals, Northstar Project Area

Hole No.	Easting (Grid)	Northing (Grid)	Azimuth (Degrees)	Dip	Interval (feet)	Length (ft)	Length (m)	Copper (%)	Silver g/t
NS-04-01	2 + 35 E	4 + 90 N	45	-45	145.3 - 155.9	10.6	3.2	0.09%	<0.2 g/t
					218.9 - 236.0	17.1	5.2	0.08%	0.4 g/t
NS-04-02	2 + 30 E	5 + 10 N	110	-45	167.5 - 621.2	453.7	138.3	0.55%	1.6 g/t
					Includes: 189.5 - 274.5	85	25.9	1.17%	4.2 g/t
					211.0 - 226.0	15	4.6	2.13%	7.8 g/t
					247.5 - 262.1	14.6	4.4	2.37%	8.2 g/t
					Includes: 292.8 - 340.0	47.2	14.4	0.60%	2.5 g/t
					Includes: 418.4 - 505.4	87	26.5	0.52%	1.1 g/t
					Includes: 550.0 - 621.2	71.2	21.7	0.91%	2.0 g/t
NS-04-03	4 + 10 E	6 + 00 N	290	-45	48.6 - 85.6	37	11.3	0.10%	0.2 g/t
					188.1 - 474.3	286.2	87.2	0.51%	1.2 g/t
NS-04-04	2 + 30 E	5 + 10 N	110	-65	Includes: 208.4 - 244.5	36.2	11.0	0.42%	0.8 g/t
					Includes: 267.0 - 293.6	26.6	8.1	0.27%	0.5 g/t
					Includes: 321.8 - 474.3	152.5	46.5	0.78%	1.9 g/t
					351.8 - 386.2	34.4	10.5	1.08%	3.3 g/t
					410.5 - 474.3	63.8	19.4	1.14%	2.4 g/t
NS-04-05	2 + 90 E	5 + 30 N	180	-45	Includes: 161.8 - 239.6	77.8	23.7	0.69%	2.4 g/t
					Includes: 174.0 - 214.1	40.1	12.2	1.30%	4.6 g/t

## **Surface Exploration**

Results of rock grab and composite grab sampling of surface outcrop and rubblecrop mineralization in the Main Zone – Hornblendite Trend intersection area (see *News Release 04-07*) have been received. All six samples taken in the immediate area returned high gold values from 1.81 g/t to 4.12 g/t gold. Silver and copper values were also consistently high, ranging from 7.0 to 44.6 g/t silver and 0.56 % to 1.75% copper.

A select composite grab sample of talus float within a gold-in-soil geochemical anomaly located 150 metres southwest of the southern portion of the Main Trend returned 14.8 g/t gold with anomalous copper and silver values. This, the highest-grade value returned by the Company to date, represents a new exploration target in the Kaza area.

A separate mineralized occurrence, named the "Henry Lee Showing", was recently discovered north of the Kaza project area within the property. Composite grab sampling of fault gouge and strongly silicified, carbonate-altered andesites returned values to 855 ppb Au, with 0.14% molybdenum, and 6.5 g/t silver. A separate 1.2m chip sample returned 10.6 g/t silver. A soil sample located 75m to the north returned 858 ppb copper. Results of five recent rock chip samples taken from 300 – 400m to the southeast returned values ranging from 386 ppm copper with 0.3 g/t silver across 2.2m, to 8680 ppm copper, 28.6 g/t silver and 320 ppm molybdenum across 1.3m. A soil sample located 50m west of the latter returned a value of 1280 ppm copper. Further detailed surface exploration is planned for this showing.

The Company is preparing a further aggressive drilling program for both the Kaza and Northstar Project areas following this initial phase.

This News Release was reviewed by Mr. Carl Schulze, BSc, PGeo, the Qualified Person for the Kaza/Northstar Project, in accordance with regulations under National Instrument 43-101.

On Behalf Of The Board of Directors

---

J. Frank Callaghan,  
President

*This News Release contains forward-looking statements regarding the timing and content of upcoming programs. Actual results may differ materially from those currently anticipated in such statements. The TSX-Venture Exchange has neither approved nor disapproved of the information contained herein.*