

Ministry of Energy & Mines Energy & Minerals Division Geological Survey Branch

T BOOGCAL SUPC

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

2010 Diamond Drilling laport on the Turmagain Property **TOTAL COST** \$ 1531562 AUTHOR(S) TONY Hitchins SIGNATURE(S) 31Aug 2010 YEAR OF WORK ZOID NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) 4810565, 17 Nov 2010 STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)_ PROPERTY NAME Turnagain Ni 511330 CLAIM NAME(S) (on which work was done) COMMODITIES SOUGHT Ni Cu Lo Pf Pd 104I 014 MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN NTS 1041 07 Liard MINING DIVISION LONGITUDE 128 0 51 15 LATITUDE 58 028 . 30 " (at centre of work) OWNER(S) 1) Hard Creek Nickel Corp MAILING ADDRESS 1060-1090 West Georges St Vancouver BC. UBE 307 OPERATOR(S) [who paid for the work] Hord Creek Nickel Corp MAILING ADDRESS as above PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude): Turnagain Alaskon-type ultromafic complex, durite, wehr lite, pyrokerite disseminated and met-textured intercomulus pyroho fite-pentlandite mineralication screentine tremoleto and tale alteration; fault bounded muditalate Sur assic uttromate REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 2056, 3206, 3735, 4097 8055, 15994, 16458, 24911, 25475, 27546, 28101, 28840, 29748, 30367, 31212 (OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			•
Magnetic	s		
Electromagnetic		: `	
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne	·		
GEOCHEMICAL (number of samples analysed for)		·	
Soil			-
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size) Core <u>Zhores</u> <u>HQ size</u> Non-core	o core, 384.05M	511330	153,156
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
ROSPECTING (scale, area)			r
REPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail _			
Trench (metres)		ſ	
Underground dev. (metres)	·		
Other	· · · · · · · · · · · · · · · · · · ·		11
		TOTAL COST	153, 156.

TITLE: 2010 DIAMOND DRILLING REPORT ON THE TURNAGAIN PROPERTY

CLAIMS WORKED: 511330

RECORD NUMBER: 511330

MINING DIVISION: LIARD

NTS MAP SHEET: 104I/07

MINERAL TITLES REFERENCE MAP: M104I 046

LATITUDE: 58°27' – 58°30'

LONGITUDE: 128°48' – 128°56'

CLAIM OWNER: HARD CREEK NICKEL CORP. FMC #103195

OPERATOR: HARD CREEK NICKEL CORP.

DATE SUBMITTED: 23 DECEMBER, 2010

AUTHORS: GREG ROSS, TONY HITCHINS

BC Geological Survey Assessment Report 32008

TABLE OF CONTENTS

	Page
INTRODUCTION	1
PROPERTY DESCRIPTION AND ACCESS	1
PREVIOUS WORK	1
GEOLOGICAL SETTING	6
REGIONAL SETTTING	6
PROPERTY GEOLOGY	6
MINERALIZATION	7
2010 DIAMOND DRILLING PROGRAM	7
RESULTS	10
CONCLUSIONS	10
RECOMMENDATIONS	10

REFERENCES

List of Figures

		Pane	
Figure 1	General Location - Turnagain Property	rage	2
Figure 2	Claim Map - Turnagain Property		3
Figure 3	Property Geology and Mineral Occurrences		8
Figure 4	Drill Hole Location		9
Figure 5	Drill Hole Cross-Section		11
	Appendices	Dese	
Appendix A	List of Tenures	Page	14
Appendix B	Drill Logs		17
Appendix C	Magnetic Susceptibility		24
Appendix D	Specific Gravity		27
Appendix E	Statement of Costs		30
Appendix F	Statements of Qualifications		32

INTRODUCTION

The Turnagain Property of Hard Creek Nickel Corp. (previously named Canadian Metals Exploration Limited) has been sporadically explored for nickel-copper-platinum-palladium mineralization since the mid-1960s. Disseminated interstitial sulphide grains and blebs are the most widespread type of mineralization within the ultramafic suite of rocks. In some locations, sulphide blebs coalesce to produce net-textured to locally massive sulphide intervals in dunite, wehrlite and olivine clinopyroxenite. Where disseminated sulphides occur in dunite or wehrlite, nickel sulphide (principally pentlandite) is commonly present in sufficient concentrations to be of economic interest.

For the past several years Hard Creek Nickel Corp. has been conducting diamond drilling programs focused mainly on the Horsetrail and Northwest Zones, known zones of low grade nickel mineralization north of the Turnagain River in the southeast portion on the intrusion, as well as other prospective areas of the intrusion.

This report describes 2 core holes from Hard Creek Nickel Corp.'s 2010 diamond drilling program, comprising 384.05 m of drilling.

PROPERTY DESCRIPTION AND ACCESS

The Turnagain Property is located in the Liard Mining Division, 65 km east of the community of Dease Lake and 1,350 km north-northwest of Vancouver (Figure 1). The property covers approximately 32,500 ha, spread across mineral titles maps 104I 03, 104I 046, 104I 047, 104I 055 and 104I 056 and is comprised of one four-post claim and 64 electronically acquired claims. Claim details are summarized in Appendix A and their locations are illustrated in Figures 2 and 3.

The property can be accessed by helicopter and fixed-wing aircraft from Dease Lake to a recently upgraded 930 m long gravel airstrip located beside the exploration camp and core storage. During the drier months, access via the Turnagain River – Kutcho Creek mining road from Dease Lake is possible. Several drill roads provide access to portions of the property on both sides of the Turnagain River.

An exploration camp was constructed on the property in April, 2003. Prior to this date, exploration was based in the placer mining camp located at Wheaton Creek (Boulder City) some 15 km southwest of the property. All core drilled before late April, 2003, by previous operators and Canadian Metals, is stored at the placer camp. The majority of the core from 2003 program and all core from the 2004 – 2008 drill programs is stored in core racks beside the airstrip on the Turnagain Property.

The Turnagain resource area covers a south-facing slope which begins just above 1,780 m elevation and extends down to the Turnagain River at 1,000 m elevation.

Outcrop exposure is abundant between tree line and the ridge crest but, except for approximately one percent exposure in the Horsetrail area, is poor over most of the claim block located west of the Turnagain River. Exposure is abundant on the low ridge extending east from the Turnagain River in the Cliff Zone.

PREVIOUS WORK

Nickel and copper sulphides were first recognized in rusty weathering exposures of the Discovery Showing on the bank of the Turnagain River in about 1956. Falconbridge Nickel Mines acquired the property in 1966 and, during the next seven years, completed an airborne geophysical survey, ground geophysical surveys, geological mapping, geochemical surveys and 2,895 m of diamond drilling in approximately 28 widely spaced holes (McDougall and Clark, 1972, 1973).





During the early 1970s, adjacent claims were investigated with a geochemical survey by Union Minière Exploration and Mining Corporation Ltd (UMEX) (Burgoyne, 1971). Once the Falconbridge and UMEX claims expired, a number of showings were re-staked and tested with short, small diameter core holes. Three EX-sized core holes totaling 55.5 m were drilled on the left bank of the Turnagain in 1977 (Brown, 1978). No significant intersections were reported and the collars have not been located. In 1979 a single drill hole of 17 m depth was drilled near the right bank of the Turnagain River and intersected unmineralized quartz diorite (Cukor, 1980).

By the mid-1980s, exploration interest shifted to platinum group elements. The Falconbridge core was re-sampled and a geochemical survey for platinum group elements was conducted for Equinox Resources Ltd (Cukor, 1987).

In 1996 Bren-Mar Resources Ltd (predecessor to Canadian Metals Exploration Ltd) optioned the Cub claim from J. Schussler and E. Hatzl. Between 1996 and 1998 Bren-Mar completed an airborne magnetic survey over 45 sq. km, 19 core holes totaling 3,889 m, down-hole pulse electromagnetic surveys in four of the 1997-1998 drill holes and preliminary metallurgical test work on drill core composite samples (Livgard, 1996; Downing, 1998).

Canadian Metals Exploration Ltd resumed exploration in 2002 with an induced polarization and ground magnetic survey followed by 1,687 m of diamond drilling in seven holes (Downing, 2003; Woods, 2003). The 2003 exploration program emphasized diamond drilling and resulted in 23 holes, including the deepening of one 2002 hole, for a total of 8,769 m. Results from three drill holes were documented by Canadian Metals in 2004 (Baldys and Hitchins, 2004).

Hard Creek Nickel Corp. conducted a comprehensive exploration program over the claim block in 2004 including:

- 1,700 line-km of helicopter-borne magnetic and electromagnetic surveys
- 14 line-km of detailed ground magnetometer, transient EM and VLF surveys over the Horsetrail Zone.
- transient EM surveys in nine boreholes
- collection of approximately 3,000 soil samples
- several lines of biogeochemical sample collection
- geological mapping of the exposed ultramafic lithologies
- 1:20,000 scale air photography and preparation of base maps
- 7,387 m of core drilling in 49 holes
- more than 4,000 core samples analyzed for 30 elements including Ni, Cu, Co, S, Pt and Pd

Core logs and analytical results from eleven of the holes were reported in Assessment Report #27646 (Baldys and Hitchins, 2005).

The 2005 exploration program was similarly extensive and included:

- follow-up prospecting and interpretation of geophysical targets
- further borehole transient EM surveys in 13 holes for a total of 7,400 m
- more than 1,900 infill soil geochemistry samples
- continued geological mapping
- 7,144 m of BQ and NQ diamond drilling in 37 holes
- more than 3,700 core samples analyzed for 30 elements including Ni, Cu, Co, S, Pt and Pd

Results from nine NQ core holes were summarized in Assessment Report #28101 (Baldys, Hitchins and Northcote, 2006).

The 2006 exploration program was somewhat more extensive and included:

- further prospecting and interpretation of geophysical targets
- small program of infill soil sampling
- continued geological mapping
- 19,121.8 m of NQ diamond drilling in 69 holes
- more than 4,500 core samples analyzed for 30 elements including Ni, Cu, Co, S, Pt and Pd

Drill logs and analytical results for 15 NQ core holes we documented in Assessment Report #28840 (Baldys, Hitchins and Ross, 2007).

The 2007 exploration program was more extensive still and included:

- further prospecting
- continued geological mapping
- 24,869.9 m of NQ and PQ diamond drilling in 73 holes
- metallurgical and grinding test of PQ composite samples
- more than 6,000 core samples analyzed for 30 elements including Ni, Cu, Co, S, Pt and Pd

Drill logs and analytical results for 20 NQ core holes and one PQ core hole were reported in Assessment Report #29748 (Ross and Scheel, 2008a).

The 2008 exploration program was downsized from previous years and included:

- continued geological mapping
- 4,105 m of NQ and HQ diamond drilling in16 holes
- the installation of two groundwater monitoring wells
- continued metallurgical testing including flotation and recovery tests
- approximately 1,020 core samples analyzed for 30 elements including Ni, Cu, Co, S, Pt and Pd

Drill logs, analytical results and cross-sections summarizing the drill program were reported in Assessment Report #30367 (Ross and Scheel, 2008b).

The 2009 exploration program was minimal, compared to previous programs, and included the following:

- air photo interpretation of surficial geology in the Flat Creek drainage
- outcrop mapping in the Flat Creek drainage
- collection of surficial data and samples from small pits and hand-auger holes in the Flat Creek drainage
- extensive metallurgical flotation test work

Work in the Flat Creek drainage basin was reported in Assessment Report #31212 (Scheel and Ross, 2009)

GEOLOGICAL SETTING

Regional Geology

The Turnagain Resource is hosted by an ultramafic complex of Early Jurassic age (Scheel, 2007) within Paleozoic metasedimentary and metavolcanic rocks assigned to the Road River Formation along the faulted terrane boundary between the cratonic margin and accreted terrane (Gabrielse. 1998). Hornfelsed metasediments found within the ultramafic complex are Early Permian (Scheel, 2007). There has been some uncertainty as to the age and origin of the Paleozoic rocks adjacent to the Turnagain ultramafic complex and Nixon (1998) has presented two interpretations. One interpretation suggests that the Paleozoic rocks are autochthonous and range in age from Cambrian to Upper Paleozoic - Triassic. An alternative interpretation, and the one favoured by Nixon, places the Turnagain ultramafic complex within an imbricated sequence of Late Paleozoic to Triassic sedimentary and volcanic rocks which were thrust eastward onto the margin of the North American craton. Support for this latter interpretation comes in part from the belief that the Turnagain ultramafic body is a zoned Alaskan-type complex and that other known examples in the northwestern Cordillera occur in accretionary terranes. Despite the differing interpretations, both place the Turnagain ultramafic body proximal to a major terrane boundary, a geological environment similar to many of the major nickel-bearing ultramafic intrusions of the Canadian Shield.

A number of non-zoned, apparently alpine-type ultramafic bodies are exposed in rocks of the Cache Creek terrane, south and west of the Turnagain ultramafic body. Most of these are strongly serpentinized and host a number of asbestos and jade occurrences.

Property Geology

The property covers the known extent of a zoned Alaskan-type ultramafic intrusion, which measures 8 km by 3 km and is elongate in a northwest direction, conformable to the regional structural grain. The ultramafic body is in fault contact with Paleozoic(?) graphitic metasedimentary rocks along its northern and eastern margins. The southern contact is poorly exposed but several drill holes have penetrated the contact and intersected deformed, graphitic, phyllitic rocks in fault contact with the ultramafic body. Locally, the phyllitic rocks display a weak brownish cast, suggestive of minor thermal alteration. Within the intrusion, hornfelsed metasediments of uncertain affinity show a range of stronger thermal effects.

The ultramafic complex consists of a central, well-exposed dunite core and an outer zone of more poorly exposed dunite, wehrlite, olivine clinopyroxenite, clinopyroxenite and hornblendite. Poorly exposed hornblendite and clinopyroxenite dominate the south-central portion of the complex (Figure 4). All of these rock types and gradations between then have been interpreted as crystal cumulates (Clark, 1980; Nixon, 1998). Narrow bands and schlieren of millimetre-sized chromite crystals have been noted in dunite exposures and drill core. Phlogopite is a minor accessory mineral but is locally conspicuous in dunite and wehrlite.

Alteration varies from weak to intense serpentinization with several types of serpentine present. Generally, serpentinization is not intense. Most of the prominent magnetic anomaly coinciding with the ultramafic generally results from magnetite produced during serpentinization rather than from cumulus magnetite. Talc replacement of narrow felsic dykes, some faults and adjacent wallrock is often intense and is interpreted to be later than most of the serpentine alteration.

Fine-grained tremolite often occurs with serpentine alteration but comprises the majority of some core intervals, particularly where clinopyroxenite appears to have been present originally.

The Turnagain ultramatic body is considered to be an Alaskan-type intrusion due to the following features (Nixon, 1998):

- orthopyroxene is lacking
- clinopyroxene compositions are diopsidic and comparable to other Alaskan-type intrusions
- ultramafic cumulates are restricted to mixtures of olivine and clinopyroxene with minor chromite, rare amphibole and trace phlogopite
- localized chromitite layers in the dunite have been remobilized to form schlieren and syndepositional folds, features that are characteristic of all Alaskan-type intrusions in British Columbia

The Turnagain intrusion is broadly zoned but, with a few local exceptions, generally lacks fine original structures such as magmatic layering.

MINERALIZATION

The Turnagain intrusion differs from most other Alaskan-type intrusions in at least one important aspect: it hosts half a dozen known occurrences of magmatic pyrrhotite-pentlandite-chalcopyrite mineralization (Figure 4). In drill core, these sulphides generally occur as disseminated zones of interstitial to blebby sulphides that locally coalesce to form net-textured zones of sulphides enclosing silicate grains. Short sections of semi-massive to massive sulphides are occasionally in contact with overlying(?) net-textured sulphides and rarely in sharp contact with only weakly disseminated sulphides. The latter occurrences are interpreted to be the result of the remobilization of primary interstitial sulphide into fractures or shears during deformation and, in rare cases, may represent original massive sulphide horizons or pods. The host rock of most of the disseminated to interstitial mineralization is dark grey coloured dunite and wehrlite. Low-grade sulphide-rich intercepts are commonly adjacent to, or within, more pyroxene-rich lithologies, whereas high-grade sulphide-rich intercepts are typically observed in serpentized dunite and wehrlite.

Short intervals of vein or massive pyrrhotite, usually with varying amounts of veinlet-stringer chalcopyrite, massive graphite and blebby to massive magnetite, are spatially related to faults and zones of intense serpentine-tremolite alteration. These sulphide occurrences usually have a lower pentlandite : pyrrhotite ratio than primary sulphide intervals and might represent partial remobilization from nearby primary sulphides during a post-magmatic event.

2010 DIAMOND DRILL PROGRAM

For the 2010 program, two HQ-size core holes were drilled into the heart of the Horsetrail mineralization to recover approximately 3,530 kg of fresh core for metallurgical flotation tests. Holes were drilled two metres apart at an azimuth of 358° and an inclination of -4°, parallel to the previously analyzed and reported core hole 08-264 (Ross and Scheel, 2008b). Since the entire core from both HQ holes was forwarded to the metallurgical facility, no core remains on site nor are there any analytical results.

Core recoveries were generally in the range of 96-98% and combined depth for the two holes is 384.05m.

DJ Drilling of Aldergrove, BC supplied the crews and equipment and conducted the drilling between mid-September to mid-October 2010. A Bell 206B helicopter from Pacific Western Helicopters of Dease Lake and a Twin Islander from Tsayta Air were used to fly the core to Dease Lake.





The recovered core was logged and photographed prior to measuring magnetic susceptibility at 50 cm intervals and specific gravity, by water immersion on 25 cm long pieces, every 5 to 10 m. Representative disks, approximately 2 cm thick, were cut from the core every 5 to 10 m as a permanent record of lithology and mineralization. Most of the core was boxed and shipped to SGS Vancouver for grinding and flotation test work.

Drill Hole Results

The locations below are given in UTM coordinates (Zone 9, NAD 83) and drill hole locations are shown in Figure 5, in relation to previously drilled holes in the Horsetrail deposit. Figure 6 is a north-south cross-section parallel to holes 10-265 and 10-266. A lithology summary of the two holes is presented below and the reader is referred to the appendices for detailed drill logs, graphs of magnetic susceptibility and specific gravity measurements.

Hole	Easting	Northing	Elevation	Azimuth	Inclination	Depth	Drill	Size
10-265	508875	6481061	1038.5 m	358.3°	-4°	179.85 m	LF70	HQ
10-266	508877	6481061	1038.5 m	358.3°	-4°	204.2 m	LF70	HQ

Since holes 10-265 and 10 266 were drilled a metre away from hole 08-264, the expected similarities in geology and mineralization were confirmed. All three holes were drilled near normal to interpreted geology and were collared in a steep-faced outcrop of olivine clinopyroxenite and wehrlite that continued to a depth of 36 m. Variably tremolite- and serpentine-altered dunite continued to a depth of 89 m. Between 89 m and 117 m the dunite is a light to medium grey colour with only minor tremolite-serpentine alteration. Serpentine and tremolite alteration then increase towards the end of the holes. Hole 10-265 ended in broken, possibly faulted, serpentinite at a depth of 179.85 m. Hole 10-266 encountered tremolite and serpentine altered olivine clinopyroxenite between 184.4 m and 202.9 m before termination in serpentinized wehrlite at 204.2 m.

Mineralization in both HQ holes comprises disseminated, intercumulus grains of pyrrhotite and pentlandite, from <0.5 mm to 4 mm in size, that locally coalesce to form 3-4 cm patches of nettextured sulphides. Between 70 and 144 m depth, the sulphide content averaged 5 percent with local increases to 8 percent. Pyrrhotite generally dominates sulphides but pentlandite can comprise 25 to 35 percent of the sulphides in the more interesting mineralized intervals. Where there is only minor tremolite-serpentine alteration of the ultramafic, the sulphide-silicate grain boundaries are sharp. With increasing serpentinization, a rind of magnetite replacing the sulphide minerals, particularly pyrrhotite, develops along the silicate-sulphide contact.

Although neither of holes 10-265 or 10-266 was submitted for analysis, the intervals between 64m and 104m appear comparable to the equivalent interval in hole 08-264, which averaged 0.45 percent nickel over 40 m.

CONCLUSION

Both HQ holes were successful in recovering a total of 3530kg of fresh core to continue Hard Creek Nickel's metallurgical flotation test work. Mineralization and degree of alteration were comparable to the earlier 08-264 NQ-size drill hole and it is anticipated the additional test work on the HQ core will improve on the recoveries and concentrate grade from work conducted on core from hole 08-264.

RECOMMENDATION

Completion of the metallurgical flotation test work, in 2010-2011 on core from holes 10-265 and 10-266, will play a significant role in determining location and extent of future exploration and fillin drilling on the Turnagain nickel deposi



REFERENCES

- Baldys, C. and Hitchins, A.(2004): Turnagain Nickel Property Diamond Drill Report on Cub Claim, BC Ministry of Energy and Mines Assessment Report #27341.
- Baldys, C. and Hitchins, A. (2005): Diamond Drill Report on Cub Claims Turnagain Ni Property, BC Ministry of Energy and Mines Assessment Report #27646.
- Baldys, C., Hitchins, A. and Northcote, B (2006): Turnagain Nickel Property, Diamond Drill Report on Cub Claims, BC Ministry of Energy and Mines Assessment Report #28101.
- Baldys, C., Hitchins, A. and Ross,G (2007): 2006 Diamond Drilling Report on the Turnagain Property, BC Ministry of Energy and Mines Assessment Report #28840.
- Brown, D. H, (1978): Assessment Report on Diamond Drilling, Nickel-Star Property, BC Ministry of Energy and Mines Assessment Report #6725.
- Burgoyne, Alfred A. (1971): Geochemical Soil Survey, Agnes and Sand Mineral Claims, Liard Mining Division, BC Ministry of Energy and Mines Assessment Report 3206.
- Clark, Thomas (1980): Petrology of the Turnagain Ultramafic Complex, Northwestern British Columbia, Canadian Journal of Earth Sciences, vol. 17, no.6, pp. 744-757.
- Cukor, V. (1980): Cub Mineral Claim, Turnagain River Area, Liard Mining Division, BC Ministry of Energy and Mines Assessment Report 8055.
- Cukor, V. (1987): Geological Report on the Cub Claims, Liard Mining Division, BC Ministry of Energy and Mines Assessment Report 16458.
- Downing, B. (1998): Turnagain Nickel-Cobalt Project, BC Ministry of Energy and Mines Assessment Report 25475.
- Downing, B. (2003): Report on Turnagain Nickel, Cobalt, Copper, PGM Project, BC Ministry of Energy and Mines Assessment Report 27119.
- Gabrielse, H. (1998): Geology of Cry Lake and Dease Lake Map Areas, North Central British Columbia, Geological Survey of Canada Bulleting 504.
- Livgard, E. (1996): Exploration 1996, Cub Claims, Liard Mining Division, BC Ministry of Energy and Mines Assessment Report 24911.
- McDougall, J.J. and Clark, T. (1972): Geological Report on the South Group Mineral Claims, Turnagain River, BC, BC Ministry of Energy and Mines Assessement Report #3735.
- McDougall, J.J. and Clark, T. (1973): Geological Report on the North Group Mineral Claims, Turnagain River, BC, BC Ministry of Energy and Mines Assessment Report 4097.
- Nixon, G.T. (1998): Ni-Cu Mineralization in the Turnagain Alaskan-type Complex: A Unique Magmatic Environment in Geological Fieldwork 1997, pp. 18-1 to 18-10.
- Page, Jay W. (1986): Report on a Geochemical Survey on the Turnagain Property, Liard Mining Division, BC Ministry of Energy and Mines Assessment Report #15994.

- Ross, G. and Scheel, J.E (2008a): 2007 Turnagain Property Diamond Drill Report, BC Ministry of Energy and Mines Assessment Report #29748.
- Ross, G. and Scheel, J.E (2008b): 2008 Diamond Drill Report on the Turnagain Property, BC Ministry of Energy and Mines Assessment Report #30367.
- Scheel, J.E. (2007): Age and Origin of the Turnagain Alaskan-type Intrusion and Associated Ni-Sulphide Mineralization, North-Central British Columbia, Canada; unpublished M.Sc. thesis, *University of British Columbia*, 210 p.
- Scheel, J.E. And Ross. G. (2009): Reconnaissance Geological and Pedological Survey of the Flat Creek Drainage, Turnagain Property #31212.
- Woods, D.V. and Downing, B. (2003): Geophysical Interpretation Report on Magnetic and Induced Polarization-Resistivity Surveys, BC Ministry of Energy and Mines Assessment Report 27119.

APPENDIX A

LIST OF TENURES

List of Tenures

Tenure Number	Claim Name	Area (ha)	Good To Date
402907	BOBNER 1	25.0	2012/jul/05
402908	BOBNER 2	25.0	2012/jul/05
402909	BOBNER 3	25.0	2012/jul/05
402910	BOBNER 4	25.0	2012/jul/05
402911	BOBNER 5	25.0	2012/jul/05
402912	BOBNER 6	25.0	2012/jul/05
407627	PUP 4	500.0	2019/jan/01
501131	Drift 1	421.965	2019/jan/12
501168	Drift 2	421.755	2019/jan/12
501234	Drift 3	421.729	2019/jan/12
501298	Drift 4	421.794	2019/jan/12
503365		793.347	2019/feb/18
508218	Dinah 1	407.204	2019/mar/03
508219	Dinah 2	407.052	2019/mar/03
508221	Dinah 3	406.859	2019/mar/03
508222	Dinah 4	406.701	2019/mar/03
508223	Dinah 5	407.096	2019/mar/03
508225	Dinah 6	407.096	2019/mar/03
508226	Dinah 7	254.575	2019/mar/03
508227	Dinah 8	407.298	2019/mar/03
508228	Dinah 9	135.529	2019/mar/03
508229	Dinah 10	203.4	2019/mar/03
510889		1627.862	2019/apr/07
510892		1219.257	2019/apr/07
510910		1424.279	2019/apr/07
510911		1066.865	2019/apr/07
510912		779.891	2019/apr/07
511214		979.883	2019/feb/18
511226		1216.076	2019/feb/18
511227		506.714	2019/feb/17
511230		760.466	2019/feb/17
511234		185.888	2019/feb/16
511244		489.918	2019/feb/18
511251		473.406	2019/feb/17
511257		1014.444	2019/feb/17
511279		896.687	2019/feb/17
511304		1149.679	2019/feb/17
511305		270.959	2019/sep/27
511306		881.166	2019/feb/19
511329		1015.364	2019/sep/27
511330		592.594	2020/dec/01
511337		1065.752	2018/dec/01
511340		253.92	2018/dec/01
511344		270.999	2019/feb/19
511347		474.339	2019/apr/07
511348		389.388	2018/dec/01
511586		236.94	2019/jan/01
511593		101.549	2019/jan/01
511627		592.115	2018/dec/01

Tenure Number	Claim Name	Area (ha)	Good To Date
511628		708.952	2019/feb/18
511629		472.918	2019/feb/18
528780	T1	67.745	2019/feb/23
528781	T2	203.314	2019/feb/23
528782	Т3	152.557	2019/feb/23
528784	T4	288.253	2019/feb/23
528787	Т5	169.649	2019/feb/23
528788	Т6	270.22	2019/feb/23
528789	Τ7	422.475	2019/feb/23
528790	Т8	253.607	2019/feb/23
570454		456.7897	2019/may/26
570455		236.9606	2019/may/26
570456		220.1722	2019/may/26
570457		16.9303	2019/may/26
609390	FLAT 7	254.5875	2018/sep/20
609394	FLAT 6	407.4018	2018/sep/20
609396	FLAT 8	203.7866	2018/sep/20
609397	FLAT 5	407.3977	2018/sep/20
609398	FLAT 4	407.3685	2018/sep/20
609403	FLAT 3	407.3103	2018/sep/20
609423	FLAT 2	407.2953	2018/sep/20
609424	FLAT 1	424.2271	2018/sep/20

Expiry dates are conidtional upon the acceptance of this assessment report.

APPENDIX B

DRILL LOGS

DRILL LOG LEGEND

Sample Data

-depths in metres -sample numbers correlate with analytical sheets

Sulphide Summary

-visual estimates in percent

Mineralogy and Description

-dominant rock forming mineral identified -content and other minerals and alterations designated

Symbol	Definition
act	actinolite
alt	altered (undetermined)
am	amphibole
an	andradite, andraditic
asb	asbestos
В	blank
b	broken
bge	beige
blk, bk	black
bn	brown
brn am	brown amphibole
blu	blue
bt	biotite, biotitic
Bx	breccia
С	competent
C/A	core axis
са	carbonate
chry	chrysotile
срх	clinopyroxene
cPx	clinopyroxenite
CS	calc-silicate
CS	calc-silicate inclusion
D	duplicate
Di	diorite
Dk	dyke
Du	dunite
ер	epidote
f	fractured
Flt	fault, faulted
fs	feldspar
gDu	green dunite
gn	green
gr	graphite, graphitic
grt	garnet, garnetiferous
gy	grey
hb	hornblende, hornblenditic
Hb	hornblendite
Hf	hornfels

Symbol	Definition
Symbol	Demittion
hz	heazlewoodite
1	intense
lt	light
М	moderate
ma	magnesite, magnesitic
mc	mica, micaceous
med	medium
mi	millerite
mk	mackinawite
mo	molybdenite
MSD	metasediment
musc	muscovite, muscovitic
Ν	none
ocPx	olivine clinopyroxenite
ol	olivine
ох	oxides
ph	phlogopite, phlogopitic
Phy	phyllite
qtz	quartz, quartziferous
sh	sheared
si	silica, siliceous
sp	serpentine, serpentinized
S	standard
tl	talc, talcose
tr	tremolite
UM	ultramafic (undetermined)
uv	uvarovite
W	weak
Wh	wehrlite
wt	white
/45	angle to core axis
/-1	no preferred angle
N2	grevish black
N3	dark grey
N4	medium dark grey
N5	medium grev
5B 5/1	medium blueish grev
5B 6/1	medium light blueish grey

HARD CR TURNAGAI DRILL LOG	IARD CREEK NICKEL CORPORATION URNAGAIN NICKEL PROJECT RILL LOG SAMPLE DATA				ION SECTION: 50885 UTM 6481061 508875 E							-	AZIM INCL	IUTH: .INATI	ON:	358.3 4°	3°		re: Gged B'	<u>Sept 27</u> Y: <u>TH</u>	<u>, 2010</u>		HOLE NO.: <u>10-265</u> PAGE: <u>1 OF 3</u>
	SAMPLE D	DATA			S	ULPH	IDES					l	MINE	RALO	GY (V	V/M/I)					DE	ESCRI	PTION
From	То	Sample No.	QC (S, D or B)	% magmatic sulphide	%non-magm sulphide	% TOTAL sulphide	pentlandite	chalcopyrite	other(mk,hz,mi,mo) [eg. mi-0.1]	dominant (ol,cpx,hb)	black serpentine	other serpentine	talc	tremolite	magnetite	chromite	graphite	asbestos	colour code	Rock type	Dominant Alteration (sp, tl, cs, hbalt?)	Structure: c,b,f,sh,ft / Angle to C/A	
0	0.2	Casing																					
0.2	8.55			0.5	0.5	0.5	0.5	0	0	срх	W	N	N	W	М	N	N		N5 med. It grey	trocPx	tr + bk sp	f/40	
8.55	35.9			1.5	0.05	1.5	0.5	0	vall.	01	М	Ν	Ν	W	М	Ν	Ν	М	N4 med grey	spWh	tr + bk sp	f/40	
35.9	47.0			2	0.05	2	0.5	0	0	sp	I	W	N	N	М	W	Ν	М	bk N2	spDu	sp	f/40	
47.0	58.0			2.5	0.05	2.5	1	0	0	01	W	N	W	М	М	Ν	N	W	5B 5/1	trDu	tr	f/50	
																			grey				
58	64.5			4	0.05	4	1.5	0	0	01	W	N	N	М	М	N	N?		5B 5/1 med. blu	trDu	sp	f/50	
64.5	69.6			3	0.1	3.1	1.5	0.05	0	sp	I	N	N	N	М	N	N		grey N2 greyish blk	spDu			Fault 68.5 - 68.8 m
69.6	78.2			5	0	5	1.5	0	0	01	W	N	Ν	М	М	Ν	Ν		5B 5/1	trDu	tr	f/30	
													10	of 34					grey				
													19	01 34									

HARD CREEK NICKEL CORPORATION TURNAGAIN NICKEL PROJECT

HOLE NO.: <u>10-265</u> PAGE: <u>2 OF 3</u>

DRILL LOG

S			S	ULPH	IDES					MINE		OGY ((W/M/	I)						DESC	RIPTION		
From	То	Sample No.	QC (S, D or B)	% magmatic sulphide	%non-magm sulphide	% TOTAL sulphide	pentlandite	chalcopyrite	other(mk,hz,mi,mo) [eg. mi-0.1]	dominant (ol,cpx,hb)	black serpentine	other serpentine	talc	tremolite	magnetite	chromite	graphite		colour code	Rock type	Dominant Alteration (sp, tl, cs, hbalt?)	Structure: c,b,f,sh,ft / Angle to C/A	
78.2	81.3			4	0.05	4	1.5	0	0	sp	I	Ν	Ν	Ν	М	Ν	W		N3	spDu	sp	f/35	
																			dk grey				
81.3	89.0			4	0	4	1	0	0	tr	М	N	N	М	М	N	W		5B 5/1 med bluish grev	trsp Du	tr,sp	f/45	
89.0	94.8			5	0	5	1.5	0	0	01	W	Ν	Ν	Ν	W	Ν	Ν		N4	Du	sp	f/50	
94.8	98.6			1	0.05	1	0.25	-	-	01	W	Ν	Ν	Ν	W	Ν	Ν		N4	Du	sp	-	
98.6	101.6			6	0.05	6	1.5	-	-	01	W	Ν	N	N	W	N	Ν		N4	Du	sp	f/30	
101.6	117.0			5	0.2	5.2	1	-	-	01	W	Ν	N	М	М	N	Ν		5B 6/1	trDu	tr,sp	f/50	
																			bluish grey				
117.0	128.5			1.5	0.05	1.5	0.3	-	-	01	М	w	w	М	М	N	N		5B 5/1	sptrDu	sp,tr		
																			med. blu grey				
128.5	142.5			5	0.05	5	1.0	-	-	01	М	W	N	W	М	Ν	Ν		N4	spDu	sp	sh/30	
																				·			
													20	of 34									

HARD CREEK NICKEL CORPORATION TURNAGAIN NICKEL PROJECT

DRILL LOG

SAMPLE DATA				SULPHIDES								MINE	RAL	OGY ((W/M/	1)			DESCRIPTION			
From	То	Sample No.	QC (S, D or B)	% magmatic sulphide	%non-magm sulphide	% TOTAL sulphide	pentlandite	chalcopyrite	other(mk,hz,mi,mo) [eg. mi-0.1]	dominant (ol,cpx,hb)	black serpentine	other serpentine	talc	tremolite	magnetite	chromite	graphite	asbestos	colour code	Rock type	Dominant Alteration (sp, tl, cs, hbalt?)	Structure: c,b,f,sh,ft / Angle to C/A
142.5	147.6			3	0.05	3	0.7	-	-	01	W	Ν	Ν	М	W	Ν	Ν		5B 5/1	trspDu	tr	f/40
147.6	154.7			1	0.05	1	.25	-	-	01	М	Ν	Ν	W	М	Ν	Ν		N4	sptrDu	sp	f/50
154.7	157.3			0.5	0.3	0.8	0.3	-	-	sp	I	W	Ν	Ν	Ι	Ν	Ν	М	N3	spDu	sp	f/20
157.3	162.0			2	0.05	2	0.5	-	-	01	М	Ν	Ν	W	М	Ν	Ν		N4	sptrDu	sp	f/50
162.0	179.85			2	0.05	2	0.5	-	-	sp	I	W	Ν	Ν	Ι	Ν	Ν		N2.5	sp	sp	f/70
																			dk grey black			
179.85	EOH																					
													21	of 34								

HOLE NO.: 10-265

PAGE: <u>3 OF 3</u>

HARD CR TURNAGA DRILL LOO	IARD CREEK NICKEL CORPORATIO URNAGAIN NICKEL PROJECT IRILL LOG SAMPLE DATA			TION SECTION: 50885 UTM 6481061 508877									AZIN INCL	IUTH: _INAT	ION:	358.3 -4°	3°	_	DATE: <u>Oct. 4, 2010</u> HOLE NO.: <u>10-266</u> LOGGED BY: <u>GPR</u> PAGE: <u>1 OF 2</u>				
	SAMPLE	DATA			S	ULPH	IDES					Ν	/INER	ALOC	GY (W	// M/I)					DESCF	riptio	N
From	То	Sample No.	QC (S, D or B)	% magmatic sulphide	%non-magm sulphide	% TOTAL sulphide	pentlandite	chalcopyrite	other(mk,hz,mi,mo) [eg. mi-0.1]	dominant (ol,cpx,hb)	black serpentine	other serpentine	talc	tremolite	magnetite	chromite	graphite	asbestos	colour code	Rock type	Dominant Alteration (sp, tl, cs, hbalt?)	Structure: c,b,f,sh,ft / Angle to C/A	
0	8.00			1.8	0.2	2	0.2	0	0	срх	W	N	W	W-M	М	Ν	Ν		ltgy	cPx	tr,sp	f/45	
8.00	24.90			1.8	0.2	2	0.1	0	0	01	М	W	Ν	W	W	Ν	W		gy	trspWh	sp,tr	c/-1	
24.90	38.75			1.3	0.2	1.5	0.3	0	0	01	М	W	W	W	М	Ν	W		dkgy	spWh	blk sp	c/-1	
38.75	41.45			0.4	0.1	0.5	0.1	0	0	sp	I	W	w	N	М	N	N		v. dkgy	Sp	blksp	f/40	
41.45	42.65			0	0	0	0	0	0	fs	N	N	Ν	N	N	N	N		v. lt. gy	DiDk	N	c/-1	
42.65	44.2			4	1	5	0.5	0	0	01	М	W	W	W	W	Ν	Ν		med gy	spWh	blksp	f/65	
44.20	45.2			0	0	0	0	0	0	fs	N	N	N	N	N	N	N		v. lt. gy	DiDk	N	c/-1	
45 20	66 50			35	0.5	4	1	0	0	01	М	w	W	w	M-I	N	w		med av	trspWh	blk sn	c/-1	
10.20	00.00			0.0	0.0	T		5											inca gy				
66.50	70.90			2	1	3	1	0	0	01	М	W	W	N	М	N	w		dkgy	spWh	blk sp	f/45	
70.90	80.50			1.8	0.2	2	0.5	0	0	01	М	W	22 W 3	4 W	М	Ν	W		med gy	spWh	blk sp	f/40	

HARD CREEK NICKEL CORPORATION TURNAGAIN NICKEL PROJECT

DRILL LOG

SAMPLE DATA				SULPHIDES				MINERALOGY (W/M/I)					DESCRIPTION												
From	То	Sample No.	QC (S, D or B)	% magmatic sulphide	%non-magm sulphide	% TOTAL sulphide	pentlandite	chalcopyrite	other(mk,hz,mi,mo) [eg. mi-0.1]	dominant (ol,cpx,hb)	black serpentine	other serpentine	talc	tremolite	magnetite	chromite	graphite	asbestos	calcite	colour code	Rock type	Dominant Alteration (sp, tl, cs, hbalt?)	Structure: c,b,f,sh,ft / Angle to C/A		
80.50	86.00			3.5	0.5	4	2	0	0	01	M-I	W	W	W	М	Ν	М			dk gy	spDu	blk sp	f/40		
																						I			
86.00	114.60			0.9	0.1	1	0.3	0	0	01	W	W	N	W	W	Ν	N			lt-med gy	Du	blk sp	o c/-1		
																						-			
114.60	129.65			1.3	0.2	1.5	0.3	0	0	01	М	W	W	W	W	Ν	W			med gy	spDu	blk sp	o c/-1		
129.65	138.80			4.5	0.5	5.0	1.5	0	0	01	М	W	W	W	W	Ν	W			med gy	spDu	blk sp	o c/-1	<u> </u>	
																								<u> </u>	
138.80	157.30			1.9	0.1	2.0	0.3	0	0	01	М	W	W	W	М	Ν	W	М		med gy	spDu	blk sp	c/-1	ļ	
																								<u> </u>	
157.30	157.70			0.1	0	0.1	0.05	0	0	sp	М	Ι	М	Ν	W	Ν	Ν	М		It-blue gy	spDu	sp+asb	. sw60	<u> </u>	
																								<u> </u>	
157.70	167.20			1.3	0.2	1.5	1	0	0	01	М	W	Ν	W	М	Ν	Ν			med gy	spDu	blk sp	c/-1		
167.20	187.40			3.5	0.5	4.0	2.5	0	0	sp	Ι	W	W	W	MI	Ν	W			dk gy blk	sp	blksp	sh/30		
187.40	202.90			5	2	7	0.5	0.05	0	срх	М	W	W	М	М	Ν	W		М	lt gy	sptrocPx	tr	f/40	·	
202.90	204.20			3	1	4	0.8	0	0	01	М	W	Ν	W	М	Ν	W			dk gy	spWh	blk sp	c/-1		
	EOH												23	of 34										1	

HOLE NO.: <u>10-266</u>

PAGE: 2 OF 2

APPENDIX C

MAGNETIC SUSCEPTIBILITY

Magnetic Susceptibility of 10-265



Magnetic Susceptibility of 10-266



APPENDIX D

SPECIFIC GRAVITY

						Drill Hole:	10-265	
HARD CR	EEK NICKE	L CORPC	Page:	<u>1</u> of <u>1</u>				
TURNAGA	AIN PROJEC	т				Date:	27-Sep-2010	
DENSITY	LOG					Core Size:	HQ	
						Logger:	TH	
						DENSITY	A or A	
							A-B V	
From	То	Rock	%	Wt in air	Wt in water	Volume	Density	Comment
(m)	(m)	Туре	Sulphide	(A)	(B)	(V)	(S.G.)	
20.3	20	Wh	1%	2163	1486		3.19	
33.0	23	Wh	1%	2277	1569		3.22	
44.0	20	spDu	2%	1783	1167		2.89	
53.7	22	Du	3%	2039	1366		3.03	
63.17	23	Du	5%	2330	1587		3.14	
73.10	19	Du	4%	1807	1220		3.08	
82.40	19	trspDu	6%	1768	1175		2.98	
92.45	20	Du	5%	2106	1455		3.24	
104.85	22	Du	4%	2326	1621		3.3	
115.00	21	Du	5%	2182	1519		3.29	
126.50	20	Du	1% (1cm px vein)	1884	1285		3.15	
135.70	22	Du	6%	2050	1393		3.12	
148.15	25	Du	2-3%	2405	1637		3.13	
159.00	21	spDu	3%	1819	1195		2.92	
169.50	15	Sp	0.5%	1395	892		2.77	
177.00	22	Sp	2%	1974	1267		2.79	

			Drill Hole:	10-266				
HARD CR	EEK NICKE	L CORPO	RATION			Page:	<u>1</u> of <u>1</u>	
TURNAGA	AIN PROJE	СТ				Date:	5-Oct-2010	
DENSITY	LOG					Core Size:	HQ	
						Logger:	TH & GR	
						DENSITY	<u>A</u> or <u>A</u>	
From	То	Bock	%	Wt in air	Wt in water	Volume	A-B V Density	Comment
(m)	(m)	Туре	Sulphide	(A)	(B)	(V)	(S.G.)	
1.3	21	spocPx	<0.5	1655	1079		2.87	
9.3	20	spocPx	<0.5	1743	1148		2.93	
19.6	22	spWh	2%	2224	1531		3.21	
30.8	20	Du	5%	1779	1216		3.16	
40.4	23	Sp	2%	1697	1101		2.85	
49.25	25	spDu	5%	2046	1378		3.06	
65.5	20	sp	5%	1619	1060		2.9	
71.5	16	sp	30%	1332	868		2.87	
75.7	18	Du	2%	1608	1073		3.01	
80.5	21	spDu	1%	1722	1132		2.92	
84.5	20	sp	6%	1624	1040		2.78	
91.6	18	Du	5%	1726	1189		3.21	
97.6	20	Du	0.5%	2006	1376		3.18	
104	20	Du	5%	2066	1419		3.19	
111.4	18	Du	2%	1746	1201		3.2	
114.5	20	Du	5%	1987	1380		3.27	
121.2	20	Du	3%	1956	1346		3.21	
126.5	20	spDu	1.50%	1791	1165		2.86	
133.8	25	spDu	2%	2250	1529		3.12	
140.2	19	spDu	1%	1926	1320		3.18	
146.6	21	Du	5%	2012	1384		3.2	
152.5	21	spDu	4%	1958	1318		3.06	
159.8	22	spDu	4%	1806	1194		2.95	
166	22	Sp	2%	1762	1155		2.9	
174.1	23	Sp	<.5%	1923	1241		2.82	
181	21	Sp	4%	1770	1163		2.92	
189.1	22	spocPx	5%	2030	1360		3.03	
197.4	20	spocPx	6%	1762	1166		2.96	
198.7	20	spocPx	20%	2234	1592		3.48	
201.8	22	spocPx	6%	2076	1393		3.04	

APPENDIX E

STATEMENT OF COSTS

	STATEMENT OF C	OSTS	6		
Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Positi	o Field Days (list actual days)	Davs	Rate	Subtotal	
Tony Hitchins/geologist	Sept. 13 – Oct. 13	31	\$540.00	\$16,740.00	
Grea Ross/geologist	Sept.14 – Sept.17: Sept. 27 – Oct. 11	20	\$464.00	\$9,280.00	
Nancy Parent /Cook, First Aid	Sept. 15 – Oct. 11	29	\$330.00	\$9,570,00	
Chuck Farrer/camp maintenance	e Sept. 13 – Oct. 15	33	\$212.08	\$6,998,64	
			φ212100	\$42,588,64	\$42,588.64
Office Studies	List Personnel (note - Office only, d	lo not in	clude field	davs	+ 12/00010 1
Report preparation		4.0	\$500.00	\$2,000,00	
Other (specify)		1.0	\$300.00	\$2,000.00	
	1	1	1	\$2,000,00	\$2,000,00
Drilling	No. of Holes, Size of Core and Metres	No.	Rate	Subtotal	\$2,000.00
Diamond	2 horizontal HO core holes for 384.05m	384.1	\$180.40	\$69,283,11	
	includes fuel mobilization site prep	5011	\$0.00	\$0.00	
		1	\$0.00	\$69 283 11	\$69,283,11
Transportation		No.	Rate	Subtotal	<i>407/200122</i>
Fixed wing Tsayta Twin Islande	er people groceries core		1.010	7902 72	
Helicopter (bours)	includes fuel	7 7hr	¢1 174 81	\$9,046,04	
Other		/./11	φ1,17 1.01	\$5,010.01	
Other		I		¢16 048 76	¢16 048 76
Accommodation & Food	Pates per day	1	1	\$10,9 1 0.70	\$10,540.70
Camp -171 person days at \$50	/day: accommodation fuel internet telen	hone	¢50.00	¢8 550 00	
Moole Crocorios Sont 15 Oct			\$J0.00	\$0,550.00	
ineals Groceries Sept.15 - Oct	.10	1	۵,403.73	416 012 72	¢16 012 72
Miscollanoous		1		\$10,013.73	\$10,013.73
Other (Specify)				¢402.02	
Other (Specify)	core logging supplies			¢402.03	¢402.02
Encight work complete	1	1	1	\$495.05	\$495.05
Preight, rock samples			4Γ 000 70	4Γ 000 70	
banusura Transportation- core i			\$5,828.73	\$3,828.73	
				¢Γ 020 72	AF 020 72
				\$5,828.73	\$5,828.73
TOTAL Expanditura	•				¢152 156 00
I U I AL EXPENDIUNCES		1		1	ΦΤΟΟ, ΤΟΟ, ΟΟ

APPENDIX F

STATEMENTS OF QUALIFICATIONS

Statement of Qualifications

ANTHONY HITCHINS

I, Anthony Hitchins, of 1648 Mayneveiw Terrace, North Saanich, B.C. hereby certify the following:

- 1) I graduated with a B.A.Sc. Degree in engineering geology from the University of Toronto in 1970 and a M.Sc in geology, also from the University of Toronto, in 1973.
- 2) From 1970 until 1994 I worked in mineral exploration in Nova Scotia, Ontario, British Columbia and Yukon for the Amax-Canamax group of companies in positions of increasing responsibility from field geologist to project manager.
- 3) Between 1994 and 1998 I was district exploration manager for Cyprus Gold in Western Australia.
- 4) Between 1998 and 2002 I worked as project manager for junior exploration companies in Nevada and British Columbia.
- 5) From 2003 to the present I have worked for Hand Creek Nickel Corp. on the Turnagain ultramafic complex as project manager.
- 6) I have performed a portion of the work reported and have prepared a portion of this report.

Anthony Hitchins

?31Dec 2010

Statement of Qualifications

GREGORY ROSS

I, GREGORY ROSS, of #301-1209 Jervis Street, Vancouver,B.C., hereby certify that:

- 1) I am a staff geologist with Hard Creek Nickel Corporation with offices at 1060 1090 West Georgia St., Vancouver, B.C.
- 2) I hold a B. Sc. in Earth Science from the University of Victoria, awarded in 2006.
- 3) I hold the designation of Geoscientist-in-Training from the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
- 4) I have prepared and a portion of the report and performed a portion of the work reported herein as a geologist for Hard Creek Nickel Corp.

Ross Ross (Gregor

23 Dec 2010 Date