OMIP SUMMARY REPORT
OF THE
1994 DIAMOND DRILL PROGRAM
AT THE
REDSTONE MINE, ELDORADO TOWNSHIP
FOR
BLACKHAWK MINING INC.
PORCUPINE MINING DIVISION
DISTRICT OF COCHRANE
ONTARIO CANADA

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February 6, 1995

LAPIERRE EXPLORATION SERVICES INC.
4449 Rowsome Rd., Elizabethtown, Ontario K6T 1B1 (613) 342-3252

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At the request of Blackhawk Mining Inc. this OMIP report was prepared to summerize the property's previous activities, to highlight the geological setting of the property, to compile the 1994 OMIP drill program and to recommend, if possible, additional work programs for property advancement.

The main objective of the diamond drill program was to confirm the downward extension of the known ore zone below the 750 foot level to 1,050 vertical feet.

Sources of information contained in this report were acquired from geological files at the Ministry of Northern Development and Mines in Timmins, Ontario, from several consultants reports and from reports and maps located at the Redstone minesite.

The author was directly responsible for all aspects of the 1994 OMIP drill program. He also held positions as exploration manager and mine geologist at the Redstone Mine from 1988 to 1990.

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SUMMARY

Blackhawk Mining Inc.'s Redstone Property is located in Eldorado Township, approximately 12 air miles southeast of Timmins, Ontario. The claim block consists of 3 leased parcels of 63 claims totalling 2,476 acres.

The property geology is associated along the south flank of the Shaw Dome and consists predominantly of rocks within the upper formation of the older Deloro Group and rocks within the lower formation of the younger Tisdale Group. The "R" Sulphide Zone orebody is associated at the contact of a sequence of hangingwall magnesium-rich ultramafic komatiitic rocks of the Tisdale Group and footwall felsic rocks of the Deloro Group. The nickel-rich orebody is also confined entirely within the felsic rocks along the edges of the orebody where it persists down dip beyond the limits of the ultramafic "pile". Nickel mineralogy consists of pentlandite with minor amounts of millerite, violarite, gersdorffite and niccolite. Chalcopyrite is the only copper-bearing mineral present.

The "R" Sulphide Zone was developed and mined to a depth of 600 feet. Partial stopping took place at the 700 foot level while partial development was completed on the 750 foot level. Ramp access was halted below the 750 foot level towards the forecasted 800 foot level. A total of 280,000 tons grading 2.55% nickel was removed between 1989 and 1992.

The 1994 OMIP diamond drill program consisted of 21 holes totalling 24,647 feet of BQ diamond drill core from 2 Longyear 38 drills. The drill program proved that the "R" Sulphide Zone continued beyond the down dip limits of the known stope development. A total of 17 holes intersected the "R" Sulphide Zone between 750 vertical feet and 1,050 vertical feet. The average arithmatic value was 4.06% nickel across 5.02'. An additional "Hangingwall" Zone was intersected in 3 holes averaging 1.71% nickel across 4.33 feet.

Considerable down dip potential exists between 1,050 vertical feet and a vertical depth of 2,400 feet where ddh T-11, drilled in 1989, intersected 2.76% nickel across 19.5 feet.

The 1994 OMIP diamond drill program results justify a follow-up drill program to outline additional reserves down to 1,050 feet, to define the down dip potential for continued nickel mineralization between 1,050 feet and 2,400 feet and to explore the entire property, paying special attention to all ultramafic/felsic contacts where additional nickel rich environments could be located.

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INTRODUCTION

1. Property Location and Description

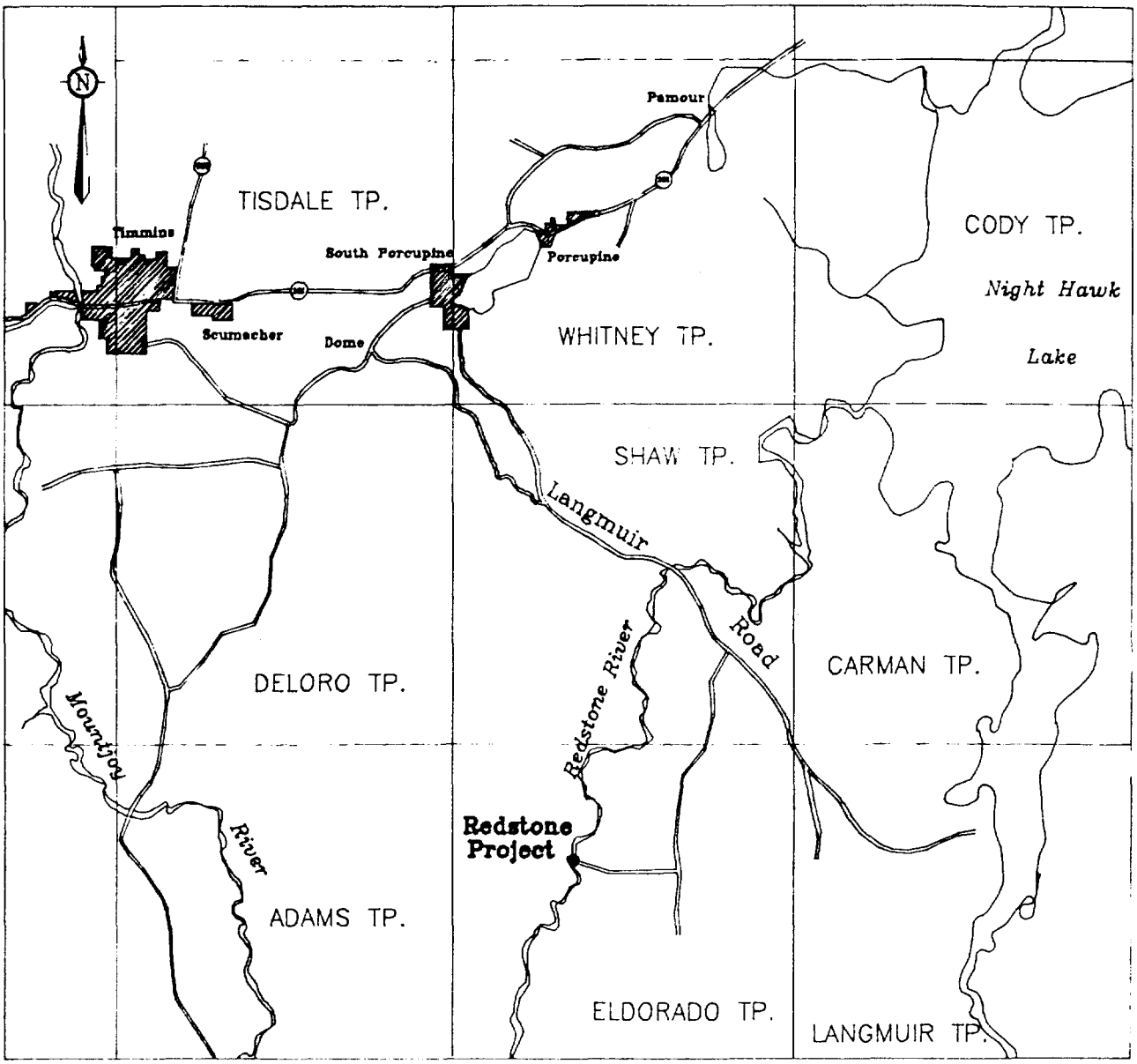
The Blackhawk Mining Inc. (BMI) Redstone property is located in the west central portion of Eldorado Township, Porcupine Mining Division, District of Cochrane, Ontario, Canada (figure 1). The property is located at longitude 81 degress 10 minutes west and latitude 48 degress 17 minutes north. The property consists of 3 mining leases (#243, 244 and 245) comprising 63 mining claims covering approximately 2,476 acres (figure 2).

The following table outlines the claim numbers and their respective mining status.

TABLE 1: Summary of claim numbers and mining status.

CLAIM #	TOTAL	STATUS
453327 to 453342	16	leased
479020 to 479034	15	leased
479037 to 479050	14	leased
475154 to 479159	6	leased
504270 to 504280	11	leased
504282	1	leased
	63	

The property is currently 100% owned by Blackhawk Mining Inc. subject to royalties.



TIMMINS AREA LOCATION MAP

SCALE

0 1 2 3 4 5 6

KILOMETERS

FIGURE 1

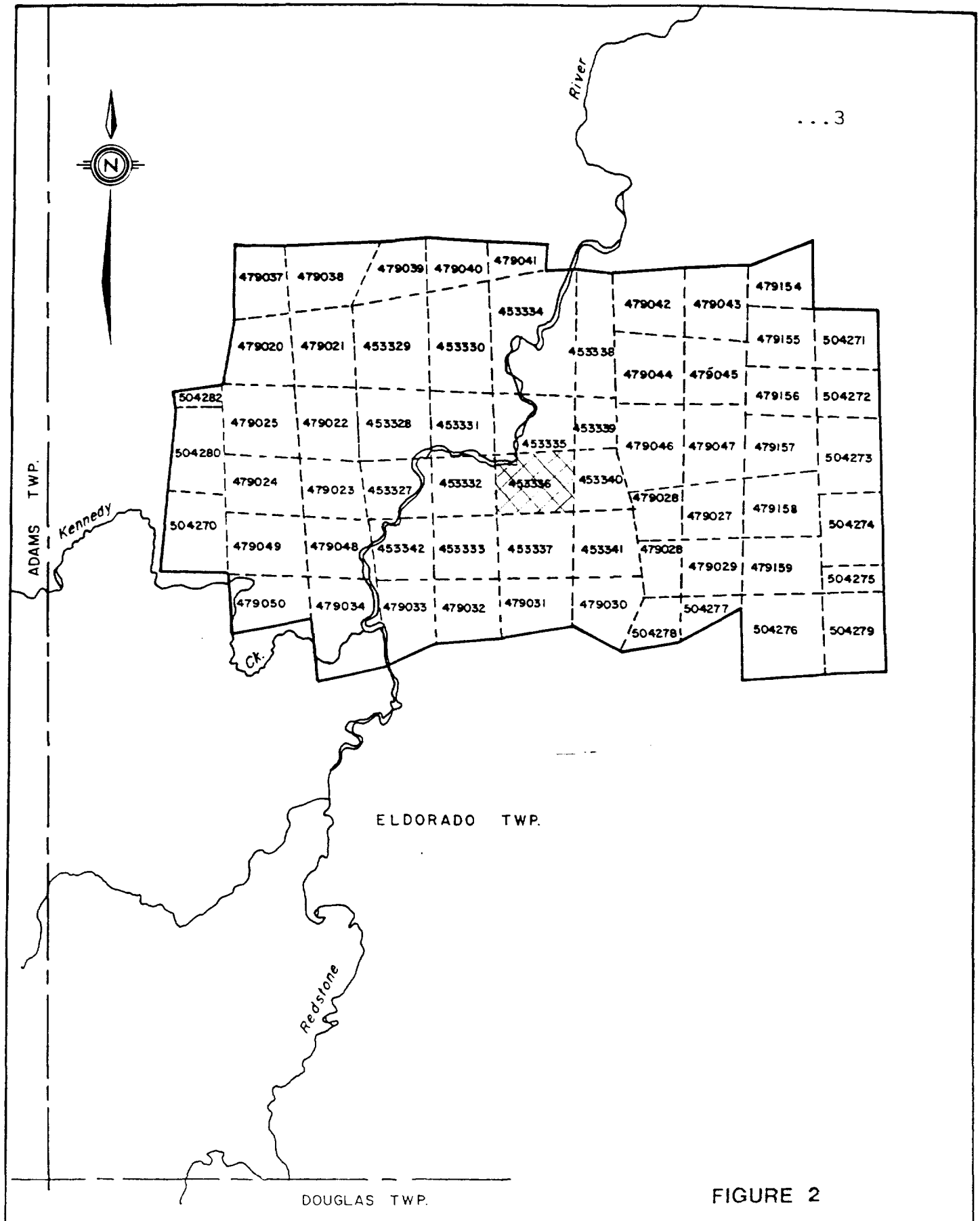


FIGURE 2

REDSTONE PROPERTY

CLAIM MAP

2. Access

Access to the property is by means of the Langmuir gravel road from South Porcupine to the Springer road/Langmuir road intersection, then travelling south on the Springer road a distance of 6 miles to the Redstone access road. At this point the Redstone access road continues west a distance of 2.2 miles to the Redstone minesite (figure 1).

3. Climate

Climatic conditions are typical for this part of Northern Ontario with an mean annual precipitation of approximately 35 inches. Winter months are from early October to late March with snowfall amounts to 10 feet with a 4 to 6 foot snowpack. Severe winter temperatures of -40 to -50 degress celsius are common for extended periods with the average winter temperature at -18 degress celsius. Summer months are from late May to early September with temperatures of +30 degress celsius common. The average summer temperature is at +18 degress celsius.

4. Topography

The topography is relatively flat with tag alder swamps, muskeg and several beaver ponds throughout the property. Isolated hills of up to 100 feet in relief are not uncommon. The northerly flowing Redstone River traverses the central portion of the property from south to north. Vegetation consists of alders, spruce, poplar and jackpine.

5. Infrastructure

The Timmins/South Porcupine area has a population base of approximately 45,000. Mining and logging make up the largest portion of the workforce in the area. Mining services, equipment dealers and materials are located in Timmins. Availability of electrical power and water resources are available on the property.

REGIONAL GEOLOGY OF THE TIMMINS AREA

The geology of the Timmins area consists predominantly of Archean and Proterozoic metavolcanic and metasedimentary rocks. These older precambrian rocks were later partially covered by unconsolidated Cenozoic deposits (figure 3). The precambrian rocks represent a 40,000 foot thick sequence of lower to middle greenschist facies volcanics and sediments. This sequence is divided into three groups known as the Deloro, Tisdale and Porcupine groups. The oldest Deloro group is a 16,000 foot sequence of basal ultramafics, andesites and basalt flows followed by dacite flows, calc-alkaline rhyolite, pyroclastic rocks and oxide to sulphide iron formations. The younger Tisdale group is a 14,000 foot thick sequence of basal ultramafic rocks and komatiites followed by tholeiitic basalts and calc-alkaline pyroclastics. The youngest Porcupine group is a 10,000 foot thick sequence of interlayered wacke, siltstone and conglomerate(Pyke, 1982).

The rocks of the Timmins area were then intruded by sill-like bodies and dikes composed of felsic to mafic components.

Stratigraphic displacement of rock types range up to

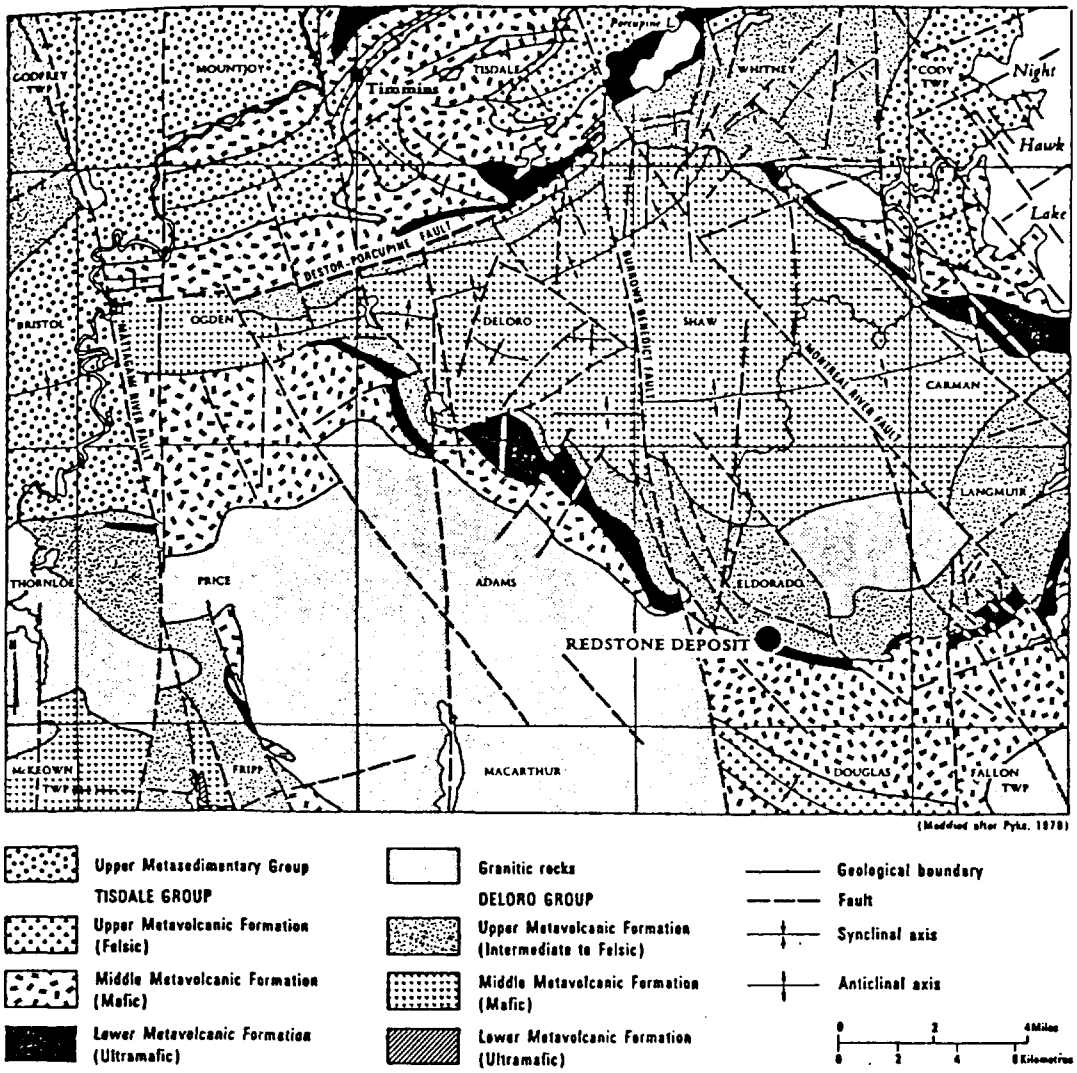


FIGURE 3: Geology of the Timmins area

thousands of feet. The most prominent fault in the area is known as the Destor-Porcupine Fault. This major structural break trends northeast, generally dips steeply north and has widths in excess of 500 feet. Other well known younger fault systems traversing the area in a northerly direction are the Montreal River and Burrows-Benedict Faults.

Structurally, the area lies within the Superior Province of the Canadian Shield. North of the Destor-Porcupine Fault, 2 major series of deformational-metamorphic events altered the rocks in the region:

1) initial north trending series of folds and
2) subsequent refolding about an east-northeast trending series of shear folds (figure 4).

South of the Destor Porcupine fault, the Shaw Dome is the main structure in the Timmins area. It is an elongated structure with metavolcanic rocks draped about an east west trending axis.

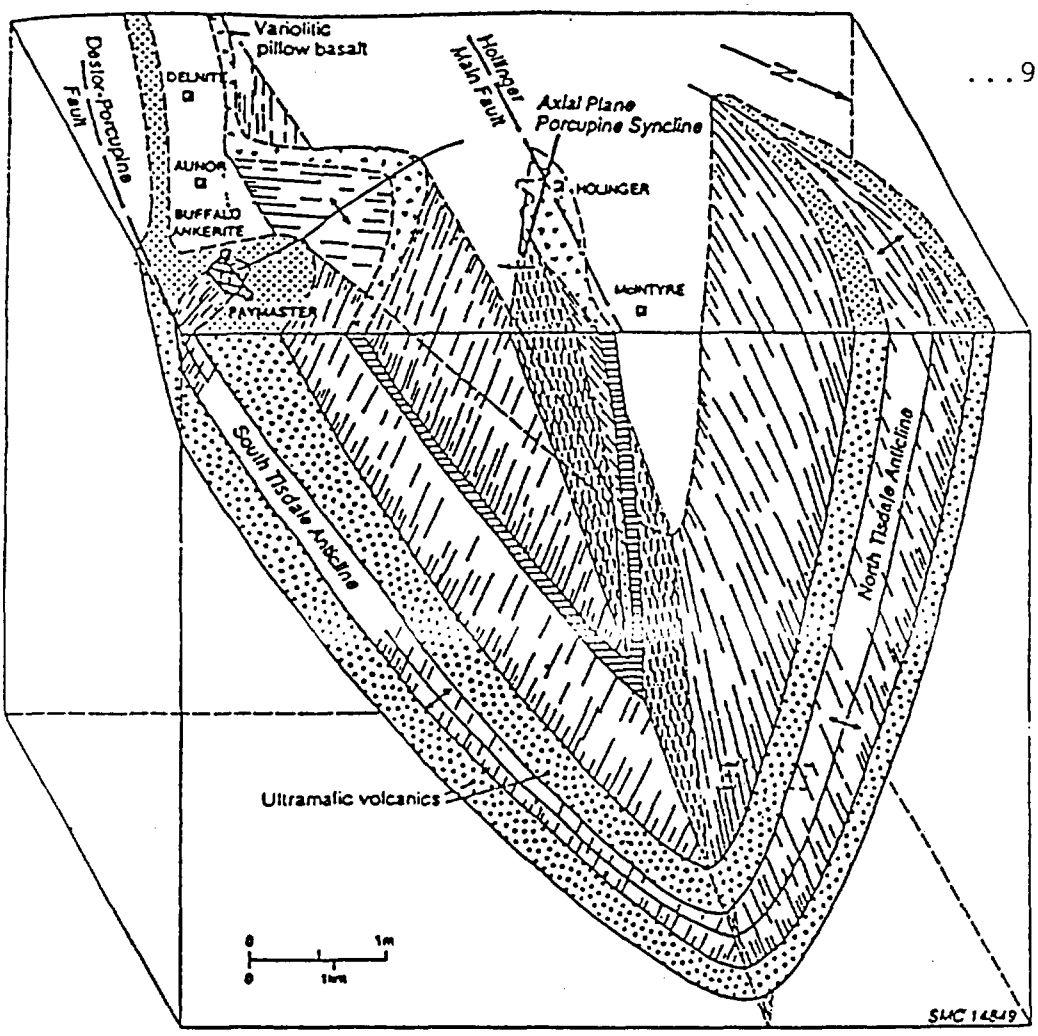


Figure 4-Diagrammatic sketch showing interpretation of main part of the Timmins gold camp; illustrates the refolding of an anticlinal structure (now represented by the South and North Tisdale Anticlines) about the easterly trending Porcupine Syncline.

Taken from D.R.Pyke's Report # 219, O.G.S.

PROPERTY GEOLOGY

The property is located along the southern flank of the Shaw Dome. The Deloro group rocks of the Shaw Dome are composed of a core of upper mafic, intermediate and felsic volcanic rocks. Several sulphide iron formations generally occur at the top of the felsic volcanic pile along the perimeter of the Shaw Dome and represents a major quiescent period in volcanism. These rocks were subsequently overlain and intergrated with a peripheral belt of younger basal Tisdale rocks composed of magnesium rich komatiitic ultramafics and basaltic volcanics (figure 5).

The rocks were then intruded by a large felsic intrusive pluton and several sill-like bodies and dikes composed of felsic to ultramafic mineralogy.

Several secondary fault splays off the main north trending Burrows-Benedict Fault cross-cut all rocks of the claim group. Stratigraphic displacement of hundreds of feet are common.

The main nickel horizon(R Sulphide Zone) is a stratabound Ni-Cu-Co sulphide deposit associated:

1) at the contact of footwall felsic Deloro group rocks and hangingwall magnesium-rich komatiite Tisdale group rocks,

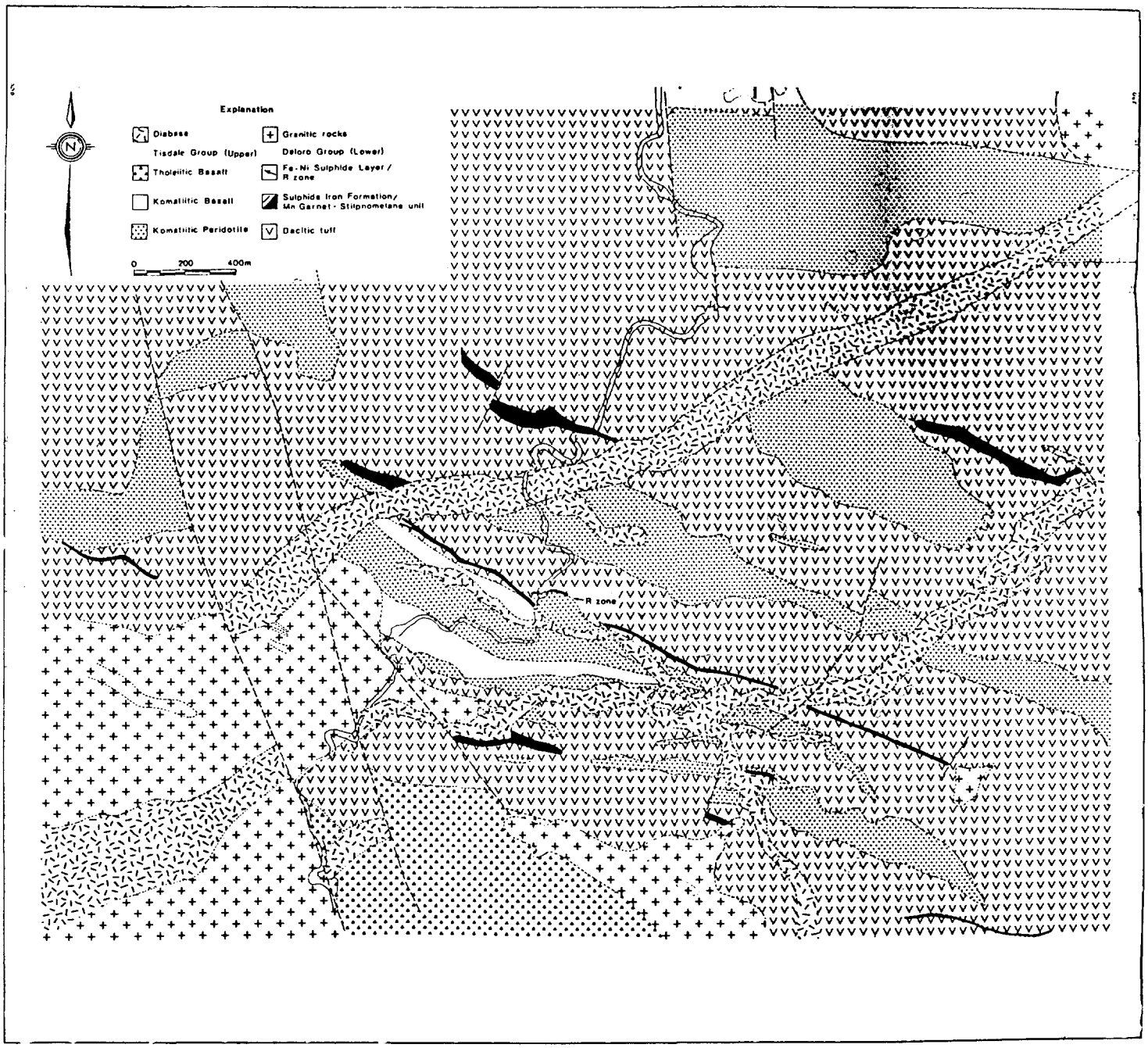


FIGURE 5: Local Geology of the Redstone Property

After Robinson, 1982.

2) entirely within the felsic Deloro group rocks conformably along the edges of the orebody and down dip beyond the limits of the ultramafic rocks.

The "R" Sulphide Zone trends conformably with the enclosing host rocks at 120-130 degress, dips variably between 10 and 90 degress and plunges in a southeasterly direction.

The principal nickel sulphide mineral of the deposit is pentlandite with minor amounts of millerite, violarite, gersdorffite and niccolite (Robinson, 1982). Chalcopyrite is the only copper-bearing mineral present. Sulphide gangue minerals include pyrrhotite and pyrite. Other components that make up the mineralized zone are carbonate, tremolite, talc, chlorite, magnetite and quartz.

Other nickel-bearing sulphide zones are associated above the main "R" Sulphide Zone and are located along the base of overlying ultramafic units.

PROPERTY HOSTORY

1950's -Mercury Investments held part of the northern claims as part of a larger block of claims staked on a gold-bearing quartz vein near the Redstone River.

1961 -Falconbridge Nickel Mines Ltd. completed geological and geophysical surveys and follow-up diamond drilling totalling 16 holes.

1964 -Mining Corporation completed geological and geophysical surveys and follow-up diamond drilling totalling 4 holes.

1968 -Canadian Nickel Company Ltd. completed surface surveys and completed 5 diamond drill holes.

1969 -R. J. Draper held 16 claims(the same 16 claims that Utah eventually staked which held the "R" Sulphide orebody).

1976-79-Utah Mines staked 16 plus a further 47 claims (Mining leases #243, 244, 245). Surface surveys were completed followed by 51 diamond drill holes. Drilling outlined the "R" Sulphide Zone and other parallel nickel-bearing zones. Reserves were 746,120 tons @ 2.29% nickel with associated copper.

1988 -BHP-Utah drilled 1 hole-R52-88 to test down dip potential of "R" Sulphide Zone. The hole

terminated at 2,022 feet in diabase.

1988 -Timmins Nickel Inc. acquired a 51% working interest in the property from BHP-Utah. Deepening of Utah's R52-88 hole intersected 2.76% nickel across 19.5 feet at a vertical depth of over 2,400 feet (T-11-89).

1989-92 -TNI commenced production from 1989 to August 1992. Production totalled 280,000 tons @ 2.55% nickel. The majority of production was from surface to 600 vertical feet. Minor production was recorded from the 700 foot level. Drift development was down to the 750 fott level. Ramp development was nearing the 800 vertical feet before the mine closed down.

1994 -Blackhawk Mining Inc. acquired and presently owns a 100% interest in the Redstone Mine subject to royalties.

-From October to December, Blackhawk Mining completed 21 holes totalling 24,647 feet of BQ diamond drill core from 2 Longyear 38 drills(refer to diamond drill section for complete information on program).

DIAMOND DRILLING

By December 22, 1994, 21 holes were completed totalling 24,647 feet. All 21 holes were drilled on claim # 453336 (part of leased claim #244).

Refer to Appendix 1 for the longitudinal map and cross-sections highlighting specific pierce point locations and assay intersections of all holes drilled in the 1994 OMIP drill program.

Refer to Appendix 2 for drill log and assay information on all drill holes.

Refer to Table 1 for specific drill information.

TABLE 1: Drill Hole Information

Hole #	Dip (Degrees)	Mine Grid Co-ord. (survey pending)	Depth (feet)	Start	End
BH94-1	-60N	L11050E/10650N	1,146	Nov 4	Nov 8
BH94-2	-60N	L11200E/10680N	1,126	Nov 11	Nov 14
BH94-3	-70N	L11340E/10880N	1,026	Nov 8	Nov 12
BH94-4	-80N	L11340E/10879N	1,116	Nov 14	Nov 77
BH94-5	-86N	L11340E/10878N	1,206	Nov 12	Nov 17
BH94-6	-70N	L11520E/10820N	1,236	Nov 19	Nov 23
BH94-7a	-65N	L10710E/10645N	1,306	Nov 17	Nov 23
BH94-8	-77N	L11520E/10819N	1,306	Nov 23	Nov 26
BH94-9	-62N	L11075E/10510N	1,418	Nov 23	Nov 27
BH94-10	-83N	L11520E/10818N	1,366	Nov 26	Dec 2
BH94-11	-73N	L11150E/10800N	1,166	Nov 27	Dec 1
BH94-12	-70N	L11700E/10900N	1,006	Dec 2	Dec 6
BH94-13	-67N	L11000E/10600N	1,276	Dec 1	Dec 6
BH94-14	-60N	L11300E/10610N	1,361	Dec 4	Dec 9
BH94-15	-50N	L11000E/10601N	1,148	Dec 6	Dec 10
BH94-16	-60N	L11100E/10700N	1,066	Dec 9	Dec 16
BH94-17	-62N	L10950E/10600N	1,116	Dec 10	Dec 14
BH94-18	-55N	L10900E/10615N	1,076	Dec 15	Dec 18
BH94-19	-57N	L11250E/10565N	1,216	Dec 16	Dec 20
BH94-20	-64N	L10900E/10614N	1,096	Dec 19	Dec 21
BH94-21	-64N	L11250E/10564N	818	Dec 20	Dec 22
Total Footage.....			24,647	Nov 4	Dec 22

DIAMOND DRILL HOLE INFORMATION

BH94-1:

BH94-1 was collared at the mine grid co-ordinates L11050E/10650N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -060 degrees. The purpose of the hole was to intersect, if present, the down dip and on strike continuation of the "R" Sulphide Zone at approximately 850 vertical feet below surface and approximately 100 feet below the known mine development. The hole was stopped at 1,146 feet. Drill casing was left in the hole.

The main ultramafic/dacite contact was encountered at 1,012.3 feet. From 1,008.2 feet to 1,012.3 feet a sulphide zone was encountered. The zone was interpreted as the "R" Sulphide Zone. Massive to semi-massive to stringers of pentlandite, was associated within a chloritized ground mass. Minor mineralization consisted of chalcopyrite, pyrite and pyrrhotite.

Table 2 outlines the "R" Zone characteristics as described in the drill log BH 94-1.

Table 2: BH94-1--"R" Zone Drill Log Description

FOOTAGE	DESCRIPTION	% NICKEL	% COPPER	PPB GOLD
1,008.2'-1,012.3'	"R" Sulphide Zone	12.91	0.71	25

1,008.2'-	massive vein-pn, py, po, cpy	12.82	1.04	43
1,009.5'	weakly magnetic			
1,009.5'-	massive vein(97%)-pn/py/po/cpy	19.40	0.49	14
1,011.0'	weakly magnetic			
1,011.0'-	sulphide stringers(15%) in a	5.51	0.64	21
1,012.3'	chlorite rich ground mass			

BH94-2

BH94-2 was collared at the mine grid co-ordinates L11200E/10700N. Azimuth direction was 030 degrees (mine grid north). Collar dip was -060 degrees. The purpose of the hole was to intersect, if present, the down dip and on strike continuation of the "R" Sulphide Zone at approximately 850 vertical feet below surface and approximately 100 feet below the known mine development. The drill was stopped at 1,126 feet. Drill casing was left in the hole.

The main ultramafic/dacite contact was encountered at 994.1 feet. The main "R" Sulphide Zone was intersected from 986' to 993.5'. Semi-massive to stringers of pentlandite was associated in a chlorite rich to hard dacitic groundmass. Minor mineralization consisted of pyrite, chalcopyrite and pyrrhotite.

Table 3 outlines the "R" Zone characteristics as described in drill log BH94-2.

Table 3: BH94-2-"R" Zone Drill Log Description

FOOTAGE	DESCRIPTION	% NICKEL	PPM COPPER
986-993.5	"R" Sulphide Zone	3.32	624
986-988	-1 to 2% irregular trending pn/py/cpy/po stringers	0.443	12
988-989	-3% irregular trending pn/py stringers	0.481	80
989-991	-trace mineralization	0.182	323
991-992.5	-40% semi-massive pn/py vein	13.620	986
992.5-993.5	-10% irregular trending pn/py/cpy/po stringers	2.73	2450

BH94-3

BH94-3 was collared at mine grid co-ordinates L11040E/10880N. Azimuth direction was 030 degrees(mine grid north). Collar dip was 70 degrees. The purpose of the hole was to intersect, if present, the down dip and on-strike continuation of the "R" Sulphide Zone at a vertical depth of 850 feet and 100 below the known mine development. The drill was stopped on at a depth of 1,026 feet. Drill casing was left in the hole.

The main ultramafic/dacite contact was encountered at 865.5'. The main "R" Sulphide Zone was intersected from 856' to 866'. Massive, semi-massive, stringer and disseminated pentlandite was associated in a chlorite rich to hard brownish black dacitic ground mass. Minor mineralization consisted of pyrite, chalcopyrite and pyrrhotite.

Table 4 outlines the "R" Sulphide Zone characteristics

as described in drill log BH94-3.

Table 4: BH 94-3--"R" Zone Drill Log Description

FOOTAGE	DESCRIPTION	% NICKEL	PPM COPPER	PPB GOLD
856-866	"R" Sulphide Zone	10.21	1469	107
856-858.3	-3% pn/py/cpy/po in foliation	0.790	804	10
858.3-860.1	-broken core(drill grinding)	0.495	247	7
860.1-861.4	-1% pn in dacite groundmass	1.600	230	60
861.4-862.4	-30% pn/cpy stringers in a dacitic groundmass	12.570	9400	34
862.4-865.4	-massive pn/py/cpy/po vein	27.480	3100	300
865.4-866	-5% pn/py stringers	3.800	912	39

BH94-4:

BH94-4 was collared at mine grid co-ordinates L11340E/10879N. Azimuth direction was 030 degrees(mine grid north) Collar dip was -80 degrees. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone below BH94-3 and east of BH94-2 which intersected 10.21% across 10' and 3.32% across 7.5' respectively. The drill was stopped at a depth of 1,116 feet. Drill casing was left in the hole.

The main ultramafic/dacite contact was encountered at 994'. The main "R" Sulphide Zone was intersected from 989' to 994.8'. Patches, blebs and local stringers of pentlandite were associated in a soft chloritic to hard dacitic groundmass. Minor mineralization consisted of pyrite pyrrhotite and chalcopyrite.

Table 5 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-4.

Table 5: BH94-4 "R" Sulphide Zone Drill Log Description

FOOTAGE	DESCRIPTION	% NICKEL	PPM COPPER	PPB GOLD
989-994.8	"R" Sulphide Zone	4.73%	--	--
989-991.3	-tr to 1% pn blebs in chl.	0.11	50	--
991.3-992	-2% pn/py/cpy patches	0.53	100	--
992-994	-30% pn/py/cpy blebs and stringers in chl. grndmass.	13.23	600	--
994-994.8	-1% pn/py in dacite	0.45	400	--

BH94-5:

BH94-5 was collared at the mine grid co-ordinates L11340E/10880N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -86 degrees. The purpose of the hole was to intersect the "R" Sulphide Zone below BH94-4 and east of T-10-89 at approximately 1,100 vertical feet. BH94-4 and T-10-89 intersected 4.73% across 5.8' and 0.61% across 4.0' respectively. The hole was stopped at 1,206 feet. The drill casing was left in the hole.

The main ultramafic/dacite contact was at 1,068 feet. The ultramafic unit was a narrow wedge of material "sandwiched" between a hangingwall quartz feldspar porphyry and the footwall dacite. The "R" Sulphide Zone was intersected from 1,067' to 1,068'. Discontinuous stringers and patches of pentlandite and pyrite were associated with a chlorite rich groundmass.

Table 6 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-5.

Table 6: BH94-5 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	% NICKEL	PPM COPPER	PPB GOLD
1066-1070	"R" Sulphide Zone	0.56	--	--
1066-1067	QFP-hard, non-mineralized	0.040		
1067-1068	patches/stringers of pn, py in a chlorite groundmasss	2.110		
1068-1070	dacite-hard non-mineralized	0.036		

BH94-6

BH94-6 was collared on at the mine grid co-ordinates L11520E/10820N. Azimuth direction was 033 degrees(approximately 3 degrees east of mine grid north). Collar dip was 70 degrees north. The purpose of the hole was to extend, if possible, the "R" Zone 200 feet east of BH94-3 which intersected 10.21% across 10'. The hole was stopped at 1,236 feet. Drill casing was left in the hole.

The main ultramafic/dacite contact was at 894.2 feet. The "R" Zone was at 890.2' to 894.2'. A massive lens was intersected at the contact. This lens consisted of pyrrhotite, pentlandite and pyrite.

Table 7 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-6.

Table 7: BH94-6 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%
890.2-894.2	"R" Sulphide Zone	1.01
890.2-891	ultramafic volcanic-tr. sulphides	0.138
891-893.1	ultramafic volcanic-tr. sulphides	0.152
893.1-894.2	90% lens of po, pn, py	3.290

BH94-7a

BH94-7a was collared at mine grid co-ordinates L10710E/10645N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -65 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone approximately 125 feet west of hole T-12-89 which intersected 2.31%% nickel across 4 feet, approximately 110 feet below the ultramafic/dacite contact. The hole was stopped at 1,306 feet. Drill casing was left in the hole.

A banded iron formation/dacite contact was encountered at 871 feet. The "R" Sulphide Zone was encountered entirely within dacite from from 1,085.5' to 1092'. Mineralization consisted of up to 5% blebs and discontinuous stringers of pyrrhotite and pyrite in a chloritized dacitic groundmass.

Assay results of this zone returned values up to 76ppm nickel. The approximate pierce point was at 990 vertical feet, approximately 125 feet lower than anticipated.

BH94-8

BH94-8 was collared at the mine grid co-ordinates L11520E/10819N. Azimuth direction was 033 degrees(approximately 3 degrees east of the mine grid north). Collar dip was 77 degrees north. The purpose of the hole was to intersect, if present, the "R" Zone below BH94-6 which intersected 1.01% nickel across 4 feet. The hole was stopped at 1,306 feet. Drill casing was left in the hole.

A hangingwall dacite/footwall ultramafic contact was intersected at 992 feet. Mineralization associated with this contact were patches, blebs, stringers and massive lenses of pyrrhotite, pyrite and traces of pentlandite. Quartz rich material was observed in several areas associated with the sulphide mineralization. This sulphide zone is interpreted as a pentlandite poor phase of the "R" Sulphide Zone. From 984.7' to 1016.4' the zone yielded 0.133% nickel across 31.7'. The best intersection was .23% nickel across 2.8' from 1,005' to 1007.8' or 0.2% across 6.0' from 1,005' to 1,011'.

BH94-9

BH94-9 was collared at mine grid co-ordinates L11075E/10510N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -62 degrees north. The

purpose of the hole was to intersect, if present, the "R" Sulphide Zone approximately 125 feet west of hole T-10-89 which intersected 0.61% nickel across 4 feet at the ultramafic/dacite contact. The hole was stopped at 1,418 feet. Drill casing was left in the hole.
The main ultramafic/dacite contact was encountered at 1,199 feet. The main "R" Sulphide Zone was encountered from 1,194.1' to 1,199'. Mineralization consisted of trace to 1% patches and disseminations of pentlandite. Concentrations up to 3% were associated proximal to the ultramafic/dacite contact. A narrow 1/4" wide pentlandite seam was along the contact at 1,199'. No pyrrhotite mineralization was observed associated with the "R" Zone.

Table 8 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-9.

TABLE 8: BH94-9 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%
1194.1-1199	"R" Sulphide Zone	1.00%
1194.1-1196	talc rich UM-1% pn	0.157
1196-1197	talc rich UM-1% pn	0.202
1197-1199	3% blebs/stringers of pn	2.210

BH94-10

BH94-10 was collared at mine grid co-ordinates L11520E/10818N. Azimuth direction was 033 degrees(3

degrees east of mine grid north). Collar dip was -83 degrees. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone below BH94-6 and approximately 200 feet east of BH94-5 which intersected 0.56% nickel across 4 feet.

Several sequences of ultramafic/dacite horizons were interesected from 1,093 feet to 1,294 feet. Two sulphide zones were encountered within a dacite unit which in turn were "sandwiched" between two ultramafic units. The upper sulphide zone was associated with pyrrhotite while the lowermost sulphide zone was void of pyrrhotite.

The hole failed to intersect the pentlandite rich phase of the "R" Sulphide Zone. The best intersection was associated with a tremolite rich section within dacite. It intersected 0.231% nickel from 1,116'to 1120.4'.

BH94-11

BH94-11 was collared at mine grid co-ordinates L11150E/10800N. Azimuth direction was 030 degrees(mine grid north). Collar dip was 73 degrees. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone approximately 200 feet west of hole BH94-4 which intersected 4.73% nickel across 4.1' and 200' east of TB-B-89 which intersected no appreciable nickel

values. The hole was stopped at 1,166'. Drill casing was left in the hole.

The main ultramafic/dacite contact was encountered at 958.2'. The "R" Sulphide Zone was encountered at 953' to 958.2'. A massive 2' thick pentlandite vein and associated blebs and stringers of pentlandite were observed in the zone. Minor mineralization consisted of chalcopyrite and pyrite. No pyrrhotite was detected in the system.

Table 10 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-11.

Table 10: BH94-11 "R" Sulphide Zone Drll Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
953-958.2	"R" Sulphide Zone	8.72%	0.29	0.067
953-954.6	tremolite blades-trace pn	00.17	0.005	0.002
954.6-956.6	Massive pn vein-tr. cpy/py	21.04	0.680	0.159
956.6-957.6	2-3% pn blebs/stringers	02.98	0.150	0.020
957.6-958.2	tr. to 1% pn in dacite	00.04	--	--

BH94-12

BH94-12 was collared at mine grid co-ordinates L11700E/10900N. Azimuth direction was 030 degrees(mine grid north). Collar dip was 70 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone approximately 150 feet east of BH94-6 which intersected 1.0% nickel across 4'.

The hole failed to intersect appreciable quantities of nickel. The highest value in the hole was 946 ppm nickel across 1.4'. A sulphide zone was intersected from 786' to 806'. Mineralization consisted of massive and semi-massive veins of pyrrhotite and pyrite. The best nickel value in this zone was 404 ppm across 5 feet.

BH94-13

BH94-13 was collared at mine grid co-ordinates L11000E/10600N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -67 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone slightly above and 50 east of TB-B-89 which intersected 0.02% across 4 feet and 150 feet west of BH94-11 which intersected 8.72% nickel across 5.2'. The hole was terminated at 1,276 feet. Drill casing was left in the hole.

Two sequences of ultramafic/dacite units were interesected from 992' to 1069.8'. Two nickel rich sulphide zones were encountered along both contacts of an ultramafic unit. The upper sulphide zone (Hangingwall Zone) was associated at a hangingwall dacite/footwall ultramafic contact at 1,035'. The second zone("R" Sulphide Zone) was associated at the lower hangingwall ultramafic/footwall dacite contact at

1.069.8'.

The Hangingwall Zone consisted of 10-15% irregular semi-massive discontinuous stringers of pyrrhotite, pentlandite, pyrite and chalcopyrite within a grey dacite groundmass.

The "R" Sulphide Zone consisted of 10-35% blebs, patches, and semi-massive to massive stringers and veins of pyrrhotite, pentlandite, pyrite and chalcopyrite within a chloritized/carbonated ultramafic groundmass.

Table 11 outlines the Hangingwall Zone characteristics as described in drill log BH94-13.

TABLE 11: BH94-13 Hangingwall Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
1029.8-1033.8	Hangingwall Zone	2.16	0.13	0.12
1029.8-1032.5	10-15% po,pn, py, cpy str.	3.14	0.19	0.17
1032.5-1033.8	tr.-2% po, pn blebs	0.12	0.004	0.003

Table 12 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-13.

TABLE 12: BH94-13 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
1064.2-1068.5	"R" Sulphide Zone	4.56	0.18	0.08
1064.2-1065.7	10-15% blebs/stringers of po/pn/py/cpy	2.96	0.07	0.04
1065.7-1068.5	35% str./veins of po/pn/cpy	5.42	0.24	0.10

Additional sampling was completed between the 2 zones

where drill core indicated 2%-5% blebs and patches of po/pn mineralization throughout the ultramafic pile. Samples returned values up to 0.71% nickel across 5 feet.

From 1029.8' to 1068.5' the entire ultramafic pile, including both zones yielded 1.02% nickel across 38.7 feet.

BH94-14

BH94-14 was collared at mine grid co-ordinates L11300E/10610N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -60 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone between and west of BH94-3 and BH94-4 which intersected 10.21% across 10 feet and 4.73% across 5.8 feet respectively. The hole was terminated at 1,361 feet. Drill casing was left in the hole.

The main ultramafic/dacite contact was encountered at 1,036.5 feet. The "R" Sulphide Zone was intersected at this contact. Weak pentlandite and chalcopyrite mineralization was associated in discontinuous stringers in a soft talc rich groundmass. No pyrrhotite was detected in the system.

Table 14 outlines the "R" Sulphide Zone characteristics

as described in drill log BH94-14.

TABLE 14: BH94-14 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
1033.5-1037.5	"R" Sulphide Zone	0.54		
1033-1035	talc rich ultramafic	0.145		
1035-1036	" " "	0.134		
1036-1036.5	20% pn stringers	2.890	0.04	0.03
1036.5-1037.5	dacite-trace pn.	0.356		

BH94-15

BH94-15 was collared at mine grid co-ordinates L11000E/10601N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -50 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone below the 700 foot level and above and 50' west of BH94-1 which intersected 12.91% across 4.1 feet. The hole was terminated at 1,148 feet. Drill casing was left in the hole.

Two sequences of ultramafic/dacite units were interesected from 830.9' to 969.2'. Two nickel rich sulphide zones were encountered along both contacts of an ultramafic unit. The upper sulphide zone (Hangingwall Zone) was associated at a hangingwall dacite/footwall ultramafic contact at 915.7'. The second zone("R" Sulphide Zone) was associated at the lower hangingwall ultramafic/footwall dacite contact at 969.2'.

The Hangingwall Zone consisted of 2% to 15% irregular discontinuous stringers of pyrrhotite, pentlandite, pyrite and chalcopyrite within a grey dacite groundmass.

The "R" Sulphide Zone consisted of 5% to 20% blebs, patches, and discontinuous stringers of pentlandite, pyrite, chalcopyrite and trace pyrrhotite within a chloritized/carbonated ultramafic groundmass.

Table 15 outlines the Hangingwall Zone as described in drill log BH94-15.

TABLE 15: BH94-15 Hangingwall Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
913-917	Hangingwall Zone	1.9	0.03	0.021
913-914.6	2% str. of po/pn	0.58	0.04	0.01
914.6-915.8	10-15% str of pn/po/cpy	4.93	0.29	0.09
915.8-916.5	tr-1% blebs of po/pn	0.99	0.04	0.15
916.5-917	ultramafic tr. pn	0.09	-	-

Table 16 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-15.

TABLE 16: BH94-15 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
964.5-969.2	"R" Sulphide Zone	3.05	0.03	0.021
964.5-966.5	tremolite-tr. pn/py	1.18	0.01	0.01
966.5-968.5	5-8% blebs/stringers of pn	3.41	0.02	0.02
968.5-969.2	20% str. of pn/cpy/po	7.34	0.12	0.05

Additional sampling was completed between the 2 zones where drill core indicated trace to 3% blebs and patches of po/pn mineralization throughout the

ultramafic pile. Samples returned values up to 0.43% nickel across 1.7 feet.

From 913'to 969.2' the entire ultramafic pile, including both zones yielded 0.53% nickel across 56.2 feet.

BH94-16

BH94-16 was collared at mine grid co-ordinates L11100E/10700NN. Azimuth direction was 030 degrees(mine grid north). Collar dip was -60 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone at the 800' level, east of BH94-15 which intersected two nickel zones of 1.9 % across 4 ' and 3.05% across 4.7'. The hole was stopped 1,066 feet. Drill casing was left in the hole.

The "R" Sulphide Zone was intersected at the main ultramafic/dacite contact from 940.2' to 946.5'. It consisted of blebs, patches and discontinuous stringers of pentlandite within a soft, chloritized/carbonated ultramafic groundmass. Minor chalcopyrite and pyrite was observed within the zone. Trace pyrrhotite was detected in the zone.

Table 17 outlines the "R" Sulphide Zone as described in drill log BH94-16.

TABLE 17: BH94-16 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
940.2-946.5	"R" Sulphide Zone	3.78%	0.13	0.024
940.2-942.3	trace pent. blebs	0.395	0.01	0.006
942.3-944.4	3-5% pn, po in carb strs.	2.87	0.07	0.023
944.4-945.6	20% pn, cpy stringers	9.35	0.13	0.050
945.6-946.5	10% pn/cpy patches/strs.	6.40	0.53	0.034

BH94-17

BH94-17 was collared at mine grid co-ordinates L10950E/10615N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -62 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone 100' west of BH94-1 which intersected 12.91% across 4.1 feet. The hole was terminated on 1,166 feet. Drill casing was left in the hole.

The main ultramafic/dacite contact was intersected at 949'. No mineralization was detected at this contact. A tremolite rich section was intersected within dacite from 989' to 990.2'. This section yielded 0.11% nickel. No other values of interest were detected in the hole.

BH94-18

BH94-18 was collared at mine grid co-ordinates L10900E/10615N. Azimuth direction was 030 degress(mine grid north). Collar dip was -55 degress north. The purpose of the hole was to intersect, if present, the

"R" Sulphide Zone 100' west of BH94-15 which intersected two zones of 1.90% nickel across 4 feet and 3.05% nickel across 4.7 feet.

Two sequences of ultramafic/dacite units were interesected from 849.3' to 971.6'. Two nickel rich sulphide zones were encountered along both contacts of the lowermost ultramafic unit. The upper sulphide zone (Hangingwall Zone) was associated near the hangingwall dacite/footwall ultramafic contact at 951'. The second zone("R" Sulphide Zone) was associated at the lower hangingwall ultramafic/footwall dacite contact at 971.6'.

The Hangingwall Zone consisted of up to 3% stringers and blebs of pentlandite and chalcopyrite within a ultramafic groundmass.

The "R" Sulphide Zone consisted of up to 10% blebs, patches, and semi-massive to massive stringers and veins of pentlandite, chalcopyrite and pyrrhotite within a dacitic to ultramafic groundmass.

Table 18 outlines the Hangingwall Zone characteristics as described in drill log BH94-18.

TABLE 18: BH94-18 Hangingwall Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
956-961	Hangingwall Zone	1.15	-	-
956-961	3% pn stringers in chlorite	1.15	-	-

Table 19 outlines the "R" Sulphide Zone characteristics as described in drill log BH94-18.

TABLE 19: BH94-18 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
968.2-972.3	"R" Sulphide Zone	3.17	0.15	0.032
968.2-969.2	2% pn/py/po in dacite	0.305	0.03	0.004
969.2-971.6	10% pn/cpy/po/py blebs/str	4.31	0.22	0.045
971.6-972.3	3-5% pn/po blebs/strs	3.36	0.09	0.027

Additional sampling was completed between the 2 zones where drill core indicated trace to 3% blebs and patches of pentlandite mineralization throughout the ultramafic pile. Samples returned values up to 1.02%% nickel across 5 feet.

From 956' to 972.3' the entire ultramafic pile, including both zones yielded 1.45% nickel across 16.3 feet.

BH94-19

BH94-19 was collared at mine grid co-ordinates L11250E/10565N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -57 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone 50 west of BH94-14 which intersected

0.54% across 4 feet. This hole would determine a more accurate area of influence for BH94-14. The hole was terminated at 1,216 feet. Drill casing was left in the hole.

The "R" Sulphide Zone was intersected at a hangingwall QFP/footwall dacite contact at 1,046.1 feet. Mineralization of up to 5% pentlandite was associated in discontinuous stringers and patches in a hard dacitic groundmass. No pyrrhotite was detected in the system.

Table 20 outlines the "R" Sulphide Zone as described in drill log BH94-19.

TABLE 20: BH94-19 "R" Sulphide Zone Drill Log Characteristics

FOOTAGE	DESCRIPTION	NICKEL%	Cu%	Co%
1047.6-1051.9	"R" Sulphide Zone	1.21%	0.02	0.01
1047.6-1049.2	tr.-1% pn. in dacite	0.73	0.004	0.007
1049.2-1050.8	2-5% pn. blebs/str.	2.09	0.020	0.016
1050.8-1051.9	tr. pn. in dacite	0.61	0.005	0.009

BH94-20

BH94-20 was collared at mine grid co-ordinates L10900E/10564N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -64 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone at the 1,000' level and 100' west of BH94-13 which intersected 2 zones of nickel; 2.16%

across 4' and 4.56% across 4.3'. The hole was terminated at 1,096 feet. Drill casing was left in the hole

The main ultramafic/dacite contact was intersected at 922'. No mineralization was associated at this contact. Mineralization of up to 5% discontinuous stringers and patches of pyrrhotite, pyrite and pentlandite were associated in hard dacitic groundmass at 991.7' to 993.5'.

Assay results returned 1.36% nickel across 1.8 feet.

BH94-21--HOLE ABANDONED

BH94-21 was collared at mine grid co-ordinates L11250E/10564N. Azimuth direction was 030 degrees(mine grid north). Collar dip was -64 degrees north. The purpose of the hole was to intersect, if present, the "R" Sulphide Zone at the 1,000' level and 100' west of BH94-4 which intersected 4.73% across 5.8. The hole was terminated at 818 feet.

Hole abandonment was caused by a major discharge of fault gouge and rock fragments at 567' to 577'. Initial drilling through this fault area gave no indication of a future fault breakdown. Diamond drilling had continued to 818 feet when the fault breakdown occurred. Reaming and washing of the hole

for 36 hours was not successful. The fault zone was forcing slimes, cuttings and rock fragments over 40 feet up the hole above the fault zone.

The fault was located over 500 feet above the ore horizon at the 1,000 foot level. Previous drill holes surrounding BH94-21 did not encounter problems with this fault zone.

Table 21 summarizes the "R" Sulphide Zone intersections in the 1994 OMIP drill program.

TABLE 21: "R" Sulphide Zone Intercepts

HOLE #	THICKNESS	NICKEL
BH94-1	4.1'	12.91%
BH94-2	7.5'	3.32%
BH94-3	10.0'	10.21%
BH94-4	5.8'	4.73%
BH94-5	4.0'	0.56%
BH94-6	4.0'	1.01%
BH94-7	-	-
BH94-8	6.0'	0.20%
BH94-9	4.9'	1.00%
BH94-10	4.4'	0.23%
BH94-11	5.2'	8.72%
BH94-12	-	-
BH94-13	4.3'	4.56%
BH94-14	4.0'	0.54%
BH94-15	4.7'	3.05%
BH16-94	6.3'	3.78%
BH94-17	-	-
BH94-18	4.1'	3.17%
BH94-19	4.3'	1.21%
BH94-20	1.8'	1.36%
BH94-21	=	=
average =	5.02'	4.06%

Table 22 summarizes the "Hangingwall Zone intersections in the 1994 OMIP drill program.

TABLE 22: Hangingwall Zone Intercepts

HOLE #	THICKNESS	NICKEL
BH94-13	4.0'	2.16%
BH94-15	4.0'	1.96%
BH94-18	5.0'	1.15%
average	4.33'	1.71%

OBSERVATIONS

1) A total of 21 exploration holes were drilled totalling 24,647 feet of BQ drill core.
2) The "R" Sulphide Zone was intersected in 17 of the 21 holes. The grades and widths of the "R" Sulphide Zone ranged from 1.36% across 1.8' to 10.21% across 10'. The average arithmatic value from 17 holes was 4.06% nickel across 5.02 feet.
3) A Hangingwall Zone was intersected in 3 drill holes. The grades and widths ranged from 2.16% across 4.0' to 1.15% across 5.0'. The average arithmatic value from 3 holes was 1.71% across 4.33 feet.
4) The "R" Sulphide Zone was intersected from 750 vertical feet to over 1,050 vertical feet. The strike length of the zone varied between 500 and 800 feet.

CONCLUSIONS

The 1994 OMIP diamond drill program confirmed the downward extension of the "R" Sulphide ore zone from 750 vertical feet to a depth of over 1050 feet. Furthermore, the program was successful in intersecting an additonal parallel zone ("Hangingwall" Zone).

Considerable potential still exists between 1,050' and 2,400' where T-11-89 yielded 2.76% nickel across 19.5'.

RECOMMENDATIONS

The successful completion of the 1994 OMIP diamond drill program justifies a multi-phase exploration program consisting of:

1) continued diamond drilling between 1,050 vertical feet and 2,400 vertical feet where the "R" Sulphide Zone was intersected in previous drilling (2.76% across 19.5').
2) A surface program of geological and geophysical surveys over the entire property paying special attention to all ultramafic/felsic contacts where the potential exists to locate additional nickel rich environments.

The successful completion of this program would substantially increase the reserve base on the "R" Sulphide Zone as well as locating additional nickel-bearing horizons on the property.

Kenneth J. Lapierre HBSc. FGAC.
consultant geologist

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DECLARATION

I, Kenneth J. Lapierre, of the city of Brockville, Province of Ontario, Canada, do state:

1. that I am a practising consulting geologist with an office at 4449 Rowsome Road, Elizabethtown, Ontario with an additional mailing address at P.O. Box 1433, Timmins, Ontario, P4N 7N2,

2. that I am a university graduate with the degree of Honours Bachelor of Science majoring in Geology from The University of Western Ontario, London, Ontario, Canada,

3. that I have practised my profession as consulting geologist since my graduation from The University of Western Ontario in 1983,

4. that I am a Fellow of the Geological Association of Canada and a member of the Prospectors and Developers Association of Canada,

5. that I am familiar with the material in this report, having completed the report myself and that I directly supervised the 1994 surface diamond drill program,

6. that I do not have, nor do I intend to receive any direct or indirect financial interest or securities in the company or property described in this report, except for regular fees for work completed.

Dated this 6th day of February, 1995
Timmins, Ontario

GEOLOGICAL ASSOCIATION OF CANADA
Ken Lapierre
FELLOW

Kenneth J. Lapierre HBSc. FGAC.
consultant geologist

APPENDIX 1: LONGITUDINAL MAP & CROSS-SECTIONS

9900

L50

9400

L550

8900

L1050

8400

L1550

7900

L2050

7400

L2550

6900

10000E

10500E

11000E

11500E

12000E

12500E

MINE DEVELOPMENT

-600' LEVEL

-700' LEVEL

R-43

TB-C

R51

BH-12

BH-15

BH-16

T-12

BH-18

BH-2

BH-3

BH-6

BH-17

BH-1

BH-14

BH-19

BH-20

BH-13

BH-11

BH-4

BH-8

BH-7

TB-B
NV

BH-21

BH-9

T-10

BH-5

BH-10

TB-F
MS
NV

TB-G
UM/Vd

Blackhawk Mining Inc. Holes
Assay Data

BH94-1 – 9.25%/4.4'
BH94-2 – 3.32%/6.3'
BH94-3 – 10.21%/8.0'
BH94-4 – 4.73%/4.1'
BH94-5 – 0.54%/4.0'
BH94-6 – 1.01%/4.0'
BH94-7 – No Values
BH94-8 – 0.23%/4.4'
BH94-9 – 1.0%/4.4'
BH94-10 – 0.2%/6.0'
BH94-11 – 8.72%/4.7'
BH94-12 – No Values
BH94-13 – 2.16%/4.0'
– 4.56%/4.3'
BH94-14 – 0.54%/4.0'
BH94-15 – 1.9%/4.0'
– 3.05%/4.0'
BH94-16 – 3.78%/5.8'
BH94-17 – 0.11%/1.0'
BH94-18 – 1.15%/5.0'
– 3.17%/4.1'
BH94-19 – 1.12%/4.0'
BH94-20 – 0.61%/4.0'
BH94-21 – Hole Abandoned

Assay Data – Other Holes
T-10-89 – 0.61%/4.0'
T-12-89 – 2.31%/4.0'
TB-C-89 – 1.61%/4.0'
– 4.05%/4.0'
R43-78 – 0.4%/10'
– 1.85%/4.0'
R51-78 – 4.73%/5.5'

TB-D
MS
NV

TB-A
UM/Vd

TB-E
1.14%/1.5'

TB-4
NV

TB-1
0.38%/1.0'

TB-11
2.76%/19.5'

TB-2
1.38%/14.5'

TB-3
5.28%/6.7'
1.51%/4.4'

6400

L3550

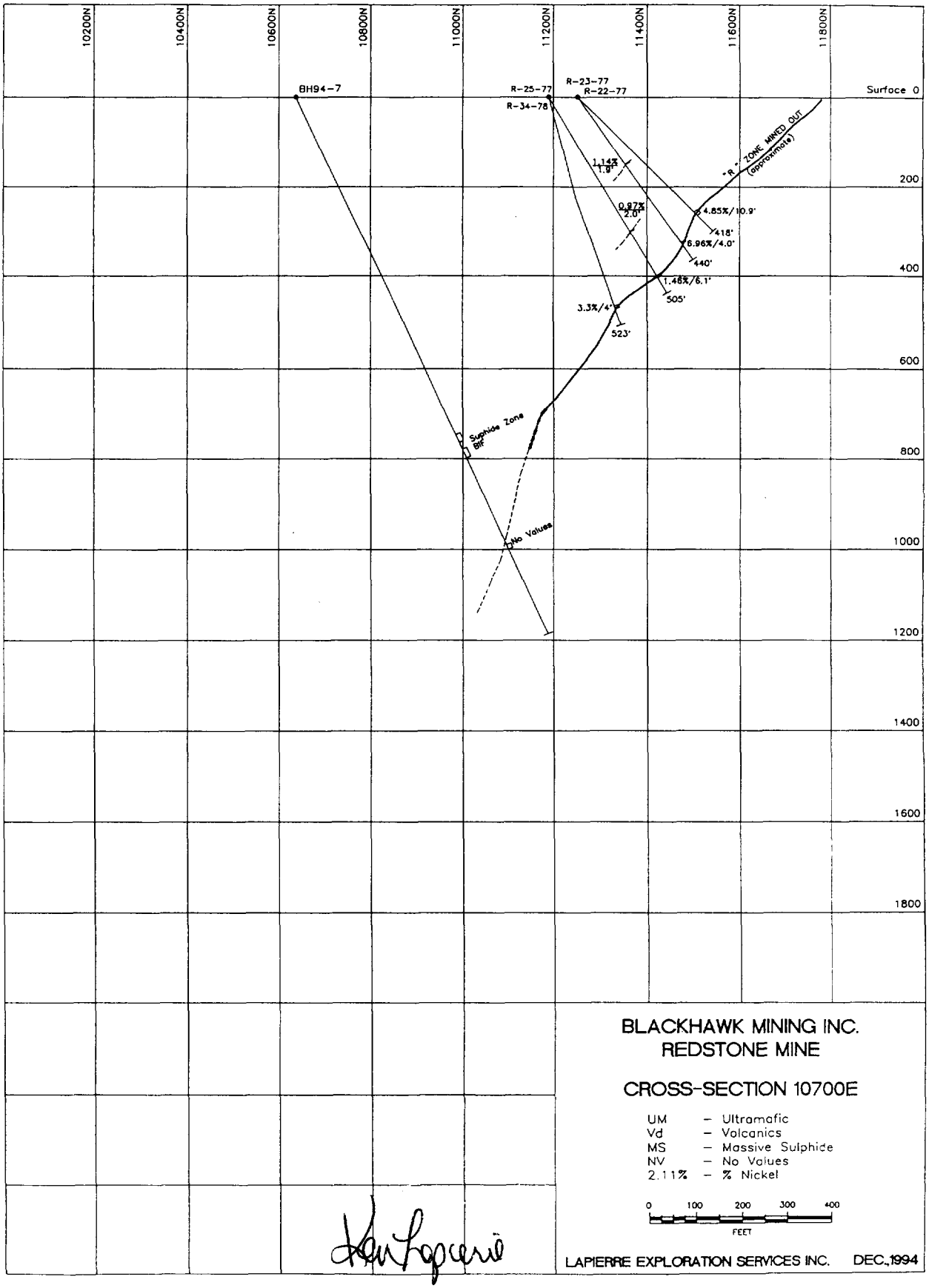
TB-5
1.37%/4.0'

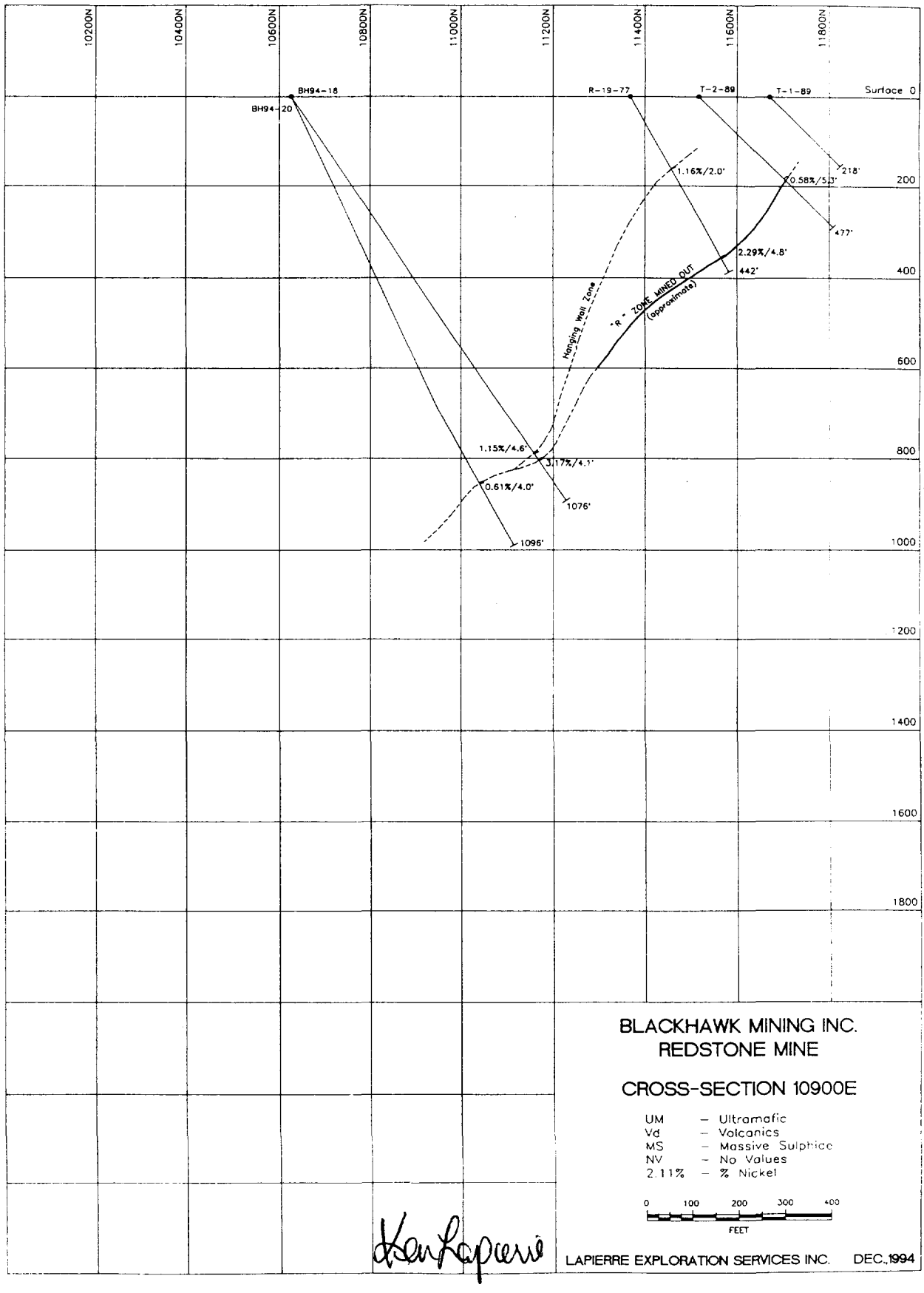
BLACKHAWK MINING INC.
REDSTONE MINE

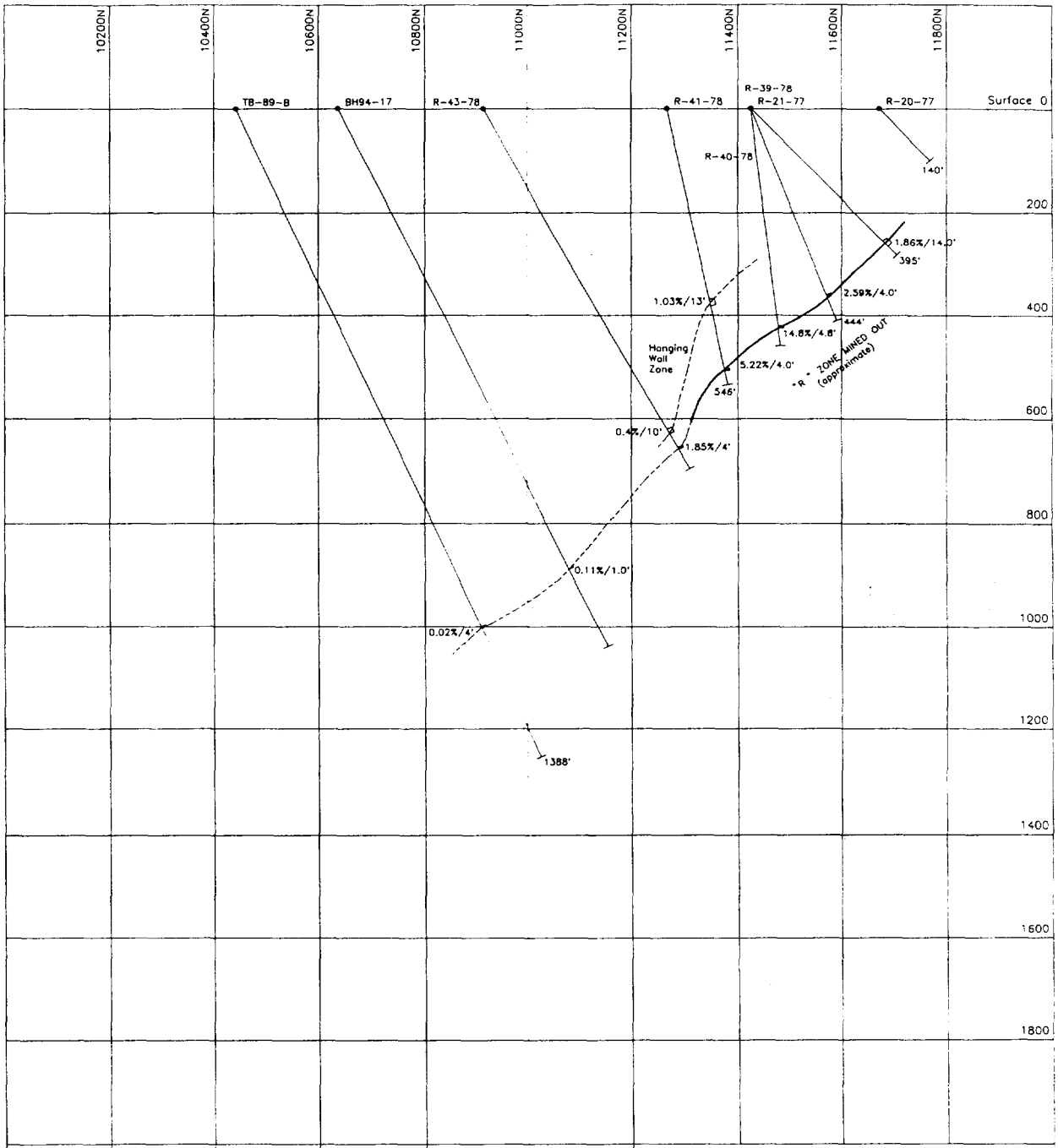
LONGITUDINAL PROJECTION

UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

LAPIERRE EXPLORATION SERVICES INC. DEC., 1994


10200N
10400N
10600N
10800N
11000N
11200N
11400N
11600N
11800N
Surface 0
200
400
600
800
1000
1200
1400
1600
1800
BH94-7
R-25-77
R-34-78
R-23-77
R-22-77
"R" ZONE MINED OUT (approximate)
1.14%/1.9'
0.97%/2.0'
4.85%/10.9'
418'
6.96%/4.0'
440'
1.48%/6.1'
505'
3.3%/4'
523'
Sulphide Zone
BH
No Values
BLACKHAWK MINING INC.
REDSTONE MINE
CROSS-SECTION 10700E
UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel
0 100 200 300 400
FEET
LAPIERRE EXPLORATION SERVICES INC. DEC.,1994


10200N
10400N
10600N
10800N
11000N
11200N
11400N
11600N
11800N
BH94-18
BH94-20
R-19-77
T-2-89
T-1-89
Surface 0
218'
200
1.16%/2.0'
0.58%/5.0'
477'
2.29%/4.8'
442'
400
"R" ZONE MINED OUT
(approximate)
Hanging Wall Zone
600
800
1.15%/4.6'
3.17%/4.1'
0.61%/4.0'
1076'
1096'
1000
1200
1400
1600
1800
BLACKHAWK MINING INC.
REDSTONE MINE
CROSS-SECTION 10900E
UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel
0 100 200 300 400
FEET
LAPIERRE EXPLORATION SERVICES INC.
DEC.,1994



BLACKHAWK MINING INC.
REDSTONE MINE

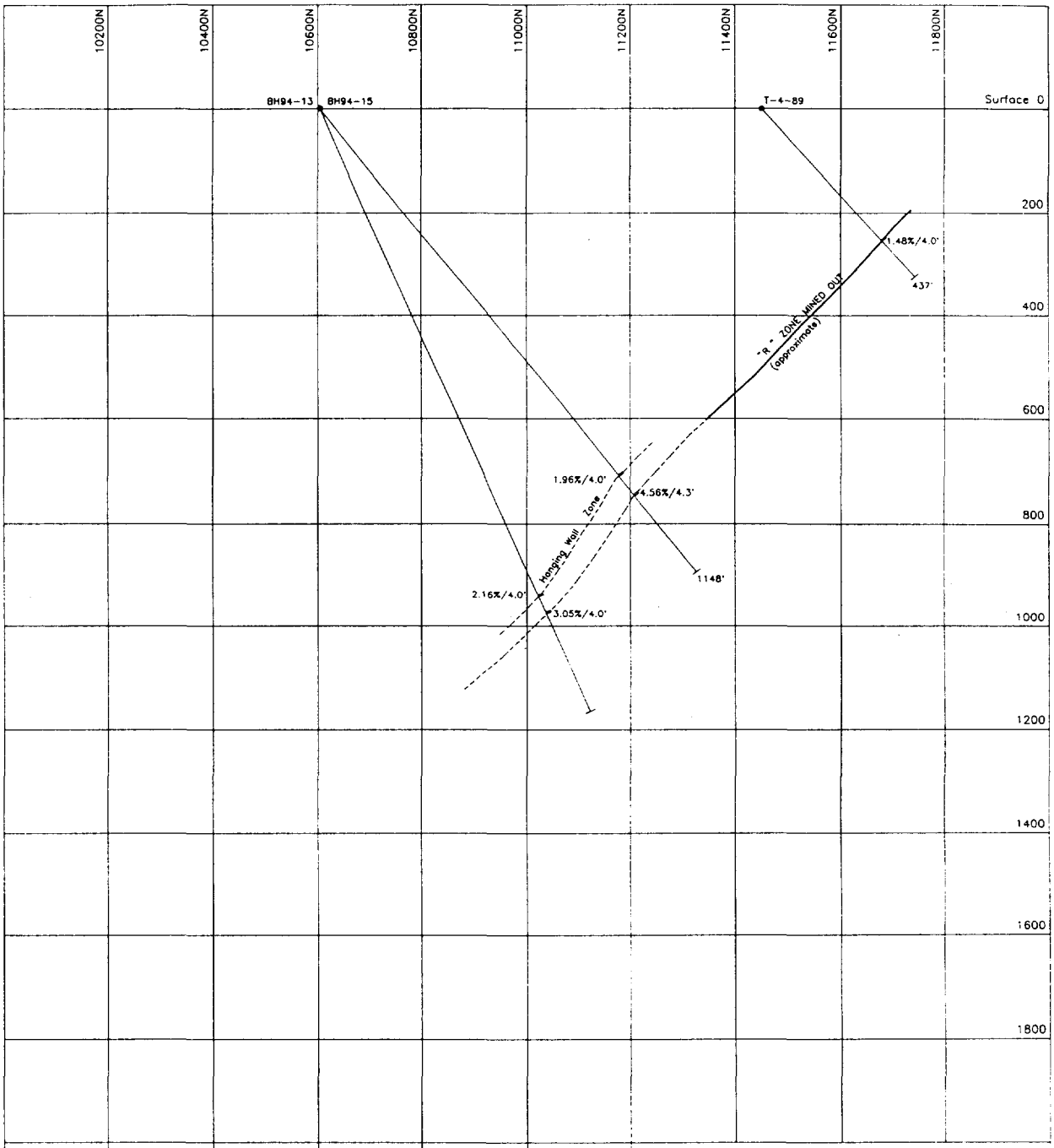
CROSS-SECTION 10950E

UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

0 100 200 300 400
FEET

Ken Lapierre

LAPIERRE EXPLORATION SERVICES INC. DEC.,1994



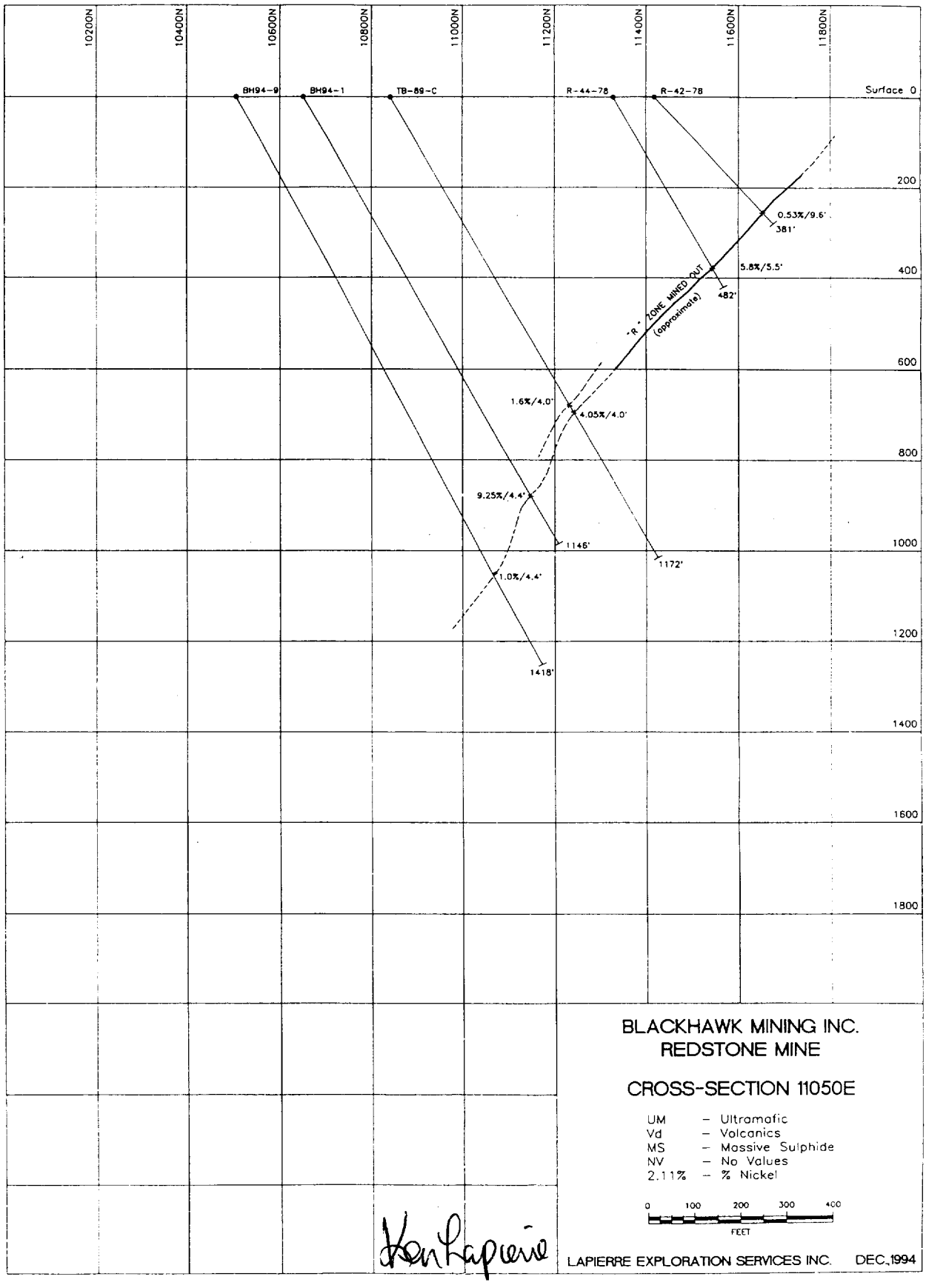
BLACKHAWK MINING INC.
REDSTONE MINE

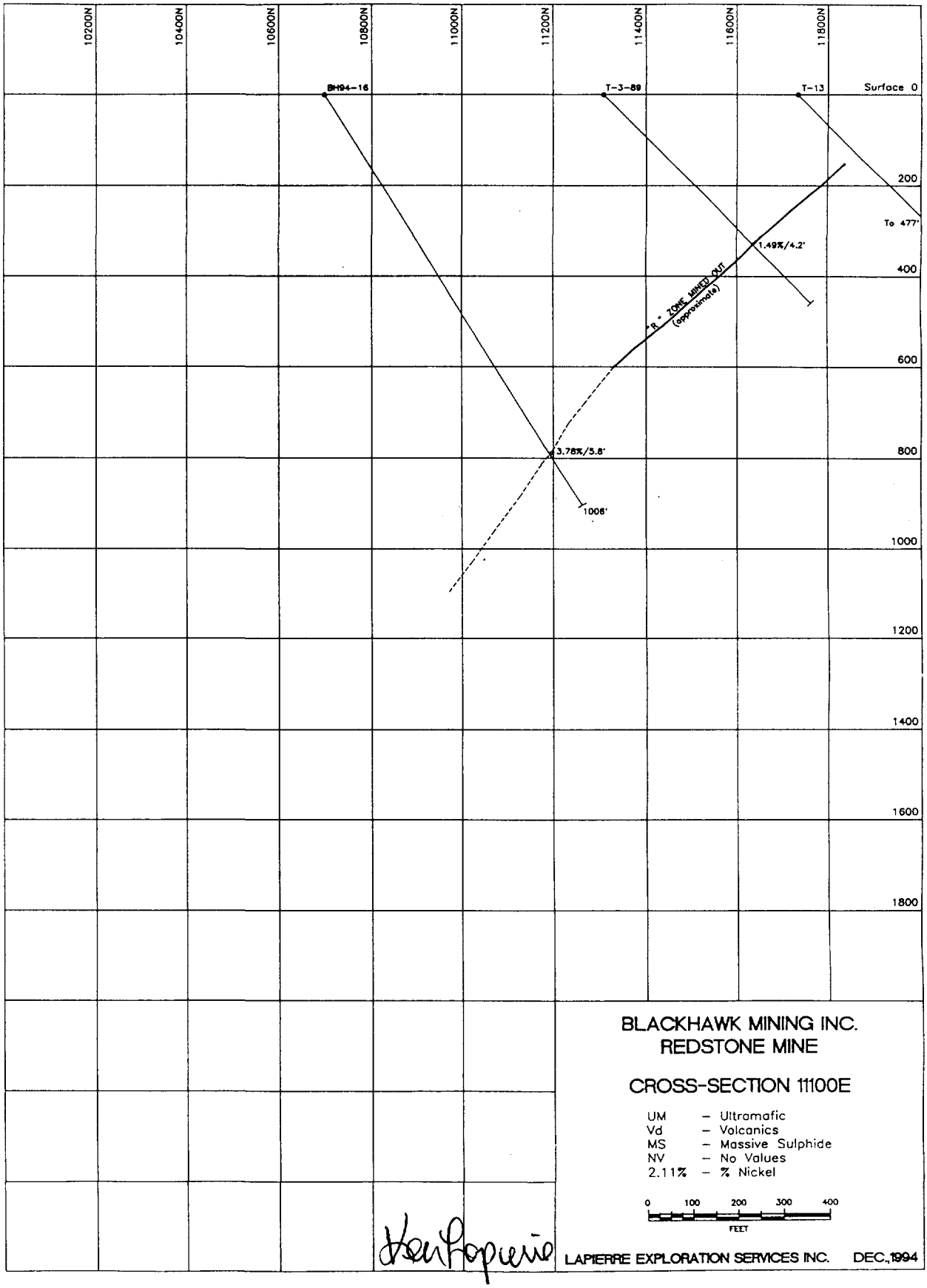
CROSS-SECTION 11000E

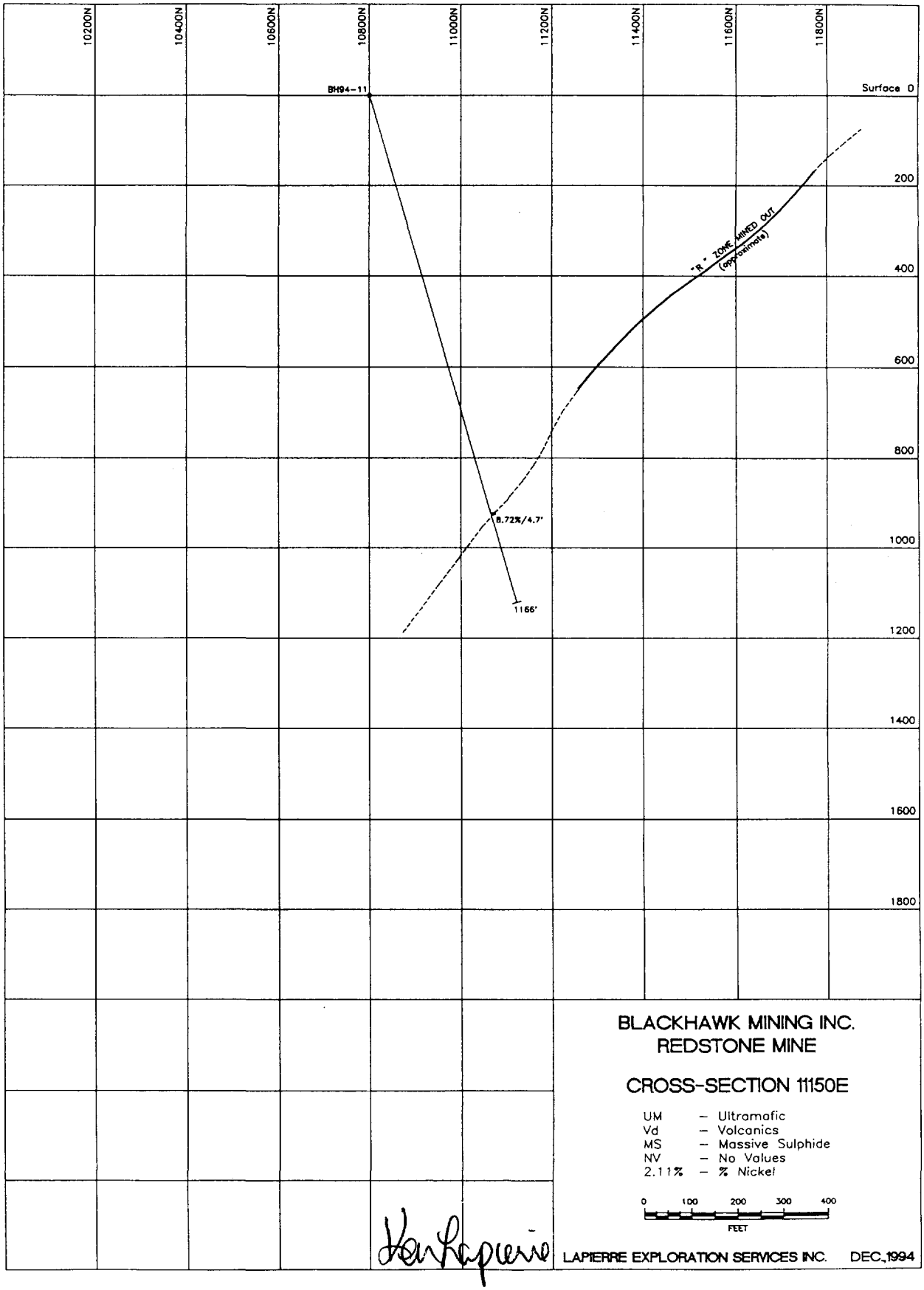
UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

0 100 200 300 400
FEET

LAPIERRE EXPLORATION SERVICES INC. DEC.,1994


10200N
10400N
10600N
10800N
11000N
11200N
11400N
11600N
11800N
BH94-9
BH94-1
TB-89-C
R-44-78
R-42-78
Surface 0
200
400
600
800
1000
1200
1400
1600
1800
0.53%/9.6'
381'
5.8%/5.5'
482'
"R" ZONE MINED OUT
(approximate)
1.6%/4.0'
4.05%/4.0'
9.25%/4.4'
1146'
1172'
1.0%/4.4'
1418'
BLACKHAWK MINING INC.
REDSTONE MINE
CROSS-SECTION 11050E
UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel
0 100 200 300 400
FEET
LAPIERRE EXPLORATION SERVICES INC.
DEC.,1994


10200N
10400N
10600N
10800N
11000N
11200N
11400N
11600N
11800N
BH94-16
T-3-89
T-13
Surface 0
200
To 477'
1.49%/4.2'
"R" ZONE MINED OUT (approximate)
400
600
800
3.78%/5.8'
1006'
1000
1200
1400
1600
1800
BLACKHAWK MINING INC.
REDSTONE MINE
CROSS-SECTION 11100E
UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel
0 100 200 300 400
FEET
LAPIERRE EXPLORATION SERVICES INC. DEC.,1994



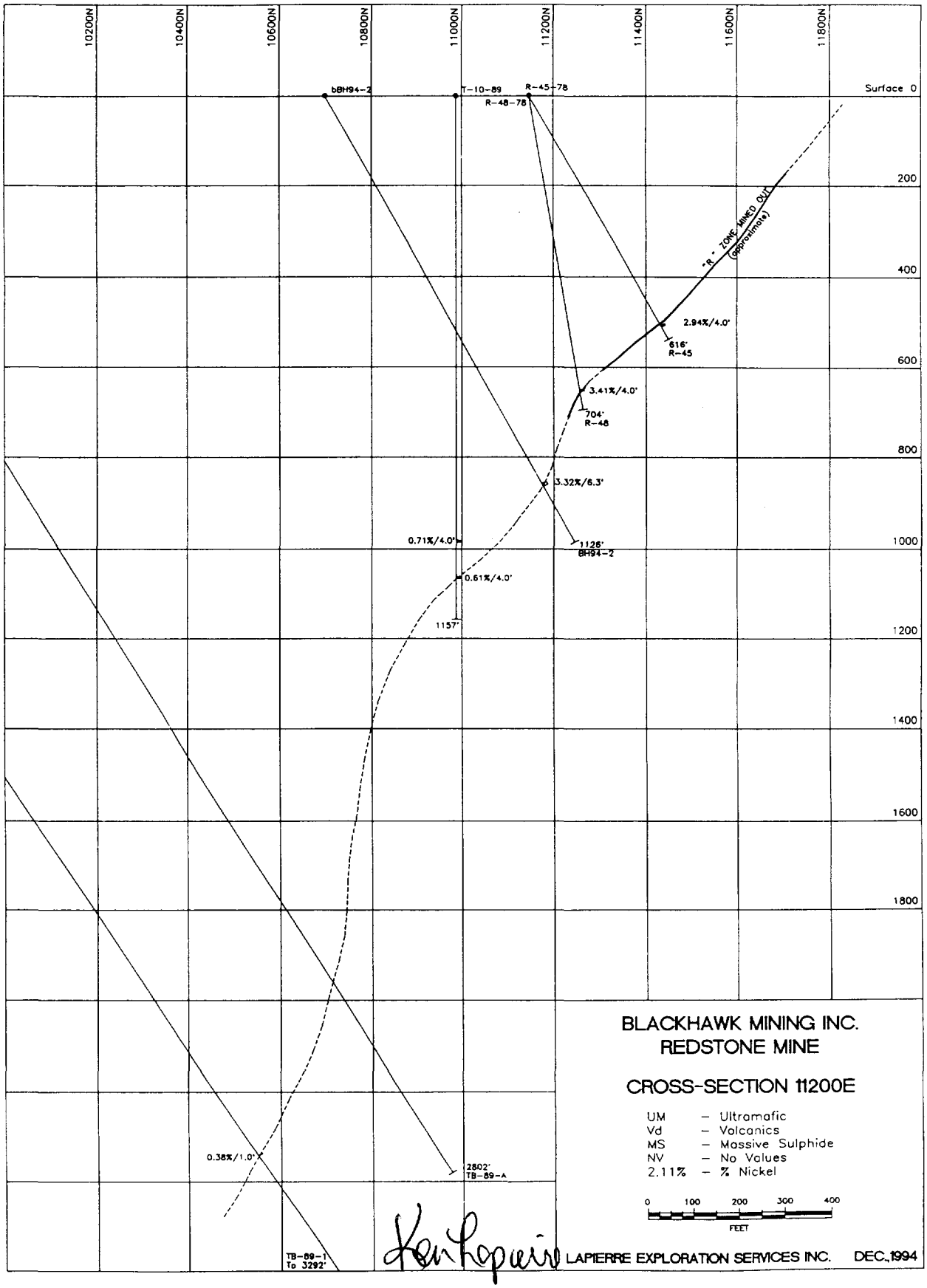
BLACKHAWK MINING INC.
REDSTONE MINE

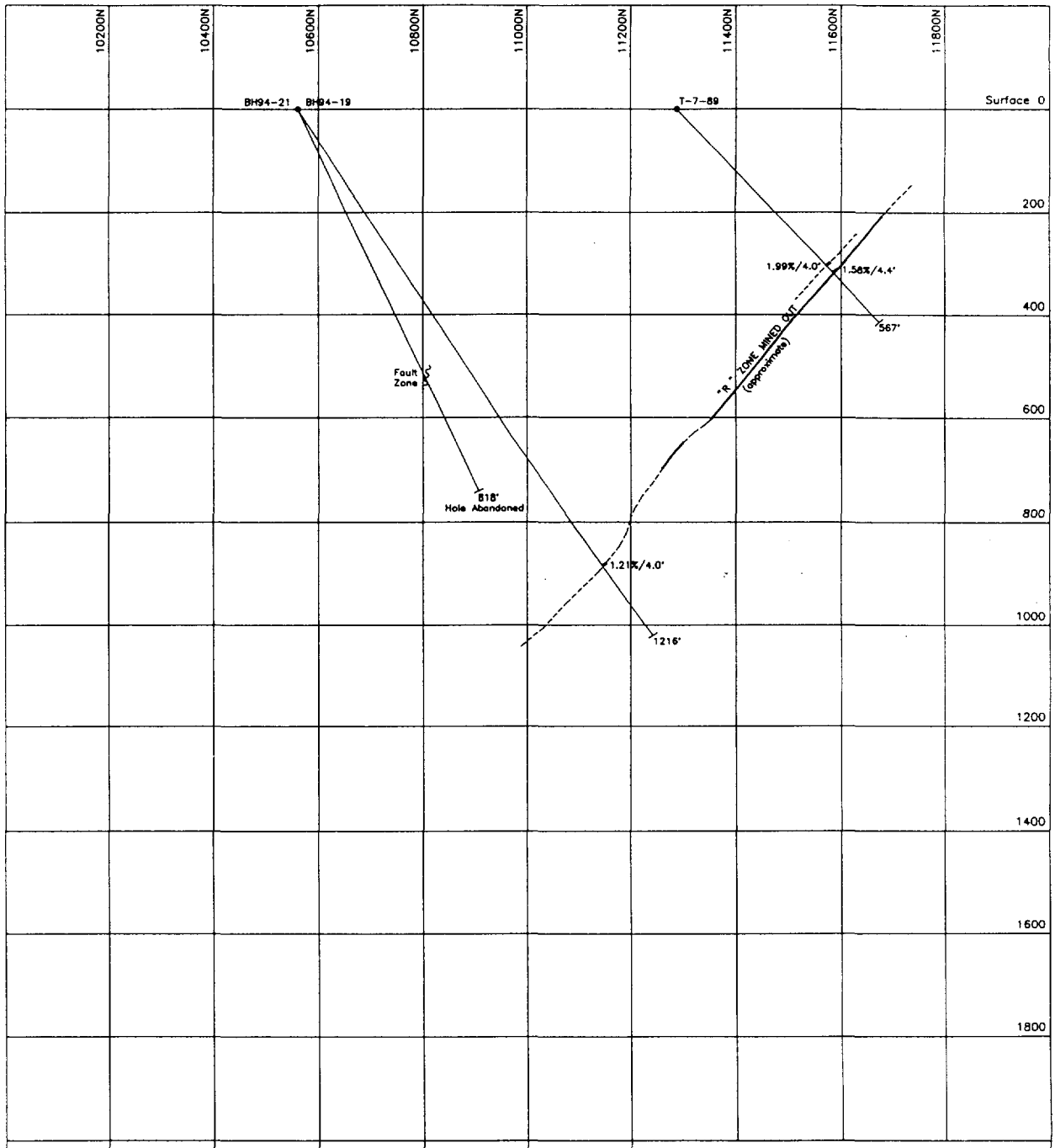
CROSS-SECTION 11150E

UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

0 100 200 300 400
FEET

LAPIERRE EXPLORATION SERVICES INC. DEC.,1994


10200N
10400N
10600N
10800N
11000N
11200N
11400N
11600N
11800N
bBH94-2
T-10-89
R-45-78
R-48-78
Surface 0
200
400
600
800
1000
1200
1400
1600
1800
"R" ZONE MINED OUT (approximate)
2.94%/4.0'
616'
R-45
3.41%/4.0'
704'
R-48
3.32%/6.3'
0.71%/4.0'
1126'
BH94-2
0.61%/4.0'
1157'
0.38%/1.0'
2802'
TB-89-A
TB-89-1
To 3292'
BLACKHAWK MINING INC.
REDSTONE MINE
CROSS-SECTION 11200E
UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel
0 100 200 300 400
FEET
LAPIERRE EXPLORATION SERVICES INC.
DEC.,1994



BLACKHAWK MINING INC.
REDSTONE MINE

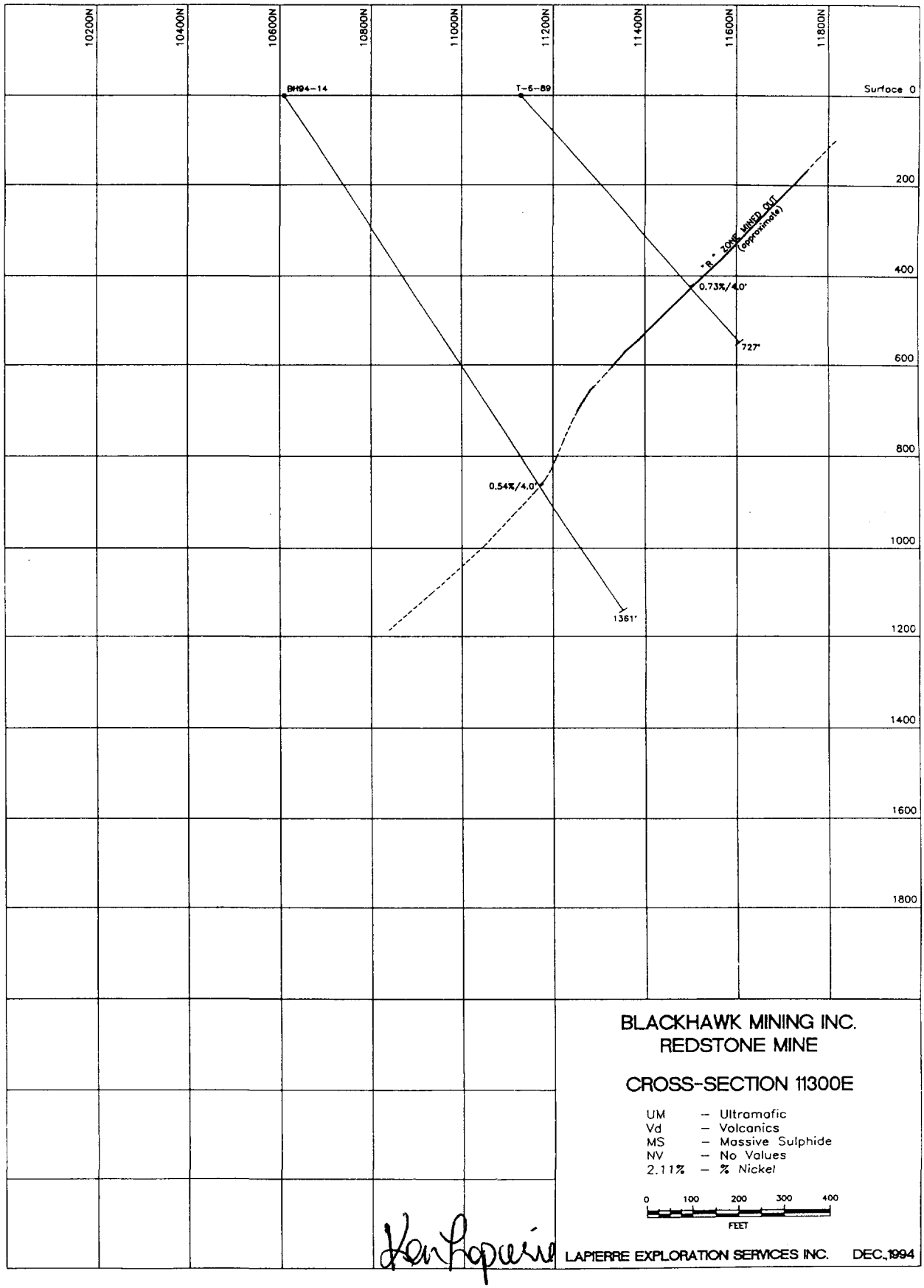
CROSS-SECTION 11250E

UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

0 100 200 300 400
FEET

Ken Lapierre

LAPIERRE EXPLORATION SERVICES INC. DEC.,1994



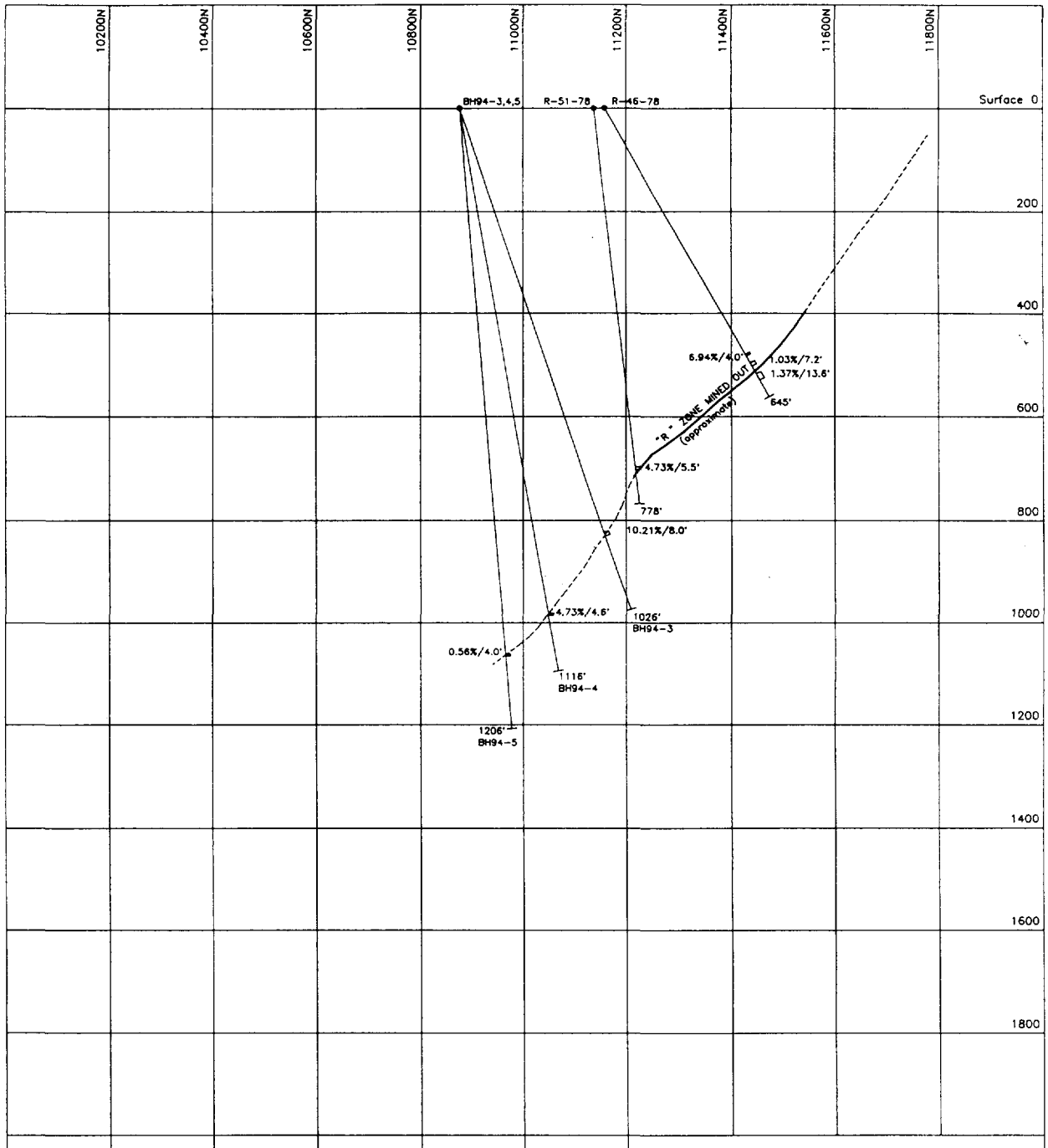
BLACKHAWK MINING INC.
REDSTONE MINE

CROSS-SECTION 11300E

UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

0 100 200 300 400
FEET

LAPIERRE EXPLORATION SERVICES INC. DEC., 1994



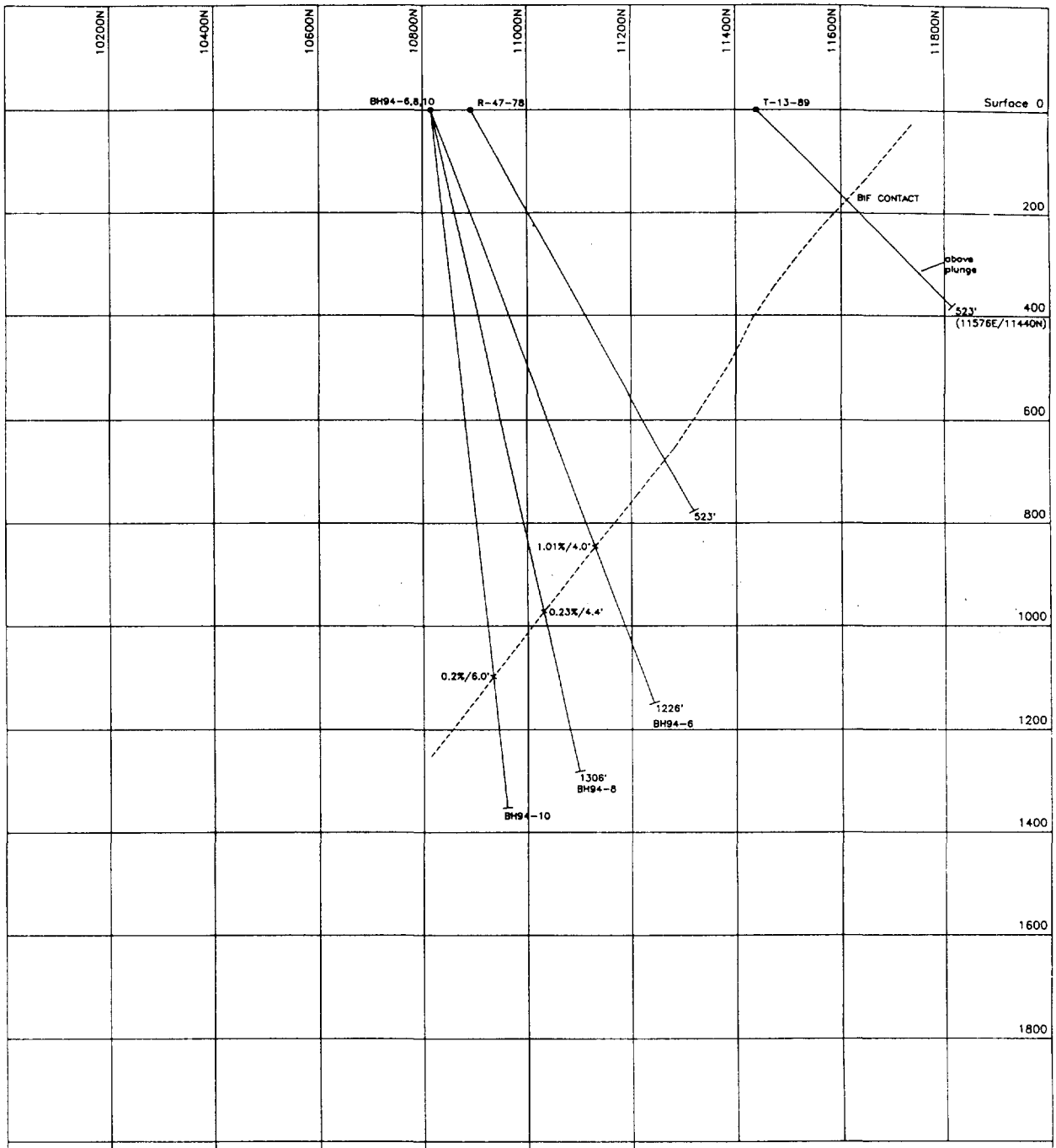
BLACKHAWK MINING INC.
REDSTONE MINE

CROSS-SECTION 11340E

UM	–	Ultramafic
Vd	–	Volcanics
MS	–	Massive Sulphide
NV	–	No Values
2.11%	–	% Nickel

0 100 200 300 400
FEET

LAPIERRE EXPLORATION SERVICES INC. DEC.,1994



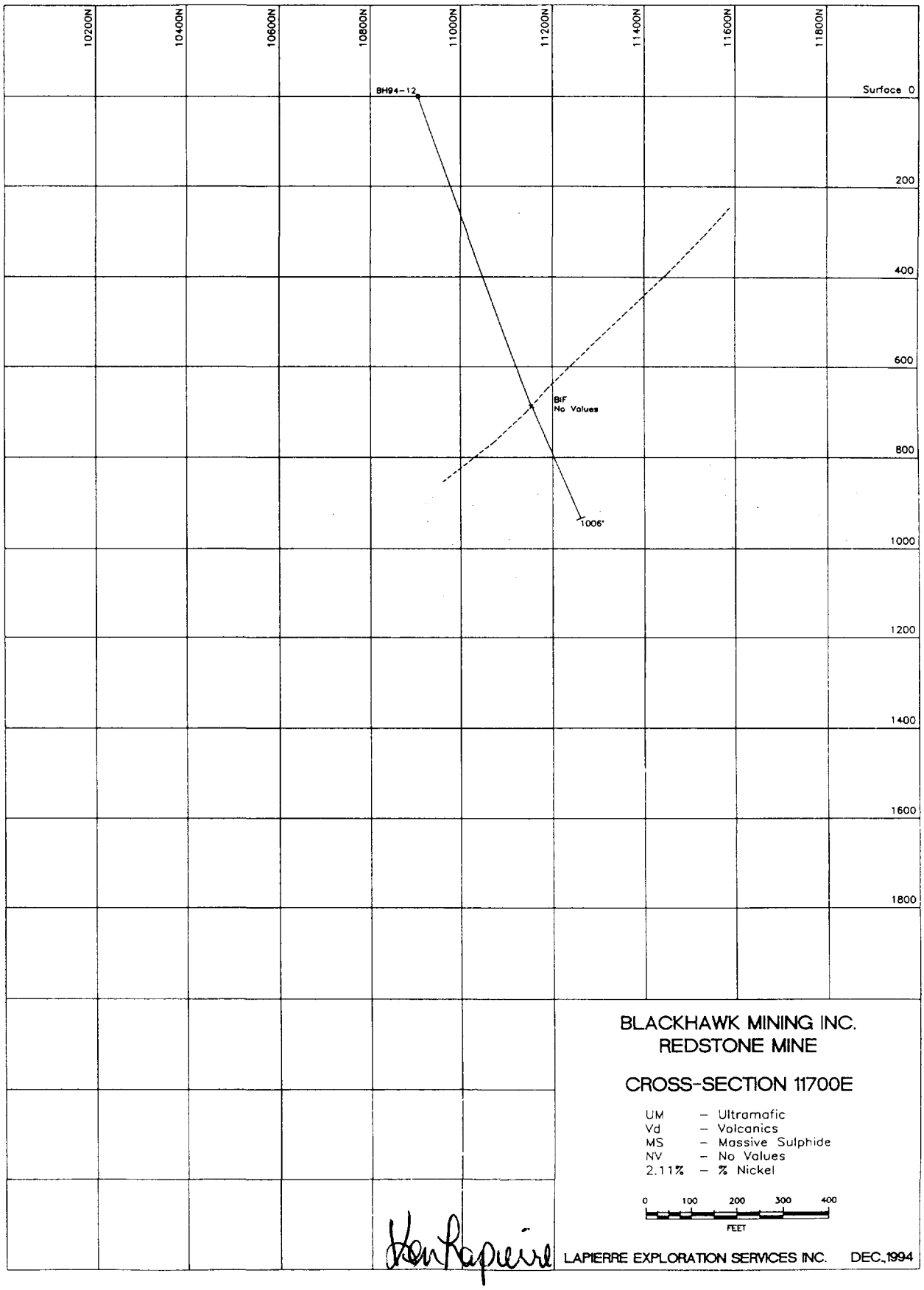
BLACKHAWK MINING INC.
REDSTONE MINE

CROSS-SECTION 11520E

UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

0 100 200 300 400
FEET

LAPIERRE EXPLORATION SERVICES INC. DEC.,1994



BLACKHAWK MINING INC.
REDSTONE MINE

CROSS-SECTION 11700E

UM – Ultramafic
Vd – Volcanics
MS – Massive Sulphide
NV – No Values
2.11% – % Nickel

0 100 200 300 400
FEET

LAPIERRE EXPLORATION SERVICES INC. DEC.,1994

APPENDIX 2: 1994 PRELIMINARY DIAMOND DRILL LOGS

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft - DIP

HOLE NUMBER - BH94-1
GRID REFERENCE 11050E / 10650N (not surveyed)
ELEVATION ?
AZIMUTH 030°
DIP ANGLE - 60°
LENGTH = 1,146'

DIAMOND DRILL LOG

PROPERTY BLACKHAWK - Redstone Property
TOWNSHIP Eldorado
CLAIM 453336

PRELIMINARY

DRILLING COMPANY Nighthawk FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: minesite LOGGED BY Ken Lapierre DATES: NOV 4/94 TO NOV 8/94 PAGE 1 OF 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb					CODES OF ANALYSES
0-34'	drill casing									
34'-43'	Ultramafic Volcanic - talcose, - contacts: top - undetermin. rable; bottom = undeterminable - soft, broken core, - 10% magnesite stringers - trace mineralization									
43'-48'10"	Silica-rich sulfide vein (S.U.F.) contacts - top - undeterminable; bottom = 40° to core axis (tc.a) <10% sulfide bands → po. py rich.	43-48'10"	2851	63	NIL					
48'10"-77'7"	Diabase contacts - top = 40° tca; bottom = 25° tca - fine to medium grained, dark green colour, moderately magnetic - non-mineralized									
77'7"-104'4"	Quartz Feldspar Porphyry contacts: 25° tca - quartz, feldspar phenocrysts enclosed in a fine grained grey matrix, hard, non-mineralized, fabric = 25° tca.									
	82-83'4" - Silica rich sulfide vein - 25° tca - 10% py, po banding	82'-83'4"	2852	74	NIL					
	98'1"-102'7" - " " " " - 45° tca - <10% po py. banding	98'1"-102'7"	2853	64	NIL					
	- 101'10"-102'2" - massive po, py lens.									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: BH - Redstone HOLE NUMBER: BH94-1

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb					CODES OF ANALYSES
108'4"-	Intermediate/Felsic Volcanic (DACITE) (tuffaceous appearance?)									
201'6"	- contacts: top = 25°tca; bottom = 45°tca									
	- chloritized top contact, buff coloured appearance adjacent to bottom contact, increase in hardness with depth.									
	- grey green colour grading to buff colour with depth									
	- non magnetic; non-mineralized, <2% smokey grey quartz veining → irregular trending - fragmented appearance.									
	132'8" - 143'8" - Silica-rich sulfide vein - contacts = 45°tca (B.I.F)	132'8" - 138'	2854	480	NIL					
	- 10% po, py banded, chloritized, contorted appearance.	138' - 143'8"	2855	626	3					
	152' - 154'5" - Silica-rich sulfide vein - <10% po, py banding	152 - 154'5"	2856	285	NIL					
	- po, py lens near bottom contact									
201'6" -	Ultramafic Volcanic - Komatiite - talcose									
416'1"	contacts - top = 45°tca; bottom = 45°tca → soft gouge present									
	fine grained, dark green/black colour, slightly to moderately magnetic, multiple trending magnesite stringers (<5%), trace mineralization (pyrite)									
	201'6" - 231' - chlorite rich contact, local po, py lenses (<1%) associated with (silica flooding?)	210' - 211'	2857	400	8					
		218' - 219	2858	492	NIL					
	296'1" - 296'2" - possible mud seam or drill grinding									
416'1" -	Diabase									
455'10"	contacts - 45°tca → soft gouge present along contacts									
	fine grained, dark green colour; slightly magnetic, irregular trending hematite stained quartz/carbonate veinlets.									
	- non-mineralized									
455'10"	Quartz Monzonite									
482'5"	- contacts: 45°tca, grey colour, fine to coarse grained quartz, feldspar grains									
	- Equigranular hypidiomorphic texture, hard, non-magnetic									
	- 1-2% subhedral disseminated pyrite									
	- 469' - 474' - 15% irregular trending quartz veinlets, stringers	469 - 474	2859		NIL					
	- trace - 3% anhedral pyrite blobs									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-1

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	ppb Au	ppm Ni	CODES OF ANALYSES
482'5"	Ultramafic Volcanic - Komatiite - talcose - spinifex					
842'	- contacts: top = 45°tca, bottom = 45°tca					
	- fine grained, grey black colour, non to slightly magnetic,					
	- locally → medium grained carbonate grains					
	- irregular trending magnesite veinlets (10-15%), ↑ with depth					
	- trace euhedral disseminated pyrite,					
	-484'10"-497'2" - quartz vein/quartz monzonite					
	-505'7" - 513'6" - 20% quartz monzonite veins - irregular trending					
	-530'10" - 531' - broken core, soft gouge - 45°tca					
	-527' - 528' - quartz monzonite					
	-540'7" - 541'1" - fine grained diabase - magnetic					
	-554'2" - 556' - irregular trending quartz/feldspar vein	554'2" - 556	2860	NIL		
	-563'3" - 566' - quartz vein → barren → contacts = 45°tca					
	-581' - 596' - blocky core - komatiite →					
	-582' - 585'7" - diabase - undeterminable contacts					
	-617'8 - 620'9" - & quartz monzonite - 45°tca					
	-646 - 650'5" - increase in pyrite content → 3% (KOMATIITE)	646 - 650'5"	2861	NIL	406	
	-650'5" - 665'2" - felsic dyke - 75°tca, hard, 1-2% fine grained anhedral disseminated pyrite, trace chalcopyrite	650'5" - 655'5"	2862	NIL		
	-672' - 683' - komatiite - spinifex texture present					
	-683' - 688' - quartz monzonite					
	-689'8" - 689'9" - fault gouge - 55°tca					
	-700'2" - 722'7" - fine grained mafic dyke - 60°tca					
	-730 - 730'6" - fault gouge					
	-746 - 751' - spinifex texture present - komatiite					
	-766'10" - 767'1" - soft gouge, broken core					
	-822'7" - 822'10" - soft gouge - fault zone - 65°tca					
	-770'5' - 774 - diabase - 60°tca					
	-774' - 842' - spinifex texture common - 25% irregular trending magnesite stringers, greasy texture					
842' -	Diabase -					
886'6"	- contacts = top = 45°tca, bottom = 60°tca					
	- fine to medium grained, black colour, slightly to moderately magnetic					
	- non-mineralized					

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: 3494-1 PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni %	Au ppb	% Cpy	Co ppm	Pt ppb	Pd ppb	Rh ppb	CODES OF ANALYSES
886'6" -	KOMATIITE - Ultramafic - talcose - blocky broken core										
911'4"	- finegrained black colour, slightly magnetic, undeterminable contacts										
	- 15% irr. tr. magnesite stringers										
	- non-mineralized										
	892' - 893'1" - diabase - 50° tca										
	896' - 898'3" - diabase -										
	899' - 905 - heavily broken core, very soft, talcose, non-mineralized										
	908'4" - 909'8" - mafic contact - finegrained - 60° tca										
	909'8" - 911'4" - serpentine rich - very soft, greasy texture (aqua-blue)										
911'4" -	QUARTZ FELDSPAR PORPHYRY										
930'2"	- medium grained equigranular, hypidiomorphic texture										
	= hard, grey colour, non-magnetic										
	- slight vertical fabric → ≥60° tca										
	- non-mineralized, bottom contact = 60° tca										
930'2" -	KOMATIITE - Ultramafic - Spinifex - talcose										
1012.3'	- contact: top = 60° tca, bottom = 70° tca										
	- finegrained mafic top contact, grey black colour										
	- slightly magnetic										
	- 20% irregular trending magnesite stringers										
	- local trace - 1% sulphides										
	-	1006' - 1008.2	2863	0.28	NIL		~~44~~	–	10	–	
	1,008.2' - 1,012.3' - "R" Zone - non-magnetic										
	1,008.2' - 1,009.5' - massive sulfide vein, irregular trending, non-magnetic, brassy colour, pentlandite pyrite ± pyrrhotite, ± chalcopyrite	1,008.2' - 1009.5	2864	12.82	43	1.04	~~1190~~	~~134~~	1725	292	
	1009.5' - 1011.0' - massive sulfide vein (97%) - contact: top = 55° tca, bottom = 20° tca - brassy appear: ana, pn, py, ± cpy, po - weak nickel powder stain	1009.5' - 1011.0'	2865	19.40	14	0.49	1510	166	2000	433	
	1011' - 1012.3' - chloritized stringer sulfides: - pn, py, po, ± cpy - bottom contact = 70° tca	1011 - 1012.3'	2866	5.51	21	0.64	368	1892	892	92	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: HOLE NUMBER: PAGE 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au	Cpy	Co ppm	Pt ppb	Pd ppb	Rh ppb	CODES OF ANALYSES
1012.3'	Volcanic dacite - tuffaceous?	1012.3'-	2867	~~0.44%~~			50	–	~~[illegible]~~	–	
1120.1'	contacts: top = [illegible] tca, bottom ≈ 90° tca	1014							65		
	- very hard basaltic appearance, grey colour										
	- non-magnetic										
	- trace mineralization										
	1023.7' - 1028 - chloritized mafic? volcanic - 70° tca	1023.7'-1026	2868	175							
	- 1% py. mineralization ?	1026'-1028	2869	~~175~~	130						
	1044.2' - 1045 - 1% sulfides pn?	1044-1045	2870	~~130~~	126						
	1046-1055 - quartz monzonite -										
	1069-1070.3' - 2-3% irregular trending sulfide stringer	1069-1070.3'	2871	~~126~~	91						
	1081 - 1083 - chloritized, 2% sulfides - preferred orientation	1081-1083	2872	106							
	≈ 65° tca, stringers & patches										
1120.1' -	QUARTZ FELDSPAR PORPHYRY										
1146	contacts: top = 90° tca										
	- medium to coarse grained quartz / feldspar phenocrysts										
	- grey colour, very hard, non-mineralized										
	- non-mineralized										
	E.O.H. at 1,146' - "B" Zone intersected at 1,008.2' - 1,012.3'										
	- vertical depth = 940'										
	- casing left in hole										
	- hole making water										
	[signature]										
	November 10/94.										
	Hole with assays Nov 21/94										

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft – DIP

DIAMOND DRILL LOG

PROPERTY BLACKHAWK - Redstone Property
TOWNSHIP Eldorado
CLAIM 453336

PRELIMARY

HOLE NUMBER B494-2
GRID REFERENCE 11200E / 10687N (not surveyed)
ELEVATION ?
AZIMUTH -30° (MINE GRID NORTH
DIP ANGLE -60°
LENGTH 1,126'

DRILLING COMPANY NIGHTHAWK DRILLING FOREMAN
CORE SIZE BQ CORE STORED AT: Redstone Mine site LOGGED BY Ken Lapierre DATES: Nov 11, 94 TO Nov 14/94 PAGE 1 OF 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au	Cu ppm				CODES OF ANALYSES
0-25	DRILL CASING									
25'-56'	MAFIC VOLCANIC -									
	- contacts: top/bottom - undeterminable, greenish black colour									
	- hard, slightly to moderately magnetic									
	- "blotchy" texture → brecciated → zoning?									
	- non-mineralized									
56'-108.0'	ULTRAMAFIC VOLCANIC - minor spinifex									
	- contacts: 50° to core axis (t.c.a.)									
	- soft, talcose texture, greyish black colour									
	- < 5% irregular trending quartz/carbonate (magnesite) stringers									
	- moderately magnetic, non-mineralized									
	- 74.5'-85.6' - Quartz Feldspar Porphyry									
	- contacts: 50° t.c.a → fine grained contacts									
	- medium grained quartz/feldspar phenocrysts in a fine grained grey matrix (porphyro-aphanitic texture)									
	- very hard, non magnetic, non-mineralized									
108.0' - 120'	SILICA RICH SULPHIDE VEIN - Banded Iron Formation	108 - 111.9'	2873	526						
	contacts: 50° t.c.a.									
	sulphide zoning → pyrite rich top to pyrrhotite rich bottom	116' - 120'	2874	496						
	→ banding present (with sulfide veins, ≥ 35%									
120' - 179.6'	INTERMEDIATE VOLCANIC - Carbonated									
	- contacts: top = 50° t.c.a, bottom = 45° t.c.a									
	- fine grained grey to green colour, moderately hard top contact									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Rathbone HOLE NUMBER: BH04-2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni	Ag g/t	Cu				CODES OF ANALYSES
	-carbonated, soft, preferred fabric = 50°tca.									
	-pyrrhotite, pyrite chalcopyrite at bottom contact									
	-126.8 - 133.1 - Quartz Feldspar Porphyry - quartz rich bottom contact, - contacts ≤ 45°tca - 2% pyrrhotite, pyrite, chalcopyrite associated at bottom contact	131.9-133.1	2875	40	Nil	583				
	-135.7' - 135.9' - carbonate quartz veinlet with 2% pyrrhotite, pyrite, chalcopyrite mineralization	135.5'-136	2876	156	NIL	549				
	-158.7'-164.3' - felsic volcanic - rhyo-dacite - contacts: top = 30°tca, bottom = 45°tca - non-mineralized									
179.6'-318'	INTERMEDIATE/FELSIC VOLCANIC - Rhyo-dacite contacts - moderately hard to hard, buffed to grey green colour, - becoming soft (more chloritized) with depth - fragmented appearance - preferred fabric - 45° to 50°tca - non-mineralized									
	-218'-218.5' - Smokey grey silica/sulfide veinlet - irregular trending contacts - 10% pyrrhotite, trace pyrite, chalcopyrite	218-218.5'	2877	342	NIL	862				
	-236'-241' - smokey grey silica/sulfide stringer vein - contacts: top = 15°tca, bottom = 40°tca	236-241	2878	174	0.015	33				
	-282'-316' - fine grained rhyodacite, slightly magnetic,									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-2 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Au g/t				CODES OF ANALYSES
318-994'	ULTRAMAFIC VOLCANIC - Komatiite - talcose - spinifex									
	Contacts:									
	- fine grained dark greenish black colour,									
	- moderately soft, non to moderately magnetic									
	- 10% irregular trending carbonate (magnesite) stringers									
	- trace mineralization (pyrrhotite within magnesite stringers)									
	-328.3'-329.5' - soft gouge → fault zone - 70° tca.									
	- 358.7' - 359' - broken core - possible fault									
	-439.2' - 442 - 2% disseminated euhedral pyrite	439.2'-442'	2879	1150						
	426.2 - 440.7' - grey colour, strongly magnetic - spinifex texture.									
	446-446.1' - fault? 45° tca									
	466-660' - Komatiite - strongly talcose									
	- 20% irregular trending, magnesite stringers									
	- very soft									
	-530 - 531.3 - irregular trending quartz stringers - soft gouge									
	- 544.9' - 545.1' - soft gouge = fault - 45° tca									
	- 593 - 600.7' - Quartz Monzonite - 65° tca -	593-598	2880			NIL				
	- trace - 1% fine to coarse grained euhedral disseminated pyrite - < 2% qtz/chlorite stringers with 1% pyrite									
	649.7' - 650.1' - felsic dyke - hard, fine grained, non-mineralized									
	666' - 680.1' - Quartz Monzonite - 55° tca, hard									
	694.9' - 695.2' - Quartz Monzonite - 60° tca, hard									
	693' - 696.3' - Qtz / Feldspar Pyre - fine grained									
	696.3' - 702.7' - broken core, soft gouge = fault zone - 55° tca									
	713.4' - 714' - broken core, gouge - fault? - 60° tca									
	731.5' - 742.2' - diabase dyke - contact: top = 70° tca									
	796' - 851' - bottom = 25° tca									
	→ - sample missed									

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DIAMOND DRILL LOG   PROPERTY: [illegible]   HOLE NUMBER: [illegible]   PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Co ppm	Pt ppb	Pd ppb	Rh ppb	CODES OF ANALYSES
	-949.9' - 950.7' - broken core, salt gouge - fault									
	-886 - 950' - [illegible] spi[illegible]									
	-914 - 914.3' - [illegible] (ar[illegible] of drill)									
	-917.2' - 925.1' - quartz feldspar porphyry									
	-950' - 953.[illegible]' - broken core, strongly [illegible]									
	-957' - 960.6' - Quartz Feldspar Porphyry									
	- coarse grained feldspar phenocrysts enclosed [illegible] the [illegible] matrix									
	-960.6' - 963' - strongly talcose alteration									
	-963' - 984' - <5% irregular trending magnesite stringers									
	competent RQD = 90%	981-983	2881	736						
		983-984	2882	1500						
	-984' - 990.6' - [illegible]ortized/sericite? fine grained black volcanic									
	- spi[illegible] fex? - becomes progressively harder with depth. RQD = 90%									
	- competent appearance									
	- tr-2% sulphides - disseminated/stringers of chalcopyrite, pentlandite, pyrrhotite									
	- 984-985 - 5% 3" thick pentlandite/chalcopyrite stringers (majority at top contacts)	984-985	2883	1710	3890					
	- slightly magnetic									
	- chloritized, soft									
		985-986	2884	476	28					
	- 986 - 988 - 1-2% irregular trending pn, py stringers	986-988	2885	4880	12	81	67	775	<5	
	- 988 - 989 - 3% pentlandite stringers - randomly oriented	988-989	2886	4810	80	70	-	151	-	3.32%/7.5'
		989-991	2887	1820	323	41	-	75	-	including 5.85%
986' - 993.5'	"R" SULPHIDE ZONE - (MAIN SECTION)	991' - 992.5'	2888 %	13.62	986	658	767	1875	75	4'
	- 991 - 992.5' - 40% massive to semi-massive pentlandite, chalcopyrite, pyrite, pyrrhotite veins, chlorite rich ground mass.									
	- 992.5' - 993.5' - 10% irregular trending stringers & patches of pn py cp po in a moderately [illegible] (influence of footwall dyke)	992.5' - 993.5'	2889 %	2.73	2450	199	700	983	9	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: B-94-2 PAGE 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER			CODES OF ANALYSES
	-993.5 - [illegible] - unmineralized [illegible]	[illegible]	[illegible]	566	192	
	[illegible] - 995.1' - 5% irregular [illegible] quartz stringers [illegible] & chalco-pyrite, pervasive pyrite in volcanic dacite & [illegible]	994 - 995.1	2891	772	0.57%	
		995 - 996	2892	120	84	
994.1 - 1126	DACITE - Volcanic contacts: top - [illegible] - fine grained, hard, grey to grey to buff grey colour - non-magnetic - non - mineralized, unaltered					
	-1102.3' - 1107.2' - Quartz feldspar [illegible] porphyry - 90° to ca					
	EOH at 1,126' MAIN "K" zone intersected at 791' - 995.1' = vertical depth = 900' - casing left in hole					
	Dr Lapierre Nov 16/94					
	986' - 993.5' = 3.83% / 6.5' Ni includes 989.5 - 993.5' = 5.86% / 4.0' Ni					

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OTHER INFO:

ACID TESTS: at ft - DIP

0' = 70°, 500' = 70°, 1,026' = 70°

HOLE NUMBER BH#1-3
GRID REFERENCE 1 SHOE / RIBBON
ELEVATION
AZIMUTH - 030°
DIP ANGLE - 70°
LENGTH 1,026'

DIAMOND DRILL LOG

PROPERTY REDSTONE
TOWNSHIP Eldorado
CLAIM 453336

PRELIMINARY

DRILLING COMPANY NIGHTHAWK FOREMAN Ed Ludwig

CORE SIZE CORE STORED AT: Pelton Mine LOGGED BY Ken Lapierre DATES: Nov 8/94 TO Nov 12/94 PAGE 1 OF 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm					CODES OF ANALYSES
0-20'	Casing (casing left in hole)									
20'-960.1'	KOMATIITE - Spinifex									
	- contacts: top = undet. bottom =									
	- fine grained grey to grey/black, spinifex present throughout									
	- moderately hard, slightly magnetic, locally up to 30% magnesite stringers									
	- non-mineralized									
	- 74-76' - broken core									
	- 84.3' - 88.5' - Quartz feldspar Porphyry - 35° tca									
	- 88.5' - 106 - 30% irregular trending magnesite stringers, talcose, soft									
	- 109 - 117.6' - fine grained QFP - hard, non-magnetic									
	- 117.6' - 120' - preferred fabric - 20° tca, talcose, soft									
	- 120' - 121' - broken core									
	- 121 - 122 - fine grained, black colored, hard volcanic? schisted? po, py, cp trace	121-122	2893							
	- 122' - 124 - soft, talcose, preferred fabric - 20° tca	122-124	2894							
←	- 124' - 172.1 - VOLCANIC - strong foliation/fabric: 35-40° tca. - slightly magnetic,	124-126	2895	1010	72					
	- 1-3% po, py, cpy, pn stringers, patches & "blobs" associated along foliation planes	126-131	2896	1130	137					
	- visible inspection does not show sulphides.	131-136	2897	1100	348					
	- locally up to 60° tca (preferred foliation)	136-141	2898	1080	150					
	- 151-152.5' - very soft - serpentinite - strong foliated at 30-40° tca - mineralized along plane	141-146	2899	932	248					
	- 156-159 - same as 121'-122' - fine grained, hard - non-magnetic - tr sulphides, schisted?	146-151	2900	1180	267					
		151-156	2901	1310						
		156-161	2902	466						

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu	CODES OF ANALYSES
1	-159 - 162' - broken core, talcose - tr.	161-166	2903	897		
	-166 - 172.1 - strong preferred foliation 40°tca	166-171	2904	1220		
	- trace - 1% sulphides	171-172.1	2905	989		
	- broken core					
	-181' - 256' - 30% irregular trending magnesite & qtz/carbonate stringers - locally enriched with sulphide blebs					
	- non to slightly magnetic to moderately magnetic					
	-214 - 226' - feldspar porphyry - undeterminable contacts					
	-216' - 219' - soft, talcose					
	-231' - 239' - 1-2% py, po, ±cp blebs rimmed by magnesite	231-234	2906	998		
	- preferred foliation at 45°tca	234-236	2907	784		
		236-239	2908	945		
	-278' - 279' - spinifex					
	-290' - 307' - fine grained, hard, non-magnetic, green mafic volcanic dyke?					
	- contacts - 60°tca, contacts slightly mineralized (pyrite grains)					
	-316' - 318' - felsic dyke (aplite?) - very hard, 70°tca					
	-331' - 332' - " " " " " " "					
	-335' - 336' - broken core, soft gouge - fault					
	-336' - 389' - komatiite - very soft, moderately magnetic					
	- 40% irregular trending rose coloured carbonate stringers					
	- preferred orientation 60°tca					
	-389 - 398 - quartz monzonite with local 2" wide quartz veins - barren - 70°tca.					
	-399 - 399.6' → qtz rich monzonite - 75°tca.					
	411' - 439.5' - 15% of rock associated with 1" to 15" quartz monzonite veins - quartz veins throughout monzonite					
	447.8' - 452.5' - quartz monzonite - black colour					
	-462.8' - 486.7' - Alkali feldspar rich quartz monzonite					
	- trace mineralization					
	- local areas of chlorite rich ultramafic					

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: [illegible] HOLE NUMBER: [illegible]-3 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni	ppm Cu	ppb Au	Co ppm	Pt ppb	Pd ppb	Rh ppb	CODES OF ANALYSES
	-486.7-[illegible] - ultramafic - talcose, 20% [illegible]										
	-5[illegible] - local [illegible] → 1% pyrite [illegible]										
	-5[illegible]' - 558.9' - homogeneous quartz monzonite, fine grained										
	[illegible] → [illegible] 40° tca [illegible] = 95° tca - trace										
	fine grained disseminated [illegible]edral pyrite										
	-558.9' - [illegible] - [illegible] rich [illegible] → into										
	ultramafic → trace to 1% disseminated										
	[illegible]hedral pyrite grains										
	-629.5 - [illegible] - [illegible] grained [illegible] moderately magnetic dyke										
	- diabase?										
	-[illegible]' - [illegible]' - spinifex throughout moderately magnetic										
	-722' - 7[illegible] - 30% magnesite [illegible] - [illegible]?	Diabase?									
	- slightly to moderately magnetic										
	-730.[illegible]' - [illegible].7' - soft gouge broken core [illegible] → possibly	730.2-731.7	2909	144							
	40° tca - 2% medium grained sulphides										
	-79[illegible]' - 79[illegible] - [illegible]grained chloritized section										
	-822.[illegible]' - [illegible]' - soft chloritized gouge - fault or										
	[illegible] between ultramafic pulses										
	-822.5' - [illegible]6 - [illegible] - carbonated - carbonate grains										
	throughout → soft, non-magnetic, preferred	Poss Flt									
	fabric → 40° tca, grey colour, RQD = 45%	FAULT									
	-83[illegible]' - [illegible]3.5' - broken core										
	- [illegible].2 - 843.2' - chloritized green volcanic	846-851	2910 ppm	1370							
		851-856	2911 ppm	2060							
	-856-858.3' - chlorite rich volcanic - 3% pn, py, cpy in	856-858.3	2912 %	0.79%	804	10	86	/	134	/	
	foliation planes - broken core										
	-858.3' - 860.1' - broken core (grinding from drill) -	858.3'-860.1'	2913 %	0.49%	247	7	60	/	86	/	
	-860.1' - 861.4' - hard - dark grey dacite - 1% mineralized pn	860.1-861.4	2914 %	1.60	230	60	111	120	275		
856- 866	"R" Zone - 861.4-862.4' - 30% irregular trending stringers of pn, py,	861.4-862.4'	2915 %	12.57	9310	34	638	625	9425	142	10.21%/10'
	cpy, po in a hard dacite ground mass										tw = 8'
		862.4-865.4	2916 %	27.48	3100	300	1660	675	2142	617	includes 16.49%/
	- 862.4' - 865.4' - massive pn vein, cpy, py, po, minor										5.4'
	chlorite inclusions - bottom contact									↓	tw. = 4.72'
	= 45° tca									0.002 op	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG | PROPERTY: Redstone | HOLE NUMBER: BH94-3 | PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE		SAMPLE INTERVAL	SAMPLE NUMBER	Ni	Cu ppm	Au ppb	Co ppm	Pt ppb	Pb ppb	Rh ppb	CODES OF ANALYSES
865.4-1026	DACITE -											
	- contacts - top: 45° tca											
	- very hard, non-magnetic - grey to buff colour											
	- non-mineralized, silicified											
	- 865.4 - 866 - 5% pn stringers in dacite	%	865.4-866	2917 (%	3.80	912	39	313	467	592	33	
	- 866-868 - trace - 1% cpy/pn stringers	ppm	866-868	2918	1036	508	17					
		ppm	868-870	2919	413	37	14					
	- 909-910 - 2% - stringers of pn, cpy within dacite		908-909	2920	?	?	?					

EOH at 1,026 Nov 12/94

Ken Lapierre "R" Zone intersected

856' - 866' = 10.21% Ni / 10'

includes 860.1 - 866 = 16.49% Ni / 5.9'

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG

OTHER INFO:

ACID TESTS: at ft - DIP

0' = 80°, 500' = 80°, 1,116' = 80°

PRELIMINARY

PROPERTY Blackhawk Mining - Redstone Property
TOWNSHIP Eldorado
CLAIM

HOLE NUMBER [illegible]
GRID REFERENCE 13 [illegible]E/108780
ELEVATION
AZIMUTH -30° (minegrid)
DIP ANGLE -80°
LENGTH 1,116'

DRILLING COMPANY [illegible] Drilling FOREMAN Ed Ludwig

CORE SIZE BQ CORE STORED AT: Redstone [illegible] LOGGED BY [illegible] Lapierre DATES: Nov 14/94 TO Nov 17/94 PAGE 1 OF 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	% [illegible]						CODES OF ANALYSES
0-16	casing (left in hole)									
	-16-109.6 - komatiite -> fresh appearance -									
16-691'	-KOMATIITE Spinifex, talcose, magnesite									
	- grey green to black colour, contact to top = undeterminable									
	- [illegible] texture, locally magnetic to [illegible]									
	-16' - 118' - moderately hard, slightly magnetic									
	- trace mineralization									
	-96.6 - 99 Quartz monzonite - [illegible]°tca									
	-101-109.6' - trace to 2% [illegible] stringers within foliation planes	101-106	[illegible]	0.1						
	- foliation >45°tca	106-109.6	[illegible]	0.09						
	- [illegible] - 156' - [illegible]									
	119.5' - 126.8' - [illegible] grained QFP - hard 35°tca									
	-163-179.4' - fine grained, hard, non magnetic volcanic, talcose rich (Dacite?)									
	contacts at 40°tca, non-mineralized									
	-200' - 290' - broken core - talc rich, soft, local spinifex									
	-204.9'-205.1 - soft gouge - fault ? undet. contacts									
	-216-222.1' - strongly altered appearance, [illegible], soft									
	-222.1' - 225' - dark grey felsic dyke - 40°tca, hard non magnetic									
	-229.8' - 233.4' - dark grey felsic dyke - 45°tca, hard, non magnetic									
	-248.8' - 260 - Feldspar Porphyry - medium grained feldspar grains - 45°tca									
	-385'-385.2' - soft gouge - fault - 45°tca									
	-328.7'-328.8' - fault, [illegible], pulverized - 75°tca									
	-415.5'-416.3' - Quartz Monzonite, hard, k-spar present - 80°tca									
	-422.3'-423.1' - Quartz Monzonite - 45°tca									
	-4[illegible].3 - 424.8' - fault - 45°tca, talc rich, magnesite vein									
	-426' - 440.6' - abundant carb. grains, soft, preferred foliation - 70°tca									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: SHAU-4 PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	% Ni	Cu	PPB Au	CODES OF ANALYSES
	-460.6' - 463.5' - felsic Dyke - 250-55°tca → contact - 5% irregular trending quartz veins with K-Spar alteration associated Adjacent to contact → 1-2% pyrite patches - trace TO 1% disseminated pyrite	453-455	2923			27.5	
		458.6' - 463.2	2924			101	
	-482.5' - 497.6' - QUARTZ Monzonite						
	-497.6' - 498.2' - Quartz Monzonite - 50°tca - chloritized						
	- 500.3' - 501.4' - Quartz Monzonite - 50°tca - chloritized						
	- 512.5' - 513.0' - Quartz Monzonite - feldspar/quartz rich - 45°tca						
	- 514.2' - 514.6 - Quartz Monzonite - feldspar rich						
	-560.5' - 567.3 - Quartz Monzonite Area - chloritized, non-magnetic, moderately hard, trace - 1% pyrite	563.2' - 565.2	2925	0.06			
	-581.8' - 582.1' - Quartz Monzonite - 45°tca						
	-596.4' - 597.0' - Felsic Dyke - fine grained, non-magnetic - 50°tca						
	-616.3' - 634.4' - Felsic Dyke - aphanatic texture - Contacts: top - 60°tca, bottom: 40°tca						
	-634.4' - 656' - 20% irregular trending magnetite stringers - talcose - ultramafic						
	-656' - 675 - black, magnetic, fine grained peridotite						
	-699' - 709.7' - Quartz Monzonite - medium grained feldspar grains - bottom contact = 55°tca						
709.7 - 847.7	DIABASE - 55°tca - contacts: top = 55°tca bottom: uniform - fine grained, massive, unaltered Appearance → grades to Med. grained away from contacts - slightly to moderately magnetic - calcic plagioclase 30-40%, mafic minerals +/- hbld +/- bio, - minor fracturing - non-mineralized						

LAPIERRE EXPLORATION SERVICES INC.

at 891.3 → 993.7'

DIAMOND DRILL LOG PROPERTY: HOLE NUMBER: PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni %	Cu %	Co ppm	Pb ppb	Pd ppb	Rh ppb	CODES OF ANALYSES
847.7'	KOMATIITE - Spinifex - talcose									
994.0'	contact: top = 55° to ca, bottom = 45° to ca									
	- fine grained peridotite/komatiite, generally soft greasy texture									
	- moderately magnetic, locally → spinifex texture									
	- green to black colour									
	- locally → carborate grains, up to 30% irregular trending magnesite stringers									
	- non-mineralized									
	- 861.4 - 877.6 - peridotite - hard, fine grained									
	- 877.6 - 891.5' - strongly talcose, magnesite stringers, spinifex									
	- 891.5' - 903' - fault zone → abundant soft gouge RQD = 10%									
	- stockwork present, chloritized very soft									
	- specific fault dip = 45° to ca									
	- 919.7' - 926 - fault zone - serpentinite rich, very soft fault									
	dip = vertical									
	- 933.7' - 937.5 - feldspar porphyry - chilled margins, hard, k-far									
	- 958' - 974' - Quartz feldspar Porphyry - 40° to ca									
	- chilled margins at contacts → broken core									
	- contacts = serpentinite, very soft, gouge									
	- fine to medium grains of feldspar, quartz									
	- 969.9' - 971.7' - fine grained dark (mafic) dyke									
	- 974' - 989' - Komatiite - soft - abundant carborate grains									
	- 20% irregular trending magnesite stringers									
	- RQD = 80%	983.3' - 986	2926	0.15						
		986 - 989	2927	0.14						
	- 989 - 994.7' - "R" SULPHIDE ZONE - STRINGER TYPE									
	- 989 - 991.3' - chloritized serpentinized area	989 - 991.3	2928	0.11	0.005					4/738/5-8'
	- trace to 1% medium grained sulphide grains									tr. 4.6'
	- 991.3 - 992' - chloritized, 2% pn, py, cpy patches	991.3 - 992	2929	0.53	0.01	556	-	41	-	
	- 992' - 994' - 30% patches, blebs and stringers of	992 - 994	2930	13.23	0.06	760	4033	3492	92	
	pn, po, cpy in a fine grained chloritized, serpentinized groundmass									
	- 994' - 994.8' - 1-2% scattered pn py in mafic groundmass	994 - 994.8	2931	0.45	0.04	48	-	69	-	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: REDSTONE HOLE NUMBER: 3-94-4 PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni	Cu	CODES OF ANALYSES
994-	DACITE / tuffaceous?					
1011'	- contacts: top = [illegible]°tca, bottom = gradational					
	- fine grained, buff colour					
	- hard, non-magnetic					
	- non-mineralized					
	- 994.7 - 995.6' - fine grained black mafic dyke, non-mineralized	994.8-996	2932	0.03		
	- 1,006.4' - 1007.7' - narrow [illegible] to core axis [illegible]°tca →	996-997	2933	0.02		
1011'	INTERMEDIATE VOLCANIC - Carbonated					
1035.5'	- contacts: top [illegible], bottom = [illegible]°tca	1006.4-1007.7	2934	0.01		
	- fine grained appearance, salt & pepper texture - medium grained carbonate grains throughout					
	- hard, non-magnetic					
	- non-mineralized					
1035.5'-	DACITE					
1,116'	- contacts: top = 70°tca					
	- hard, non-magnetic, [illegible] appearance					
	- greyish buff colour					
	- non-mineralized					
	- 1070.1' - 1074.0' - feldspar [illegible] - hard, non-magnetic, [illegible] appearance, fine to medium sized grained ± 70°tca					
	EOH at 1,116' November 17/94 Ken Lapierre					
	989 - 994.7' = "B" SULPHIDE ZONE					
	[illegible] casing in hole					

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft – DIP
0' = 86°, 500' = 86°, 1206' = 86°

HOLE NUMBER BH94-5
GRID REFERENCE 1+340E / 10876N
ELEVATION

DIAMOND DRILL LOG

PROPERTY Redstone – BLACKHAWK MINING –
TOWNSHIP Eldorada
CLAIM

PRELIMINARY

AZIMUTH -030° (MINE GRID NORTH)
DIP ANGLE - 86°
LENGTH 1,206'

DRILLING COMPANY NIGHTHAWK DRILLING FOREMAN Ed Ludwig
CORE SIZE CORE STORED AT: Redstone Mine site LOGGED BY Ken Lapierre DATES: NOV 12/94 TO NOV 17/94 PAGE 1 OF 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
0-15'	Drill Casing (Casing left in hole)									
15'-182'	KOMATIITE - Spinifex									
	- contacts: bottom = 30° tca									
	- fine grained, moderately hard, slightly magnetic									
	- Spinifex present → locally									
	- greyish green colour → greyish black									
	- minor amounts of magnesite stringers									
	- non-mineralized									
	-97'-100.9' - Feldspar Porphyry (possibly a monzonite) - 75° tca, hard									
	-124.4'-136.8' - Quartz Feldspar Porphyry - 45° tca, aphanitic grey matrix									
	-136.8'-182' - 30% irregular trending magnesite stringers									
182'-195'	FELSIC / INTERMEDIATE VOLCANIC (possibly dacite)									
	- contacts: top = 30° tca, bottom = undeterminable									
	- very hard, grey colour, slightly magnetic									
	- locally chloritized									
	- locally preferred orientation ≈ 30° tca									
	- non-mineralized									
195'-334'	ULTRAMAFIC VOLCANIC - Talcose, Carbonated									
	- contacts: top = undeterminable, bottom: 70° tca									
	- altered appearance									
	- 10-20% irregular trending carbonate stringers									
	- strongly talcose, foliated adjacent to intrusions									
	- slightly magnetic, non-mineralized									

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DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH 94-5 PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER								CODES OF ANALYSES
	-129.5 - 137.2' – fine grained black mafic dyke - 40°tca,										
	– soft talc rich contacts										
	-242.7'-243.1' – soft gouge - fault - undeterminable contacts										
	-249.4' - 262' – Monzonite - fine grained, hard, multiple phases										
	– local chlorite from 257.3-258.3										
	-263.2'-264' – Feldspar Porphyry - coarse grained feldspar phenocrysts										
	in a dark black aphanatic matrix										
	– 45°tca, non-mineralized										
	-271.6'- 272.1 – Feldspar Porphyry - same as above										
	-273.4- 275' – broken core - chloritized										
	-284.1'-286' – feldspar Porphyry - coarse grained, hard - 45°tca										
	-331-332.5' – spinifex texture										
334'-358	MAFIC VOLCANIC – possibly dyke										
	- contacts: ~70°tca.										
	- fine grained, hard, greenish black colour										
	- very slightly magnetic										
	- homogeneous appearance										
	- non-magnetic										
358-746'	ULTRAMAFIC VOLCANIC – Talcose, Magnesite										
	- contacts: top = 70°tca, bottom = undeterminable										
	- fine grained, grey to greyish green colour										
	- slightly to non-magnetic (darker colour = more magnetic)										
	- talcose texture (greasy touch)										
	- carbonated and irregular trending magnesite stringers (up to 30%)										
	- trace to 1% disseminated pyrite grains proximal to intrusions										

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DIAMOND DRILL LOG   PROPERTY: Redstone   HOLE NUMBER: BH94-5   PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu	Au ppb				CODES OF ANALYSES
	-375.5'-376.1' - Quartz Monzonite - irregular contacts: top=70°tca bottom=35°tca, K-spar present									
	-380.5'-382.2' - Quartz Monzonite - contacts: top=30°tca, bottom=60°tca									
	-382.2'-390' - trace-1% disseminated pyrite cubes	381-381.7	2935	1160						
	-431-445' - 10% irregular trending Quartz Monzonite & Alkali feldspar rich monzonites → local quartz veins - non-mineralized									
	-449.7'-449.9' - soft gouge - few lt- undeterminable contacts									
	-466'-498.2' - 25% irregular trending barren Quartz Monzonite veinlets									
	-498.2'-511.8' - Felsic Dyke - 35°tca, hard, non-magnetic - associated with adjacent Quartz Monzonite									
	-508-508.7' - quartz vein - 30°tca - smokey grey appearance, trace pyrite at contact	508-510.7	2936			178				
	-509.5'-510.7 - narrow irregular trending smokey grey quartz stringers → 5% patches & stringers of euhedral pyrite.									
	-511.8'-540.7 - Quartz Monzonite: contacts: top 35°tca, bottom=70°tca - local quartz veining → barren - chlorite alteration present.									
	-549'-551' - epidote altered ultramafic - feldspar stringers									
	-582'-584' - chlorite rich section, soft, green colour									
	-598.7-599.8' - Alkali rich Quartz Monzonite - subparallel contacts - dark black chloritic contacts									
	-621'-622.2' - Alkali rich Quartz Monzonite - subparallel contacts at 40°tca									
	-632.5'-670.7' - FELSIC INTRUSION - highly variable, contacts: top 85°tca, bottom=45°tca, hard non-magnetic - center rich core of mafic fragments in a alkali rich groundmass → breccia zone - periphery zone consists of f.g. qtz-monzonite - local areas of chlorite rich contact/ultramafic; locally up to 5% disseminated f.g. pyrite in qtz. monzonite areas	666'-668.8'	2937			7				

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DIAMOND DRILL LOG PROPERTY: [illegible]stone HOLE NUMBER: [illegible] PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
	-626.5'-697.[illegible] - FELS[illegible] DYKE - Con[illegible] [illegible]50° [illegible] [illegible] 40° ca									
	- fine grained, very hard [illegible] [illegible] [illegible]									
	-714.5'-716.8' - soft [illegible]ritized section									
[illegible]-799.[illegible]	KOMATIITE - Spinifex									
	-con[illegible] [illegible] [illegible] 50° ca									
	-fine grained, [illegible], moderately hard, moderately									
	magnetic, 10% irregular trending quartz and qtz/carbonate									
	veining, non-mineralized									
	-local classic spin[illegible] texture									
[illegible] -	[illegible]									
920.4'	contacts: [illegible] 40° ca [illegible] 45° ca									
	-fine to medium [illegible] [illegible] texture									
	[illegible] to [illegible] [illegible]									
	[illegible] [illegible] mineralized [illegible]									
920.4' -	KOMATIITE - Spinifex									
953.1'	-[illegible] 20° ca									
	-fine grained, [illegible], moderately [illegible] to moderately									
	magnetic, 5% irregular trending quartz, qtz/carbonate									
	and [illegible], non-mineralized									
	-spinifex texture throughout									
953.1' -	INTERMEDIATE VOLCANIC									
973.8'	-contacts: top = 50° ca bottom = 45° ca									
	-fine grained, hard, [illegible], carbonated,									
	-non-magnetic, [illegible] appearance									
	[illegible]									
	[illegible]									
973.9' -	ULTRAMAFIC [illegible] - Carbonated									
[illegible]	-contacts: top = [illegible], bottom = 30° ca									
	-fine grained, greyish green, [illegible] moderately magnetic									
	-25% irregular trending [illegible]									

[illegible]

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DIAMOND DRILL LOG — PROPERTY: [illegible] — HOLE NUMBER: BH94-5 — PAGE [illegible]

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni %	Cu	Au ppb	Co ppm	Pt ppb	Pd ppb	Rh ppb	CODES OF ANALYSES
1024.4'-	QUARTZ FELDSPAR [illegible] ROD = 100%										
1067.0'	- contact: top = 35° to ca [illegible]										
	- grey, medium grained quartz/feldspar [illegible]										
	- aphanitic matrix										
	- non magnetic										
	- non-mineralized										
	- bottom contact → chloritized	1064-1066	2938	0.004		3	-				
		1066-1067	2939	0.04		NIL	18	–	<5		
1067.0'-	ULTRAMAFIC VOLCANIC - chloritized "R" SULPHIDE ZONE (WEAK)										
1068	- contact: top/bottom = 45° to ca										0.45% / 4' from 1066-1070'
	- [illegible]oritized										
	- soft, green colour, non-magnetic										
	- 1067.0'-1067.3' - 30% st[illegible] [illegible] of po, py in a chlorite groundmass	1067-1068	2940	2.11%		89	381	567	409	83	
	- quartz [illegible] along top contact										
	- 1067.3'-1068' - 2-3% disseminated po → preferred [illegible] → 45° to ca										
1068-	DACITE	1068-1071.0	2941	0.036		NIL	30	–	<5	-	
1,206'	- contact: top = 45° to ca										
	- fine grained, very hard competent [illegible]										
	- non magnetic										
	- grey to buff colour										
	- [illegible] foliation → 45° to ca										
	- non-mineralized										

COM at Nov 17/94

[illegible] "R" SULPHIDE ZONE intersected

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OTHER INFO:

ACID TESTS: at ft - DIP
0' = 70°, 500' = 70°, 1236' = 70°

PRELIMINARY

HOLE NUMBER BH94-6
GRID REFERENCE 10520E/10820N
ELEVATION
AZIMUTH -030 (mine grid)
DIP ANGLE -70
LENGTH 1,236

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

DRILLING COMPANY Nighthawk Drilling FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY Ken Lapierre DATES: Nov 19/94 TO Nov 23/94 PAGE 1 OF 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Au ppb				CODES OF ANALYSES
0-15'	Drill Casing									
15'-359.5'	ULTRAMAFIC - Peridotite - Magnetic - Asbestos									
	- contacts: top = bottom =									
	- fine grained appearance									
	- hard, strongly magnetic									
	- 5% irregular trending magnesite and serpentinite stringers									
	- local concentrations of asbestos fibres (< ½" length)									
	- local concentrations (<1%) of magnetite, pyrrhotite stringers									
	- 82.2'-82.4' - magnetite, DO, DN vein → 40° to a.	82-82.9'	2942	4340						
	- 130.41-131.0' - irregular trending ½" wide qtz/carb stringers - 2-4% magnetite, pyrrhotite, pyrite, chalcopyrite	130.2'-131'	2943	1560	286					
	- 148'-149.6' - asbestos fibres up to 1" in length									
	- 156.9'-157.6' - asbestos fibres up to ¾" in length									
	- 191-206' - talcose rich area - slightly magnetic RQD: 35%									
	- 257.5'-265' - Felsic Dyke - undeterminable contacts, hard, non-mineralized - talc rich contacts									
	- 271'-280.6' - Aplite Dyke, - felsic, hard, undeterminable contacts									
359.5'-488.2'	ULTRAMAFIC VOLCANIC - Talcose, magnesite, spinifex RQD = 60%									
	- contacts: top: gradational, bottom: sharp									
	- fine grained, soft, slightly to moderately magnetic, local spinifex									
	- talcose, irregular trending magnesite stringers, non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: REDSTONE HOLE NUMBER: BH94-6

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Au ppb				CODES OF ANALYSES
	-402.8'-413.5' - Feldspar Porphyry Dyke - contacts=50°tca - non-mineralized, hard									
	-440.6'-445.1' - soft gouge, broken core, FAULT - 45°tca? - RQD = 0%									
488.2'-	QUARTZ MONZONITE									
506.6'	- contacts: top = 80°tca, bottom = 45°tca - medium grained, equigranular texture, siliceous appearance - hard, non-magnetic, tr-3% pyrite mineralization									
	-591'-591.8' - 3% fine to medium grained disseminated pyrite	591-591.8	2944			TOIL				
506.6'	KOMATIITE - Spinifex									
-765.3'	- contacts: top - 45°tca, bottom = 45°tca - fine grained, grey colour, moderately hard, slightly magnetic, 15% irregular trending magnesite stringers - trace mineralization									
	-550.3'-552.1' - Quartz Monzonite - hard, - bottom contact = cataclastic appearance - contacts = 75°tca									
	-591'-598' - Quartz Monzonite: contacts: top = 90°tca, bottom = 45°tca -598'-618' - Felsic Dyke - fine grained, hard, - bottom = 70°tca									
	-634.6'-635.7' - chlorite rich area									
	-682.9'-686' - Alkali rich felsic dyke, tr-1% m.g. dis. pyrite									
765.3'-	DIABASE -									
841.6'	- contacts: top = 45°tca, bottom = 70°tca - fine to medium grained, equigranular, homogeneous appearance - slightly magnetic, hard, black colour, non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: REDSTONE HOLE NUMBER: BH94-6

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni						CODES OF ANALYSES
841.6' – 894.2'	KOMATIITE – Spinifex RQD = 95% - contacts: top = 70° tca, bottom = - fine grained, grey green colour, moderately hard, - slightly magnetic - trace mineralization									
	- 847.3' - 852' - Quartz Feldspar Porphyry - 55° tca, hard, non-mineralized									
	- 860.6' - 862.7' - Felsic Dyke - grey, non-magnetic									
	- 873.4' - 873.8' - 30% stringers of pyrrhotite, pyrite, ± pentlandite - moderately magnetic	872.4-873.4 873.4-873.8 873.8'-874.8' 889 - 891 891 - 893.1	2945 2946 2947 2948 2949	1100 1650 1320 1380 1520						
	890.2' - 894.2' - "R" SULPHIDE ZONE - massive lens at UM/UD contact → 95% pyrrhotite, pentlandite, pyrite - top = 70° tca, Bottom = 85° tca.	893.1 - 894.2	2950	3.29%			1.0 / 4.0	1%		
894.2' 951	DACITE - fine grained, grey green to green colour - hard, non-magnetic - unaltered appearance - locally mineralized, <5% qtz./carb. stringers - fabric = 45° tca	894.2 - 896 933 - 935	17001 17001	280 94						
951 - 1026.3'	ULTRAMAFIC VOLCANIC - Talcose - Magnesite - KOMATIITE (Spinifex) - contacts - undeterminable - altered appearance - irregular trending magnesite stringers - fabric / foliation → 45° tca - strong talcose alteration, chloritized locally - slightly magnetic, greyish black colour - trace to 1% pyrite									
	- 969.8' - 993.9' - Felsic / Intermediate Dyke - 40° tca, non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-6 PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
1026.3' – 1051.6'	QUARTZ FELDSPAR PORPHYRY contacts: top – irregular, Bottom = 75° tca - medium grained, very hard - non-magnetic, grey colour - non-mineralized									
1051.6' – 1,236'	DACITE - contacts: top – 75° tca - grey colour - hard, non-magnetic - non-mineralized - tuffaceous appearance – local									
	-1135.2' – 1141.9' – Intermediate / Mafic Dyke, hard → 45° tca - non-mineralized									
	-1178' – 1184.5' – Feldspar Dyke – grey matrix – non-magnetic non-mineralized									
	EOH at 1,236' Nov 23/94 Drill Casing left in hole Ken Lapierre									

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft – DIP
0
500 } -65
1000

HOLE NUMBER BH94-7a
GRID REFERENCE 10710E/10645N
ELEVATION
AZIMUTH 030
DIP ANGLE -65N
LENGTH 1306

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

PRELIMINARY

DRILLING COMPANY NightHawk FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY KL. DATES: Nov 17/94 TO Nov 23/94 PAGE 1 OF 6

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
0-62	Drill Casing									
62'-78	- ULTRAMAFIC VOLCANIC - contacts: top = predeterminable, bottom = 45° tca - soft, foliated, talcose greasy texture, - non-magnetic - non-mineralized									
78'-96'	DIABASE - contacts: top = 45° tca, bottom = undetermineable									
96'-117	ULTRAMAFIC VOLCANIC - talcose - contacts: top = undet, bot = 75° tca - fine grained - grey colour - 10% wk. tr. magnesite stringers - trace pyrite									
117'-150'	QUARTZ MONZONITE contacts: top = 75° tca, bottom = 30° tca - equigranular texture - grey colour, hard, non-magnetic - non-mineralized									
150'-150.2'	ULTRAMAFIC VOLCANIC - Talcose - contacts: 30° tca - fine grained, soft, non-magnetic, - non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-7 PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
180.2-	QUARTZ MONZONITE			
224	- contacts: top = 50°tca, bot = undet.			
	- equigranular texture			
	- grey colour, non-magnetic			
	- hard			
	- non-mineralized			
224-	ULTRAMAFIC VOLCANIC			
299.4'	- contacts: top - undet, bot = undet			
	- fine grained, grey colour			
	- moderately hard, non-magnetic			
	- trace mineralization (pyrite)			
	-240.7 - 244.5' - Intermediate Dyke, fine grained - 45°tca			
	- 1% fine to med. f. subhedral pyrite			
	- talc rich contacts			
	-260.8' - 264.7' - Quartz Monzonite: top = 50°tca, bot = 20°tca			
	-266.7' - 268' - Quartz Monzonite - 45°tca			
	-275.2' - 276.3' - Quartz Monzonite: top = 70°tca, bot = 50°tca			
	-284.5' - 286' - broke core - talc rich, soft			
299.4'	- CONTACT ZONE / QUARTZ MONZONITE / DIABASE / ULTRAMAFIC INTERCALATION ZONE			
350.7	- contacts: top = undet, bot = undet RQD = 60%			
	- intercalated section composed of: top contact = diabase, - irregular alternating units of Quartz Monzonite and Talcose rich ultramafic			
	- non-magnetic, non-mineralized			
	299.4' - 303.6 - diabase			
	303.6' - 307.5' - felsic dyke			
	307.5' - 320.3 - Qtz Monz			
	320.3' - 329.6' - ultramafic volcanic - fault at 332 - 332.4' - 50°tca			
	329.6' - 336' - Silicified felsic material			
	336' - 337' - Qtz Monz			
	337' - 350.7' - Ultramafic Volcanic			

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-7

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
350.7'- 429.2'	QUARTZ MONZONITE - contacts: top=undist, bot=70°tca - equigranular texture, hard, non-magnetic - non-mineralized -368.5'-369.3' - broken ground -383.2'-391' - ultramafic volcanic, carbonated, talc rich			
492'- 616.2'	ULTRAMAFIC VOLCANIC - contacts: top=70°tca, bottom=40°tca - fine grained, moderate hardness, - slightly magnetic - randomly oriented magnesite stringers (20%) - grey to greyish green colour - trace to non-mineralized - spinifex absent -524.7'-546'- 4' - Quartz Monzonite / ultramafic intercalation zone - non-mineralized -548.2'-601.9' - felsic dyke - 70°tca?			
616.2'- 702'	QUARTZ MONZONITE - contacts: top=40°tca, bottom=70°tca - aphanitic to equigranular texture - hard, non-magnetic - several "pulses" of intrusive material - non-mineralized - several ultramafic inclusions at: 632'-633', 645-646.3', 649.7-651', 665.1'-666.8', 670.1'-672.1', 676-678.1, 690.5'-692' - spinifex texture present → locally			

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-7 PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb					CODES OF ANALYSES
702	DIABASE									
795.2	contacts: top=40°tca, bot=90°tca									
	- medium grained equigranular texture									
	- plagioclase, mafics → pyroxene									
	→ slightly magnetic									
	- non-mineralized, fresh unaltered appearance									
	- fine grained contacts									
795.2'-	ULTRAMAFIC VOLCANIC									
804.2'	- contacts: top=90°tca, bot=70°tca									
	- chloritized, greenish black colour									
	- slightly magnetic									
	- soft									
	- non-mineralized									
804.2'-	QUARTZ MONZONITE									
815.2'	- contacts: top 70°tca, bot=70°tca (irregular appearance)									
	- hard, non-magnetic, equigranular									
	- felsic fine grained appearance									
	- non-mineralized									
	810.2'-810.7' - fault gouge - 50°tca, chloritized									
815.2'-	PYRITE/FUCHSITE RICH SULPHIDE ZONE									
835.8'	- contact: top=70°tca, bottom=undeterminable									
	- fine grained foliated intermediate volcanic with massive,									
	semi-massive, stringers of pyrite → associated with quartz,									
	and green mica (fuchsite)	815.2-817.9	17066	786						
	- 817.9-818.3' - massive pyrite vein - chloritized groundmass	817.9-818.7	17067	622						
	- 818.7'-821.6' - Massive pyrite vein, local quartz stringers	818.7'-821.6	17068	228	ND					
		821.6'-825.6	17069	587						
	- 825.6'-829.5' - Semi-massive pyrite vein with associated quartz	825.6'-829.5	17070	205	37					
	and fuchsite alteration									
	- 829.5'-831' - 20% stringers of pyrite in a fuchsite rich	829.5-831	17071	370	NIL					
	groundmass									
	- 833.8'-835.8' - [illegible] qtz vein with 10% dis. stringers of py -	831-833.8	17072	720						
		[illegible]	[illegible]	[illegible]	NIL					

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG — PROPERTY: Redstone — HOLE NUMBER: BH94-7 —

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
838.0-	QUARTZ MONZONITE / QUARTZ FELD PORP				
849.2	- contacts: top=undet, bot = 45°tca				
	- equigranular texture, unaltered				
	- hard, non-magnetic				
	- non-mineralized				
849.2-	BANDED IRON FORMATION				
	- contacts: top/bot = 45°tca				
	- silica rich → sulphide rich from top to bottom				
	- smokey grey silica with 10% alternating py bands from 849.2→	849.2'-851	17074	99	
	863,	851 - 856	17075	62	
	- From 863→871 - sulphide bands made from py to po rich in	856-861	17076	50	
	a hard black dacite groundmass	861- 863	17077	128	
	- massive po vein from 866.6'-870' → 5% pyrite blebs.	863 - 866	17078	230	
		866 -871	17079	309	
871'-	DACITE	871 -871.7	17080	112	
1287.	- contacts: top = 45°tca, bot =				
	- fine grained, hard, non-magnetic				
	- chloritized section				
	- grey, green, green grey colour → buff colour at depth				
	- local fragmented appearance				
	- po mineralization scattered throughout (see below) (871'-887.8')				
	-871'-887.8'- irregular trending, crackle to stringers (20%)	871.7'- 876	17081	63	
	- 5% patches/blebs/disseminations of po	876- 880	17082	72	
	-880- 882.5'- semi-massive vein of po in chloritized dacite	880-882.5	17083	364	
		882.5- 884	17084	125	
	-884-887' - Semi-massive vein of po in a chloritized dacite	884-887	17085	384	
		887-888.8	17086	161	
	-893-936.8'- Chloritized Dacite - 5% bleb, stringers of po:	903-904.5	17087	125	
		904.5-905.8	17088	91	
		905.8-907.6	17089	132	
		907.6'-911.7	17090	106	
		911.7-916	17091	105	
		916 -921	17092	86	
		921 - 926	17093	70	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: B94-7 PAGE 6

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
	-	926-931	17094	68	
		931-936	17095	78	
		936-936.8	17096	57	
	-950'-958' - Coarse grained Qtz/Feld Porphyry, grey aphanatic matrix				
	-1030-1,100 - RQD = 98%				
	-1058.6'-1081.7 - Quartz Feldspar Porphyry -45°tca, qtz/Feldspar phenos in a grey matrix → non-mineralized	1083.5-1085.5	17097	54	
	1081.7 - 1085.5 - Dacite, grey-buff colour, non-mineralized	1084.5-1085.5	17098	88	
	-1085.5' - 1092' - "R" SURFACE ZONE - chloritized, garnetiferous dacite:				
	1085.5'-1086.6' - 5% blebs, disseminations & stringers of Pyrite, po, trace cpy, dacite/qtz diorite contact at 15°tca	1085.5-1086.6	17099	76	
	1086.6' - 1092' - 2-4% patches, disseminations of py, po, tr cpy in a chloritized, garnetiferous green coloured dacite, non-magnetic, -tr.g. sulphides - at times very abundant (10%) sporadically scattered throughout.	1086.6'-1088.6	17100	56	
		1088.6'-1089.4	17101	56	
		1089.4-1092	17102	51	
		1092-1094	17103	94	
	-1193.5-1195.3- Feldspar Dyke -65°tca				
	-1206.8-1220.1- Intermediate Dyke -45°tca				
1287-1306	GABBRO - plagioclase, clinopyroxene -fine to medium grained, green colour -slightly magnetic, hard, -fresh unaltered appearance -tr pyrite - disseminated				
	EOH at 1,306'				
	Nov 23/94				
	Ken Lapierre				

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft - DIP
0' = 77°
1000' = 77°

HOLE NUMBER BHQ4-8
GRID REFERENCE 11520E/10820N
ELEVATION
AZIMUTH -030 (mine grid north)
DIP ANGLE -77°
LENGTH 1306

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

PRELIMINARY

DRILLING COMPANY Nighthawk Drilling FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: Redstone Mineside LOGGED BY Ken Laperve DATES: Nov 23/94 TO Nov 26/94

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
0-12	Drill Casing (Casing left in hole)									
12-404.8'	ULTRAMAFIC VOLCANIC - PERIDOTITE -									
	- contacts: top - undeterminable, bottom =									
	- fine grained, hard, strongly magnetic, black colour									
	- 5% irregular trending serpentine ± stringers									
	- <3% stringer/veinlets of magnetite, hematite, ± pyrite									
	- 160.8' - 161.2' - serpentinite/asbestos fibres ≈ ¼" in length									
	- 181.8' - 203' - talcose rich area, soft, slightly magnetic, RQD = 40%									
	- 203' - 209 - Feldspar Porphyry, broken core, RQD = 20%									
	- 212' - 216.9' - feldspar Porphyry, hard non-magnetic, talc rich contacts									
	- 342.6' - 348.4' - Quartz Monzonite - 30°tca, talc altered contacts									
404.8' -	QUARTZ MONZONITE									
455.8'	- contacts: top = 50°tca, bottom = irregular ± 90°tca									
	- fine to medium grained, greyish green colour									
	- very hard, non-magnetic									
	- trace mineralization									
	- talc/chlorite rich contacts									
455.8' -	ULTRAMAFIC VOLCANIC - KOMATIITE - Talcose, Spinifex,									
797'	- contacts: top = irregular ± 90°tca, bottom =									
	- fine grained appearance, black to greyish green colour									
	- talcose texture, soft to moderate hardness									
	- slightly magnetic									
	- 25% irregular trending magnesite stringers									

LAPIERRE EXPLORATION SERVICES INC.

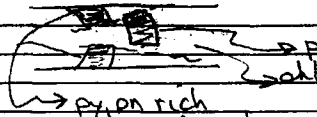
DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-8

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu	Au				CODES OF ANALYSES
	-454'-495' - broken core, RQD = 30% - foliation/fabric at 50°tca									
	-542'-543.5' - Quartz Monzonite; alkali rich, 40°tca, 1% dis. py.									
	-560.2'-561.5' - Quartz Monzonite, alkali feldspar rich, 45°tca -588.9'-589.3' - Quartz Monzonite - subparallel contacts at 45°tca -593.2'-593.9' - Quartz Monzonite - fine grained - 55°tca -600.7'-605.4' - Quartz Monzonite - quartz stringers sub// to core axis - Barren (10°cd bottom contact) -647.5'-668.6' - Quartz Monzonite - hard, equigranular, mafic components → chloritized, siliceous appearance									
	-693.6'-694.2' - Feldspar Porphyry - fine grained, hard, 45°tca									
	-709.8'-712.9' - Fine grained mafic Dyke - 45°tca, talc rich bottom contact -712.9'-716.6' - Quartz Monzonite - 45°tca, talc rich contacts -719.5'-720.9' - Mafic Dyke - hard, non-magnetic, 70°tca									
	-743.7'-744' - broken core, soft gouge, fault - undet. contacts									
	-764'-770.2' - Mafic (fine grained) Dyke, non-mineralized - 50°tca -778.7'-782.8' - Quartz Monzonite; contacts: top: 55°tca, bot = 45°tca									
797'-884.1	INTERMEDIATE VOLCANIC RQD = 95% - contacts: top = 30°tca, bottom = 60°tca - greyish green colour - hard, non-magnetic - non-carbonated - fresh - unaltered appearance - trace mineralization									
		836-836.8	17003	73						
	836.8'-845.5' - SULPHIDE ZONE - po, py, cpy → magnetic	836.8-840.2	17004	66						
	- 836.8'-840.2' - chloritized volcanic - fabric = 55°tca - trace → 2% py along fabric planes									
	- 840.2-840.9' - 40% semi-massive vein in carb/qtz/chl. matrix	840.2-840.9	17005	678						

po, py, cpy

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redotore HOLE NUMBER: BH94-8

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni	Cu	Au				CODES OF ANALYSES
	-840.9'-842.2' - 2% disseminations & stringers of py,po ± pb	840.9'-842.5'	17006	115						
	-842.2' -842.5' ultramafic dyke - 55° tca - non-magnetic - (diabase?)									
	-842.5' - 842.9' - 15% disseminations & stringers of py,po,pb in chloritized, qtz rich groundmass, local faulting present.	842.5-842.9	17007	192						
										
	- post fault mineralization ??? pyrite → alteration → pyrrhotite (fractures)									
	-842.9 -843.8' - black, fine grained ultramafic dyke, hard/dia	842.9-843.8'	17008	80						
	-843.8'-845.5' - chloritized/carbonated ground mass - 2% py,po disseminations & stringers	843.8-845.5	17009	276						
		845.5-847	17010	130						
884.1 - 952'	DIABASE contacts: top = 60° tca, bottom = undeterminable - fine to medium grained, black, slightly magnetic, - non-mineralized									
	-884.1 - 892.1 - Quartz Vein System → adjacent to top diabase contact - 60% Quartz Vein associated with greenish bleach chlorite/talc ground mass (alteration effect of diabase?) - qtz → barren, chlorite fragments, carbonate									
952' - 992.7'	ULTRAMAFIC - KOMATIITE - Spinifex RQD = 100% - contacts: top = undeterminable, bottom - 40° tca - fine grained, black to greyish black - slightly magnetic - classic spinifex texture throughout - 25-40% irregular trending magnetite stringers - carbonated - non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-8

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu					CODES OF ANALYSES
	-960'-964.2' - diabase, fine grained, moderately magnetic									
982.7'	DACITE - Carbonated RQD = 95%									
992'	contacts: top = 40° tca, bottom = 40° tca									
	- fine grained, chloritized section									
	- non-magnetic, hard, 20% irregular trending qtz/carb. stringers									
	- greyish green colour									
	- mineralized (see below) at bottom contact	980.7-982.7	17011	752						
	(a) lightly to moderately magnetic	982.7-984.7	17017	617						
	984.7' - "A" SULPHIDE ZONE (Transition Area?) (edge)	984.7-986	17013							
1,011	-984.7-986 - 5→10% dissemination & stringers of po, py, ±cp	984.7-986	17013	1160						
	-986'-989' - trace-1% sulphides, local quartz/carb stringers	986'-989	17014	788						
	-989'-992' - 40% massive po, py, ±cp, ±veins in a chloritized dacitic groundmass; sulphides veins associated with smokey, grey qtz material, - 2-5% coarse grained pyrite	989'-992	17015	2140						
992'-	KOMATIITE - Spinifex									
1016.4'	- contacts: top = 40° tca, bottom = 40° tca									
	- fine grained, altered appearance, spinifex throughout									
	- carbonated, 15-20% irregular trending, oriented stringers									
	- greyish black colour, non-magnetic (lack of qtz.)									
	- 1-5% disseminated and stringers of po, py, ±cp (see below)									
	-992'-1001.7' - lack of magnetite stringers									
	-992'-994' - trace-1% po, ±cp, py, non-carbonated	992-994	17016	1120						
		994-996	17017	986						
		996-998	17018	1380						
	-998-1,000' - 1% stringers of cp, py in a hard komatiite groundmass, sulphide stringers associated with magnetite stringers	998-1,000	17019	831						
	-1,000'-1,001.7' - trace sulphides	1,000-1,001.7	17020	1060						
	-1,001.7-1,005' ± trace sulphides - carbonate rich section	1,001.7-1005	17021	1450						
	-1,005-1,007.8' - 2% blebs & discontinuous stringers of pentlandite in a black chlorite/talc matrix/strongly carbonated	1,005-1007.8	17022	2310						
	-1,007.8-1,011 - 1% blebs & stringers (discontinuous) of po	1007.8-1011	17023	1710						
	-1,011-1,016.4 - trace sulphides, carbonated, chloritized	1,011-1013	17024	1620						
		1,013-1016.4	17025	1190						

0.137%

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: DH94-8 PAGE 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu	Au				CODES OF ANALYSES
1,016.4- 1122.7'	DACITE -contacts: top = 40°tca, bottom = 35°tca -fine grained, very hard -green to grey to buff colour -local foliation/alteration at top contact = 40°tca -non-magnetic -trace sulphide mineralization:									
	-1016.4' - 1026' - trace - 1% blebs/patches of pyrrhotite	1016.4 - 1021 1021 - 1023 1023 - 1026	17026 17027 17028	344 176 75						
1122.7'- 1155.8'	KOMATIITE - Spinifex, talcose RQD = 50° contacts: top = 35°tca, bottom = 70°tca -strongly altered → chlorite, talc -local spinifex -greyish green -quartz present -non-mineralized									
	-1130' - 1132.1' - Intermediate Dyke, chloritized contacts - 70°tca									
	-1142.5' - 1151 - Intermediate Dyke, hard, non-magnetic									
1155.8'- 1218.7	QUARTZ FELDSPAR PORPHYRY -contacts: top = 70°tca, bottom = 35°tca -medium grained qtz/feldspar phenocrysts in a grey matrix -very hard, non-magnetic -non-mineralized									
	-1173.2' - 1181 - talcose ultramafic, carbonated, non-mineralized									
	-1207.8' - 1212' - fine grained QFP	EOH at 1306'				Nov 23/94				
		Dr. Lapierre								
1218.7- 1306'	DACITE contacts: top = 35°tca, grey to buff colour, hard, non-magnetic -non-mineralized, unaltered									

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft - DIP

0 = 62°
500 = 62°
1,000 = 62°

HOLE NUMBER BH94-9
GRID REFERENCE 11075E/10S1ON
ELEVATION
AZIMUTH 030° (mineguid north)
DIP ANGLE -62°
LENGTH 1,418'

DIAMOND DRILL LOG

PROPERTY Radotone
TOWNSHIP Eldorado
CLAIM

PRELIMARY

DRILLING COMPANY DOMINIQUE FOREMAN
CORE SIZE BQ CORE STORED AT: REDSTONE LOGGED BY KEN LAPIERRE DATES: NOV 23/94 TO NOV 27/94 PAGE 1 OF 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu					CODES OF ANALYSES
0 - 23'	Drill Casing (casing left in hole)									
23 - 39.6'	KOMATIITE - Spinifex RQD = 10%									
	contacts - undeterminable									
	- broken core, spinifex texture throughout									
	- fine grained, slightly magnetic									
	- greyish black									
	- non-mineralized									
39.6' - 151'	DIABASE									
	- contacts: top - undeterminable, bottom = 75° tca									
	- medium grained equigranular texture									
	- grey colour									
	- slightly → moderately magnetic									
	- non-mineralized									
151' - 228'	ULTRAMAFIC VOLCANIC - Talcose									
	- contacts: top = 75° tca, bottom = subh, irregular									
	- fine grained soft, talcose									
	- contorted appearance									
	- non-magnetic									
	- slightly mineralized									
	- 151 - 156' - top contact = 2% disseminations of sulphides, py, ± cpy	151-156	17451	1180						
	- 186' - 203.5' - RQD: 5% broken core, strongly talcose, carbonated - FAULT ZONE → ± 70-80° tca?									
	- 222' - 228' - Diabase - fine grained - slightly magnetic, chlorite rich contacts									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-9

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm						CODES OF ANALYSES
228-441'	ULTRAMAFIC VOLCANIC (Peridotite) contacts: top = sub//, irregular, bottom = gradational - fine grained - greyish black to black colour - slightly magnetic - 5-10% talc/serpentinite stringers - non-mineralized - 275'-296' - RQD = 50%, broken core - 296.6'-307.7' - Quartz Feldspar Porphyry - 60° tca - talc rich contacts - 305'-306.2' - chloritized, talcose section - 394.6'-399.5' - Mafic Dyke? hard, non-magnetic									
441'-505.5'	BANDED SILICEOUS/SULPHIDE IRON FORMATION - contacts: top: undefined (gradational), bottom = 40° tca contorted irregular, subparallel sulphide bands, patches, stringers in a silica rich groundmass - sulphides = po (non-mag), py, cpy - 441'-443' - chlorite rich groundmass - 443-446' - chlorite < silica > - 446-454.8' - 60% semi-massive seams of non-magnetic po, py, in a silica rich groundmass - 454.8'-498.4' - silica rich - 5-20% sulphides, → grades from non-magnetic to magnetic po, py (generally po is magnetic rich) →	441'-443 443-446 446-450 450-452.5 452.5-454.8 454.8-456 456-461 461-466 466-471 471-476 476-481 481-486 486-491 491-496 496-498.4 498.4-500	17452 17453 17454 17455 17456 17457 17458 17459 17460 17461 17462 17463 17464 17465 17466 17467	172 124 262 256 70 222 264 56 40 200 54 96 106 52 80 70						

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-9 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	UT	Au Ppb					CODES OF ANALYSES
503.5'	ULTRAMAFIC VOLCANIC - Talcose, Magnesite									
1004.2	contacts: top = 40°tca, bottom = 50°tca									
	- strongly talcose top contact → contorted appearance									
	- carbonated, grey colour, local spinifex texture present									
	- moderately magnetic									
	- 30-40% magnesite stringers - irregular trending									
	- trace - 1% pyrite mineralization									
	-515' - 516.5' - Felsic Dyke - 70°tca									
	-516.5' - 531' - foliated → 45°tca, chloritized									
	-532.5' - 537.8' - Quartz feldspar porphyry - 45°tca									
	-544.5' - 545.3 - soft gouge									
	-563-564' - soft gouge, RQD = 0%									
	-564' - 578.8' - Quartz Monzonite		17468		24					
	- trace - 2% dis. m.g. subhedral pyrite									
	- 574.8' - 576.2' → 3% pyrite									
	-590.6 - 591 - soft gouge, fault zone - undef. contacts									
	- 598.1' - 598.3' - soft gouge → 70°tca									
	- 601' - 602' - broken core									
	- 601' - 620 - RQD = 60%									
	- 630.7' - 633' - Quartz Monzonite - silicified - 70°tca									
	- 641.4' - 709 - K-20% irregular trending Qtz, Monzonite lenses/veins, hard, non-magnetic, non-mineralized									
	- 710.5' - 714 - Quartz Monzonite - 40°tca									
	- 717.4' - 718.3' - Quartz Monzonite - 60°tca									
	- 725.5 - 744.4' - Quartz Monzonite - 50°tca - silicified UM throughout section									
	- 753 - 759' - Silicified Quartz Monzonite - 756.4 - 757.9' - qtz vein - trace pyrite									
	- 799.3' - 804.7 - Mafic Dyke - 60°tca, non-magnetic									
	- 832.5' - 833.7' - Quartz Monzonite - 60°tca									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-9 PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
	-843.9' - 854.3' - Mafic Dyke - chloritized fragments/grains in dark grey matrix, 40°tca									
	- 866.4' - 867.5' - Mafic Dyke - 90°tc.a									
	-867.7' - 868.6' - Quartz Monzonite - sub// contacts ⇒ top = 40°tca bottom = 90°tca									
	-869.3' - 874.6' - Quartz Monzonite - chloritized contacts									
	-908.6' - 913.8' - Intermediate Dyke, hard, fine grained, grey, 50°tca									
	- 919. - 926.4' - Quartz Monzonite - chlorite/talc rich contacts - contacts: top = 30°tca, bottom = 50°tca									
	-967.6' - 979.5' - Diabase - fine grained, magnetic, 50°tca									
	-989' - 994' - Mafic/Intermediate Dyke, non-magnetic -994' - 1,006.5' - Spinifex texture - fragmented appearance, - acqua blue serpentinization									
1004.2 - 1105	DIABASE - contacts: top = 50°tca, bottom = 45°tca - fine to medium grained appearance, pyroxene, amphibole - fresh unaltered appearance - magnetic, non-mineralized, fine grained proximal to bottom contact									
	- 1073' - 1079.3' - 1101.6' - 1105' - silicified bottom contact									
1105 - 1199	ULTRAMAFIC VOLCANIC - Magnesite, Talcose - contacts: top = 45°tca, bottom = 40°tca - fine grained, black to greyish green colour, slightly magnetic - 30% irregular trending magnesite stringers - local spinifex texture (minor)									
	-1142' - 1143' - Mafic Dyke.									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-9 PAGE 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni %	CODES OF ANALYSES
	-1171.6'-1176' - Quartz Feldspar Porphyry: top contact = 30°tca				
	-1180'-1186' - grindings of 6' of ore → talc rich environment				
		1186.3'-1188.5	17469	0.60	
	-1188.5'-1191.4' - QFP? → fragmental? → preferred orientation / foliation of qtz/carb phenocrysts → 50°tca.	1188.5-1191.4	17470	0.013	
	-1191.4'-1199' - "B" Sulphide Zone (WEAK)	1191.4-1194.1	17471	0.18	
	-1191.8'-1196 = talc rich tr-1% patches/blebs of pn, py	1194.1'-1196	17472	0.157	
	-1196-1197 - talc rich, magnesite stringers - 1% blebs of pn	1196-1197	17473	0.202	
	-1197-1199' - 1-3% blebs & discontinuous stringers of pentlandite in a chlorite talc groundmass	1197-1199	17474	2.21	
1199-1436?	DACITE -contacts, top = 50°tca -fine grained → aphanitic appearance -very hard -non-magnetic -slight preferred orientation / fabric → 40-50°tca	1199-1201	17475	0.013	
	EOH of hole at 1,426 Nov 27/94				

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft – DIP
0 = 93
506 = 82°
1246 = 81°

PRELIMINARY

HOLE NUMBER BHQ4-10
GRID REFERENCE 11520E / 10918N
ELEVATION
AZIMUTH 033° (3° east of mine grid north)
DIP ANGLE – 83°
LENGTH 1,366'

DIAMOND DRILL LOG

PROPERTY Redstone - BLACKHAWK MINING
TOWNSHIP Eldorado
CLAIM

DRILLING COMPANY Nighthawk FOREMAN Ed Ludwig

CORE SIZE BQ CORE STORED AT: Restone LOGGED BY Ken Lapierre DATES: Nov 26/94 TO Dec 2/94 PAGE 1 OF 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
0 - 3	Drill Casing (casing left in hole)									
3' – 424.6'	ULTRAMAFIC VOLCANIC – PERIDOTITE - contacts: bottom: - fine grained appearance - moderately magnetic, black colour - <5% sub// serpentinite, asbestos stringers - <1% magnetite stringers - non-mineralized - 56' - 58.6' - Broken core, serpentinite/asbestos fibres stringers ¼" wide - 66' - 86' - spinifex texture present → Komatiite (talc rich) - 121' - 130' - acquamarine carbonate stringers - 178.4' - 189.3' Quartz Feldspar Porphyry - 189.6' - 226.4' - talcose rich section, slightly magnetic, RQD=75% - 226 - 261.7 - Feldspar Porphyry - fine grained/Aphenocrysts, non-magnetic - 345.7' - 353.2' - Alkali-rich Quartz Feldspar Porphyry - irregular contacts - strongly altered talc rich contacts - 361' - 382.5' - Feldspar Porphyry - Feldspar phenocrysts in a dark grey aphanitic matrix, medium grained									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-10 PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm							CODES OF ANALYSES
424.6'-	FELDSPAR PORPHYRY										
478.7'	- contacts: top = 50°tca, bottom = 50°tca										
	- fine to medium grained feldspar phenocrysts in a grey aphanitic matrix										
	- hard, grey colour, non-magnetic										
	- local talc rich areas										
	- non-mineralized										
478.7' -	ULTRAMAFIC VOLCANIC - Talcose, Carbonated										
774	- contacts: top = 50°tca, bottom = gradational										
	- fine grained, local m.g. carbonate spots										
	- moderately soft										
	- irregular banding, contorted carbonate (magnesite) stringers (25%)										
	- local spinifex texture										
	- trace pyrite (generally associated with carbonate stringers										
	-491'-502.7 - Broken core: soft gouge RQD = 50%										
	-499.7'-502.7' - broken core: 2% sulphides associated with foliation planes → 60°tca	499.7-502.7	17029	907							
	-567.2'-582' - Quartz Monzonite - contacts - 45°tca - altered rust top half, chloritized bottom half - non-mineralized										
	-621.4-625.8 - Quartz Monzonite - alkali feldspar rich										
	-651.7'-702' - Quartz Monzonite - 80°tca (top) - 35°tca (bottom)										
	-727.4'-746.5 - Quartz Monzonite - hard foliated - 50°tca										
774'-	GABBRO?	773.4-777	17030	761							
833.4'	contacts: top = gradational, bottom = gradational										
	- fine grained - medium grained equigranular appearance										
	- non-magnetic to slightly magnetic										
	10% carbonate / hematite altered stringers → locally mineralized with coarse grained subhedral pyrite										
	- trace - 1% disseminated pyrite locally throughout										

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-10

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
853.4 – 973	INTERMEDIATE VOLCANIC - contacts top: gradational, bottom = undetermined - fine to medium grained - fresh unaltered appearance - non-magnetic, grey to greyish green colour - trace mineralization				
	-955-957 - contorted, chloritized area, 2% patches, blebs, small stringers of PO, Py	955-957	17031	97	
	-959.3' - 968.5 - Quartz Monzonite - hard, non-magnetic, non-mineralized				
973 – 1093'	KOMATIITE - Spinifex, Magnesite - contacts: top = undeterminable, bottom - fine grained, black, carbonated - 20% irregular trending magnetite stringers - chloritized top contact - spinifex texture throughout				
	-1022 - 1035.3 - Diabase - magnetic, black, bottom contact = 30° tca -1035.2' - 1065.6' - chloritized, hard, ultramafic/intermediate volcanic -1065.6' - 1076.2 - Quartz Monzonite - 50° tca				
1093' – 1213.7'	DACITE - contacts: top 40° tca, bottom = 45° tca - grey green to grey buff colour - fine grained appearance, hard, locally carbonated - local foliation planes - 45° tca - local areas of PO, Py mineralization (see below)	1093 - 1095.5	17032	1290	
	-1095.5' - 1106.5 - SULPHIDE ZONE (5%) - patches, blebs, discontinuous stringers of PO, Py, ± Po - magnetic (Po) (lack of cpy) - PO, Py locally associated with carbonate	1095.5-1096	17033	1030	
		1096 - 1098	17034	746	
		1098 - 1100.3	17035	1280	
		1100.3-1103.8	17036	966	
		1103.8 - 1104.5	17037	1690	
		1104.5-1108.2	17038	1490	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-10 PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
		1108.2'-1109.8	17039	1800	
		1109.8-1111.5	17040	1960	
		1111.5-1116	17041	345	
	1116.6-1120.4 - tremolite rich zone, 3% medium grained po patches ⇒ "R" Sulphide zone	1116-1120.4	17042	2310	→ "R" Zone-Sulphide
		1120.4-1122.4	17043	1880	
		1122.4'-1126	17044	738	
		1126-1131	17045	260	
		1140.5'-1141.1	17046	1877	
		1163.3'-1163.8	17047	100	
	- 1173.4'-1180.4 - SULPHIDE ZONE ("R"?)	1173.4-1176	17048	79	
	- hard, partially chloritized & carbonated	1176'-1178.2	17049	78	
	- 2-5% blebs & discontinuous stringers of po, py, trace cpy, sulphides along fabric (foliation planes ⇒ 45°tca, carbonated areas associated with sulphides	1178.2'-1180.4	17050	67	
	- no distinct contact ⇒ bounded in Vd.	1180.4-1184	17051	74	
		1194.6-1195.4	17052	126	
1213.7'-1237'	ULTRAMAFIC VOLCANIC - Talcose contacts: top=50°tca, bottom = 35°tca - soft, grey colour, non-magnetic - 15% irregular trending magnetite stringers - trace sulphides at bottom contact	1236-1237	17053	2160	
1237'-1269.6'	DACITE - contacts: top= 35°tca, bottom = undetermineable (broken core) - fine grained, grey/buff colour, non-magnetic - tuffaceous/fragmented appearance? - non-mineralized				

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: LE-94-10 PAGE 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
1269.6-	ULTRAMAFIC VOLCANIC - Strongly talcose.			
1294	- contacts: top = undeterminable. bottom = undet.			
	- strongly altered to a talc/serpentinite rich material			
	- fabric/foliation at 20-30° tca			
	- strongly carbonated			
	- non-mineralized			
	1284.6' - 1285.9. - soft gouge - fault zone		K	
			D	
1294'-	- DACITE			
1333.6	- contacts: top = undet. Bottom = 40° tca		K	
	- fine grained, hard, grey to buff grey color		D	
	- non-magnetic			
	- preserved foliation/fabric, = 40° tca		K	
	- non-mineralization			
			D	
1333.16'-	QUARTZ FELDSPAR PORPHYRY			
1366	- contact = 40° tca			
	- fine to medium grain feld/qtz phenos in a grey matrix			
	- hard, non-magnetic			
	- non-mineralized			
	EOH at 1366' Dec 3/94 Ken Lapierre			

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG

OTHER INFO: PRELIMARY

ACID TESTS: at ft - DIP
0=73°
500=73°
1000=73°

PROPERTY Redstone
TOWNSHIP Eldorada
CLAIM

HOLE NUMBER BH94-11
GRID REFERENCE L1150E/10800N
ELEVATION
AZIMUTH -030 (Mine Grid)
DIP ANGLE -73°
LENGTH 1166'

DRILLING COMPANY DOMINIQUE FOREMAN

CORE SIZE BQ CORE STORED AT: Redstone Site LOGGED BY K.L. DATES: Nov 27/94 TO Dec 2/94 PAGE 1 OF 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
0 - 31	DRILL CASING									
31'-37.5'	QUARTZ FELDSPAR PORPHYRY									
	- contacts - top = undeterminable, bottom = 35° tca									
	- fine grained qtz/feldspar phenocrysts in a grey matrix									
	- non-magnetic									
	- non-mineralized									
37.5' - 103'	INTERMEDIATE VOLCANIC									
	- contacts: top = 35°, bottom = gradational?									
	- fine grained massive appearance									
	- greyish green colour, non-magnetic									
	- non-mineralized									
103' - 462.2'	ULTRAMAFIC VOLCANIC - Peridotite									
	- contacts: top = gradational									
	- fine grained massive appearance									
	- slightly to moderately magnetic									
	- black colour									
	- 10% irregular trending magnesite stringers									
	- non-mineralized									
	191.5'-192.3' - talc rich alteration - soft									
	361 - 361.8' - Syenite? Dyke - 85° tca.									
	401 - 412' - local areas of chlorite soft gouge - foliation → 60-80° tca									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Rebtone HOLE NUMBER: BH94-11

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER								CODES OF ANALYSES
	-427-434.7' - Quartz Monzonite - silicified, contacts = top: 60°tca bottom = 70°tca										
	-435.9-436.1' - Quartz Monzonite - 70°tca										
	-437.2'-438.8' - Quartz Monzonite - 45°tca; silicified										
	-439.6'-440.5' - Quartz Monzonite - 50°tca, silicified										
	-447.3'-448.6' - Quartz Monzonite - 50°tca, silicified										
	-448.3'-450.6' - Quartz Monzonite, Silicified, bottom contact = broken core										
	-461.2'-462.2' - Quartz Monzonite - 55°tca, silicified										
462.2'-654	ULTRAMAFIC VOLCANIC - Magnesite, Talc-ree - contacts - indeterminable - fine grained, slightly magnetic - grey colour - talc-carb texture - abundant narrow irregular trending stringers of magnesite - minor calcite gauge - non-mineralized										
	-529.3'-530 - quartz/feldspar vein - 70°tca - non-mineralized										
	-547.2'-548.2' - Quartz Monzonite, contacts: top = 90°tca, bot = 45°tca										
	-602.8'-637.5' - Quartz Monzonite - contacts = 80°tca, bot = 60°tca - broken core, hard, local talc rich ultramafic lenses.										
	-645.3'-648' - Quartz Monzonite - 60°tca -653' - 654' - fault gouge - 50°tca										
654'-958.2	KOMATIITE - Spinifex - contacts: top = indeterminable, bottom = 65°tca - fine grained, moderate veining → local										

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Fabtore HOLE NUMBER: ~~B1994-11~~ PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni %	Cu %	Co	Au	Pt	Pd / Rh	CODES OF ANALYSES
	-magnetic, <1%, ss. trending magnetite stringers									
	- aphanitic texture throughout									
	- non-mineralized									
	-698.2'-705.8' - diabase - contacts: top=70°tca, bot=45°tca									
	-797.6' -816' - broken core = RQD=0%									
	- soft gouge									
	-798'-812.5' - Felsic Dike - undeterminable contacts									
	-876'-900.5' - 30% irregular trending stringers-magnetite									
	-900.5'-905.6' - Quartz feldspar porphyry									
	-907'-953' - Quartz Feldspar Porphyry RQD=97%									
	- unaltered, flesh appearance, coarse grained qtz/									
	feldspar phenos in a grey aphanitic matrix									
	- slight fabric/orientation to phenos →45°tca									
	- non-mineralized	951.9-953	17476	0.03						
	-953'-958.2 - "R" SULPHIDE ZONE RQD=100%									
	-953-954.6 - tremolite rich alteration area - pervasive bladed/	953-954.6	17477	0.17	0.005	0.002				
	tremolite - trace. py blebs → disseminated									
	-954.6'-956.6' - Massive py vein, 10% chlorite rich clasts/	954.6'-956.6	17478	21.04	0.68	0.159				
	patches, <3% cpy → generally associated with									
	and proximal to chlorite									
	- non-magnetic									
	-956.6'-958.2' - 2-3% patches/stringers of py in a grey hard	956.6'-957.1	17479	2.98	0.15	0.020				
	dacite rich groundmass, 10% ss. fr. mag. stringers	957.6-958.2	17480	0.04						
958.2	DACITE RQD=95%	958.2-959	17481	0.04						
1166'	-contacts: top=65°tca									
	- fine grained aphanitic hard,	1008-1009	17482	0.19						
	- local fabric →50°tc									
	- local fragmented appearance									
	- hard, grey to buff grey colour (local reddish grey colour)		EOH at 1,166'							
	- non-magnetic									
	-									

Dec 2/94
Don Lapierre

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

OTHER INFO:

PRELIMINARY

ACID TESTS: at ft – DIP
0 = 70°
546' = 70°
1006 = 66°

HOLE NUMBER BH94-12
GRID REFERENCE 109000N/11700E
ELEVATION
AZIMUTH 030C
DIP ANGLE –70°
LENGTH 1,006'

DRILLING COMPANY NightHawk FOREMAN Ed Cochrane

CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY K.L. DATES: Dec 2/94 TO Dec 6/94 PAGE 1 OF 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
0–6'	Drill Casing				
6'–84.5'	DIABASE				
	– fine grained contacts: 45°tca				
	– black colour				
	– homogeneous, fresh unaltered appearance				
	– magnetic				
	– non-mineralized				
84.5–	GABBRO?				
140.2	– medium grained contacts: top: 45°tca, bottom = undeterminable				
	– non-magnetic				
	– greyish green colour				
	– fresh unaltered, minor epidote alteration				
	– 116–118' – felsic dyke – alkali feldspar alteration				
140.2'–	Peridotite				
407.5'	– contacts: top: undeterminable, bottom = 60°tca				
	– fine grained, black, magnetic, hard,				
	– talc rich top contact				
	– local mineralization	152.3–154.8	17054	635	
	– 184'–203' – Quartz Monzonite undeterminable contacts	178–179.4	17055	946	
	– non-mineralized, aphanitic to equigranular appearance				
	– 331.4'–338.5' – Quartz Monzonite – 40°tca, non-mineralized				
	– 396'–407.5' – talc rich alteration at bottom contact to Qtz Monz				

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-12 PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni						CODES OF ANALYSES
407.5'-	QUARTZ MONZONITE									
437'	- contacts: 60°tca									
	- fine grained equigranular texture									
	- hard, non magnetic									
	- grey colour									
	- felsic rich contacts									
	- non-mineralized									
437'-	ULTRAMAFIC VOLCANIC - Magnetite Stringers									
731.6'	Contacts: top=60°tca									
	- fine grained, green/black colour									
	- soft, greasy texture, non to slightly magnetic									
	- 25% irregular trending and contorted magnetite stringers									
	- trace pyrite mineralization									
	- 463.1' - 463.4', soft gouge, chloritized, → FAULT → 75°tca?									
	- 466.3' - 466.5' " " " "									
	- 540' - 540.5' - soft gouge, chloritized, carbonated - 60°tca									
	- 589.2' - 612.3' - Quartz Monzonite - contacts: top=80°, bottom: unidentifiable									
	- 613' - 621.5' - 10% Quartz Monzonite lenses/fingers in ultramafic									
	- Generally - contacts at 70-80°tca									
	- 651.8 - 682.5' - QUARTZ MONZONITE - fresh, unaltered, equigranular									
	- grey colour, local alkali feldspar = pinkish color									
	- 717.7' - 723.6' - Diabase - fine grained, magnetic, 45°tca	726.5 - 727.5	17056	850						
		727.5' - 731	17057	758						
731' -	BANDED IRON FORMATION	731 - 731.8	17058	189						
743.2'	contacts: top=50°tca	731.8 - 736	17059	173						
	- 20% irregular bands/stringers of PO, PY,	736' - 741	17060	202						
	- pyrite rich top contact	741 - 743.2	17061	194						
	- silica rich groundmass									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Rabbit HOLE NUMBER: BH94-12 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm						CODES OF ANALYSES
743.2 - 776	DIABASE - contact: 45° to ca - medium grained, black colour, magnetic - non-mineralized									
776' - 854.7'	DACITE contact: top = 45° to ca, bottom = - fine grained, banded appearance → locally - hard, non-magnetic - unaltered appearance - non-mineralized* (see below zones)									
	-786'-806' - SULPHIDE ZONE - massive po, pyrite bands	786-791	17062	404						
	-786-791 - massive band of po, py	791-796	17063	400						
	-794-806' - zone massive, bands → 50° to ca.	796-801	17064	200						
	-799-802.7 - diabase dyke → 60° to ca	801-806	17065	393						
	-819-821.5' - chloritized Yd. non-mineralized								assay for complete range of elements	
									KL 12/94	
854.7' 889	GABBRO? contacts: top = 90° to ca, bottom = undeterminable fine to medium grained equigranular texture hard, non-magnetic, non-carbonated - non-mineralized									
889 - 1006	DACITE - contacts: top = undetermined - aphanitic, fabric present → 50° to ca - hard, non-magnetic - grey colour - local chlorite alteration - non-mineralized									
	EOH 1006 KenLapierre									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG

PROPERTY Redstone - Blackhawk
TOWNSHIP Eldorado
CLAIM
DRILLING COMPANY Dominique

OTHER INFO:

PRELIMINARY

FOREMAN Ed Ladwig

ACID TESTS: at ft - DIP
0' = 67°
500' = 65°
1,000' = 65°

HOLE NUMBER BH94-13
GRID REFERENCE 11000E / 10600N
ELEVATION
AZIMUTH -030° grid north
DIP ANGLE -67°
LENGTH 1,276'

CORE SIZE BQ CORE STORED AT: Redstone Minesite LOGGED BY KL DATES: Dec 1/94 TO Dec 6/94 PAGE 1 OF 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm						CODES OF ANALYSES
0-40'	DRILL CASING (Casing left in hole)									
40'-142.8'	ULTRAMAFIC VOLCANIC									
	- contact ; bot = 65° tca									
	- fine grained, slightly magnetic									
	- moderately hard, locally talcose									
	- trace pyrite									
	- 40'-76' - RQD = 10%, broken core, strong talc alteration									
	- 69.7'-73' - Quartz Vein → chlorite alteration, barren									
		76'-77	17483	584						
	- 77'-77.8' - semi-massive vein of po, py at UM / Diabase contact	77-78	17484	522						
	- 77.8'-85.2 - Diabase - 45° tca									
	- 102.7'-112.6' - Diabase -									
	- 130.7'-142.8' - Felsic Dyke → Qtz Monz / QFP / Felsic → gradation									
142.8' - 173	IRON FORMATION	142.8-146	17485	57						
	- discontinuous irregular trending po, py stringers and veins in a siliceous, chloritized groundmass	146-148.4	17486	152						
	(184-185)	184-185	17487	140						
	- po, py, mg vein at bottom of um pile									
173-185	ULTRAMAFIC VOLCANIC - Talcose									
	- finegrained, talc altered, soft, slightly magnetic, non-mineralized except at bottom contact to intrusion									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-13

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb	CODES OF ANALYSES
185- 207.8	Multi-Phase QFP/Diabase/QFP 195'-186.8'-Qtz feldspar Porphyry - coarse grained qtz/feldspar phens - 60°tca 186.8'-201.6'- Diabase magnetic → top = 60°tca, bot = 45°tca 201.6'-207.8'- Qtz feldspar Porphyry					
207.8'- 224	BANDED IRON FORMATION contact: top = 60°tca, bottom = gradational -10% irregular trending po, py stringers in a silica rich groundmass -bottom ½ = chloritized -rock fabric → 60°tca	216-218	17488	406	7	
224- 340.4	DACITE -contact: top = gradational, bottom = 45°tca -hard, non-magnetic -224 → 271 → buff colour -271 - 340.4 → green colour - chloritized -strong fabric → 45°tca (schistose) -<2% irregular trending magnetite stringers -non-mineralized					
	-301.2'-308' - Sulphide Zone (iron formation) - 35% irregular oriented po/py po, py bands and stringers throughout siliceous biotite groundmass	301.2'-306 306'-308	17489 17490	303 212	NIL NIL	
340.4- 345'	QUARTZ FELDSPAR PORPHYRY -contact: top = 45°tca, bot = 45°tca -coarse grained qtz/feld phens in a grey aphanitic matrix					
345'- 783	ULTRAMAFIC VOLCANIC -contact: top = 45°tca, bot = 70°tca -fine grained, grey colour, soft -talc altered, slightly magnetic -10-15% irregular trending magnesite stringers -non-mineralized					

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-13 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
	-417.9' - 418.8' - Quartz Monzonite									
	-476.6 - 478.2' - Felsic Dyke - silicified									
	-481.8' - 483' - fault gouge, soft, chloritized									
	-494.2' - 510.2' - Qtz Mon / Felsic Dyke Intr. zone - Silicified, broken									
	-562.5' - 571.1 - Qtz Monzonite - 70°tca									
	-617' - 619 - Qtz Monzonite → irregular rafted particles									
	-622.5 - 627' - Qtz Monzonite → silicified, non-mineralized									
	-692.4 - 694.8' - Quartz Monzonite - 70°tca									
	-660' - 662' - broken core, soft ground - 70°tca									
	-682' - 684' - Felsic Dyke									
	-692.3' - 694.8' - Felsic Dyke/Qtz. Monzonite									
	-736.2' - 741.6' - Felsic Dyke - fault, broken core									
	-764' - 783' - Quartz Feldspar Porphyry - 65°tca									
783' - 885	KOMATIITE - Spinifex, Magnesite - contact: top: 70° tca, bottom = 50°tca - green grey colour, moderately magnetic - 20-25% irregular trending magnesite stringers - spinifex texture throughout - non-mineralized									
885' - 937.9'	DIABASE - contacts: top: 50°tca, bottom = 55° - fine grained, black colour - slightly to moderately magnetic - homogeneous appearance, unaltered - non-mineralized									
	-885' - 887.3' - Feldspar dyke at hangingwall contact									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-13

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Co				CODES OF ANALYSES
937.3'-	ULTRAMAFIC VOLCANIC RQD= 50%									
969.2'	- contacts: top = 55° tca, bottom = 20° tca									
	- fine grained, soft, grey green colour,									
	- talc/magnesite stringers									
	- non-magnetic, trace mineralization (py)									
	- 950' - 952.5' - RQD = 10% - broken core									
969.2'-	QUARTZ FELDSPAR PORPHYRY - RQD= 88%									
992	contacts: top = 20° tca, bottom = 50° tca									
	- med. to coarse grained q, fz/feldspar phenos in a grey groundmass, non-magnetic									
	- hard, non-mineralized									
992-	ULTRAMAFIC VOLCANIC - Tremolite RQD= 85%	992-996.6'	17491	344						
1001	- contacts: sa° tca	996'-1001	17492	496						
	- fine grained, tremolite xtals, soft,									
	- non-magnetic									
	- local Spinifex texture									
	- tra mineralization									
1001'-	DACITE RQD = 90%									
1035	- contacts: top = 50° tca, bottom = 40° tca									
	- fine grained, very hard, non-magnetic									
	- grey-buff colour,									
	- non-mineralized (see below), sporadic garnetiferous/chloritized									
	areas → Hangingwall Sulphide Zone	1027.4'-1029.8	17493	118						
	- 1029.8' - 1032.5 - 10-15% irregular tr. po, pn, cpy semi-massive	1029.8-1032.5	17494	3148	1910	1690			Ni 2.16% Cu 0.13% Co 0.126% @ 4'	
	stringers in a grey dacite groundmass									
	- thin irr. tr. chl stringers (5-10%)									
		1032.5'-1035	17495	1210	44	34				
1035'-	ULTRAMAFIC VOLCANIC RQD ~ 98%	1035'-1040	17496	2920						
1069.9'	- contacts: top = 40° tca, bottom = 45° tca	1040'-1045	17497	0.65%						
	- fine grained, hard, v. slightly magnetic	1045-1050	17498	0.28%						
	- black colour, 10% irr. tr. carb stringers									
	- 2-5% irr. tr. po, pn, cpy stringers, patches & blebs throughout									
	unit → generally increasing in intensity at bottom contact.									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-13

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni	Cu ppm	Co ppm				CODES OF ANALYSES
	-1050-1058.5- 5% po, pn, cpy blebs, stringers (an with early stringers)	1050-1053	17499	0.5%						
	- appears (blebs) to be of primary nature	1053-1056	17500	0.19%						
		1056-1058.5	17401	0.7%						
		1058.5-1061	17402	0.46%						
		1061-1064.2	17403	0.44%						
	-1064.2'-1068.5' "B" SULPHIDE ZONE									
	- 1064.2'-1065.7' - 10-15% blebs, patches, discontinuous stringers of po, pn, cpy in a chlorite altered dark rich groundmass	1064.2-1065.7'	17404	2.96%	714	424			Ni 4.56% Cu 0.18% Co 0.08% @ 43'	
	- 1065.7'-1068.5' - 35% discontinuous irregular semi-massive strgs of po, pn, cpy, py in a dark calc./chlorite rich groundmass	1065.7-1068.5	17405	5.42%	0.23%	1020				
	- from 1068-1068.5 - massive po, pn, cpy vein at footwall contact									
	-1068.5'-1069.7' - Quartz Feldspar Porphyry - silicified	1068.5'-1069.8	17406	0.24%						
	- 50° tca phenocryst orientation									
1069.8-1276'	DACITE	1069.8-1071	17407	0.06%						
	contacts: top = 45° tca									
	- fine grained, gray buff colour									
	- non-magnetic									
	- fragmented appearance									
	- fabric → 40-50° tca									
	- localized chlorite/quartz/feldspar sections (1097'-1101, 1110'-1112')									
	1136.3'-1171.2' - Gabbro - fg. to mg, non-mag - contacts at 65° tca									
	1190'-1206.6' - " - non-mineralized									
	EOH at 1276' Ken Rogers									

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft – DIP
0' = 60°
500' = 58°
1000' = 56°

HOLE NUMBER BH94-14
GRID REFERENCE 11300E/10610N (not surveyed)
ELEVATION
AZIMUTH - 030° (mine grid north)
DIP ANGLE - 60° N
LENGTH 1361

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorada
CLAIM

PRELIMINARY

DRILLING COMPANY Nighthawk FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: Redstone Mines site LOGGED BY Ken Lapierre DATES: Dec 4/94 TO Dec 9/94

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm						CODES OF ANALYSES
0-30'	Drill Casing (casing left in hole)									
30'-116	Gabbro - undeterminable contacts - equigranular texture, hard - slightly magnetic, trace epidote alteration - grey green colour - non-mineralized									
116'-183.7	ULTRAMAFIC VOLCANIC Peridotite RQD = 100% - (fine grained gabbro?) - contacts: top: ind. bottom: 45° tca - homogeneous texture, hard, very magnetic - 2-5% magnetite/pyrrhotite stringers throughout	161-166	17104	1100						
183.7 - 239.4	Peridotite contacts: top = 45° tca, bottom = 90° tca - fine grained, very hard - black/dk green colour - moderately magnetic - asbestos fibre stringers → up to ½" fibres → localized - 215.7' - 218.5 - Volcanic dacite unit (possible f.g. q.f.p.) - 220' - 221' - 8-10 ½" to 1" sub/tca asbestos fibre stringers - 221' - 239.4' - local concentrations of py, po ± cp blebs & stringers (ass. with carb. veins/veinlets/stringers) → 5%	222' - 225' 225' - 228' 228' - 231'	17105 17106 17107	1160 1070 1100						

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-14

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb					CODES OF ANALYSES
239.4'-	QUARTZ FELDSPAR PORPHYRY									
293.6'	-contacts: top = 90°tca, bot = 35°tca									
	-medium grained feldspar/qtz phenos in a grey aphanitic matrix									
	-intrusive phases from feldspar → qtz → alkali feldspar									
	from top to bottom of intrusive									
	-hard, non-magnetic, non-mineralized									
	269-273' - ultramafic volcanic xenolith → talcose texture									
293.6'-	PERIDOTITE									
404.7	-contacts: top = 35°tca, bot = 45°tca									
	-fine grained, black colour									
	-moderately magnetic									
	-homogeneous, unaltered appearance									
	-local < 5% hairline carbonate stringers									
	-non-mineralized									
404.7-	BANDED IRON FORMATION									
430.3'	-contacts: 45°tca									
	-contorted irregular bands of py, po (magnetic & non-magnetic)									
	in an unaltered to oxidized silica "mix"									
	-top half of sediment is sulphide rich									
	-bot " " " " silica rich									
	-404.7'-410' - sulphide rich section → 25% bands of py, po	404.7-410	17108	100	3					
	-410.3'-417.6' - intermediate volcanic xenolith?									
	-417-422 - py rich section → 70% sulphides	418-422	17109	200	2.1					
430.3'-	INTERMEDIATE/DACITIC VOLCANIC									
459.5	-contacts: top = 45°tca, bot = 65°tca									
	-fine grained, foliated appearance - 50-60°tca									
	-buff (sericite?) colour top contact area									
	-hard, non-magnetic									
	-non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BRP4-14

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
459.5'-	ULTRAMAFIC VOLCANIC.				
547.2'	- contacts: top = 65° to ca, bot =				
	- fine grained appearance				
	- blackish grey to grey colour				
	- slightly to moderately magnetic				
	- 10-20% irregular trending carb (magnesite) stringers				
	- trace mineralization → Pyrite patches, broken core				
	- 459.5' - 476' - abundant carb. stringers				
	- 466.5 - 466.7' - irregular trending, contorted carb stringers	466-467	11115	706	
		INTERMEDIATE VOL.			
547.2'-	QUARTZ MONZONITE / ULTRAMAFIC (INTERCALATION) ZONE				
658.5'	- contacts: top = 75° to ca, bot = 95° to ca				
	- random sequences of units				
	- Q.M. → hard, equigranular, non-magnetic, silicified, non-mineralized → trace pyrite at qtz. contacts				
	- U.M. → soft, fine grained, talcose, tr. py.				
	- local aug → intermediate volcanic appearance.				
	- 547.7 - 567.8 - Qtz. Monz.				
	- 567.8 - 573. - Int. Vol. - fine grained				
	- 573. - 593.8' - Ultramafic Volcanic				
	- 593.8' - 598.2' - Qtz. Monz.				
	- 598.2' - 607.6' - int. volc → remains altered				
	- 607.6' - 611.7' - Qtz. Monz. → silicified				
	- 611.7' - 617' - Int. Vol.				
	- 617' - 628' - Qtz Monz.				
	- 628' - 642' - Int / Ultramafic Volcanic, - fuchsite alteration at 641.6'-642'				
	- 642' - 649' - Qtz. Monz. - silicified				
	- 649' - 656.8' - Ultramafic Vol.				
	- 656.8' - 658.5' - Qtz. Monz. - Silicified				
658.5'-	ULTRAMAFIC VOLCANIC				
819'	contacts: top = 85° to ca, bot = 85° to ca				
	- fine grained appearance				
	- greyish green color, slightly to moderately magnetic				
	- 25-30% irregular trending, contorted carb. stringers (proximal to top contact				
	- non-mineralized				

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-14

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Co ppm				CODES OF ANALYSES
	-702.7'-703.6' - Quartz Monz.									
	-704-704.5' - Qtz Monz. → Brecciated?									
	-791'-819' → strongly magnetic - fine grained									
819-847.2	DIABASE									
	- contacts: top = 45° to ca bottom = 40° to ca									
	- fine grained to medium grained									
	- black, slightly magnetic, non-mineralized									
847.2'	QUARTZ MONZONITE									
860.7'	- contacts = 40-45° to ca									
	- aphanitic texture, non-magnetic									
	- grey colour									
	- non-mineralized									
860.7'	ULTRAMAFIC VOLCANIC - Spinifex									
1036.5'	- contact: top 45° to ca, bottom = undet.									
	- fine grained									
	- spinifex texture throughout									
	- talcose									
	- 20% fine magnetite stringers									
	- non-mineralized to trace py disseminated									
	-946.7'-957.5' - Quartz Monzonite - 40° to ca									
	-991.3'-991.5' - broken core - serpentinite									
	-991.5'-1040' - RQD = 95%									
	-1026-1036.5' - Talc rich area RQD = 95% *	1026-1031	17117	1480						
	- soft → breaks easily	1031-1035	17112	1450						
		1035-1036	17113	1340						
	1036-1036.5' - "B" SULPHIDE ZONE - narrow discontinuous stringers (≈ 20% of zone) of py, cpy in a soft talc/serpentine rich groundmass	1036-1036.5'	17114	2.49%	374	316			"B" Zone	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-14 PAGE 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Wc ppm						CODES OF ANALYSES
1036.5'-	DACITE	1036.5-1037.5	17115	0.75%						
1179.6'	- contacts: undeterminable									
	- fine grained aphanitic appearance. at times fragmental in appearance									
	- non-magnetic									
	- non-mineralized									
	- slight local fabric → 45-60 tca.									
1179.6'-	Intermediate Volcanic									
1221.8	- contacts: subparallel - 45 tca									
	- fine grained appearance									
	- grey green colour									
	- non-magnetic, non-mineralized									
1221.8'-	DACITE - Fragmented.									
1361'	- contacts: top = 45° // tca									
	- fine grained									
	- buff to grey green colour									
	- locally fragmented appearance									
	- non-magnetic									
	- non-mineralized									
	1271.3' - 1302.3 - Quartz Monzonite - bot cont = 30° tca									
	EOH at 1361 Ken Lapierre Dec 10/94									

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft – DIP
0' = 50°
500' = 50°
1000 = 50°

HOLE NUMBER BH94-15
GRID REFERENCE 10601N / 11000E
ELEVATION
AZIMUTH - 030° Grid
DIP ANGLE - 50°N
LENGTH 1,148'

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

PRELIMINARY

DRILLING COMPANY Dominique FOREMAN Ed Ludwig

CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY Ken Lapierre DATES: Dec 6/94 TO Dec 10/94

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au					CODES OF ANALYSES
0-50'	Drill Casing (Casing left in hole)									
50'-56'	-broken core → iron formation									
56-59.1	-DIABASE contacts: bot = 80° tca -fine grained, black colour, slightly magnetic -non-mineralized									
59.1-77.4	IRON FORMATION -contacts: top = 40° tca, bot = 50° tca -contorted irregular bands of po, py in a siliceous groundmass → py rich → grading to po rich -py/chlorite rich top contacts	59.1-61.3 69-71	17408 17409	628 172						
77.4-103.2	INTERMEDIATE/FELSIC (dacite) VOLCANIC -contacts: 50-60° tca -fine grained appearance, talc rich top contact -non-magnetic, non-mineralized -82.4'-83.4' - Quartz Feldspar Porphyry -84.6'-92.7' - Quartz Feldspar Porphyry - 55° tca -100.5'-103.2' Sericite rich area → proximal to lower diabase									
103.2'-119.4	-DIABASE contacts: top = 60° tca, bot = 45° tca -fine grained, black, slightly magnetic, non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG — PROPERTY: Radotone — HOLE NUMBER: BH94-15 — PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm						CODES OF ANALYSES
119.4-230'	DACITE									
	contacts: top = 45°tca, bot = undet.									
	- fine grained, altered appearance → carbonate, serecite (local)									
	- foliation/foliation → 45-50°tca									
	- non magnetic									
	- non-mineralized									
	-129.8'-133.7' - Iron formation - Sulphide rich → po, silica groundmass									
	-157.5-160' - po, py rich area in fracture planes	157.5-159.5	17410	1040						
	-166-170 - sericite altered section									
	-189.3'-193.5' - Quartz Monz. - 50°tca									
230'-600	ULTRAMAFIC VOLCANIC									
	- contacts: top = undet, bot =									
	- fine grained, black to greyish black colour, slightly magnetic									
	- 15% irr. tr. magnesite stringers									
	- moderately hard									
	- trace py mineralization									
	- 351'-435' - QFP/QM/INT VOL/UM INTERCALATION ZONE									
	- 260'-269.5' - Quartz Feldspar Porphyry - top: 30°tca, bot = 45°tca - crenulation folds qt and px. to top cont.									
	-351'-379.2' - Quartz Monzonite - 80°tca, silicified, non-mag. - non-mineralized									
	-383'-384.4' - Quartz Monzonite									
	-384.4'-396' - contorted w. tr. carbonate, soft									
	-406-406.6' - Quartz Monz.									
	-406.6'-418.2' - Intermediate Volcanic - hard, fine grained									
	-408'-408.5' - Qtz. Monz.									
	-418.2'-418.7 - Qtz. Monz.									
	-421.6'-431.5' - Qtz. Monz. - 80°tca									
	-433.3'-434' - Qtz. Monz.									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-15 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
	-445-446' - soft gouge, fault zone, chloritized - 80°tca			
	-449'-449.2 - fault gouge, carbonate stringers along edges			
	-463.6'-467.2' - Quartz Monzonite - 75°tca			
	-485.7'-488.5' Int Vol / Qtz Monz Interc. Zone			
	-517.5'-521.8' - Quartz Monzonite - f.g.? - alkali feldspar rich section			
	-536' -588 - Alkali rich Qtz Monzonite Contact within contorted talcose rich um.			
600'-639.3	QUARTZ MONZONITE -contacts: 55°tca -equigranular texture -grey colour, non-magnetic, non-mineralized			
	-625.3'-629.5' - ultramafic volcanic xenolith			
639.3' 752.5	ULTRAMAFIC VOLCANIC -contacts: 55°tca -fine grained, greyish black colour -slightly magnetic -15-20% irr. fr. contorted carbonate stringers throughout -non-mineralized			
	-701.6'-726' - Quartz monzonite - fine grained, non-magnetic, sericite altered bottom contact -709-719 - Ultramafic xenolith			
752.5'- 830.9	DIABASE -contacts: 55°tca -f.g. to m.g. ; equigranular texture -black colour -moderately magnetic -mineralized -813.8'-816.9' - ultramafic xenolith slightly magnetic -820'-825' - ultramafic xenoliths			

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-15 PAGE 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm(%)	Cu ppm	Co ppm	CODES OF ANALYSES
830.9'	ULTRAMAFIC VOLCANIC						
847.1'	-contacts: 55°tca						
	-fine grained altered appearance - sericite/talc						
	-slightly magnetic						
	-non-mineralized						
	-843.2'-845.5' - Quartz Feldspar Porphyry → Sub// tca → 30°tca						
847.1'-	QUARTZ FELDSPAR PORPHYRY RQD = 99%						
879.5'	-contacts: top = 55°tca, bot = 85°tca						
	-medium grained qtz/feld phenos in a grey colour aphanitic groundmass						
	-hard, non-magnetic						
	-non-mineralized						
879.5'	DACITE RQD = 100%						
915.7'	contacts: top = 35°tca, bot = undet.						
	-fine grained, buff → grey to grey black colour						
	-hard, non-magnetic						
		911-913	17411	86			
	-913'-916.5'- SULPHIDE ZONE (hanging wall)						
	-913-914.6'- 2% discontinuous stringers of PO, PO±CPy in aphanitic dacite groundmass	913-914.6	17412	0.58%	398	134	
	-914.6'-915.8'- 10-15% discontinuous to continuous semi-massive veins/stringers of PO, PO, CPy in a dacite groundmass - zonation of sulphides appears to be from PO → to PO with depth	914.6-915.8	17413	9.93%	2900	814	
	-915.8'-916.5'- trace-1% bleb, dis-continuous stringers of PO, ±Po in a chlorite rich ultramafic groundmass	915.8-916.5	17414	0.99%	412	156	
		916.5'-918.1	17415	0.09%			
915.7'	ULTRAMAFIC VOLCANIC	918.1-921.4	17416	2000			
966.2	-contacts: top = undet, bot = 75°tca	921.4-922.5	17417	1600			
	-fine grained, greyish black colour, slightly magnetic						
	-local spinifex texture						
	-local areas of mineralization (see below)						

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG   PROPERTY: Redstone   HOLE NUMBER: BH94-15

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Co ppm	CODES OF ANALYSES
	- 922.5 - 924.2' - 2-3% pn, po mineralization	922.5-924.2	17418	4280	152		
		924.2-926	17419	1290			
		926-931	17420	1600			
		931-936	17421	1690			
		936-941	17422	1260			
		941-946	17423	1450			
		946-951	17424	1800			
		951-956	17425	1100			
	960' - 966.4' - tremolite rich section	956-961	17426	1780			
		961-964.5	17427	1880			
	964.5' - 969.2 - "R" SULPHIDE ZONE						
	- 964.5' - 966.5 - tremolite rich - trace pn, py in carb rich stringers	964.5-966.5	17428	1.98%	136	114	
	- 966.5' - 968.5 - 5-8% blebs, stringers of pn±cpy±po in a chlorite rich (locally dacitic) [illegible]	966.5-968.5	17429	3.91%	206	236	
	- 968.5' - 969.2' - 70% discontinuous stringers of pn cpy ±py ±po in a chlorite rich [illegible] at bottom um/vd contact - carb/silica altered stringers ass. with mineralization	968.5-969.2	17430	7.34%	1200	470	
969.2' - 1148'	DACITE contacts: top=75°tca, Bot=und. - fine grained, hard, grey to buff grey colour - non-magnetic - non-mineralized	969.2-971	17431	338			
	- 1063.8' - 1072.7' - Quartz Feldspar Porphyry - 80°tca						
	- 1115.2' - 1120.2' - Feldspar Porphyry - 80°tca						
	EOH [illegible signature] drill casing in hole Dec 11/94						

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft - DIP
0 = 60°
500 = 58°
1000 = 56°

HOLE NUMBER BH94-16
GRID REFERENCE
ELEVATION 11100E/10700N (mine grid)
AZIMUTH 030° (mine grid north)
DIP ANGLE -60°
LENGTH 1066'

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

PRELIMINARY

DRILLING COMPANY NightHawk FOREMAN
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY Ken Lapierre DATES: Dec 9/94 TO Dec 16/94 PAGE 1 OF 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au					CODES OF ANALYSES
0-15'	Drill Casing (left in hole)									
15'-18'	· FELDSPAR PORPHYRY - contacts: bot = 45° tca - coarse grained feldspar phenos in a grey aphanitic matrix - very hard, non-magnetic - non-mineralized									
18'-222	IRON FORMATION 52.4' 56.4' - contacts - 45° tca - 30% irregular contorted band & discontinuous stringers of po, py in a greasy siliceous texture	18'-22.2	17116	180	NIL					
22.2'-236'	INTERMEDIATE/MAFIC VOLCANIC → possible ultramafic - contacts: 45° tca - fine grained - greyish green colour - moderately hard - slightly magnetic - local areas of spinifex texture - < 5% vn. ft. early stringers - trace mineralization									
	- 52.4' - 56.4' - Iron Formation - po bands in siliceous matrix	52.4-56.4	17117	119	3					
	- 134.5' - 145.2' - Bk. Marg. - top = 45° tca, bot = 60° tca									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-16 PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Au ppb	CODES OF ANALYSES
236- 777'	ULTRAMAFIC VOLCANIC - contact: top = 45°tca - fine grained, greyish black colour - hard, moderately magnetic - 10-20% irr. to contorted carbonate stringers - local talcose rich sections - top contact serpentine rich → contorted appearance - non → to mineralization				
	-407 - 407.6' - Mafic Dyke - 70°tca.				
	-413.5 - 414.2' - broken core, possible fault? - 45°tca.				
	-426.8' - 443.4 - Qtz. Monzonite - 45°tca -428.2' - 431 - ultramafic xenolith -443.4' - 469 - 20-25% vn. to contorted carb. stringers				
	-469' - 496.4' - Qtz Monz. / ultramafic intercalation zone - 15-20% irr trending veins/ patches / stringers of qtz. monzonite in a ultramafic host rock environment.				
	-515.6' - 516.3 - Qtz Monz - 70°tca -517.6' - 518.5' - Feldspar Porphyry - 70°tca. -552.1' - 555' - Mafic Dyke (diabase?) - magnetic, f.g. -606.8' - 608' - Qtz Monz. - und. cont.				
	-613 - 626' - Qtz. Monz → silicified → 2% f.g. dis. anhedral pyrite - undet. contacts	613-616	17118	25	
	-634 - 638' - Qtz. Monz. - 45°tca				
	-705' - 706' - serpentine rich alteration				
777' - 854.2'	DIABASE - contacts: 45°tca, fine to med. gr., equigranular texture, grayish black colour - slightly magnetic, unaltered appearance, non-mineralized				

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG

PROPERTY: Redstone HOLE NUMBER: BH94-16 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm(%)	Cu ppm	Co ppm			CODES OF ANALYSES
854.2-	QUARTZ FELDSPAR PORPHYRY RQD = 50%								
872'	- contacts: top: 45°tca, bot = 80°tca								
	- medium grained qtz/felds pheno's in a aphanitic grey matrix								
	- fresh unaltered appearance, non-mineralized								
	- chlorite/talc rich bot contact								
872'-	ULTRAMAFIC VOLCANIC - Peridotite?								
946.5'	- contacts: top = 80°tca, bot = 70°tca								
	- grey black color, fine grained, slightly to moderately magnetic								
	- local talc alteration								
	- 5-10% irr. tr. carb stringers → ass with serpentinite								
	- trace py mineralization								
	872' - 886 - RQD = 20% abundant ground core moderately hard								
	886' - 946.5' - RQD = 94%								
	- 892.8' - 895.9' - Intermediate Dyke? → possibly f.g. qtz. monz. or (qfp) dacite? - f.g. hard, grey, contacts → 85°tca → chlorite rich								
		938.2-940.2	17119	954					
	- 940.2' - 946.5' - "B" SULPHIDE ZONE								
	- 940.2' - 942.3' - tr. pn. blebs, 1-2% pn ass. with carb stringer -	940.2-942.3	17120	0.39%	740	64			
	- 942.3' - 944.4' - 3-5% pn, po ass @ irr. tr. carb stringers in talc rich um	942.3-944.4	17121	2.87%	754	531			
	- 944.1' - 944.2' - soft gouge - possible fault/slip								
	- 944.4' - 945.6' - 20% stringers of pn, cpy in soft talc rich u.m.	944.4-945.6'	17122	9.35%	1320	502			
	- 945.6' - 946.5' - 10% disseminations & local stringers of pn/cpy in a hard, non-magnetic mafic dyke?	945.6'-946.5	17123	6.40%	0.53%	340			
946.5-	DACITE	946.5-948.5	17124	402					
1066	- contacts: top = 70°tca								
	- fine grained, gray colour, very hard, non-magnetic								
	- local fragmented appearance								
	- non-mineralized								
	- 1034.5' - 1049.3' - Quartz/Feldspar Porphyry - 70°tca, abundant m.g. to c.g. qtz/feld pheno's in a grey aphanitic matrix								
	EOH at 1,066 Ken Lapierre Dec 18/94								

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

PRELIMINARY

ACID TESTS: at ft - DIP
0' = 63°
500' = 63°
1166 = 63°

HOLE NUMBER BH94-17
GRID REFERENCE 10615N / 10950E
ELEVATION
AZIMUTH 030° Compensated north
DIP ANGLE - 63°N
LENGTH 1,166'

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

DRILLING COMPANY Dominique FOREMAN Ed Rodwys
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY Hartopanni DATES: Dec 10/94 TO Dec 14/94 PAGE 1 OF 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb					CODES OF ANALYSES
0 - 52'	Drill Casing									
52' - 73.5'	ULTRAMAFIC VOLCANIC - contacts = undeterminable - fine grained, grey colour, foliated → 60° to ca - talcose texture, soft, carbonated, non-magnetic - broken core, RQD = 5% - non-mineralized → trace									
	- 53.8' - 55.4' - 1% Qtz Mon - 50° to ca, hard, - 71 - 71.4' - 40% discontinuous py stringers	71. - 73.5	17432	751	3					
73.5' - 84'	BANDED IRON FORMATION - contacts = undeterminable - 10 - 20% bands, contorted stringers of po, py sulphides in a siliceous groundmass = hard, magnetic	73.5' - 78.5 78.5 - 84	17433 17434	184 104	7 NIL					
84' - 95.8'	DIABASE contacts: top = undet, bot = 45° to ca - fine grained, black colour, moderately magnetic - non-mineralized									
95.8' - 107.4'	DACITE - contacts: top = 45° to ca, bot = 30° to ca - fine grained, hard, grey buff colour, fabric → 30° to ca - non-magnetic, non-mineralized									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-17

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
107.4'-	QUARTZ FELDSPAR PORPHYRY			
118.8'	-contact: 30°tca		•	
	- qtz/feldspar phenocrysts in a dark grey matrix			
	- hard, non magnetic			
	- non-mineralized			
118.8'-	DIABASE			
146	- contacts: 30-35°tca			
	- fine to medium grained, black colour, slightly magnetic			
	- fresh unaltered appearance, non-mineralized			
146'-149	QUARTZ FELDSPAR PORPHYRY			
	- contacts: top = 35°tca, bot = 65°tca			
	- qtz/feldspar pheno's in a dark grey matrix			
	- pheno's preferred orientation ⇒ 35°tca			
	- non-magnetic, non-mineralized			
149'- 172	ULTRAMAFIC VOLCANIC			
	- contact: 65°tca			
	- fine grained, soft to moderately hard toward top contact			
	- slightly magnetic, greyish black colour, 10% irr. tr. carb stringers			
	- non-mineralized			
	-167.2'- 170.5' - Diabase dyke, magnetic			
172'- 204.3	FELSIC DYKE/VOLCANIC			
	- contacts 65°tca; chloritized/carbonated contacts			
	- hard, non-magnetic, grey to buff grey colour, silicified			
	- talc/carbonate rich finer core			
	- non-mineralized			
204.3'-	INTERMEDIATE VOLCANIC			
266'	- contact: top = 65°tca, bot = 45°tca			
	- fine grained, grey to green colour, non-magnetic			
	- rock fabric/schistosity ⇒ 45°tca			
	- non-mineralized			

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redotono HOLE NUMBER: BH94-17

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER							CODES OF ANALYSES
	-222.8' - 227' - Qtz. Monz. - 60°tca									
246'-	ULTRAMAFIC VOLCANIC RQD = 60%									
764.5	-contact: top = 45°tca, bot =									
	-fine grained, grey black colour, slightly magnetic									
	-broken core throughout									
	- Schistosity/fabric to 296' feat → 30°tca									
	- 5→10% contorted carbonate stringers									
	-non to trace subhedral disseminated Pyrite									
	- 288' - 297.2' - Quartz Feldspar Porphyry									
	-293.6' - 296' - Um xenolith									
	-318.8' - 321 - broken core fragments → possible fault zone?									
	- 351.2' - 351.7' - Soft gouge → probable fault → undit contacts									
	-362.2' - 370.4' - Quartz Monzonite → 65°tca bot contact									
	-375.8' - 376.2 - Quartz Monzonite - 30°tca									
	-386.5' - 386 - Qtz. Monz. -30°tca									
	-388.7' - 391 - Qtz. Monz. - 45°tca									
	-395.8' - 396.7 - Qtz. Monz									
	-396.7' - 409' - RQD = 35%, broken core									
	-406 - 407' - Qtz. Monz.									
	-407.3' - 409' - Qtz. Monz.									
	-412.6' - 413' - fault zone - chloritized - 60°tca									
	-419.4' - 422 - Qtz. Monz. - Silicified top = 70°tca, bot = Undet.									
	-437.8' - 442.6' - Qtz Monz.									
	-453.5' - 454.3' - Qtz. Monz.									
	-460.5' - 461' - Soft Gouge - fault zone → 80°tca									
	-475' - 501.9' - Mafic Dyke → und. cont., magnetic									
	- Silicified, trace pyrite									
	-537' - 539' - Qtz. Monz., top = 100°tca, bot = 30°tca									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Radstone HOLE NUMBER: BH94-17

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
	-545.8' - 548.4' - Qtz. Mon - cont: top=70°tca, bot=45°tca			
	-550' - 572.6' - Qtz Monz / Felsic Dyke Zone - non-magnetic			
	-582.4' - 585.2' - Qtz. Monz.			
	-590.3' - 591' - Qtz. Monz			
	-595.4' - 600' - Qtz. Monz - 75°tca.			
	-610.3' - 619 - Felsic Dyke / Qtz Monz. - 75°tca			
	-637.8' - 642' - Qtz. Monz - 45°tca			
	-644.9' - 661.7' - Qtz. Monz. / Felsic Dyke.			
	-667 - 674.7' - Qtz. Monz			
	-687' - 717' - Qtz. Monzonite 45-55°tca			
	-734.4' - 764.5' - Mafic Dyke - non-magnetic			
764.5-833.7	KOMATIITE - Spinifex - contacts: top = 45°tca, bot = 45°tca - fine grained, soft, moderately magnetic - prominent spinifex texture throughout (classic case!) - 5-10% calc stringers - trace mineralization			
833.7'-908.5	DIABASE (gabbroic appearance?) - contacts: top = 45°tca, bot = 70°tca - medium grained, dark color, moderately magnetic - fresh unaltered appearance - non-mineralized			
908.5'-914'	ULTRAMAFIC VOLCANIC - contacts: top = 70°tca, bot = 45°tca - fine grained, carbonated, slightly magnetic - greyish black color, soft - 30% ill. tr. carbonate stringers → contorted - trace mineralization - 912.6 - 914.8' - Qtz. Monz			
	-			
	-			

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Rabbitone HOLE NUMBER: BH94-17

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
	946.2-948 - Mafic dyke - sericite alteration	946.2-946.2	17435	358	
	948-949 - talc alteration at bot contact	946.2-949	17436	433	
949-1166	DACITE RQD = 97%				
	- contacts: 45° to c.a				
	- fine grained, hard, grey colour,				
	- non-magnetic				
	- local areas → green colour → chlorite altered → still hard				
	- proximal to top contact → pulled fabric → 65° to c.a				
	- local tr → 1% Sulphides (see below)				
	949'-952.2' - tr-2% po along fabric planes in dacite	949-952.2	17437	84	
		952.2-953.2	17438	80	
	-956-965.5' - chloritized, garnetiferous dacite - tr-1% po in fabric planes	956-969	17439	66	
		969-974	17440	56	
		974-975.5	17441	64	
	- 989'-990.2' - tremolite rich section - 1% pn blebs, soft				
	- 990.2'-1001.8' - Quartz Feldspar Porphyry - coarse grained - [illegible]	989'-990	17442	1110	
	C.O.B. 1,166 Ken Lapierre Dec 15/94				

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG

OTHER INFO:

ACID TESTS: at ft – DIP
0 = 55°
500' = 56°
1000' = 56

PRELIMINARY

HOLE NUMBER BH94-18
GRID REFERENCE 10615N/10900E
ELEVATION
AZIMUTH 030°
DIP ANGLE -55°N
LENGTH 1,026'

PROPERTY Redstone - Blackhawk Mining
TOWNSHIP Eldorado
CLAIM
DRILLING COMPANY Dominique FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY Ken Lapierre DATES: Dec 15/94 TO Dec 18/94

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb					CODES OF ANALYSES
0-55'	drill casing (casing left in hole)									
55-68.2	ULTRAMAFIC VOLCANIC RQD = 17%									
	- contacts = undet.									
	- fine grained, grey colour, non-magnetic, soft, carbonated									
	- talc alteration, trace pyrite mineralization									
68.2'-88.2'	DIABASE									
	- contacts: bot = 60°tca									
	- medium grained, black colour, moderately magnetic,									
	- non-mineralized									
88.2'-204.3'	DACITE / INTERMEDIATE VOLCANIC									
	- contacts: top = 60°tca, bot: undet.									
	- fine grained, buff grey colour, non-magnetic, hard, cherty appearance, (localized)									
	- non-mineralized, fragmented appearance, felsic → 40°tca									
	- 106'-109.8' - SULPHIDE ZONE - py, po → irr. bands/stringers (60%)	106-109.8	17443	1586	Nil					
	- 116.6'-119.5' - SULPHIDE ZONE - py, po → 50% irr. tr. stringers in a hard siliceous matrix	116.6'-119.5	17444	988	9					
	- 143.8'-151.9' - Diabase - 30°tca (top), 45°tca (bot)									
	- 198-204.3' - hard, med grained, contact area to lower unit									
204.3' 497.6'	ULTRAMAFIC VOLCANIC									
	- contacts: top = undet. bot =									
	- fine grained, grey black colour, slightly magnetic, moderately hard,									
	- <5% irr.-tr. carb stringers, trace pyrite mineralization									

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-L8

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
	-243 - 246' - Quartz Feldspar Porphyry - top = 40° tca, bot = 70° tca			
	322.2' - 322.7' - soft gouge, fault zone -75° tca.			
	- 338.8' - 339' - Quartz Monzonite			
	- 339.3 - 339.5' Quartz Monzonite			
	- 341' - 342.3 - " " -70° tca			
	- 343.3' - 344.6' - " " - 45° tca - k-spar rich			
	- 347.2' - 347.4' - " " - 65° tca " "			
	- 349' - 349.2 " "			
	- 349.8 - 350.3' " " - 60° tca			
	- 361.4' - 362.9' " " - top = 70° tca, bot = recover - k spar rich			
	- 377.4 - 377.9' - broken core, soft gouge, fault = 85° tca			
	- 379.8' - 380.4' Qtz. Monz. - 90° tca (top), (bot) = undet.			
	- 398.7' - 392.2' - Qtz. Monz. - 85° tca			
	- 403' - 406' - Qtz. Monz - 80° tca - k-spar (minor)			
	- 408.6' - 409' - soft gouge (2 pieces) -70° tca			
	- 409.8' - 411' - Qtz. Monz. - k-spar rich			
	- 413.6 - 413.9' - Qtz. Monz. - " " " , silicified			
	- 421.8 - 427.5' - 50% Qtz. Monz. veins - 70° tca.			
	- 438' - 438.3 - 4 kali rich Qtz. Monz. = 90° tca			
	- 439' - 439.8 - Qtz. Monz. - 80° tca - k-spar rich			
	- 441.6 - 446' - 60% k-spar rich Qtz. Monz. veins = 70° tca			
	- 462' - 464' - 80% Qtz. Monz. veining, silicified, non-mineralized			
	- 466.4' - 466.8' - Qtz. Monz. - 90° tca - K-spar-rich			
	- 467.2' - 467.4' - Qtz. Monz. - 75° tca, k-spar rich			
	- 483.9' - 490' - Qtz. Monz / Feldspar Porphyry - f.g. hard, k-spar rich			

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-18

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
497.6'-	QUARTZ MONZONITE				
551.3	-contacts: top=60°tca, bot=45°tca				
	-equigranular texture, non-magnetic				
	-overall grey colour, very hard, local areas of K-spar (bottom ½ of intrusive)				
	-non-mineralized				
	-508.5'-509.7' - ult. volcanic xenolith -75°tca				
	-516.7'-518.4' - " " " - "				
	-519'-520.5 - ultramafic xenolith - 90°tca				
	-522.9'-525' - ultramafic xenolith - "				
	-526'-534.9 - U.M./qtz.monz. intercalation zone, broken core				
	-541.7'-548.7 - Ult. Vol/U.M.				
551.3-	ULTRAMAFIC VOLCANIC - Spinifex?				
599.7	-contacts: top=45°tca, bot=70°tca				
	-fine grained, buff grey to green/black colour, moderately hard.				
	-very slightly magnetic				
	-10-20% irr. ft. carb stringers				
	-trace ?non-mineralized				
	-587.5'-589' - 5% py, ±po - disseminated & within carb stringers	587.5-589	17445	392	
599.7'-	QUARTZ MONZODIORITE/FELSIC INTRUSION? RQD=50%				
657.6	-contacts: top=70°tca, bot=70°tca				
	-fine grained/aphanitic/equigranular intrusion				
	-multiple phases?				
	-hard, grey colour, non-magnetic				
	-non-mineralized (except at bot contact)				
	-657.4-657.6' - qtz/carb stringers → 10% pyrite patches	657-657.6	17446	590	
657.6'-	ULTRAMAFIC VOLCANIC				
669'	-contacts: top=70°tca, bot=85°tca				
	-fine grained, grey colour, non-magnetic, soft,				
	-35-40% carb alteration → grains and stringers				
	-trace pyrite mineralization				

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-18

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
669'-691'	INTERMEDIATE VOLCANIC (Mafic Dyke) - contacts: top=85°tca, bot=70°tca - fine grained, black green colour, non-magnetic, - fresh unaltered appearance, hard - non-mineralized				
691'-749.7	ULTRAMAFIC VOLCANIC - contacts: top=70°tca, bot=50°tca - fine grained, grey colour, slightly magnetic, soft - abundant talc alteration - carb grains and irr. fr. carb. stringers throughout - local spinifex texture - tr-1% py blebs ⇒ disseminated. -696'-705' - Quartz Monz. -40°tca				
749.7'-816'	DIABASE - contacts: top=50°tca, bot=undet - fine to med. grained appearance, black colour, magnetic, - unaltered appearance - non-mineralized -800.5'-807' - fine grained, very hard, non-magnetic dacitic appearance				
816'-849.3'	ULTRAMAFIC VOLCANIC - Contacts: top=undet, bot=gradational? - fine grained, strongly carbonated, talcose, abundant carbonate stringers ⇒ 45°tca, patt, non-mineralized -830'-831.5' - Diabase -60°tca -833.3'-837.5'- Qtz. Monz. -30°tca				
849.3'-951'	DACITE RQD=98% contacts: top/bot=undet - fine grained, grey colour, very hard, non-magnetic, fresh unaltered appearance, local chloritized/garnetiferous areas	856'-857 864.5'-867.5 880.5'-881.6	17447 17448 17449	106 50 72	

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG — PROPERTY: Redstone — HOLE NUMBER: BH94-18 — PAGE 5

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni %	Cu ppm	Co ppm				CODES OF ANALYSES
951-	ULTRAMAFIC/DACITE INTERCALATION ZONE RQD=95% Hangingwall 3pm	951-956	17350	0.52		→	1%	pn stringers/blebs in chl.		grandma
971.6'	-contacts: top=undet. bot=undet.	956-961	17351	1.15		→	1.5%	pn stringers/blebs in chl.		grandma
	-fine grained, moderately hard, chloritized schistose section (30+cg)	961-963.3	17352	0.02		→	1%	pn patches/blebs in		dacite grandma
	-local spinifex	963.3-966	17353	0.89	794	→	3%	pn, cpy in mafic		matrix
	-dacite units grey → hard non-magnetic of pn, py	966-968.2	17354	0.03	154	→	tr	sulphides	dacite	grandmas
	-mineralization → 1→5% disseminations/blebs/patches throughout									
	-968.2-972.3 "R" SULPHIDE ZONE									
	968.2-969.2 - 2% pn, py, po in dacite grandmas	968.2-969.2	17355	0.305	316	512				
	969.2-971.6' - 10% pn, cpy, po, py in a dacitic to ultramafic grandmas → stringent patches (0.2%) - massive pn, cpy, po vein at bottom contact	969.2-971.6	17356	4.31	2180	954				
	971.6'-972.3 - 3-5% disseminations/stringers of pn in a dacite grandmas	971.6-972.3	17357	3.36	994	270				
971.6'	DACITE	972.3-973.3	17358	0.05						
1076'	contacts: undefin.									
	fine grained, grey to grey green colour, very hard, non-magnetic									
	-local areas of chloritized, garnetiferous material, non-mineralized									
	EOH at 1,076' Van Lapierre Dec 20/94									

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft - DIP
0' : 57°
500 : 57°
1000 : 55°

HOLE NUMBER BH94-19
GRID REFERENCE 10565N/11250E
ELEVATION
AZIMUTH 030
DIP ANGLE -57°
LENGTH 1,216'

DIAMOND DRILL LOG

PROPERTY Redstone
TOWNSHIP Eldorado
CLAIM

PRELIMINARY

DRILLING COMPANY Nighthawk FOREMAN Ed Ludowy
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY KenLapierre DATES: Dec 16/94 TO Dec 20/94 PAGE 1 OF 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm						CODES OF ANALYSES
0-15'	drill casing									
15'-92'	GABBRO -contacts: undeterminable -medium grained appearance, greyish green colour, -slightly magnetic -fresh unaltered appearance -non-mineralized									
92'-136.5'	INTERMEDIATE VOLCANIC -contacts: undeterminable -fine grained, greyish green colour, hard, non-magnetic (except proximal to bottom contact) -altered appearance proximal to top contact → hard, dacitic, K-spar. -non-mineralized									
136.5'-271.4'	PERIDOTITE -contacts: top=undet. bot=45°tca -fine grained, black colour, strongly magnetic, hard -tr-5% pyroxenes > 40° tca -182.5'-183.5' - 6-¼" thick asbestos fibres veins - 70°tca -194'-195.2' - 1" wide serpentinite vein, 2-½ to ¾" asbestos veins - 45°tca -199-201' - soft, talc rich alteration -201'-205' - Quartz Feldspar Porphyry - 65°tca -207.9'-208.8' 5-7% py, ± Pn blebs/patches in vn. -208.8'-220' - tr-2% po mineralization	166-171 2079-2088	17125 17126	1440 2580						

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-19

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Au ppb	CODES OF ANALYSES
	-224.7'-225' - soft fault gouge - 85°tca					
	-225-229 - RQD = 50%					
271.4'-	QUARTZ FELDSPAR PORPHYRY					
299.8	-contacts: top=45°tca bot=45°tca					
	-medium grained qtz, feldspar phenocrysts in a aphanitic grey matrix, very hard, non-magnetic, non-mineralized					
	-282'-284.4' - ultramafic xenolith, talc rich, very soft					
299.8'	Peridotite (Ultramafic)					
392.8'	-contacts: top=45°tca					
	-fine grained, black colour, magnetic, very hard,					
	-1% tr. qtz/carb stringers (10-15%)					
	-non-mineralized					
392.8'	BANDED IRON FORMATION	392.8-396	17127	68	43	
407.5'	-contacts = 45°tca veins ? non-magnetic variety?	396-401	17128	714	10	
	-massive, semi-massive stringers of po, py within a siliceous groundmass → sulphide content = 30%	401-406	17129	430	24	
		406-407.5	17130	46	10	
407.5'-	INTERMEDIATE VOLCANIC					
458.7'	-contacts: top/bot = 45°tca					
	-fine grained, grey-green colour - strongly schistose → 45°tca					
	-chlorite alteration prevalent → ass. @ foliation planes					
	-non-magnetic, non-mineralized					
	-407.5-408.6' - felsic dyke - 60°tca, grey colour					
	-412.7'-413' - felsic dyke - 45°tca, " "					
	-416'-417.4' - felsic dyke - 60°tca, " "					
458.7'	ULTRAMAFIC VOLCANIC					
779'	-contacts: top=45°tca, bot = 60°tca					
	-fine grained, grey colour magnetic → slightly					
	-25% tr. tr., at times contorted, carbonate stringers					
	-trace pyrite locally					

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-19

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni	Au ppb	CODES OF ANALYSES
	-461'-463' - soft gouge - fault zone					
	-533.7'-535.9' - Quartz Feldspar Porphyry - top=45°tca, bot=75°tca					
	-538'-540.8' - QFP/Qtz Monz. - 35°tca - top, bot=75°tca					
	-553.1'-553.6' - chloritized fault zone - 60°tca					
	-555.5'-556' - chloritized fault zone - 80°tca					
	-575.3'-576.5 - fine grained mafic dyke, hard, non-magnetic, chloritized					
	-607.8'-766.5 - Intersection Zone (Dyke/Qtz Monz.)					
	-607.8'-608.6' - Qtz. Monz. - 85°tca					
	-610.8'-612.7' - Qtz. Monz. - 45°tca					
	-613.4'-614' - Qtz. Monz. - silicified					
	-614.6'-615.3' - Qtz. Monz. - 50°tca					
	-617.1'-617.7' - Qtz. Monz. - 45°tca					
	-619.4'-619.6' - Qtz. Monz. - silicified					
	-624.8'-625.8' - Qtz. Monz. - silicified					
	-637.6'-646' - Felsic Dyke - silicified - 70°tca, 30% qtz veining	637.6-641.3	17131		27	
	- 2% pyrite patches throughout veining along	641.3'-644.3	17132		281	
	qtz/felsic dyke contacts	644.3'-646	17133		14	
	-679.4'-679.8' - Qtz. Monz. - 65°tca					
	-702'-706' - spinifex texture present					
	-712.7'-715' - Qtz. Monzonite - k-spar. present					
	-729.9'-732.4' - Qtz. Monzonite - 70°tca, brecciated appearance					
	-749.7'-756.5' - Felsic Dyke - 80°tca, v. hard, non-magnetic					
779'-1021'	PERIDOTITE - contacts: top = 60°tca, bot = 50°tca - fine grained, black colour, moderately magnetic, 5-10% ccs. tr. carb. stringers - local spinifex texture, hard, non-mineralized					

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-19

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm	Co ppm	CODES OF ANALYSES
	-822.7' - 829.2' - Qtz. Monz. / Feldspar Porphyry						
	-829.2' - 842' - Diabase - bot. cont. = 85° tca						
	-850' - 860' - spinifex texture present						
	-856.9' - 857.3' - diabase dyke						
	-940.6' - 941.6' - diabase dyke - 55° tca						
	-993.4' - 995.6' - highly micaceous section - 50° tca						
	-996' - 1002.2' - RQD = 10% - broken core - 996.6' - 997' - soft fault gouge - possibly - 80° tca? - 1002 - 1002.2' - soft gouge - fault zone						
1021' - 1046.1	QUARTZ FELDSPAR PORPHYRY RQD = 95% - contacts: top = 50° tca, bot = 70° tca - medium grained qtz / feldspar phenos within a grey matrix - aphanitic - non-magnetic, non-mineralized						
1046.1' - 1,216'	DACITE RQD = 98% - contacts: TOP = 70° tca - fine grained, grey buff colour, very hard, non-magnetic - non-mineralized (except below) - local chloritized / garnetiferous areas						
	1046.2' - 1047.6 - very soft, serpentinite rich (caving material!)	1046.2' - 1047.6	17134	%16			
	-1047.6 - 1051.9' - "B" SULPHIDE ZONE - 1047.6' - 1049.2' - tr - 1% py mineralization within hard dacite gouge	1047.6' - 1049.2	17135	0.73%	43	70	
	- 1049.2' - 1050.9' - 2-5% blebs / stringers of py in a soft gouge / hard dacite gouge	1049.2 - 1050.8	17136	2.09%	245	164	
	- 1050.8' - 1051.2' - trace py mineralization → dacite gouge	1050.8 - 1051.9	17137	0.61	55	92	
	- 1051.2' - 1051.9 - 2% py blebs / stringers in chlorite rich gouge	1051.9 - 1053	17138	216	204	35	
	EOH at 1,216' - Dec 20/94 Ken Lapierre						

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft - DIP
0' = 64°
500' = 64°
1000' = 62°

10625N
10890E

HOLE NUMBER DH94-20
GRID REFERENCE 10614N/10900E
ELEVATION
AZIMUTH - 30° (magnetic north)
DIP ANGLE - 64
LENGTH 1,096

DIAMOND DRILL LOG

PROPERTY Redstone - BLACKHAWK MINING
TOWNSHIP Eldorado
CLAIM

PRELIMINARY

DRILLING COMPANY DOMINQUE FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY Ken Lapierre DATES: Dec 19/94 TO Dec 21/94 PAGE 1 OF 4

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	Cu ppm					CODES OF ANALYSES
0-54	Drill Casing									
54'-	ULTRAMAFIC VOLCANIC									
73.1	- fine grained, grey colour, altered appearance, abundant INV. fr.									
	east. stringers, very soft, talc/be texture, local vuggy appearance									
	- non-magnetic									
	- contact: bot = So-tca									
73.1'-	QUARTZ FELDSPAR PORPHYRY									
75.3	contacts: So-tca									
	- qtz./feld. phenos in a grey aphanitic matrix									
	- silicified, non-magnetic, non-mineralized									
75.3'-	DIABASE									
107'	- contacts: top: 60° tca, bot = 25° tca									
	- medium grained, black colour, magnetic, fresh unaltered									
	appearance, non-mineralized									
107'-	ULTRAMAFIC VOLCANIC									
132.4'	- contacts: 25-30° tca									
	- fine grained, green black colour, slightly to non-magnetic,									
	- talc/serpentinite rich contacts, non-mineralized									
132.4'-	DACITE (altered ultramafic?)									
159.3	- contacts: top = 30° tca bot = 40° tca									
	- fine grained, buff yellow colour, hard, non-magnetic, sericite									
	alteration, chlorite/serpentinite stringers = 40° tca									
	- 154.4' - 155.2' - 50% semi-massive stringers of po, fr. cpy	154.4-156	17356	883	686					

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BH94-20 PAGE 2

FOOTAGE feet	DESCRIPTION OF CORE
159.3'-	DIABASE
172.8'	contacts: top= 40°tca, bot= 35°tca
	- fine to med. grained, black colour, magnetic, unaltered,
	- non-mineralized
172.8'-	INTERMEDIATE VOLCANIC/DACITE
264.6'	- contacts: top= 35°tca, bot= 70°tca
	- fine grained, grey green colour, hard to moderately hard,
	- non-magnetic, schistose, texture throughout → 40°tca
	- 216' - 219.6' - Quartz Monz. - 40°tca
	- 244' - 246' - Felsic Dyke
	- 259' - 261' - Quartz Feldspar Porphyry
264.6'-	ULTRAMAFIC VOLCANIC
726	- contacts: top = 70°tca, bot= gradational
	- fine grained, grey black colour, slightly magnetic [(locally)], moderately soft.
	- talcose texture, 20% irr. fr. carb stringers, tr-1% py disseminations
	- contorted, altered appearance to UM (caused by Qtz Monz?)
	- 345 - 346' - Qtz. Monz.
	- 351.3' - 352.4' - Qtz. Monz. - 80°tca
	- 356' - 357.8' - Qtz. Monz. - 70°tca
	- 369' - 372.4' - Qtz. Monz. - K-spar, 80°tca
	- 376' - 380.2' - Qtz. Monz. - chlorite rich sections
	- 381.7' - 385' - RQD ~ 40%, broken core
	- 385.4' - 389.2' - Qtz. Monz. - silicified
	- 390' - 390.6' - Qtz. Monz. - 70°tca
	- 391.7' - 392.3' - Qtz. Monz.
	- 412' - 425.7' - Qtz. Monz. - 75°tca
	- 453.7' - 453.8' - mud/fault seam - 75°tca

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Robotano HOLE NUMBER: BHQ4-20 PAGE 3

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
	-474.5' - 483.5' - Qtz. Monz - silicified, -45-50°tca			
	-485' - 487' - Qtz. Mon - silicified,			
	521.5 - Intercalation Zone - Qtz/Monz/ULTRAMafic			
	-521.5 - 548.5' - QUARTZ MONZ. - aplantic to equigranular texture - 45°tca			
	-565.8' - 567' - Qtz. Monz.			
	- 572.4' - 575.8' - Qtz. Monz. - broken core			
	-582' - 596' - Quartz Monzonite -70°tca			
	-604.6' - 609' - Felsic Dyke : cont: top = 80°tca, bot = 35°tca			
	-645.5' - 668.5 - Qtz. Monz/Felsic Dyke - local vm xenolith			
	- 667 - 668.5 - broken core			
	-676.1' - 676.7' - Felsic Dyke			
	-678' - 696.2' - Felsic Dyke/Qtz. Monz./Qtz. Feldspar Porphyry - 45°tca			
	-714' - 723.6' - Qtz. Monzonite - 45°tca			
726' -	KOMATIITE - Spinifex			
794.8	-contacts: top = grad. bot = 45°tca			
	-fine grained, greyish black colour, slightly magnetic			
	-lack of intrusions in this sequence			
	-spinifex texture present, heavily carbonated → grey & stringers			
	-non-mineralized			
	-740.7' - 749' - Mafic Dyke - non-magnetic, fg., hard, non-mineralized			
	-786.5' - 786.8' - Mud Seam → clay fraction			
794.8	DIABASE			
977.2	-contacts: top = 45°tca, bot = 45°tca			
	-fine grained contacts, medium grained, grey black colour			
	-magnetic, fresh unaltered appearance, equigranular texture			
	-non-mineralized	850'		

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Rabbit Lake HOLE NUMBER: BH94-20

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm	CODES OF ANALYSES
877.2'-884	QUARTZ FELDSPAR PORPHYRY -contact: 45° tca - qtz/feld phenos in a aphanitic grey groundmass -preferred orientation to pheno's → 45° tca - very hard, non-magnetic, non-mineralized				
884'-901.4	INTERMEDIATE/MAFIC VOLCANIC -contact: 45° tca -fine grained, grey colour, moderately hard, non-magnetic -slight fabric → 45° tca, non-mineralized				
901.4'-922	ULTRAMAFIC VOLCANIC -contact = 45° tca -fine grained, grey colour, non-magnetic, strongly carbonated -local area of calcareous mineralization (906.2-909.4') - 35% irr. tr. calc stringers, tr-1% ob blebs → po?	901.4-905.2 905.2-906.2 906.2-909.4	17360 17361 17362	666 572 123	
922'-1096'	DACITE -contact = 45° tca -fine grained → at times fragmented appearance, grey green colour, very hard, non-magnetic, < 3% calc. stringers, centrally non-mineralized → local po stringers (see below)				
	- 930.4' - 931.6' - < 3% irr. tr. po stringers in dacite groundmass	930.4-931.6	17363	1666	
	- 962.9 - 964.3 - tr - 1% po patches in foliation planes (45° tca)	962.9-964.3	17364	107	
	967 - 967.8 - tr po in calc stringers	967-967.8	17366	134	
	-991.7' - 993.5' - "B" Sulphide Zone - 5% discont. stringers/patches of po/py/±cp in a chloritized/carb. dacite groundmass	990.7-991.7 991.7-993.5 993.5'-996	17383 17365 17384	1.36%	
	EOH at 1,096' Dec 22/94 Ken Laperrie				

LAPIERRE EXPLORATION SERVICES INC.

OTHER INFO:

ACID TESTS: at ft – DIP
0' = 64°
500' = 64°

HOLE NUMBER BH94-21
GRID REFERENCE 10564N/1125OE
ELEVATION
AZIMUTH 030°
DIP ANGLE -64°
LENGTH 818'

DIAMOND DRILL LOG

PROPERTY Redstone – Blackhawk Mining
TOWNSHIP Eldorado
CLAIM

PRELIMINARY

DRILLING COMPANY NIGHTHAWK FOREMAN Ed Ludwig
CORE SIZE BQ CORE STORED AT: Redstone LOGGED BY Kari Lapierre DATES: Dec 20/94 TO Dec 22/94 PAGE 1 OF 2

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	Ni ppm						CODES OF ANALYSES
0-16	Drill Casing									
16'- 108'	GABBRO - contacts: undetermineable top, bot = 70° tca - medium grained appearance to fine grained towards bottom contact - grey colour, slightly magnetic, fresh unaltered appearance - total epidote alteration (trace) - trace mineralization									
108'- 126'	INTERMEDIATE VOLCANIC - contacts: top = 70° tca, bot = undet. - fine grained, grey colour, non-magnetic, hard, non-mineralized									
126'-448'	ULTRAMAFIC VOLCANIC - contacts: top = undet., bot = 45° tca - fine grained, black colour, very hard, moderately magnetic, trace Pyr. & mineralization → locally thin talc, serpentinite alteration - <5% irr. tr. carb. stringers									
	155.2' - 177.4' - Feldspar Porphyry / Qtz. Monz. → phases, hard, sericite alt									
	273' - 275.2' - [redacted]									
	310.6' - 314.4' - Qtz. Monz. - 70° tca. - talc rich contacts									
	445.2' - 448' - SULPHIDE ZONE - chloritized zone - 5% PO, PY, Po - stringers → 45° tca	445.2-448	17139	✓						

LAPIERRE EXPLORATION SERVICES INC.

DIAMOND DRILL LOG PROPERTY: Redstone HOLE NUMBER: BHAU-21

FOOTAGE feet	DESCRIPTION OF CORE	SAMPLE INTERVAL	SAMPLE NUMBER	CODES OF ANALYSES
448'	DACITE			
473.6	contacts = 45°tca			
	- fine grained, buff colour, fragmented appearance, very hard,			
	-non-magnetic, nil-mineralized			
473.6'-	INTERMEDIATE VOLCANIC			
506'	- contacts: 45°tca			
	- fine grained, schistose appearance, grey to grey green colour,			
	- non-magnetic, strong fabric throughout at 45°tca.			
	- Trace mineralization → po. → near top contact → cpy & grey silica (minor)			
	-501' - 506' - RQD = 15%			
	- 503.6' - 503.8' - mud seam → 45°tca.			
506-	ULTRAMAFIC VOLCANIC			
to 771'	- contacts: top = 45°tca			
	- fine grained, grey black colour, slightly magnetic,			
	-20% irr. to. carb. stringers, → at times contorted & abundant			
	- non-mineralized			
	- 546.5' - 577.6' - RQD = 10% - FAULT ZONE - fault gouge throughout			
	- contorted carb stringers			
	-601.8' - 617.3' - QUARTZ MONZONITE - 45°tca			
	-622.4' - 625' - Quartz Monz. -			
	-626.9' - 629.2' - Quartz Monz.			
	-629.8' - 632.3' - Qtz. Monz - silicified			
	-640' - 642.7' - Qtz. Monz - 70°tca			
	-656' - 664.1' - Qtz. Monz - 40°tca			
	-676.2' - 690.9' - Qtz. Monz - 60-70°tca			
	-698.5' - 710.5' - Felsic Dyke - VM inclusion at 707.7 - 709'			
	- 773.4' - 776.8' - Qtz - Monz - 50°tca			
	- 789.3' - 791.4' - Qtz Monz / Breccia Zone → up to 1.5 inch fragments			
	- 797' - 799' - Qtz. Monz / Felsic Dyke			
	- 801.2' - 802.3' - Qtz. Monz - K-spar rich - 50°tca			
	- 802.7' - 805' - Qtz. Monz - K-spar rich			
	- 808.9' - 818' - Qtz Monz - K-spar rich			

EOH at 818'
- hole abandoned
- Major fault zone at 546' - 576' caused failure, could not get back down hole - plugged at fault zone

Ken Lapierre

Dec 23/99

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Geochemical Analysis Certificate

4W-2946-RG1

Company: **K. LAPIERRE**
Project: Redstone Property BH94-1
Attn: K. Lapierre

Date: NOV-17-94

We hereby certify the following Geochemical Analysis of 22 Core samples submitted NOV-15-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Cu Check %	Ni PPM	Ni Check %
2851	Nil	Nil	-	-	63	-
2852	Nil	-	-	-	74	-
2853	Nil	-	-	-	64	-
2854	Nil	-	-	-	480	-
2855	3	-	-	-	626	-
2856	Nil	-	-	-	215	-
2857	7	10	-	-	400	-
2858	Nil	-	-	-	492	-
2859	Nil	-	-	-	-	-
2860	Nil	Nil	-	-	-	-
2861	Nil	-	-	-	406	-
2862	Nil	-	-	-	-	-
2863	Nil	-	-	-	2800	-
2864	45	41	10300	1.04	127200	12.82
2865	14	-	4860	-	192000	19.40
2866	21	-	6340	0.64	54900	5.51
2867	-	-	-	-	4380	-
2868	-	-	-	-	175	-
2869	-	-	-	-	130	-
2870	-	-	-	-	126	-
2871	-	-	-	-	91	-
2872	-	-	-	-	106	-

Certified by _____

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Geochemical Analysis Certificate

4W-2946-RG2

BH94-1

Company: **K. LAPIERRE**
Project: Redstone Property
Attn: K. Lapierre

Date: DEC-20-94

We hereby certify the following Geochemical Analysis of 5 Core samples submitted NOV-15-94 by .

Sample Number	Co PPM	Pt PPB	Pd PPB	Rh PPB
2851	-	-	-	-
2852	-	-	-	-
2853	-	-	-	-
2854	-	-	-	-
2855	-	-	-	-
2856	-	-	-	-
2857	-	-	-	-
2858	-	-	-	-
2859	-	-	-	-
2860	-	-	-	-
2861	-	-	-	-
2862	-	-	-	-
2863	44	-	10	-
2864	1190	134	1725	292
2865	1510	166	2000	433
2866	368	1892	892	92
2867	50	-	65	-
2868	-	-	-	-
2869	-	-	-	-
2870	-	-	-	-
2871	-	-	-	-
2872	-	-	-	-

Certified by _____

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Assay Certificate

4W-3019-RA1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

BH94-2

Date: NOV-24-94

We hereby certify the following Assay of 20 Core samples submitted NOV-21-94 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu PPM	Cu %	Ni PPM	Ni %
2873	-	-	-	-	526	-
2874	-	-	-	-	196	-
2875	Nil	-	53	-	40	-
2876	Nil	Nil	549	-	156	-
2877	Nil	-	862	-	342	-
2878	0.01	0.02	234	-	174	-
2879	-	-	-	-	1150	-
2880	Nil	-	-	-	-	-
2881	-	-	-	-	736	-
2882	-	-	-	-	1500	-
2883	-	-	2890	-	1710	-
2884	-	-	28	-	476	-
2885	-	-	12	-	4430	-
2886	-	-	80	-	4810	-
2887	-	-	323	-	1820	-
2888	-	-	986	-	138000	13.62
2889	-	-	2450	-	25000	2.73
2890	-	-	182	-	566	-
2891	-	-	5670	0.57	772	-
2892	-	-	84	-	120	-

Certified by Denis Chantre

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Assay Certificate

4W-3019-RA2

Company: **K. LAPIERRE** BH94-2 Date: DEC-20-94
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Assay of 5 Core samples submitted NOV-21-94 by .

Sample Number	Co PPM	Pt PPB	Pd PPB	Rh PPB
2873	-	-	-	-
2874	-	-	-	-
2875	-	-	-	-
2876	-	-	-	-
2877	-	-	-	-
2878	-	-	-	-
2879	-	-	-	-
2880	-	-	-	-
2881	-	-	-	-
2882	-	-	-	-
2883	-	-	-	-
2884	-	-	-	-
2885	81	67	775	<5
2886	70	-	151	-
2887	41	-	75	-
2888	658	767	1875	75
2889	199	700	983	9
2890	-	-	-	-
2891	-	-	-	-
2892	-	-	-	-

Certified by G. Pelletier

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Geochemical Analysis Certificate

4W-3038-RG1

BH94-3

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

Date: NOV-24-94

We hereby certify the following Geochemical Analysis of 28 Core samples submitted NOV-23-94 by K.Lapierre.

Sample Number	Au PPB	Au Check PPB	Cu PPM	Cu %	Ni PPM	Ni %
2893	-	-	-	-	100	-
2894	-	-	-	-	777	-
2895	-	-	72	-	1010	-
2896	-	-	137	-	1130	-
2897	-	-	348	-	1100	-
2898	-	-	150	-	1080	-
2899	-	-	248	-	932	-
2900	-	-	267	-	1180	-
2901	-	-	-	-	1310	-
2902	-	-	-	-	466	-
2903	-	-	-	-	897	-
2904	-	-	-	-	1220	-
2905	-	-	-	-	989	-
2906	-	-	-	-	998	-
2907	-	-	-	-	784	-
2908	-	-	-	-	945	-
2909	-	-	-	-	144	-
2910	-	-	-	-	1370	-
2911	-	-	-	-	2060	-
2912	10	-	804	-	7960	0.80
2913	7	-	247	-	4950	-
2914	58	62	230	-	15800	1.60
2915	34	-	9310	0.94	121000	12.57
2916	350	250	3100	-	266000	27.48
2917	41	38	912	-	38400	3.80
2918	17	-	508	-	1130	-
2919	14	-	37	-	413	-
2920	-	-	-	-	92	-

Certified by Denis Chartre

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Geochemical Analysis Certificate

4W-3038-RG2

Company: **K. LAPIERRE** BH94-3 Date: DEC-20-94
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 6 Core samples submitted NOV-23-94 by K.Lapierre.

Sample Number	Co PPM	Pt PPB	Pd PPB	Rh PPB
2893	-	-	-	-
2894	-	-	-	-
2895	-	-	-	-
2896	-	-	-	-
2897	-	-	-	-
2898	-	-	-	-
2899	-	-	-	-
2900	-	-	-	-
2901	-	-	-	-
2902	-	-	-	-
2903	-	-	-	-
2904	-	-	-	-
2905	-	-	-	-
2906	-	-	-	-
2907	-	-	-	-
2908	-	-	-	-
2909	-	-	-	-
2910	-	-	-	-
2911	-	-	-	-
2912	86	-	134	-
2913	60	-	86	-
2914	111	120	275	-
2915	638	625	8425	142
2916	1660	675	2142	617
2917	313	467	592	33
2918	-	-	-	-
2919	-	-	-	-
2920	-	-	-	-

Certified by _____

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Geochemical Analysis Certificate

4W-3088-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

BH94-4

Date: NOV-29-94

We hereby certify the following Geochemical Analysis of 14 Core samples submitted NOV-28-94 by .

Sample Number	Au PPB	Au Check PPB	Cu %	Ni %
2921	-	-	-	0.10
2922	-	-	-	0.09
2923	31	24	-	-
2924	103	99	-	-
2925	-	-	-	0.06
2926	-	-	-	0.15
2927	-	-	-	0.14
2928	-	-	0.005	0.11
2929	-	-	0.01	0.53
2930	-	-	0.06	13.23
2931	-	-	0.04	0.45
2932	-	-	-	0.03
2933	-	-	-	0.02
2934	-	-	-	0.01

Certified by Denis Strathe

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Geochemical Analysis Certificate

4W-3088-RG2

Company: K. LAPIERRE BH94-4 Date: DEC-20-94
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 3 Core samples submitted NOV-28-94 by .

Sample Number	Co PPM	Pt PPB	Pd PPB	Rh PPB
2921	-	-	-	-
2922	-	-	-	-
2923	-	-	-	-
2924	-	-	-	-
2925	-	-	-	-
2926	-	-	-	-
2927	-	-	-	-
2928	-	-	-	-
2929	58	-	41	-
2930	760	4033	3492	92
2931	48	-	69	-
2932	-	-	-	-
2933	-	-	-	-
2934	-	-	-	-

Certified by G. Leboe

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Geochemical Analysis Certificate

4W-4042-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

BH94-5

Date: DEC-05-94

We hereby certify the following Geochemical Analysis of 7 Core samples submitted DEC-01-94 by .

Sample Number	Au PPB	Au Check PPB	Ni PPM	Ni %
2935	3	-	1160	-
2936	182	175	-	-
2937	7	-	-	-
2938	3	-	44	-
2939	Nil	-	400	-
2940	89	75	22200	2.11
2941	Nil	-	360	-

Certified by G. Leb

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Geochemical Analysis Certificate

4W-4042-RG2

Company: **K. LAPIERRE** BH94-5 Date: DEC-20-94
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 3 Core samples submitted DEC-01-94 by .

Sample Number	Co PPM	Pt PPB	Pd PPB	Rh PPB
2935	-	-	-	-
2936	-	-	-	-
2937	-	-	-	-
2938	-	-	-	-
2939	18	-	<5	-
2940	381	567	409	83
2941	30	-	<5	-

Certified by _____

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Geochemical Analysis Certificate

4W-4097-RG1

Company: **K. LAPIERRE** BH94-6 Date: DEC-09-94
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 11 Core samples submitted DEC-07-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Ni PPM	Ni %
2942	-	-	-	4340	-
2943	-	-	286	1560	-
2944	Nil	Nil	-	-	-
2945	-	-	-	1100	-
2946	-	-	-	1650	-
2947	-	-	-	1320	-
2948	-	-	-	1380	-
2949	-	-	-	1520	-
2950	-	-	-	31800	3.29
17001	-	-	-	280	-
17002	-	-	-	94	-

Certified by G. Gilbert

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Assay Certificate

4W-4244-RA1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

BH94-7

Date: DEC-30-94

We hereby certify the following Assay of 46 Core samples submitted DEC-23-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Ni PPM
17066	-	-	-	786
17067	-	-	-	622
17068	110	-	-	228
17069	-	-	-	587
17070	34	41	-	205
17071	Nil	-	-	370
17072	-	-	-	720
17073	Nil	-	-	528
17074	-	-	-	99
17075	-	-	-	62
17076	-	-	-	50
17077	-	-	-	128
17078	-	-	-	230
17079	-	-	-	309
17080	-	-	-	112
17081	-	-	-	63
17082	-	-	-	72
17083	-	-	-	364
17084	-	-	-	125
17085	-	-	-	284
17086	-	-	-	161
17087	-	-	-	125
17088	-	-	-	81
17089	-	-	-	132
17090	-	-	-	106
17091	-	-	-	105
17092	-	-	-	86
17093	-	-	-	70
17094	-	-	-	68
17095	-	-	-	78

Certified by G. Leboy

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Assay Certificate

4W-4244-RA1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

Date: DEC-30-94

We hereby certify the following Assay of 46 Core samples submitted DEC-23-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Ni PPM	
17096	-	-	-	57	
17097	-	-	-	54	
17098	-	-	-	88	
17099	-	-	546	76	
17100	-	-	72	56	
17101	-	-	168	56	
17102	-	-	156	51	
17103	-	-	-	84	
17483	-	-	-	584	
17484	-	-	-	522	
17485	-	-	-	57	
17486	-	-	-	152	
17487	-	-	-	140	BH94-13
17488	7	-	-	406	
17489	Nil	-	-	303	
17490	Nil	-	-	212	

Certified by G. Leboy

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Geochemical Analysis Certificate

4W-4118-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K.Lapierre

Date: DEC-13-94

BH94-8

We hereby certify the following Geochemical Analysis of 26 Core samples submitted DEC-12-94 by K.Lapierre.

Sample Number	Ni PPM
17003	73
17004	66
17005	678
17006	115
17007	192
17008	80
17009	276
17010	130
17011	752
17012	617
17013	1160
17014	788
17015	2140
17016	1120
17017	986
17018	1380
17019	831
17020	1060
17021	1450
17022	2310
17023	1710
17024	1620
17025	1190
17026	344
17027	176
17028	75

Certified by G. Leb

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Geochemical Analysis Certificate

4W-4182-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

BH94-9

Date: DEC-21-94

We hereby certify the following Geochemical Analysis of 7 Core samples submitted DEC-19-94 by K. Lapierre.

Sample Number	Au PPB	Au Check PPB	Ni PPM	Ni %
17469	-	-	6060	0.68
17470	-	-	127	-
17471	-	-	1800	-
17472	-	-	1570	-
17473	-	-	2020	-
17474	-	-	22200	2.21
17475	-	-	131	-
17468	21	21	-	-

Certified by G. Leboy

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Geochemical Analysis Certificate

4W-4119-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K.Lapierre

BH94-9

Date: DEC-14-94

We hereby certify the following Geochemical Analysis of 17 Core samples submitted DEC-12-94 by K.Lapierre.

Sample Number	Ni PPM
17451	1180
17452	172
17453	124
17454	262
17455	256
17456	70
17457	222
17458	264
17459	56
17460	40
17461	200
17462	54
17463	96
17464	106
17465	52
17466	80
17467	70

1,000 ppm = 0.1% Ni.

10,000 ppm = 1.0%

Certified by G. Gilbert

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4W-4180-RG1

Company: **K. LAPIERRE** BH94-10 Date: DEC-21-94
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 25 Core samples submitted DEC-19-94 by K. Lapierre.

Sample Number	Ni PPM
17029	907
17030	761
17031	97
17032	1290
17033	1030
17034	746
17035	1280
17036	966
17037	1690
17038	1480
17039	1800
17040	1860
17041	345
17042	2310
17043	1880
17044	738
17045	260
17046	1877
17047	100
17048	79
17049	78
17050	67
17051	74
17052	126
17053	2160

Certified by G. Leboy

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Geochemical Analysis Certificate

BH94-11

4W-4204-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

Date: DEC-23-94

We hereby certify the following Geochemical Analysis of 7 Core samples submitted DEC-20-94 by .

Sample Number	Au PPB	Au Check PPB	Co %	Cu %	Ni %
17476	-	-	-	-	0.03
17477	17	-	0.002	0.005	0.17
17478	960	754	0.159	0.68	21.04
17479	62	-	0.020	0.15	2.98
17480	-	-	-	-	0.04
17481	-	-	-	-	0.04
17482	-	-	-	-	0.19

Certified by Denis Chartre

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4W-4181-RG1

Company: **K. LAPIERRE** BH94-12 Date: DEC-21-94
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 12 Core samples submitted DEC-19-94 by K. Lapierre.

Sample Number	Ni PPM
17054	635
17055	946
17056	850
17057	758
17058	189
17059	173
17060	202
17061	194
17062	404
17063	400
17064	200
17065	393

Certified by _____

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Assay Certificate

5W-0025-RA1

Company: **K. LAPIERRE** BH94-13|14|15 Date: JAN-12-95
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Assay of 53 Core samples submitted JAN-10-95 by .

Sample Number	Au PPB	Au Check PPB	Co PPM	Cu PPM	Ni PPM	Ni %	
17104	-	-	-	-	1100	-	
17105	-	-	-	-	1160	-	
17106	-	-	-	-	1070	-	
17107	-	-	-	-	1100	-	
17108	3	-	-	-	100	-	
17109	21	21	-	-	200	-	BH94-14
17110	-	-	-	-	706	-	
17111	-	-	-	-	1480	-	
17112	-	-	-	-	1450	-	
17113	-	-	-	-	1340	-	
17114	-	-	316	374	28300	2.89	
17115	-	-	-	-	3560	-	
17401	-	-	-	-	6880	0.71	
17402	-	-	-	-	1660	-	
17403	-	-	-	-	1450	-	
17404	-	-	424	714	29100	2.96	BH94-13
17405	-	-	1020	2360	56100	5.42	
17406	-	-	-	-	2640	-	
17407	-	-	-	-	604	-	
17408	14	10	-	-	628	-	
17409	14	-	-	-	172	-	
17410	-	-	-	-	1040	-	
17411	-	-	-	-	86	-	
17412	-	-	134	398	5880	0.58	BH94-15
17413	-	-	874	2900	49900	4.93	
17414	-	-	156	412	9560	0.99	
17415	-	-	-	-	950	-	
17416	-	-	-	-	2000	-	
17417	-	-	-	-	1600	-	
17418	-	-	-	152	4280	-	

Certified by G. Pelletier

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Assay Certificate

5W-0025-RA1

Company: **K. LAPIERRE** BH94-13/14/15 Date: JAN-12-95
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Assay of 53 Core samples submitted JAN-10-95 by .

Sample Number	Au PPB	Au Check PPB	Co PPM	Cu PPM	Ni PPM	Ni %	
17419	-	-	-	-	1290	-	
17420	-	-	-	-	1600	-	
17421	-	-	-	-	1690	-	
17422	-	-	-	-	1260	-	BH94-15
17423	-	-	-	-	1450	-	
17424	-	-	-	-	1800	-	
17425	-	-	-	-	1100	-	
17426	-	-	-	-	1780	-	
17427	-	-	-	-	1880	-	
17428	-	-	114	136	10600	1.18	
17429	-	-	236	206	32500	3.41	
17430	-	-	470	1200	74200	7.34	
17431	-	-	-	-	338	-	
17491	-	-	-	-	344	-	
17492	-	-	-	-	496	-	
17493	-	-	-	-	118	-	
17494	-	-	1690	1910	31800	3.14	
17495	-	-	34	44	1210	-	BH94-13
17496	-	-	-	-	2920	-	
17497	-	-	-	-	6480	0.65	
17498	-	-	-	-	2760	-	
17499	-	-	-	-	5280	0.57	
17500	-	-	-	-	1850	-	

Certified by G. Leblanc

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Geochemical Analysis Certificate

5W-0073-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

BH94-16

Date: JAN-19-95

We hereby certify the following Geochemical Analysis of 9 Core samples submitted JAN-17-95 by .

Sample Number	Au PPB	Au Check PPB	Co PPM	Cu PPM	Cu %	Ni PPM	Ni %
17116	Nil	-	-	-	-	180	-
17117	3	-	-	-	-	119	-
17118	27	24	-	-	-	-	-
17119	-	-	-	-	-	954	-
17120	-	-	64	140	-	3950	-
17121	-	-	231	754	-	28700	2.87
17122	-	-	502	1320	-	93800	9.35
17123	-	-	340	5280	0.53	66200	6.40
17124	-	-	-	-	-	402	-

Certified by K. W. Harrison

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Geochemical Analysis Certificate

BH94-17

5W-0072-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

Date: JAN-19-95

We hereby certify the following Geochemical Analysis of 11 Core samples submitted JAN-17-95 by .

Sample Number	Au PPB	Au Check PPB	Ni PPM
17432	3	3	751
17433	7	-	184
17434	Nil	-	104
17435	-	-	558
17436	-	-	433
17437	-	-	84
17438	-	-	80
17439	-	-	66
17440	-	-	56
17441	-	-	64
17442	-	-	1110

Certified by K. Morrison

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Geochemical Analysis Certificate

BH94-18

SW-0092-RG1

Company: K. LAPIERRE
Project: Redstone
Attn: K. Lapierre

Date: JAN-20-95

We hereby certify the following Geochemical Analysis of 16 Core samples submitted JAN-18-95 by K. Lapierre.

Sample Number	Au PPB	Co PPM	Cu PPM	Ni PPM	Ni %
17351	-	-	-	11000	1.15
17352	-	-	-	9680	1.02
17353	-	-	794	8580	0.89
17354	-	-	154	300	-
17355	-	42	316	3050	-
17356	-	454	2180	43000	4.31
17357	-	270	994	33100	3.36
17358	-	-	-	550	-
17443	Nil	-	-	686	-
17444	7	-	-	988	-
17445	-	-	-	392	-
17446	-	-	-	590	-
17447	-	-	-	106	-
17448	-	-	-	50	-
17449	-	-	-	72	-
17450	-	-	-	5000	0.52

Certified by K. Morrison

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Geochemical Analysis Certificate

5W-0152-RG1

Company: **K. LAPIERRE** BH94-19 Date: JAN-30-95
Project: Redstone
Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 14 Core samples submitted JAN-25-95 by .

Sample Number	Au PPB	Au Check PPB	Co PPM	Cu PPM	Ni PPM	Ni %
17125	-	-	-	-	1440	-
17126	-	-	-	-	2580	-
17127	45	41	-	-	68	-
17128	10	-	-	-	114	-
17129	41	-	-	-	130	-
17130	10	-	-	-	46	-
17131	27	-	-	-	-	-
17132	278	285	-	-	-	-
17133	14	-	-	-	-	-
17134	-	-	-	-	616	-
17135	-	-	70	43	7240	0.73
17136	-	-	164	245	21300	2.09
17137	-	-	92	55	6160	0.61
17138	-	-	25	204	216	-

Certified by G. Libby

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Geochemical Analysis Certificate

5W-0186-RG1

Company: **K. LAPIERRE** B1494-20 Date: JAN-30-95

Project: Redstone

Attn: K. Lapierre

We hereby certify the following Geochemical Analysis of 8 Core samples submitted JAN-27-95 by .

Sample Number	Cu PPM	Ni PPM	Ni %
17359	686	893	-
17360	-	666	-
17361	-	572	-
17362	-	123	-
17363	-	166	-
17364	-	107	-
17365	-	13300	1.36
17366	-	134	-

Certified by G. Leboss

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Geochemical Analysis Certificate

5W-0187-RG1

Company: **K. LAPIERRE**
Project: Redstone
Attn: K. Lapierre

BH94-21

Date: JAN-30-95

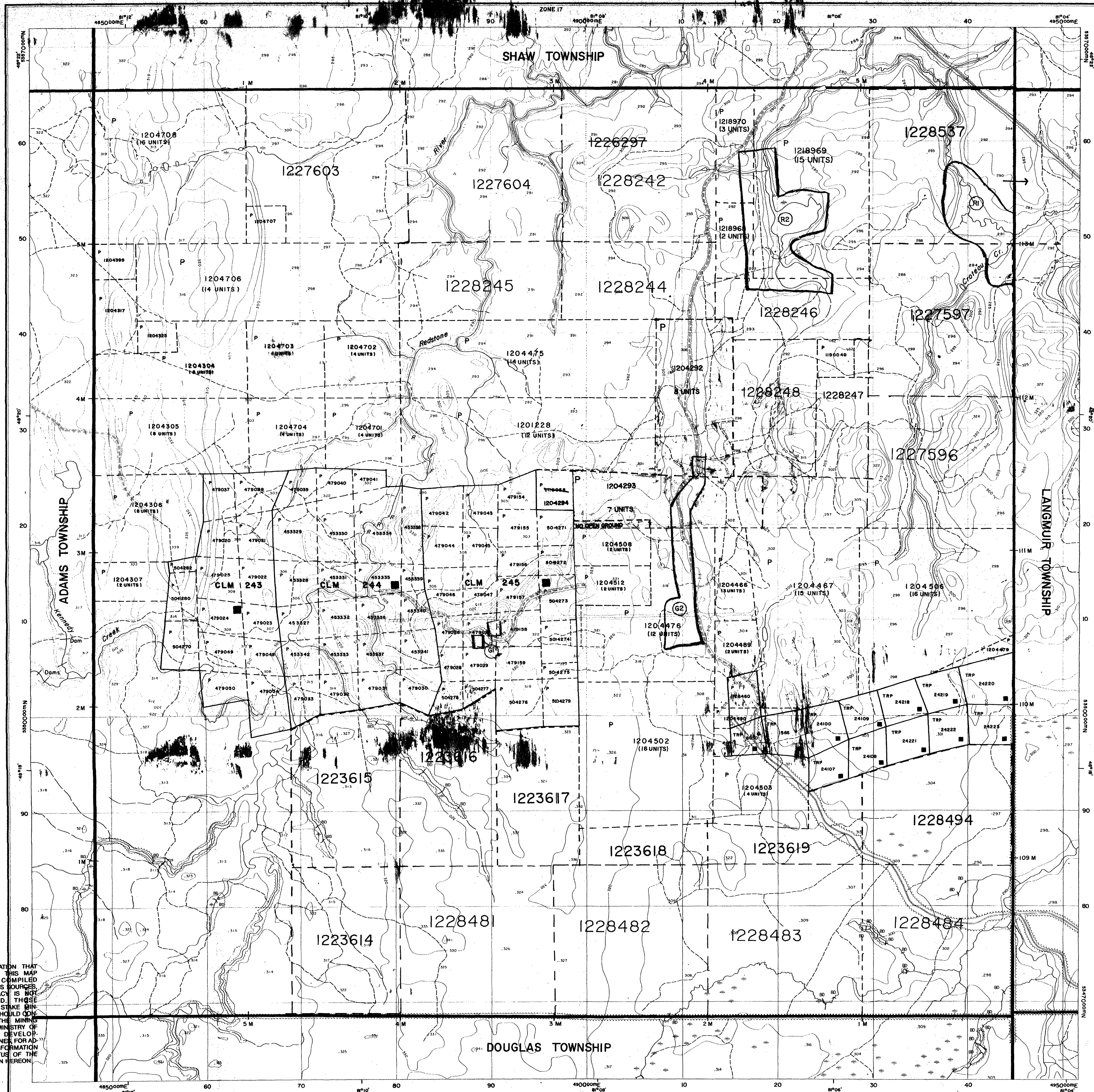
We hereby certify the following Geochemical Analysis of 1 Core samples submitted JAN-27-95 by .

Sample Number	Ni PPM
17139	751

Certified by G. Leboy

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

G-4001



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

200

Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

INDEX TO LAND DISPOSITION

PLAN
G-4001

TOWNSHIP
ELDORADO

M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS

MINING DIVISION
PORCUPINE

LAND TITLES / REGISTRY DIVISION
COCHRANE

Scale 1:20 000

Contour Interval 10 Metres

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File

G1 GRAVEL, FILE 192287

G2 GRAVEL, FILE 171598 AND FILE 172954

R1 DUCKS UNLIMITED - PENDING APPLICATION UNDER THE PUBLIC LANDS ACT. S.R.O. WITHDRAWN

R2 DUCKS UNLIMITED - PENDING APPLICATION UNDER THE PUBLIC LANDS ACT. S.R.O. WITHDRAWN

SYMBOLS

Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
- shoreline
- Lot/Concession; surveyed
- unsurveyed
- Parcel; surveyed
- unsurveyed
- Right-of-way; road
- railway
- utility
- Reservation

Cliff, Pit, Pile

Contour
- Interpolated
- Approximate
- Depression

Control point (horizontal)

Flooded land

Mine head frame

Pipeline (above ground)

Railway; single track
- double track
- abandoned

Road; highway, county, township
- access
- trail, bush

Shoreline (original)

Transmission line

Wooded area

DISPOSITION OF CROWN LANDS

Patent
- Surface & Mining Rights ●
- Surface Rights Only
- Mining Rights Only

Lease
- Surface & Mining Rights ■
- Surface Rights Only
- Mining Rights Only

Licence of Occupation ▼

Order-in-Council OC

Cancelled

Reservation

Sand & Gravel

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Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

ELDORADO TWP

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