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CONDOR RESOURCES LTD.

ASSESSMENT REPORT - 1991 EXPLORATION PROGRAM

KEMESS NORTH DEPOSIT

OMINECA MINING DIVISION
BRITISH COLUMBIA
CANADA

N.T.S. 94E/2
Latitude 57°00' N
Longitude 126°45' W

Mineral Claims

Tenure #'s

| | |
|----------------|--------------------|
| New Kemess 1-3 | 237800-801, 241960 |
| Ron 10-11 | 238705-706 |
| Du, Du 2 | 238819, 242573 |
| Rat 1 | 239994 |
| Sem 1 | 241014 |
| Nek 1-4 | 241957-959, 242574 |
| Due 1-10 | 242575-584 |
| Alison 1-2 | 243440-441 |
| Freddy 1-7 | 304008-014 |
| DC 1-5 | 304015-019 |
| SR 1-4 | 304020-023 |
| Goz 1-2 | 304706-707 |

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

D.J. Coppeland, P. Eng.
July 22, 1992

22,449

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1991 EXPLORATION PROGRAM

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1.0 SUMMARY

The Kemess Project is located in the Southern Toodoggone mining camp in the Omineca Mining Division of north central British Columbia. The property includes a huge claim block composed of 80 mineral claims (579 units) owned 100% by El Condor Resources Ltd. and 13 additional claims (120 units) involved in a joint venture agreement between El Condor Resources Ltd. (60%) and St. Philips Resources Inc. (40%). El Condor is the operator of the joint venture.

9 NQ diamond drilled holes, totalling 2640 metres, drilled on the Kemess North deposit, continued to delineate the zone of mineralization. This zone remains open in all directions and requires additional delineation drilling during 1992.

2.0 INTRODUCTION

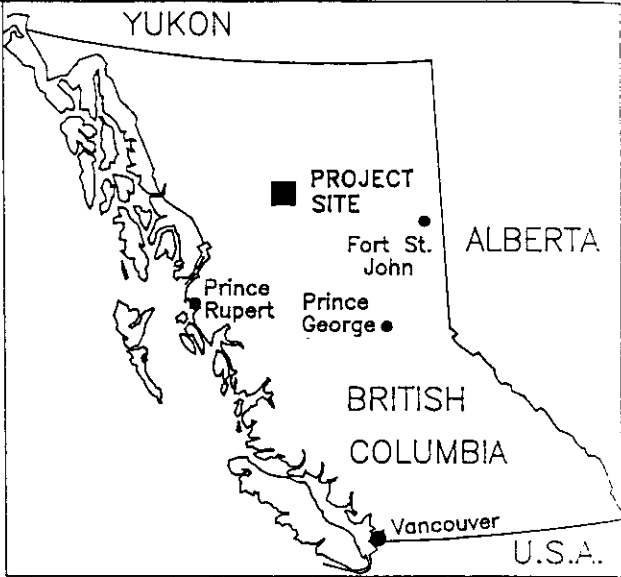
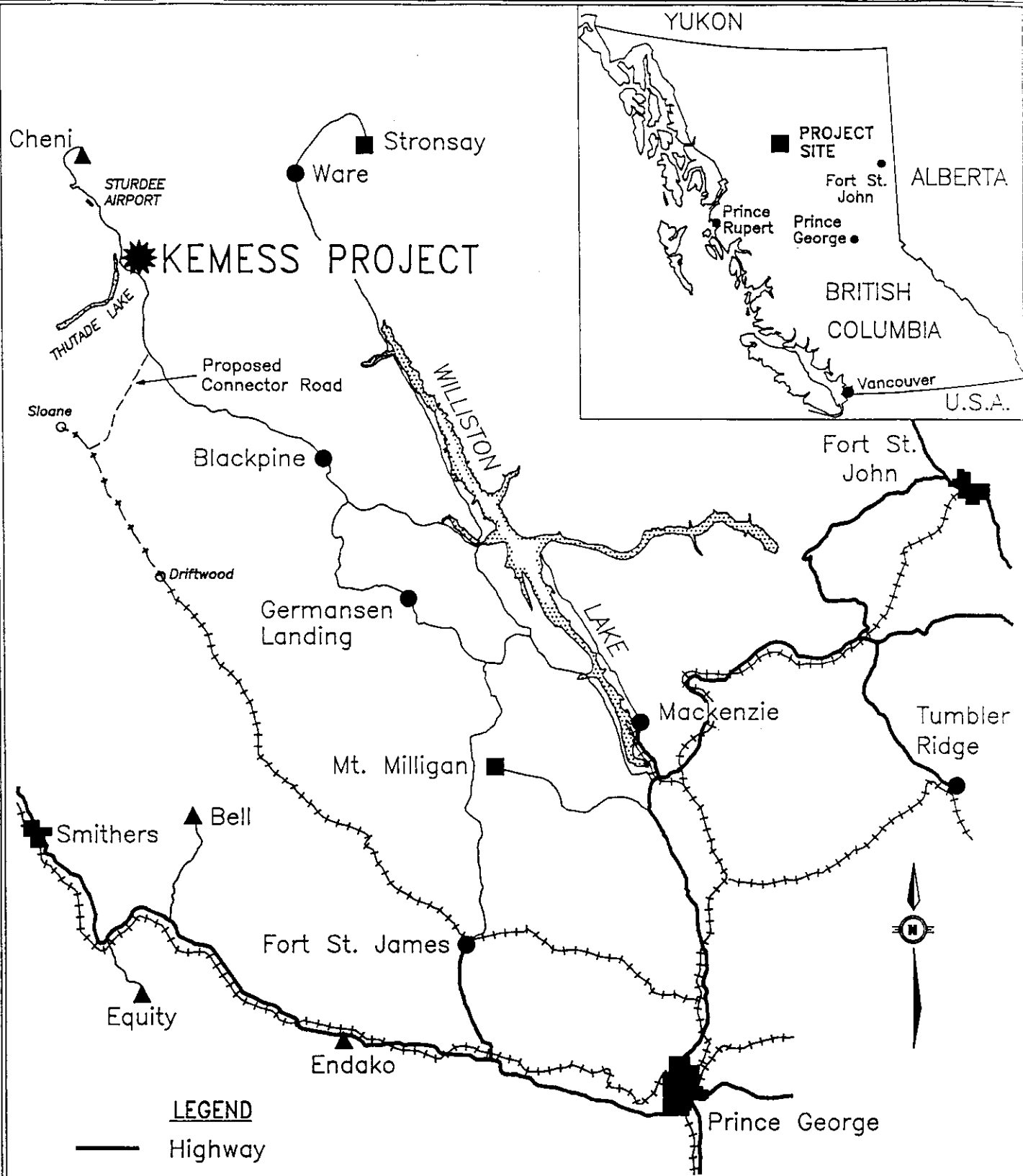
The Kemess Project, located in the Omineca Mining Division in north central British Columbia, is a large multi-deposit property comprised of 109 mineral claims (699 units). During the 1991 field season, El Condor Resources Ltd. carried out a major diamond drill program on the Kemess North Deposit. Delineation drilling on this deposit has substantially increased the size of the known zone of mineralization.

3.0 LOCATION AND ACCESS

The Kemess property is located in north central British Columbia at latitude 57°00' north, longitude 126°45' west, in the Omineca Mining Division approximately 265 km north of Smithers and 430 km northwest of Prince George (Figure 1).

Access to the property is from Fort St. James or Mackenzie via the Omineca Resource Access Road which passes to within 5 km of the western side of the claims. A connector road provides vehicle access to the core of the property. Both roads are suitable for vehicles ranging from two-wheel drive pick-up trucks to large semi-trailer units. South of the native community of Jack Pine, government agencies and forest resource companies maintain the road to Mackenzie and Fort St. James. North of Jack Pine, Cheni Gold Mines Ltd. maintains the Omineca Resource Access Road and charges a toll for vehicles using the road. The construction of a 60 km connector road from the Omineca Resource Access Road at Moose Valley along the Sustut River Valley would provide access to the British Columbia Railway at Sloane.

The Sturdee Valley airfield is located adjacent to the Omineca



- LEGEND**
- Highway
 - Industrial Road
 - +—+— Railway
 - +—+— 1992 B.C. Rail Extension
 - Proposed Connector Road
 - ▲ Operating Mine
 - Mine Development Project



| | | | |
|---------------------------------|--------------|------------------------|---------|
| EL CONDOR RESOURCES LTD. | | | |
| KEMESS PROJECT | | | |
| LOCATION MAP | | | |
| DATE: JUNE 1992 | BY: AS SHOWN | DRAWN BY: J. MACDONALD | PAGE: 1 |

Resource Access Road approximately 40 km northwest of the property. This airfield is serviced by airlines using scheduled commuter-type aircraft based in Smithers and Vancouver. Cheni Gold Mines Ltd., who maintain the airfield, charge a monthly user fee.

A fully winterized 40 man camp office and core handling facility are maintained year round at Kemess South with a satellite telecommunications system providing effective telephone and facsimile links to corporate offices, laboratories and suppliers. A seasonal 20 man camp exists at Kemess North.

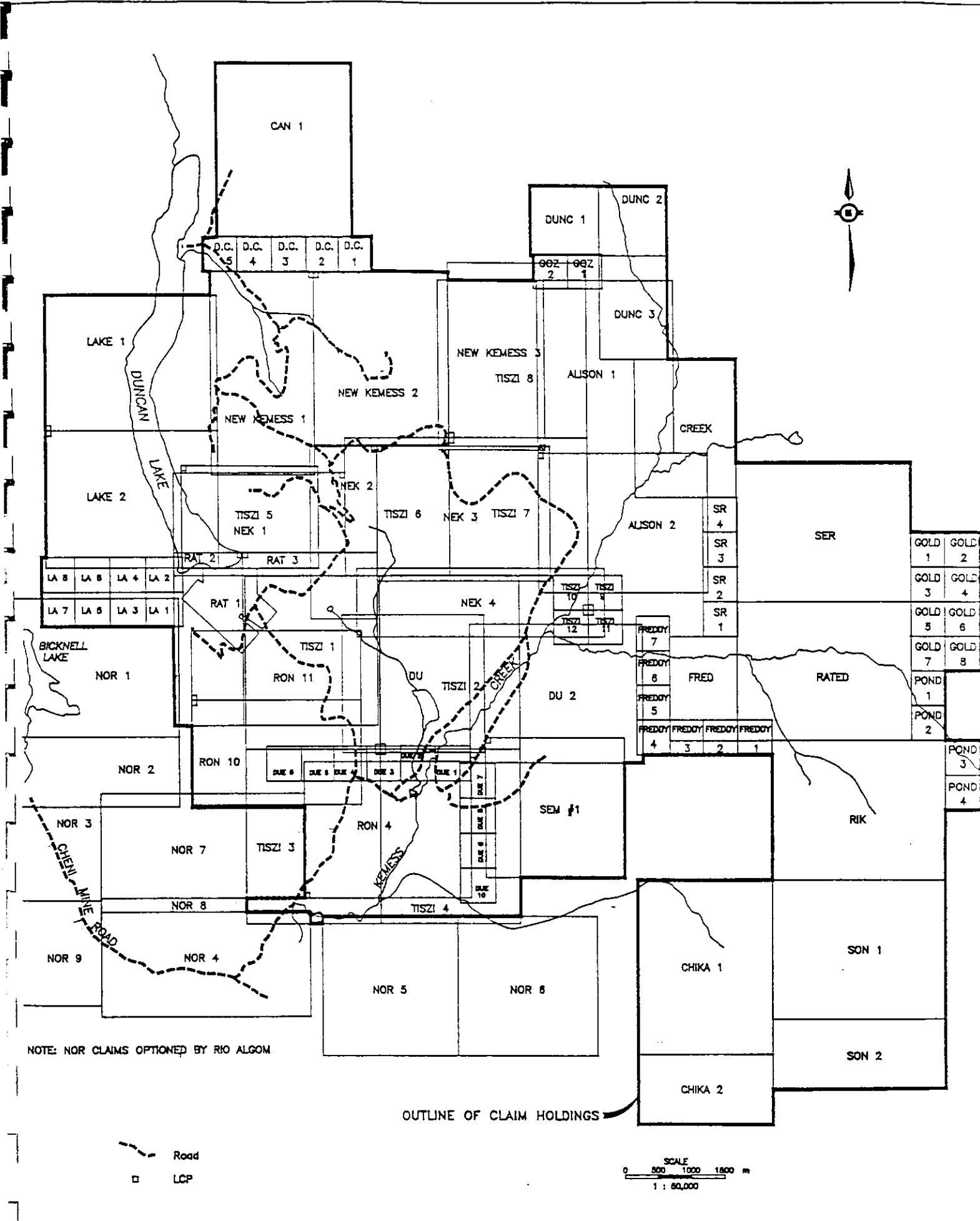
The Kemess property lies on the western margin of the Swannell Range of the Omineca Mountains at the transition to the more gentle terrain of the Bowser Basin and Spatsizi Plateau.

Topography at Kemess North is characterized by relatively rugged terrain of alpine to subalpine highlands with abundant corrie and cirque features. Elevation range from 1400 metres to 1923 metres.

The climate is generally moderate although highly changeable. Temperatures range from +30 to -35 celsius. Precipitation is also moderate and more or less uniformly distributed throughout the year.

4.0 CLAIM DATA

The Kemess Project involves a huge claim block composed of 80 mineral claims (579 units) owned or optioned to own 100% interest by El Condor Resources Ltd. and 13 additional claims (120 units) in a Joint Venture agreement between El Condor Resources Ltd. (60%) and St. Philips Resources Inc. (40%). El Condor is the operator of the joint venture. All mineral claims are situated in the Omineca Mining Division on NTS map sheet 94E/2 and 94D/15. Locations of all mineral claims are illustrated in Figure 2, while mineral claim data is listed in Table I.



NOTE: NOR CLAIMS OPTIONED BY RIO ALGOM

OUTLINE OF CLAIM HOLDINGS

--- Road
 □ LCP

SCALE
 0 500 1000 1500 m
 1 : 60,000

EL CONDOR RESOURCES LTD.

KEMESS PROPERTY

CLAIM MAP

TABLE I

NTS 94E/2, 94D/15

KEMESS PROJECT - MINERAL CLAIMS

| Claim Name | Record No. | Tenure No. | Units | Record Date | Expiry Date* | Registered Owner |
|------------|------------|------------|-------|-------------|--------------|------------------|
| ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| ALISON 1 | 13290 | 243440 | 20 | 14-May-91 | 14-May-2000 | El Condor (100%) |
| ALISON 2 | 13291 | 243441 | 20 | 14-May-91 | 14-May-2000 | El Condor (100%) |
| CAN 1 | 12913 | 243063 | 20 | 02-Feb-91 | 02-Feb-99 | El Condor (100%) |
| CHIKA 1 | 12924 | 243074 | 20 | 02-Feb-91 | 02-Feb-2000 | El Condor (100%) |
| CHIKA 2 | 12925 | 243075 | 8 | 03-Feb-91 | 03-Feb-2000 | El Condor (100%) |
| CREEK | 12917 | 243067 | 12 | 01-Feb-91 | 02-Feb-2000 | El Condor (100%) |
| DC 1 | 304015 | 304015 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| DC 2 | 304016 | 304016 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| DC 3 | 304017 | 304017 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| DC 4 | 304018 | 304018 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| DC 5 | 304019 | 304019 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| DU | 6396 | 238819 | 20 | 16-Jul-84 | 16-Jul-2002 | El Condor (JV) |
| DU 2 | 12423 | 242573 | 20 | 02-Aug-90 | 02-Aug-2002 | El Condor (JV) |
| DUE 1 | 12425 | 242575 | 1 | 02-Aug-90 | 02-Aug-2002 | El Condor (JV) |
| DUE 10 | 12434 | 242584 | 1 | 03-Aug-90 | 03-Aug-2002 | El Condor (100%) |
| DUE 2 | 12426 | 242576 | 1 | 02-Aug-90 | 02-Aug-2002 | El Condor (JV) |
| DUE 3 | 12427 | 242577 | 1 | 02-Aug-90 | 02-Aug-2002 | El Condor (JV) |
| DUE 4 | 12428 | 242578 | 1 | 03-Aug-90 | 03-Aug-2002 | El Condor (JV) |
| DUE 5 | 12429 | 242579 | 1 | 03-Aug-90 | 03-Aug-97 | El Condor (JV) |
| DUE 6 | 12430 | 242580 | 1 | 03-Aug-90 | 03-Aug-97 | El Condor (JV) |
| DUE 7 | 12431 | 242581 | 1 | 03-Aug-90 | 03-Aug-2002 | El Condor (100%) |
| DUE 8 | 12432 | 242582 | 1 | 03-Aug-90 | 03-Aug-2002 | El Condor (100%) |
| DUE 9 | 12433 | 242583 | 1 | 03-Aug-90 | 03-Aug-2002 | El Condor (100%) |
| DUNC 1 | 12914 | 243064 | 4 | 01-Feb-91 | 01-Feb-2000 | El Condor (100%) |
| DUNC 2 | 12915 | 243065 | 4 | 01-Feb-91 | 01-Feb-2000 | El Condor (100%) |
| DUNC 3 | 12916 | 243066 | 6 | 01-Feb-91 | 01-Feb-2000 | El Condor (100%) |
| FRED | 12920 | 243070 | 6 | 31-Jan-91 | 31-Jan-2000 | El Condor (100%) |
| FREDDY 1 | 304008 | 304008 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| FREDDY 2 | 304009 | 304009 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| FREDDY 3 | 304010 | 304010 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| FREDDY 4 | 304011 | 304011 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| FREDDY 5 | 304012 | 304012 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| FREDDY 6 | 304013 | 304013 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| FREDDY 7 | 304014 | 304014 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| GOLD 1 | 305548 | 305548 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOLD 2 | 305549 | 305549 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOLD 3 | 305550 | 305550 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOLD 4 | 305551 | 305551 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOLD 5 | 305552 | 305552 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOLD 6 | 305553 | 305553 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOLD 7 | 305554 | 305554 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOLD 8 | 305555 | 305555 | 1 | 10-Oct-91 | 10-Oct-2000 | El Condor (100%) |
| GOZ 1 | 304706 | 304706 | 1 | 21-Sep-91 | 21-Sep-99 | El Condor (100%) |
| GOZ 2 | 304707 | 304707 | 1 | 21-Sep-91 | 21-Sep-99 | El Condor (100%) |
| LA 1 | 13204 | 243354 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LA 2 | 13205 | 243355 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |

TABLE I

NTS 94E/2, 94D/15

KEMESS PROJECT - MINERAL CLAIMS

| Claim Name | Record No. | Tenure No. | Units | Record Date | Expiry Date* | Registered Owner |
|--------------|------------|------------|-------|-------------|--------------|-------------------|
| LA 3 | 13206 | 243356 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LA 4 | 13207 | 243357 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LA 5 | 13208 | 243358 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LA 6 | 13209 | 243359 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LA 7 | 13210 | 243360 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LA 8 | 13211 | 243361 | 1 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LAKE 1 | 13212 | 243362 | 20 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| LAKE 2 | 13213 | 243363 | 20 | 09-Apr-91 | 09-Apr-99 | El Condor (100%) |
| NEK 1 | 11804 | 241957 | 12 | 03-May-90 | 03-May-2002 | El Condor (100%) |
| NEK 2 | 11805 | 241958 | 10 | 03-May-90 | 03-May-2002 | El Condor (100%) |
| NEK 3 | 11806 | 241959 | 20 | 03-May-90 | 03-May-2002 | El Condor (100%) |
| NEK 4 | 12424 | 242574 | 14 | 01-Aug-90 | 01-Aug-2002 | El Condor (100%) |
| NEW KEMESS 1 | 43 | 237800 | 18 | 11-Jul-75 | 11-Jul-2002 | El Condor (100%) |
| NEW KEMESS 2 | 44 | 237801 | 20 | 11-Jul-75 | 11-Jul-2002 | El Condor (100%) |
| NEW KEMESS 3 | 11807 | 241960 | 15 | 03-May-90 | 03-May-2002 | El Condor (100%) |
| POND 1 | 12926 | 243076 | 1 | 03-Feb-91 | 03-Feb-2000 | El Condor (100%) |
| POND 2 | 12927 | 243077 | 1 | 03-Feb-91 | 03-Feb-2000 | El Condor (100%) |
| POND 3 | 12928 | 243078 | 1 | 03-Feb-91 | 03-Feb-2000 | El Condor (100%) |
| POND 4 | 12929 | 243079 | 1 | 03-Feb-91 | 03-Feb-2000 | El Condor (100%) |
| RAT 1 | 9463 | 239994 | 9 | 15-Jun-88 | 15-Jun-2002 | D.L. Cooke Option |
| RAT 2 | 13015 | 243165 | 10 | 04-Mar-91 | 04-Mar-99 | El Condor (100%) |
| RAT 3 | 13016 | 243166 | 20 | 04-Mar-91 | 04-Mar-99 | El Condor (100%) |
| RATED | 12919 | 243069 | 20 | 02-Feb-91 | 02-Feb-2000 | El Condor (100%) |
| RIK | 12921 | 243071 | 20 | 02-Feb-92 | 02-Feb-2000 | El Condor (100%) |
| RON 10 | 5850 | 238705 | 20 | 05-Oct-83 | 05-Oct-2002 | El Condor (100%) |
| RON 11 | 5851 | 238706 | 10 | 05-Oct-83 | 05-Oct-2002 | El Condor (100%) |
| RON 4 | 3630 | 238404 | 20 | 03-Mar-81 | 03-Mar-97 | El Condor (JV) |
| SEM 1 | 10851 | 241014 | 16 | 18-Jul-89 | 18-Jun-2002 | D.L. Cooke Option |
| SER | 12918 | 243068 | 20 | 02-Feb-91 | 02-Feb-2000 | El Condor (100%) |
| SON 1 | 12922 | 243072 | 20 | 02-Feb-91 | 02-Feb-2000 | El Condor (100%) |
| SON 2 | 12923 | 243073 | 10 | 03-Feb-91 | 03-Feb-2000 | El Condor (100%) |
| SR 1 | 304020 | 304020 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| SR 2 | 304021 | 304021 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| SR 3 | 304022 | 304022 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| SR 4 | 304023 | 304023 | 1 | 04-Sep-91 | 04-Sep-99 | El Condor (100%) |
| TISZI 1 | 13292 | 243442 | 20 | 16-May-91 | 16-May-93 | El Condor (JV) |
| TISZI 2 | 13293 | 243443 | 20 | 16-May-91 | 16-May-93 | El Condor (JV) |
| TISZI 3 | 13294 | 243444 | 20 | 16-May-91 | 16-May-97 | El Condor (JV) |
| TISZI 4 | 13295 | 243445 | 20 | 16-May-91 | 16-May-97 | El Condor (JV) |
| TSIZI 10 | 304797 | 304797 | 1 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |
| TSIZI 11 | 304798 | 304798 | 1 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |
| TSIZI 12 | 304799 | 304799 | 1 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |
| TSIZI 5 | 304788 | 304788 | 15 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |
| TSIZI 6 | 304789 | 304789 | 12 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |
| TSIZI 7 | 304790 | 304790 | 16 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |
| TSIZI 8 | 304791 | 304791 | 20 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |

TABLE I

NTS 94E/2, 94D/15

KEMESS PROJECT - MINERAL CLAIMS

| Claim Name | Record No. | Tenure No. | Units | Record Date | Expiry Date* | Registered Owner |
|------------|------------|------------|-------|-------------|--------------|------------------|
| TSIZI 9 | 304796 | 304796 | 1 | 06-Oct-91 | 06-Oct-93 | El Condor (100%) |

* PENDING ACCEPTANCE OF THIS ASSESSMENT REPORT

5.0 EXPLORATION HISTORY

5.1 District Exploration and Development

Placer gold was discovered in 1889 at the mouth of McConnell Creek, located 30 kilometres northwest of Johansen Lake and 25 kilometres southeast of the Kemess property. This discovery led to a brief gold rush in 1907.

In the 1930s, Cominco prospected the Thutade and Duncan Lakes areas to the north and west of the Kemess property for the source of placer gold which was found in a local creek. Cominco failed to discover the source of this gold, but did stake claims on a lead-zinc skarn occurrence a few kilometres north of the current Kemess South claims.

In 1968, Kennco Explorations (Western) Limited discovered the Chapelle epithermal gold-silver vein deposit, located roughly 36 kilometres north of the Kemess South property, while searching for porphyry copper-molybdenum deposits in the Toodoggone District. Over the next fifteen years several major mining companies explored the region for precious and base metal occurrences. Their work resulted in the discovery of several epithermal gold and silver prospects, as well as the Kemess North and other porphyry gold-copper prospects.

Dupont of Canada Ltd. operated the Baker (Chapelle) Mine from 1980 to 1984, with initial reserves of about 91,000 tonnes grading 28 g Au/tonne and 560 g Ag/tonne (100,000 tons grading 0.82 oz Au/ton and 16 oz Ag/ton). Dupont constructed the Sturdee Valley airfield to service the mine.

Cheni Gold Mines Inc. is now producing gold and silver at the epithermal-type Lawyers, Cliff and Al vein deposits, located roughly 44 kilometres north of the Kemess property. Cheni and the

provincial government extended the Omineca Resource Access Road to facilitate mine development and operations.

Sable Mines Ltd. is currently mining the Shas (Shasta) epithermal gold-silver vein-stockwork deposit, located roughly 30 kilometres north of the Kemess South deposit.

Limited porphyry copper-molybdenum exploration was also undertaken throughout the district.

5.2 Property History - Kemess North

In 1966, Kennco Explorations (Western) Limited carried out a regional silt geochemical survey in the vicinity of the New Kemess claims. The following year Kennco staked 100 two post mineral claims to cover an intense gossan with high base metal and silver silt geochemistry.

During the years 1968 to 1971, Kennco carried out exploration work which included:

- soil, silt and rock geochemical sampling
- geological mapping at 1:9,600 scale
- X-Ray diamond drilling totalling 232 metres in 8 holes

During 1975-76, Getty Mines Limited optioned the property from Kennco and carried out work which included:

- claim restaking
- photogrammetric topographic mapping at 1:4,800 scale
- relocation of the mineral claims
- fill in soil geochemical sampling
- geological mapping
- drilling totalling 2,065 metres in 13 holes

El Condor Resources Ltd. optioned the property from Kennco in 1986, and in the period 1986 - 1990 completed the following work:

- * 1986
 - 14.1 km of magnetic survey
 - 351 soil samples
 - relogging and resampling of the 1975 and 1976 drill core
 - 33 rock chip samples

- * 1987
 - 345 rock chip samples

- * 1988
 - 50.5 km of EM-34 resistivity surveying on 3 grids
 - 1.8 km of IP surveying
 - 1,676 soil samples on 3 grids
 - 37 rock chip samples
 - 90 metres of hand trenching

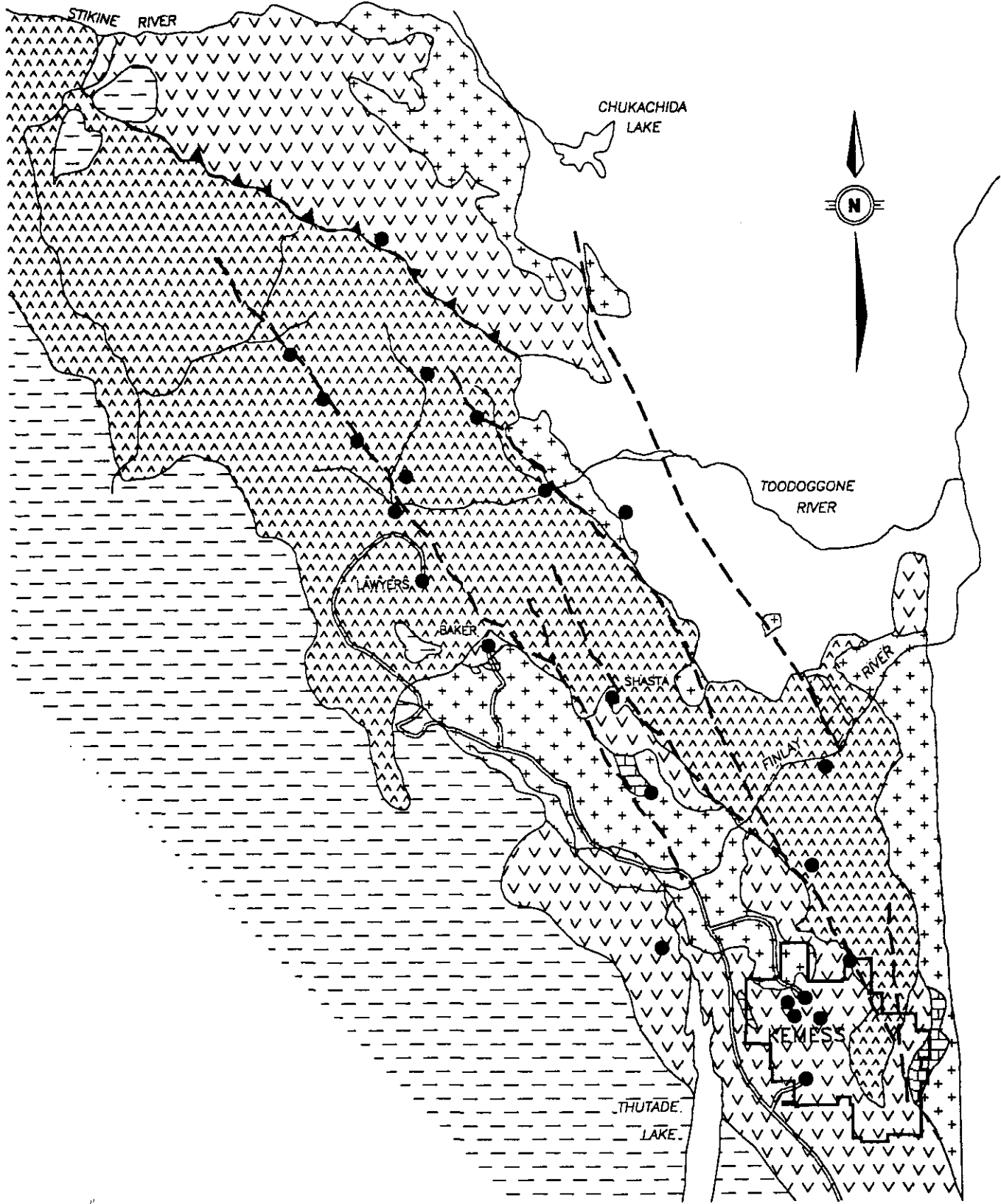
- * 1989
 - 828 soil samples on two grids
 - 385 metres of backhoe trenching
 - 246 lithogeochemical samples from trenches and reconnaissance outcrop sampling
 - 26.35 line kilometres of VLF EM and magnetic surveying
 - 11.8 line kilometres of IP surveying
 - 732 metres of diamond drilling

- * 1990
 - 239 rock chip samples on intervals of roughly 200 metres
 - reconnaissance geological mapping at a scale of 1:10,000
 - diamond drilling of 2,207 metres of NQ core in 12 holes
 - upgrading of the 16 kilometre access road using a bulldozer and backhoe.









6.0 REGIONAL GEOLOGY

6.1 Stratigraphy

The Kemess Creek area is located in the southeast portion of the Toadoggone District of north-central British Columbia. It straddles the approximate boundary between the terranes of Stikinia to the west and Quesnellia to the east. The boundary between the two terranes to the south of the property is defined by the Pinchi and Finlay Fault



LEGEND

- | | | | |
|---|-------------------|---|------------------|
|  | K Sustut Group |  | P Asitka Group |
|  | J Intrusions |  | Road |
|  | J Toodoggonne Fm. |  | Fault |
|  | R Takla Group |  | Mineral Prospect |



| | | | |
|---------------------------------|-----------------|--------------------|-----------|
| EL CONDOR RESOURCES LTD. | | | |
| KEMESS PROJECT | | | |
| REGIONAL GEOLOGY | | | |
| DATE: JUNE 1992 | SCALE: AS SHOWN | DRAWN BY: J. SACRE | FIGURE: 2 |

systems. However, in the vicinity of Kemess Creek, its precise position has not been defined.

A simplified representation of the regional geology of the district is presented as Figure 3 with a regional stratigraphic column listed in Table II.

The majority of the Kemess Creek area is underlain by mafic volcanic rocks of the Upper Triassic to Lower Jurassic Takla Group. These supracrustal rocks have been intruded by a large number of predominantly felsic Omineca Intrusions of Lower to Middle Jurassic age.

To the west of Duncan Lake, carbonate rocks of the Upper Palaeozoic Asitka Group are exposed. Contact relationships between the Asitka and Takla Groups have not yet been firmly established. It is assumed that the Asitka Group sedimentary rocks form the basement sequence upon which the Takla Group volcanic and sedimentary rocks were unconformably deposited. The two groups of rocks are in probable fault contact west of Duncan Lake.

Rocks of the Lower to Middle Jurassic Hazelton Group, the "Toodoggone Formation", lie to the east and north of the Kemess Creek area.

Upper Cretaceous sedimentary members of the subaerial Sustut Group form a southwesterly-thickening blanket which unconformably overlies older rocks in the southern portion of the area.

Pleistocene glaciation has intensively scoured the entire district, and deposited variably thick mantles of till and glaciofluvial material over much of the lower benchland topography. Rugged cirque features with rock glaciers and residual morainic debris are present at the higher elevations.

6.2 Omineca Intrusions

A number of large felsic plutons have been injected into the Takla Group rocks in the Kemess Creek area. These intrusions have caused the formation of several porphyry systems, and a number of skarn and vein-type mineralized showings.

Most of the felsic intrusions form dykes, sills and small stocks, and range in composition from diorite and quartz-diorite through quartz-monzonite with minor syenite to granodiorite. Later minor intrusions of a more mafic composition (gabbro-mafic diorite) have been seen to cut these felsic plutons.

6.3 Metamorphism

Regional metamorphism of the supracrustal rocks in this area is of subgreenschist or zeolite facies. However, over large areas of the Kemess property hydrothermal metasomatism appears to have obliterated the effects of this low grade metamorphism.

Adjacent to intrusions, minor thermal metamorphism and recrystallization has taken place.

6.4 Mineralization

The Toodoggone District is widely known for its precious metal and copper mineralization. Both the Takla and Toodoggone volcanics host epithermal gold and silver mineralization.

Copper-bearing sulphide mineralization occurs dominantly within the Takla Group volcanics. It is fracture controlled, often associated with porphyry dikes and plutons and consists of pyrite, chalcopyrite and molybdenite with associated precious metal values.

In the Kemess Creek area, the Kemess South deposit is hosted by a flat-lying quartz monzodioritic intrusion. Only a minor proportion

of its gold-copper mineralization is present within its adjacent volcanic wall rocks. Conversely, at the Kemess North deposit and at numerous other porphyry-type showings elsewhere in the area, gold-copper mineralization is hosted predominantly by Takla Group volcanic rocks.

Sphalerite and galena mineralization often occurs in the limestone units and skarn zones of the Asitka Group.

Table II
LITHOLOGIC UNITS

(Upper Cretaceous) Sustut Group

- 5 - Sediments & Volcanics
 - a) Sandstone - Greywacke
 - b) Conglomerate
 - c) Basalt
 - d) Siltstone

<UNCONFORMITY>

(Lower to Middle Jurassic)

- 4 - Intrusions
 - a) Gabbro
 - b) Syenite
 - c) Granodiorite
 - d) Tonalite
 - e) Diorite
 - f) Monzonite
 - g) Monzodiorite

<UNCONFORMITY>

(Upper Triassic) Takla Group

- 3 - Subaerial Volcanics
 - a) Polylithic Lapilli Tuff
 - b) Pyroxene - Plagioclase Crystal Tuff
 - c) Feldspar Crystal Lithic Tuff
 - d) Feldspar Crystal Tuff
- 2 - Submarine Volcanics
 - a) Pyroxene Porphyry Flows
 - b) Pyroxene - Plagioclase Porphyry
 - c) Polylithic Lapilli Tuff
 - d) Bladed Feldspar Porphyry
 - e) Feldspar Crystal Lithic Tuff
 - f) Feldspar Crystal Tuff
- 1 - Sedimentary
Rocks (often interbedded within volcanics)
 - a) Chert
 - b) Mudstone
 - c) Siltstone/sandstone
 - d) Greywacke
 - e) Shale/Argillite
 - f) Limestone

The sequence of units does not imply age relationships except in the general sense that units 1 - 3 are older than unit 4 and unit 4 older than unit 5.

7.0 DIAMOND DRILLING - KEMESS NORTH - GOLDEN EAGLE DEPOSIT

7.1 Introduction

A major drill program was carried out on the Kemess North Deposit from Aug. 1 to Nov. 10, 1991. J.T. Thomas Diamond Drilling Ltd. of Smithers, B.C. provided one Longyear Super 38 drill, one D6 bulldozer and one Cat 225 excavator to construct drill access roads, drill pads and to move the drill. The contractor also provided most of the expediting services and managed the camp including electrical power and the kitchen and dry facilities.

This report deals with 9 HQ/NQ diamond drill holes (33, 34, 36, 42, 44, 46, 48, 49, 51) totalling 2640 metres completed on the Kemess North deposit area during the period August to November, 1991. All holes were drilled on 100 metre (square) grid centres. The purpose of this systematic grid drilling was to more fully delineate the deposit which remained open in all directions. Drill Collar data is listed in Table III while collar locations are illustrated in Figure 4. Drill sections 9760 E, 9960 E and 10060 E are illustrated in Figures 5, 6 and 7 respectively. Geological, assay and geotechnical logs are given in Appendix A. Laboratory assay certificates and ICP reports are given in Appendix B.

7.2 Sampling and Assay Procedure

The core was routinely sampled over 2 m long intervals by using a conventional mechanical chisel-type core splitter. Each 2 m interval of longitudinally split core provided approximately 4 kg of sample. Samples were shipped by freight truck to Min-En Laboratories in North Vancouver. At the lab they were jaw crushed to approximately 1/4 inch then roll crushed to - 15 mesh. A 500 g sample was then ground in a ring pulverizer to approximately 95% minus 120 mesh. For gold, one assay ton sized samples underwent a fire assay preconcentration followed by an A.A. finish. Total copper assays and multi-element I.C.P. analyses were also performed. Specific gravity measurements

TABLE III

KEMESS NORTH DEPOSIT
 DRILL HOLE SURVEY DATA
 Universal Coordinate System

file:kncoord2.wq1

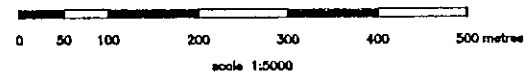
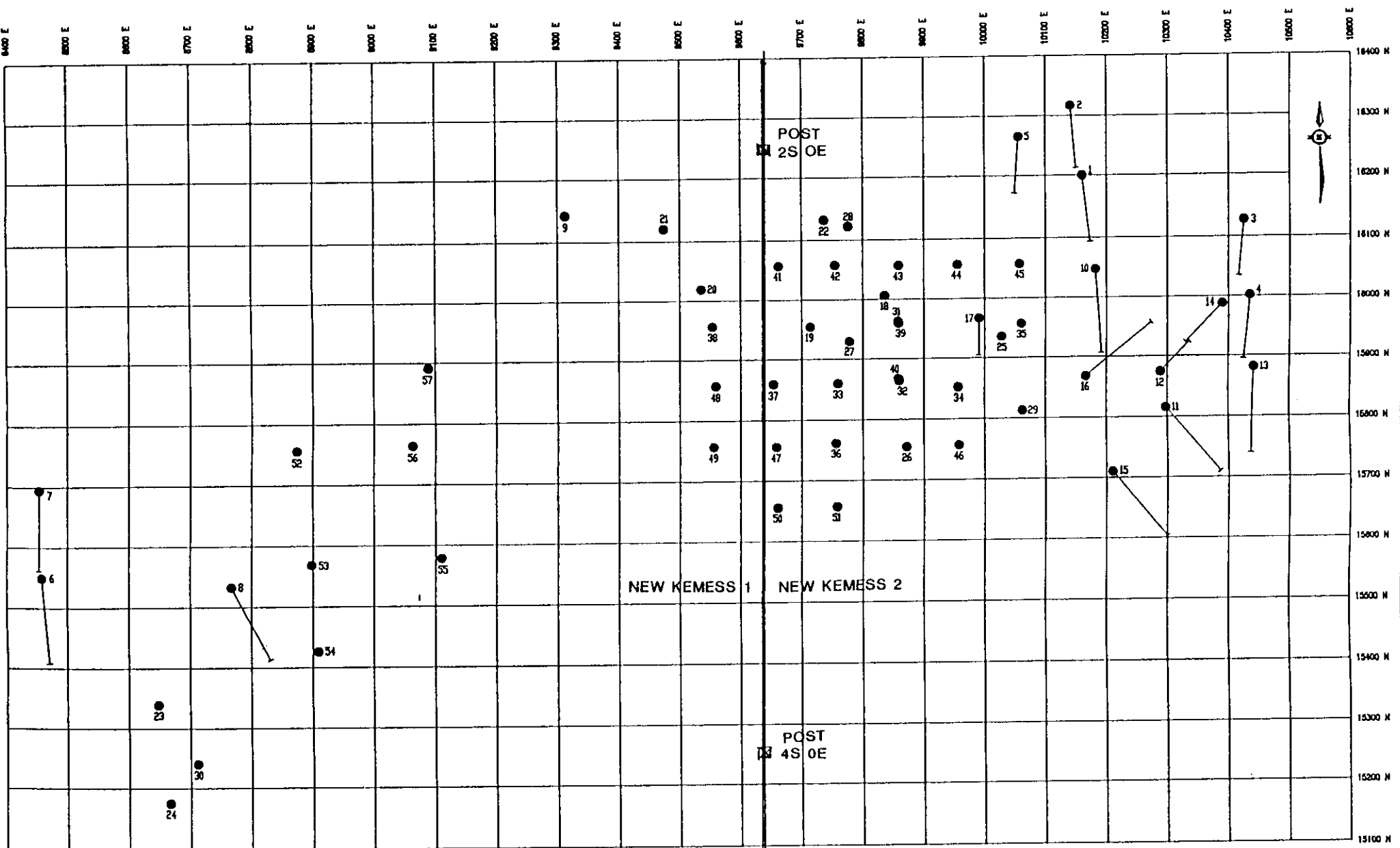
26-May-92

| DRILL HOLE | LENGTH (m) | EASTING (m) | NORTHING (m) | ELEVATION (m) | DISTANCE (m) | AZIMUTH (deg.) | DIP (deg.) | NUMBER SAMPLES |
|------------|------------|-------------|--------------|---------------|--------------|----------------|------------|----------------|
| 33 | 306.93 | 9759.21 | 15859.79 | 1708.04 | 0.00 | 0.0 | -90.0 | 122 |
| 34 | 282.55 | 9956.32 | 15852.58 | 1692.52 | 0.00 | 0.0 | -90.0 | 109 |
| 35 | 282.55 | 10060.13 | 15957.95 | 1686.93 | 0.00 | 0.0 | -90.0 | 179 |
| 36 | 261.62 | 9755.77 | 15761.67 | 1743.19 | 0.00 | 0.0 | -90.0 | 128 |
| 42 | 282.55 | 9754.51 | 16058.39 | 1682.63 | 0.00 | 0.0 | -90.0 | 114 |
| 44 | 270.35 | 9955.17 | 16057.73 | 1665.76 | 0.00 | 0.0 | -90.0 | 98 |
| 45 | 276.45 | 10057.43 | 16058.11 | 1678.51 | 0.00 | 0.0 | -90.0 | 116 |
| 46 | 340.47 | 9957.47 | 15757.07 | 1694.13 | 0.00 | 0.0 | -90.0 | 150 |
| 51 | 337.41 | 9757.67 | 15657.32 | 1738.50 | 0.00 | 0.0 | -90.0 | 159 |

TOTAL #
 HOLES
 9

TOTAL #
 METRES
 2640.88

TOTAL #
 SAMPLES
 1175



| | | | |
|--------------------------|-----|---------|----------|
| EL CONDOR RESOURCES LTD. | | | |
| KEMESS NORTH | | | |
| DRILL HOLE PLAN | | | |
| DATE | BY | CHECKED | APPROVED |
| 11/03/00 | ... | ... | ... |

were routinely performed by Min-En Labs on crushed rejects from samples indicated by El Condor Resources Ltd. geologists. A total of 1175 samples were collected from the 9 drill holes included in this report.

8.0 GEOLOGY - KEMESS NORTH DEPOSIT

8.1 Lithology

8.1.1 General Setting

The Kemess North Deposit area is underlain mainly by Upper Triassic Takla Group volcanic rocks which have been intruded by a discordant body of bladed feldspar porphyry. These rocks are cut by dikes of feldspar porphyritic monzodiorite and lesser felsite of probable Lower Jurassic age. Late post-mineral dikes include feldspar porphyritic syenite and minor mafic varieties.

8.1.2 Takla Group Volcanic Rocks

Takla Group volcanic rocks are comprised mainly of andesitic flows, breccias and tuffs. Flows are commonly pyroxene porphyritic and are characterized by the presence of pyroxene phenocrysts along with plagioclase laths and material which may represent devitrified glass.

Zones of poly lithologic breccia, generally with clasts of pyroxene basalt or andesite, are common. Fine grained tuffs are characterized by their textureless appearance.

Bedding attitudes were rarely observed because of the dominantly massive character of the Takla rocks and also because primary volcanic textures are often completely destroyed by intense hydrothermal alteration. On the geological sections, Takla Group rocks are shown as one undifferentiated unit.

8.1.3 Intrusive Rocks

8.1.3.1 Bladed Feldspar Porphyry

A dioritic bladed feldspar porphyry unit is exposed in the headwall of central cirque and has been intersected in numerous drill holes within the Golden Eagle deposit area. The unit is characterized by plagioclase lath phenocrysts up to 1.5 cm long set in a fine grained, dark green coloured groundmass. The phenocrysts comprise 15-20% of the rock and are generally randomly oriented.

In the drill area, the bladed feldspar porphyry unit structurally overlies Takla Group volcanic rocks.

8.1.3.2 Porphyritic Monzodiorite Dikes

Feldspar porphyritic monzodiorite dikes were intersected in several drill holes. The dikes are characterized by small subhedral phenocrysts of plagioclase, 2-4 mm in size and comprising about 40-50% of the rock, set in a fine grained matrix of plagioclase and minor orthoclase. Less than 10% subrounded quartz grains are present. Dike contacts are frequently marked by hybrid zones (intrusive breccias) which are characterized by xenolithic fragments supported by a matrix of dike material.

8.1.3.3 Post Mineral Dikes

Feldspar porphyritic syenite dikes were intersected in several holes. The dikes contain 15-20% small, subhedral plagioclase phenocrysts set in a pinkish coloured groundmass consisting mainly of fine grained orthoclase, 10-15% chloritized mafics and 5-10% fine grained quartz.

8.2 Structure

8.2.1 The Broken Zone

The dominant structural feature in the Kemess North deposit area is a flat-lying zone of intensely broken rock and multiple gouge zones that extends from surface down to an average depth of about 80 metres.

In the Broken zone, quartz-pyrite veinlets, which locally contain molybdenite and minor chalcopyrite, frequently exhibit a crushed texture. Some gouge zones consist almost entirely of quartz-pyrite "sand".

The syenite dikes remain solid and competent within the Broken Zone and therefore post-date the deformational features described above.

8.2.2 Structures Below Base of Broken Zone

For the most part, structures within the solid rocks consist of minor faults and shears, some of which are healed by chalcopyrite-bearing quartz, fluorite and anhydrite gänge. More commonly, however, chloritic minor structures with associated zones of white carbonate and pink zeolite veining crosscut mineralized veins. In vertical holes, a common shear/fault direction is 20-40° to the core axis.

8.3 Alteration

8.3.1 General Alteration Zones

Alteration is characterized by the development of pervasive, very fine felted secondary biotite in volcanic and bladed feldspar porphyry host rocks, accompanied by a weakly to moderately well developed stockwork of quartz-purple fluorite-purple anhydrite veinlets which contain variable amounts of pyrite, chalcopyrite and magnetite.

Potassic feldspar is also present in the biotite zone as envelopes on fractures and veinlets and in local zones of flooding.

Outwards from the biotite zone, a propylitic assemblage of chlorite, carbonate, zeolite and minor epidote predominates. Chlorite is moderately pervasive, whereas carbonate and zeolite occur as veinlets and stockworks. Epidote is present in some carbonate veinlets. The more intense propylitic alteration is associated with zones of minor shearing and faulting.

Propylitized rocks also contain minor amounts of quartz as veinlets,

sericite and clay as groundmass components admixed with pervasive chlorite and potassic feldspar as envelopes on quartz and carbonate veins. Sericite also occurs as local envelopes to quartz veins and chloritic shears.

White gypsum - anhydrite veining is moderately well developed over an interval of several tens of metres immediately below the base of the Broken Zone. Elsewhere below the Broken Zone, its distribution is variable.

8.3.2 Silica - Magnetite Zone

A 30 metre thick zone of intense silica - magnetite flooding was intersected in holes 91-37. The zone consists of about 50-60 % silica and 20-30% magnetite. The remainder consists of later quartz and fluorite veins and sulphides (mainly pyrite). It is in contact with and partly overlaps into dike(s) of porphyritic monzodiorite. Banded silica - magnetite texture at 30-40° to the core axis occurs locally.

8.4 Mineralization

8.4.1 Broken Zone

The Upper (Broken) Zone is relatively flat-lying, undulating and approximately 60 metres in thickness. Mineralization consists of pyrite and lesser amounts of chalcopyrite, chalcocite (digenite?), covellite and molybdenite.

8.4.2 Lower Zone

In the lower Cu-Au Zone mineralization consists of 2-3% pyrite and lesser amounts of chalcopyrite and molybdenite. Pyrite occurs as disseminations, fracture fillings, veins up to a few centimetres wide and in quartz - fluorite - anhydrite - magnetite veins and localized zones of flooding. Chalcopyrite's mode of occurrence is similar, except that veinlets are rare and significant disseminations occurs

mainly in zones of better stockwork development. Dominant vein directions in vertical holes are sub-vertical and at 20-40° to the core axis.

9.0 KEMESS NORTH DEPOSIT - CONCLUSIONS

The Kemess North area represents an extremely large auriferous hydrothermal system. Alteration style, structural complexity and numerous subvolcanic intrusives suggest the system is a relatively high level porphyry - type deposit. Additional delineation and infill drilling is planned for 1992.

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STATEMENT OF COSTS

KEMESS NORTH DEPOSIT - 1991

| | Total |
|--|---------------------|
| Kemess North Drilling (New Kemess 1 + 2 Claims) | |
| J.T. Thomas Drilling(Sept. 10 to Oct. 30, 1991) 2640 Metres of Drilling at \$85.00 metre (9 Drill Holes) | \$224,400.00 |
| Geologist 26 Days at \$350.00 Day | \$9,100.00 |
| Technician 26 Days at \$200.00 Days | \$5,200.00 |
| Room and Board 52 Man Days at \$75.00 Man Day | \$3,900.00 |
| Min-en Labs Analytical Costs 1175 Samples at \$13.00 per sample | \$15,275.00 |
| Mob/Demob Cost | |
| Truck Rental 26 Days at \$65.00 Day | \$1,690.00 |
| | <hr/> |
| TOTAL EXPLORATION COSTS CLAIMED | \$259,565.00 |

STATEMENT OF QUALIFICATIONS

I, David J. Copeland, of the City of Vancouver, Province of British Columbia, DO HEREBY CERTIFY THAT:

- 1) I am a Consulting Geological Engineer with a business office at Suite 920 - 1188 West Georgia Street, Vancouver, British Columbia.
- 2) I am a graduate in Economic Geology with a Bachelor of Science degree from the University of British Columbia in 1970.
- 3) I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.
- 4) Since graduation I have been engaged in mineral exploration and mine development in Canada, United States of America, South America and Australasia.
- 5) I am Vice-President of El Condor Resources Ltd. and own shares in El Condor Resources Ltd.
- 6) I directed the 1991 exploration program on the subject property, attended to the site, and authored this report which documents the results of the program..

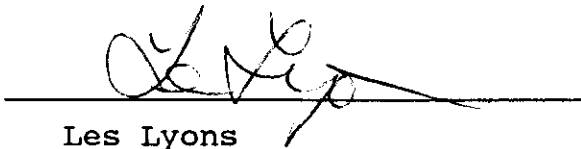

D.J. Copeland, P.Eng.

Dated at Vancouver, British Columbia, this 23rd day of July, 1992.

STATEMENT OF QUALIFICATIONS

I, Les Lyons, of the City of Vancouver, Province of British Columbia,
DO HEREBY CERTIFY THAT:

- 1) I am a geologist residing at 1 - 2416 West 7th Ave.,
Vancouver B.C.
- 2) I am a graduate from University of British Columbia,
Vancouver, B.C. with a B.Sc. in Geology (1984)
- 3) I have worked in mineral exploration since 1983 and
practised my profession since 1984.
- 4) I was employed on the Kemess Project during the 1991 field season.



Les Lyons

Dated at Vancouver, British Columbia, this 23rd day of July, 1992.

STATEMENT OF QUALIFICATIONS

I, Les Demczuk, of the City of Vancouver, Province of British Columbia,
DO HEREBY CERTIFY THAT:

- 1) I am a Mining Geological Engineer residing at 1835 East 13th Avenue, Vancouver, British Columbia.
- 2) I am a graduate from University of Mining and Metallurgy, Krakow, Poland in 1977 with M. Sc. (honours) in Mining Geology.
- 3) I have worked in mineral and coal exploration since 1977 and have practised my profession since 1977.
- 4) I am a registered Fellow of the Geological Association of Canada
- 5) I was employed on the Kemess Project during the 1991 field season.

Les Demczuk

Dated at Vancouver, British Columbia, this 23rd day of July, 1992.

EL CONDOR RESOURCES LTD.
ASSESSMENT REPORT - 1991 EXPLORATION PROGRAM
KEMESS PROJECT

APPENDIX A
DIAMOND DRILL DATA - KEMESS NORTH DEPOSIT

KEMESS PROJECT - KEMESS NORTH DEPOSIT

29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 33 | 11.18 | 14.33 | 3.15 | 34194 | 0.25 | 0.024 | 0.27 | 2.49 |
| 33 | 14.33 | 17.37 | 3.04 | 34195 | 0.26 | 0.035 | 0.29 | NS |
| 33 | 17.37 | 20.42 | 3.05 | 34196 | 0.24 | 0.041 | 0.28 | NS |
| 33 | 20.42 | 23.46 | 3.04 | 34197 | 0.17 | 0.040 | 0.21 | NS |
| 33 | 23.46 | 26.52 | 3.06 | 34198 | 0.43 | 0.076 | 0.51 | 2.66 |
| 33 | 26.52 | 29.53 | 3.01 | 34199 | 0.10 | 0.135 | 0.23 | NS |
| 33 | 29.53 | 32.61 | 3.08 | 34200 | 0.28 | 0.269 | 0.55 | NS |
| 33 | 32.61 | 35.66 | 3.05 | 34201 | 0.30 | 0.223 | 0.52 | NS |
| 33 | 35.66 | 41.76 | 6.10 | 34202 | 0.31 | 0.222 | 0.53 | 2.70 |
| 33 | 41.76 | 44.81 | 3.05 | 34203 | 0.37 | 0.259 | 0.63 | NS |
| 33 | 44.81 | 47.85 | 3.04 | 34204 | 0.46 | 0.325 | 0.79 | NS |
| 33 | 47.85 | 50.90 | 3.05 | 34205 | 0.25 | 0.197 | 0.45 | NS |
| 33 | 50.90 | 57.00 | 6.10 | 34206 | 0.27 | 0.175 | 0.44 | 2.72 |
| 33 | 57.00 | 60.05 | 3.05 | 34207 | 0.14 | 0.104 | 0.24 | NS |
| 33 | 60.05 | 63.09 | 3.04 | 34208 | 0.25 | 0.178 | 0.43 | NS |
| 33 | 63.09 | 66.14 | 3.05 | 34209 | 0.27 | 0.164 | 0.43 | NS |
| 33 | 66.14 | 72.24 | 6.10 | 34210 | 0.34 | 0.207 | 0.55 | 2.77 |
| 33 | 72.24 | 75.28 | 3.04 | 34211 | 0.42 | 0.161 | 0.58 | NS |
| 33 | 75.28 | 76.80 | 1.52 | 34212 | 0.40 | 0.190 | 0.59 | NS |
| 33 | 76.80 | 78.33 | 1.53 | 34213 | 0.32 | 0.149 | 0.47 | NS |
| 33 | 78.33 | 81.38 | 3.05 | 34214 | 0.67 | 0.294 | 0.96 | 2.66 |
| 33 | 81.38 | 84.43 | 3.05 | 34215 | 0.84 | 0.376 | 1.22 | NS |
| 33 | 84.43 | 86.26 | 1.83 | 34216 | 0.27 | 0.147 | 0.42 | NS |
| 33 | 86.26 | 89.00 | 2.74 | 34217 | 0.37 | 0.218 | 0.59 | NS |
| 33 | 89.00 | 93.53 | 4.53 | 34218 | 0.45 | 0.267 | 0.72 | 2.65 |
| 33 | 93.53 | 96.62 | 3.09 | 34219 | 0.31 | 0.204 | 0.51 | NS |
| 33 | 96.62 | 102.71 | 6.09 | 34220 | 0.61 | 0.290 | 0.90 | NS |
| 33 | 102.71 | 108.81 | 6.10 | 34221 | 0.51 | 0.254 | 0.76 | NS |
| 33 | 108.81 | 117.96 | 9.15 | 34222 | 0.28 | 0.174 | 0.45 | 2.75 |
| 33 | 117.96 | 121.01 | 3.05 | 34223 | 0.27 | 0.139 | 0.41 | NS |
| 33 | 121.01 | 124.00 | 2.99 | 34224 | 0.51 | 0.225 | 0.74 | NS |
| 33 | 124.00 | 126.00 | 2.00 | 34225 | 0.43 | 0.197 | 0.63 | NS |
| 33 | 126.00 | 128.00 | 2.00 | 34226 | 0.66 | 0.270 | 0.93 | 2.82 |
| 33 | 128.00 | 130.00 | 2.00 | 34227 | 0.51 | 0.208 | 0.72 | NS |
| 33 | 130.00 | 132.00 | 2.00 | 34228 | 0.50 | 0.241 | 0.74 | NS |
| 33 | 132.00 | 134.00 | 2.00 | 34229 | 0.51 | 0.212 | 0.72 | NS |
| 33 | 134.00 | 136.00 | 2.00 | 34230 | 0.60 | 0.226 | 0.83 | 2.86 |
| 33 | 136.00 | 138.00 | 2.00 | 34231 | 0.56 | 0.251 | 0.81 | NS |
| 33 | 138.00 | 140.00 | 2.00 | 34232 | 0.53 | 0.235 | 0.76 | NS |
| 33 | 140.00 | 142.00 | 2.00 | 34233 | 0.68 | 0.258 | 0.94 | NS |
| 33 | 142.00 | 144.00 | 2.00 | 34234 | 0.38 | 0.148 | 0.53 | 2.81 |
| 33 | 144.00 | 146.00 | 2.00 | 34235 | 0.56 | 0.220 | 0.78 | NS |
| 33 | 146.00 | 148.00 | 2.00 | 34236 | 0.30 | 0.137 | 0.44 | NS |
| 33 | 148.00 | 150.00 | 2.00 | 34237 | 0.39 | 0.127 | 0.52 | NS |
| 33 | 150.00 | 152.00 | 2.00 | 34238 | 0.34 | 0.160 | 0.50 | 2.78 |
| 33 | 152.00 | 154.00 | 2.00 | 34239 | 0.23 | 0.185 | 0.41 | NS |
| 33 | 154.00 | 156.00 | 2.00 | 34240 | 0.38 | 0.135 | 0.51 | NS |
| 33 | 156.00 | 158.00 | 2.00 | 34241 | 0.31 | 0.142 | 0.45 | NS |
| 33 | 158.00 | 160.00 | 2.00 | 34242 | 0.27 | 0.147 | 0.42 | 2.75 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT

29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 33 | 160.00 | 162.00 | 2.00 | 34243 | 0.24 | 0.158 | 0.40 | NS |
| 33 | 162.00 | 164.00 | 2.00 | 34244 | 0.16 | 0.101 | 0.26 | NS |
| 33 | 164.00 | 166.00 | 2.00 | 34245 | 0.29 | 0.148 | 0.44 | NS |
| 33 | 166.00 | 168.00 | 2.00 | 34246 | 0.18 | 0.092 | 0.27 | 2.77 |
| 33 | 168.00 | 170.00 | 2.00 | 34247 | 0.25 | 0.175 | 0.43 | NS |
| 33 | 170.00 | 172.00 | 2.00 | 34248 | 0.23 | 0.091 | 0.32 | NS |
| 33 | 172.00 | 174.00 | 2.00 | 34249 | 0.32 | 0.151 | 0.47 | NS |
| 33 | 174.00 | 176.00 | 2.00 | 34250 | 0.37 | 0.171 | 0.54 | 2.76 |
| 33 | 176.00 | 178.00 | 2.00 | 34251 | 0.34 | 0.164 | 0.50 | NS |
| 33 | 178.00 | 180.00 | 2.00 | 34252 | 0.42 | 0.233 | 0.65 | NS |
| 33 | 180.00 | 182.00 | 2.00 | 34253 | 0.51 | 0.259 | 0.77 | NS |
| 33 | 182.00 | 184.00 | 2.00 | 34254 | 0.49 | 0.201 | 0.69 | 2.78 |
| 33 | 184.00 | 186.00 | 2.00 | 34255 | 0.65 | 0.257 | 0.91 | NS |
| 33 | 186.00 | 188.00 | 2.00 | 34256 | 0.38 | 0.156 | 0.54 | NS |
| 33 | 188.00 | 190.00 | 2.00 | 34257 | 0.52 | 0.240 | 0.76 | NS |
| 33 | 190.00 | 192.00 | 2.00 | 34258 | 0.40 | 0.233 | 0.63 | 2.77 |
| 33 | 192.00 | 194.00 | 2.00 | 34259 | 0.51 | 0.263 | 0.77 | NS |
| 33 | 194.00 | 196.00 | 2.00 | 34260 | 0.40 | 0.211 | 0.61 | NS |
| 33 | 196.00 | 198.00 | 2.00 | 34261 | 0.61 | 0.280 | 0.89 | NS |
| 33 | 198.00 | 200.00 | 2.00 | 34262 | 0.70 | 0.397 | 1.10 | 2.81 |
| 33 | 200.00 | 202.00 | 2.00 | 34263 | 0.37 | 0.279 | 0.65 | NS |
| 33 | 202.00 | 204.00 | 2.00 | 34264 | 0.51 | 0.301 | 0.81 | NS |
| 33 | 204.00 | 205.85 | 1.85 | 34265 | 0.57 | 0.225 | 0.80 | NS |
| 33 | 205.85 | 208.23 | 2.38 | 34266 | 0.19 | 0.116 | 0.31 | 2.80 |
| 33 | 208.23 | 210.00 | 1.77 | 34267 | 0.51 | 0.246 | 0.76 | NS |
| 33 | 210.00 | 212.00 | 2.00 | 34268 | 0.60 | 0.284 | 0.88 | NS |
| 33 | 212.00 | 214.00 | 2.00 | 34269 | 0.50 | 0.224 | 0.72 | NS |
| 33 | 214.00 | 216.00 | 2.00 | 34270 | 0.47 | 0.155 | 0.63 | 2.81 |
| 33 | 216.00 | 218.00 | 2.00 | 34271 | 0.49 | 0.210 | 0.70 | NS |
| 33 | 218.00 | 220.00 | 2.00 | 34272 | 0.68 | 0.332 | 1.01 | NS |
| 33 | 220.00 | 222.00 | 2.00 | 34273 | 0.41 | 0.201 | 0.61 | NS |
| 33 | 222.00 | 224.00 | 2.00 | 34274 | 0.42 | 0.244 | 0.66 | 2.76 |
| 33 | 224.00 | 226.00 | 2.00 | 34275 | 0.37 | 0.182 | 0.55 | NS |
| 33 | 226.00 | 228.00 | 2.00 | 34276 | 0.41 | 0.205 | 0.62 | NS |
| 33 | 228.00 | 230.00 | 2.00 | 34277 | 0.50 | 0.245 | 0.75 | NS |
| 33 | 230.00 | 232.00 | 2.00 | 34278 | 0.40 | 0.193 | 0.59 | 2.89 |
| 33 | 232.00 | 234.00 | 2.00 | 34279 | 0.37 | 0.204 | 0.57 | NS |
| 33 | 234.00 | 236.00 | 2.00 | 34280 | 0.35 | 0.187 | 0.54 | NS |
| 33 | 236.00 | 238.00 | 2.00 | 34281 | 0.66 | 0.315 | 0.98 | NS |
| 33 | 238.00 | 240.00 | 2.00 | 34282 | 0.51 | 0.269 | 0.78 | 2.86 |
| 33 | 240.00 | 242.00 | 2.00 | 34283 | 0.68 | 0.305 | 0.99 | NS |
| 33 | 242.00 | 244.00 | 2.00 | 34284 | 0.42 | 0.164 | 0.58 | NS |
| 33 | 244.00 | 246.00 | 2.00 | 34285 | 0.63 | 0.149 | 0.78 | NS |
| 33 | 246.00 | 248.00 | 2.00 | 34286 | 0.58 | 0.308 | 0.89 | 2.89 |
| 33 | 248.00 | 250.00 | 2.00 | 34287 | 0.43 | 0.228 | 0.66 | NS |
| 33 | 250.00 | 252.00 | 2.00 | 34288 | 0.41 | 0.245 | 0.65 | NS |
| 33 | 252.00 | 254.00 | 2.00 | 34289 | 0.65 | 0.294 | 0.94 | NS |
| 33 | 254.00 | 256.00 | 2.00 | 34290 | 0.48 | 0.247 | 0.73 | 2.79 |
| 33 | 256.00 | 258.00 | 2.00 | 34291 | 0.41 | 0.214 | 0.62 | NS |

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GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 33 | 258.00 | 260.00 | 2.00 | 34292 | 0.27 | 0.124 | 0.39 | NS |
| 33 | 260.00 | 262.00 | 2.00 | 34293 | 0.32 | 0.116 | 0.44 | NS |
| 33 | 262.00 | 264.00 | 2.00 | 34294 | 0.25 | 0.101 | 0.35 | 2.84 |
| 33 | 264.00 | 266.00 | 2.00 | 34295 | 0.50 | 0.214 | 0.71 | NS |
| 33 | 266.00 | 268.00 | 2.00 | 34296 | 0.42 | 0.150 | 0.57 | NS |
| 33 | 268.00 | 270.00 | 2.00 | 34297 | 0.41 | 0.127 | 0.54 | NS |
| 33 | 270.00 | 272.00 | 2.00 | 34298 | 0.49 | 0.194 | 0.68 | 2.90 |
| 33 | 272.00 | 274.00 | 2.00 | 34299 | 0.32 | 0.129 | 0.45 | NS |
| 33 | 274.00 | 276.00 | 2.00 | 34300 | 0.34 | 0.131 | 0.47 | NS |
| 33 | 276.00 | 278.00 | 2.00 | 34301 | 0.44 | 0.212 | 0.65 | NS |
| 33 | 278.00 | 280.00 | 2.00 | 34302 | 0.41 | 0.213 | 0.62 | 2.93 |
| 33 | 280.00 | 282.00 | 2.00 | 34303 | 0.56 | 0.187 | 0.75 | NS |
| 33 | 282.00 | 284.00 | 2.00 | 34304 | 0.38 | 0.180 | 0.56 | NS |
| 33 | 284.00 | 286.00 | 2.00 | 34305 | 0.46 | 0.183 | 0.64 | NS |
| 33 | 286.00 | 288.00 | 2.00 | 34306 | 0.23 | 0.175 | 0.41 | 2.90 |
| 33 | 288.00 | 290.00 | 2.00 | 34307 | 0.50 | 0.136 | 0.64 | NS |
| 33 | 290.00 | 292.00 | 2.00 | 34308 | 0.27 | 0.197 | 0.47 | NS |
| 33 | 292.00 | 294.00 | 2.00 | 34309 | 0.36 | 0.199 | 0.56 | NS |
| 33 | 294.00 | 296.00 | 2.00 | 34310 | 0.27 | 0.183 | 0.45 | 2.86 |
| 33 | 296.00 | 298.00 | 2.00 | 34311 | 0.31 | 0.204 | 0.51 | NS |
| 33 | 298.00 | 300.00 | 2.00 | 34312 | 0.22 | 0.129 | 0.35 | NS |
| 33 | 300.00 | 302.00 | 2.00 | 34313 | 0.27 | 0.185 | 0.46 | NS |
| 33 | 302.00 | 304.00 | 2.00 | 34314 | 0.26 | 0.186 | 0.45 | 2.90 |
| 33 | 304.00 | 306.93 | 2.93 | 34315 | 0.21 | 0.144 | 0.35 | NS |

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 DRILL HOLE ANALYTICAL DATA

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GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|-------------|----------|--------|--------------|---------------|------------|-------|-------------|------------|
| 34 | 9.10 | 11.28 | 2.18 | 34316 | 0.21 | 0.105 | 0.31 | 2.60 |
| 34 | 11.28 | 12.80 | 1.52 | 34317 | 0.23 | 0.130 | 0.36 | NS |
| 34 | 12.80 | 14.33 | 1.53 | 34318 | 0.28 | 0.081 | 0.36 | NS |
| 34 | 14.33 | 26.52 | 12.19 | 34319 | 0.26 | 0.157 | 0.42 | NS |
| 34 | 26.52 | 32.61 | 6.09 | 34320 | 0.27 | 0.291 | 0.56 | 2.65 |
| 34 | 32.61 | 41.76 | 9.15 | 34321 | 0.33 | 0.364 | 0.69 | NS |
| 34 | 41.76 | 47.85 | 6.09 | 34322 | 0.21 | 0.207 | 0.42 | NS |
| 34 | 47.85 | 50.90 | 3.05 | NS | NS | NS | NS | NS |
| 34 | 50.90 | 53.95 | 3.05 | 34323 | 0.30 | 0.322 | 0.62 | NS |
| 34 | 53.95 | 57.00 | 3.05 | 34324 | 0.15 | 0.460 | 0.61 | 2.70 |
| 34 | 57.00 | 66.14 | 9.14 | 34325 | 0.43 | 0.505 | 0.94 | NS |
| 34 | 66.14 | 72.24 | 6.10 | NS | NS | NS | NS | NS |
| 34 | 72.24 | 75.29 | 3.05 | 34326 | 0.48 | 0.236 | 0.72 | NS |
| 34 | 75.29 | 87.48 | 12.19 | NS | NS | NS | NS | NS |
| 34 | 87.48 | 91.00 | 3.52 | 34327 | 0.35 | 0.159 | 0.51 | NS |
| 34 | 91.00 | 92.00 | 1.00 | 34328 | 0.39 | 0.176 | 0.57 | 2.79 |
| 34 | 92.00 | 94.00 | 2.00 | 34329 | 0.41 | 0.101 | 0.51 | NS |
| 34 | 94.00 | 96.00 | 2.00 | 34330 | 0.40 | 0.161 | 0.56 | NS |
| 34 | 96.00 | 98.00 | 2.00 | 34331 | 0.30 | 0.106 | 0.41 | NS |
| 34 | 98.00 | 100.00 | 2.00 | 34332 | 0.15 | 0.061 | 0.21 | 2.97 |
| 34 | 100.00 | 102.00 | 2.00 | 34333 | 0.43 | 0.201 | 0.63 | NS |
| 34 | 102.00 | 104.00 | 2.00 | 34334 | 0.22 | 0.231 | 0.45 | NS |
| 34 | 104.00 | 106.00 | 2.00 | 34335 | 0.51 | 0.238 | 0.75 | NS |
| 34 | 106.00 | 108.00 | 2.00 | 34336 | 0.43 | 0.197 | 0.63 | 2.85 |
| 34 | 108.00 | 110.00 | 2.00 | 34337 | 0.28 | 0.142 | 0.42 | NS |
| 34 | 110.00 | 112.00 | 2.00 | 34338 | 0.25 | 0.107 | 0.36 | NS |
| 34 | 112.00 | 114.00 | 2.00 | 34339 | 0.17 | 0.077 | 0.25 | NS |
| 34 | 114.00 | 116.00 | 2.00 | 34340 | 0.38 | 0.144 | 0.52 | 2.87 |
| 34 | 116.00 | 118.00 | 2.00 | 34341 | 0.20 | 0.086 | 0.29 | NS |
| 34 | 118.00 | 120.00 | 2.00 | 34342 | 0.45 | 0.166 | 0.62 | NS |
| 34 | 120.00 | 122.00 | 2.00 | 34343 | 0.21 | 0.109 | 0.32 | NS |
| 34 | 122.00 | 124.00 | 2.00 | 34344 | 0.23 | 0.098 | 0.33 | 2.90 |
| 34 | 124.00 | 126.00 | 2.00 | 34345 | 0.43 | 0.134 | 0.56 | NS |
| 34 | 126.00 | 128.00 | 2.00 | 34346 | 0.90 | 0.317 | 1.22 | NS |
| 34 | 128.00 | 130.00 | 2.00 | 34347 | 0.29 | 0.086 | 0.38 | NS |
| 34 | 130.00 | 132.00 | 2.00 | 34348 | 0.30 | 0.119 | 0.42 | 2.95 |
| 34 | 132.00 | 134.00 | 2.00 | 34349 | 0.31 | 0.139 | 0.45 | NS |
| 34 | 134.00 | 136.00 | 2.00 | 34350 | 0.40 | 0.172 | 0.57 | NS |
| 34 | 136.00 | 138.00 | 2.00 | 34351 | 0.27 | 0.113 | 0.38 | NS |
| 34 | 138.00 | 140.00 | 2.00 | 34352 | 0.24 | 0.100 | 0.34 | 2.86 |
| 34 | 140.00 | 142.00 | 2.00 | 34353 | 0.23 | 0.092 | 0.32 | NS |
| 34 | 142.00 | 144.00 | 2.00 | 34354 | 0.29 | 0.099 | 0.39 | NS |
| 34 | 144.00 | 146.00 | 2.00 | 34355 | 0.42 | 0.171 | 0.59 | NS |
| 34 | 146.00 | 148.00 | 2.00 | 34356 | 0.28 | 0.117 | 0.40 | 2.87 |
| 34 | 148.00 | 150.00 | 2.00 | 34357 | 0.23 | 0.113 | 0.34 | NS |
| 34 | 150.00 | 152.00 | 2.00 | 34358 | 0.29 | 0.121 | 0.41 | NS |
| 34 | 152.00 | 154.00 | 2.00 | 34359 | 0.25 | 0.107 | 0.36 | NS |
| 34 | 154.00 | 156.00 | 2.00 | 34360 | 0.21 | 0.092 | 0.30 | 2.80 |
| 34 | 156.00 | 158.00 | 2.00 | 34361 | 0.30 | 0.146 | 0.45 | NS |

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GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 34 | 158.00 | 160.00 | 2.00 | 34362 | 0.31 | 0.156 | 0.47 | NS |
| 34 | 160.00 | 162.00 | 2.00 | 34363 | 0.41 | 0.195 | 0.61 | NS |
| 34 | 162.00 | 164.00 | 2.00 | 34364 | 0.36 | 0.110 | 0.47 | 2.84 |
| 34 | 164.00 | 166.00 | 2.00 | 34365 | 0.32 | 0.113 | 0.43 | NS |
| 34 | 166.00 | 168.00 | 2.00 | 34366 | 0.50 | 0.179 | 0.68 | NS |
| 34 | 168.00 | 170.00 | 2.00 | 34367 | 0.48 | 0.150 | 0.63 | NS |
| 34 | 170.00 | 172.00 | 2.00 | 34368 | 0.30 | 0.118 | 0.42 | 2.90 |
| 34 | 172.00 | 174.00 | 2.00 | 34369 | NS | NS | NS | NS |
| 34 | 174.00 | 176.00 | 2.00 | 34370 | 0.56 | 0.231 | 0.79 | NS |
| 34 | 176.00 | 178.00 | 2.00 | 34371 | 0.29 | 0.144 | 0.43 | NS |
| 34 | 178.00 | 180.00 | 2.00 | 34372 | 0.34 | 0.155 | 0.50 | 2.79 |
| 34 | 180.00 | 182.00 | 2.00 | 34373 | 0.27 | 0.112 | 0.38 | NS |
| 34 | 182.00 | 184.00 | 2.00 | 34374 | 0.22 | 0.115 | 0.34 | NS |
| 34 | 184.00 | 186.00 | 2.00 | 34375 | 0.21 | 0.129 | 0.34 | NS |
| 34 | 186.00 | 188.00 | 2.00 | 34376 | 0.31 | 0.133 | 0.44 | 2.78 |
| 34 | 188.00 | 190.00 | 2.00 | 34377 | 0.22 | 0.117 | 0.34 | NS |
| 34 | 190.00 | 192.00 | 2.00 | 34378 | 0.82 | 0.230 | 1.05 | NS |
| 34 | 192.00 | 194.00 | 2.00 | 34379 | 0.23 | 0.152 | 0.38 | NS |
| 34 | 194.00 | 196.00 | 2.00 | 34380 | 0.38 | 0.147 | 0.53 | 2.83 |
| 34 | 196.00 | 198.00 | 2.00 | 34381 | 0.40 | 0.182 | 0.58 | NS |
| 34 | 198.00 | 200.00 | 2.00 | 34382 | 0.34 | 0.113 | 0.45 | NS |
| 34 | 200.00 | 202.00 | 2.00 | 34383 | 0.29 | 0.196 | 0.49 | NS |
| 34 | 202.00 | 204.00 | 2.00 | 34384 | 0.36 | 0.214 | 0.57 | 2.83 |
| 34 | 204.00 | 206.00 | 2.00 | 34385 | 0.61 | 0.313 | 0.92 | NS |
| 34 | 206.00 | 208.00 | 2.00 | 34386 | 1.16 | 0.479 | 1.64 | NS |
| 34 | 208.00 | 210.00 | 2.00 | 34387 | 0.52 | 0.193 | 0.71 | NS |
| 34 | 210.00 | 212.00 | 2.00 | 34388 | 0.80 | 0.200 | 1.00 | 2.86 |
| 34 | 212.00 | 214.00 | 2.00 | 34389 | 0.46 | 0.165 | 0.63 | NS |
| 34 | 214.00 | 215.00 | 1.00 | 34390 | 0.41 | 0.162 | 0.57 | NS |
| 34 | 215.00 | 217.00 | 2.00 | 34391 | 0.59 | 0.242 | 0.83 | NS |
| 34 | 217.00 | 219.00 | 2.00 | 34392 | 0.33 | 0.191 | 0.52 | 2.74 |
| 34 | 219.00 | 221.00 | 2.00 | 34393 | 0.19 | 0.092 | 0.28 | NS |
| 34 | 221.00 | 223.00 | 2.00 | 34394 | 0.21 | 0.139 | 0.35 | NS |
| 34 | 223.00 | 225.00 | 2.00 | 34395 | 0.30 | 0.185 | 0.49 | NS |
| 34 | 225.00 | 227.00 | 2.00 | 34396 | 0.32 | 0.180 | 0.50 | 2.74 |
| 34 | 227.00 | 229.00 | 2.00 | 34397 | 0.51 | 0.216 | 0.73 | NS |
| 34 | 229.00 | 231.00 | 2.00 | 34398 | 0.40 | 0.232 | 0.63 | NS |
| 34 | 231.00 | 233.00 | 2.00 | 34399 | 0.36 | 0.191 | 0.55 | NS |
| 34 | 233.00 | 235.00 | 2.00 | 34400 | 0.31 | 0.292 | 0.60 | 2.76 |
| 34 | 235.00 | 237.00 | 2.00 | 34401 | 1.12 | 0.564 | 1.68 | NS |
| 34 | 237.00 | 239.00 | 2.00 | 34402 | 0.40 | 0.168 | 0.57 | NS |
| 34 | 239.00 | 241.00 | 2.00 | 34403 | 0.12 | 0.087 | 0.21 | NS |
| 34 | 241.00 | 243.00 | 2.00 | 34404 | 0.19 | 0.113 | 0.30 | 2.71 |
| 34 | 243.00 | 245.00 | 2.00 | 34405 | 0.43 | 0.236 | 0.67 | NS |
| 34 | 245.00 | 247.00 | 2.00 | 34406 | 0.41 | 0.250 | 0.66 | NS |
| 34 | 247.00 | 249.00 | 2.00 | 34407 | 0.11 | 0.078 | 0.19 | NS |
| 34 | 249.00 | 251.00 | 2.00 | 34408 | 0.29 | 0.173 | 0.46 | 2.78 |
| 34 | 251.00 | 253.00 | 2.00 | 34409 | 0.30 | 0.181 | 0.48 | NS |
| 34 | 253.00 | 255.00 | 2.00 | 34410 | 0.15 | 0.094 | 0.24 | NS |

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GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 34 | 255.00 | 257.00 | 2.00 | 34411 | 0.20 | 0.062 | 0.26 | NS |
| 34 | 257.00 | 259.00 | 2.00 | 34412 | 0.12 | 0.070 | 0.19 | 2.69 |
| 34 | 259.00 | 261.00 | 2.00 | 34413 | 0.66 | 0.075 | 0.74 | NS |
| 34 | 261.00 | 263.00 | 2.00 | 34414 | 0.36 | 0.171 | 0.53 | NS |
| 34 | 263.00 | 265.00 | 2.00 | 34415 | 0.31 | 0.172 | 0.48 | NS |
| 34 | 265.00 | 267.00 | 2.00 | 34416 | 0.27 | 0.179 | 0.45 | 2.72 |
| 34 | 267.00 | 269.00 | 2.00 | 34417 | 0.24 | 0.130 | 0.37 | NS |
| 34 | 269.00 | 271.00 | 2.00 | 34418 | 0.13 | 0.079 | 0.21 | NS |
| 34 | 271.00 | 273.00 | 2.00 | 34419 | 0.10 | 0.054 | 0.15 | NS |
| 34 | 273.00 | 275.00 | 2.00 | 34420 | 0.48 | 0.219 | 0.70 | 2.71 |
| 34 | 275.00 | 277.00 | 2.00 | 34421 | 0.14 | 0.078 | 0.22 | NS |
| 34 | 277.00 | 279.00 | 2.00 | 34422 | 0.07 | 0.104 | 0.17 | NS |
| 34 | 279.00 | 281.00 | 2.00 | 34423 | 0.25 | 0.140 | 0.39 | NS |
| 34 | 281.00 | 282.55 | 1.55 | 34424 | 0.04 | 0.027 | 0.07 | 2.70 |

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 DRILL HOLE ANALYTICAL DATA

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GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|-------------|----------|--------|--------------|---------------|------------|-------|-------------|------------|
| 35 | 6.70 | 8.23 | 1.53 | 34425 | 0.32 | 0.026 | 0.35 | 2.58 |
| 35 | 8.23 | 9.75 | 1.52 | 34426 | 0.56 | 0.033 | 0.59 | NS |
| 35 | 9.75 | 11.28 | 1.53 | 34427 | 0.32 | 0.047 | 0.37 | NS |
| 35 | 11.28 | 12.80 | 1.52 | 34428 | 0.34 | 0.090 | 0.43 | NS |
| 35 | 12.80 | 14.33 | 1.53 | 34429 | 0.35 | 0.190 | 0.54 | 2.67 |
| 35 | 14.33 | 15.85 | 1.52 | 34430 | 0.30 | 0.286 | 0.59 | NS |
| 35 | 15.85 | 17.37 | 1.52 | 34431 | 0.21 | 0.379 | 0.59 | NS |
| 35 | 17.37 | 18.90 | 1.53 | 34432 | 0.41 | 0.534 | 0.94 | NS |
| 35 | 18.90 | 20.42 | 1.52 | 34433 | 0.22 | 0.443 | 0.66 | 2.70 |
| 35 | 20.42 | 21.95 | 1.53 | 34434 | 0.35 | 0.702 | 1.05 | NS |
| 35 | 21.95 | 23.47 | 1.52 | 34435 | 0.52 | 0.804 | 1.32 | NS |
| 35 | 23.47 | 26.52 | 3.05 | 34436 | 0.42 | 0.431 | 0.85 | 2.71 |
| 35 | 26.52 | 28.04 | 1.52 | 34437 | 0.15 | 0.218 | 0.37 | NS |
| 35 | 28.04 | 29.57 | 1.53 | 34438 | 0.09 | 0.192 | 0.28 | NS |
| 35 | 29.57 | 31.09 | 1.52 | 34439 | 0.10 | 0.352 | 0.45 | NS |
| 35 | 31.09 | 32.00 | 0.91 | 34440 | 0.20 | 0.318 | 0.52 | NS |
| 35 | 32.00 | 33.22 | 1.22 | 34441 | 0.52 | 0.406 | 0.93 | 2.75 |
| 35 | 33.22 | 34.14 | 0.92 | 34442 | 0.40 | 0.504 | 0.90 | NS |
| 35 | 34.14 | 35.66 | 1.52 | 34443 | 0.28 | 0.281 | 0.56 | NS |
| 35 | 35.66 | 38.71 | 3.05 | 34444 | 0.15 | 0.323 | 0.47 | NS |
| 35 | 38.71 | 40.23 | 1.52 | 34445 | 0.44 | 0.370 | 0.81 | 2.71 |
| 35 | 40.23 | 41.45 | 1.22 | 34446 | 0.19 | 0.155 | 0.34 | NS |
| 35 | 41.45 | 43.28 | 1.83 | 34447 | 0.56 | 0.412 | 0.97 | NS |
| 35 | 43.28 | 44.81 | 1.53 | 34448 | 0.30 | 0.186 | 0.49 | NS |
| 35 | 44.81 | 46.33 | 1.52 | 34449 | 0.20 | 0.148 | 0.35 | 2.79 |
| 35 | 46.33 | 54.86 | 8.53 | NS | NS | NS | NS | NS |
| 35 | 54.86 | 56.39 | 1.53 | 34450 | 0.19 | 0.098 | 0.29 | NS |
| 35 | 56.39 | 75.90 | 19.51 | NS | NS | NS | NS | NS |
| 35 | 75.90 | 78.00 | 2.10 | 34451 | 0.29 | 0.240 | 0.53 | NS |
| 35 | 78.00 | 80.00 | 2.00 | 34452 | 0.32 | 0.292 | 0.61 | NS |
| 35 | 80.00 | 82.00 | 2.00 | 34453 | 0.38 | 0.258 | 0.64 | 2.75 |
| 35 | 82.00 | 84.00 | 2.00 | 34454 | 0.20 | 0.140 | 0.34 | NS |
| 35 | 84.00 | 86.15 | 2.15 | 34455 | 0.32 | 0.246 | 0.57 | NS |
| 35 | 86.15 | 88.00 | 1.85 | 34456 | 0.42 | 0.181 | 0.60 | NS |
| 35 | 88.00 | 90.00 | 2.00 | 34457 | 0.15 | 0.101 | 0.25 | 2.79 |
| 35 | 90.00 | 92.00 | 2.00 | 34458 | 0.20 | 0.071 | 0.27 | NS |
| 35 | 92.00 | 94.00 | 2.00 | 34459 | 0.11 | 0.090 | 0.20 | NS |
| 35 | 94.00 | 96.00 | 2.00 | 34460 | 0.20 | 0.130 | 0.33 | NS |
| 35 | 96.00 | 98.00 | 2.00 | 34461 | 0.15 | 0.115 | 0.26 | 2.78 |
| 35 | 98.00 | 100.00 | 2.00 | 34462 | 0.28 | 0.140 | 0.42 | NS |
| 35 | 100.00 | 102.00 | 2.00 | 34463 | 0.22 | 0.138 | 0.36 | NS |
| 35 | 102.00 | 104.00 | 2.00 | 34464 | 0.31 | 0.159 | 0.47 | NS |
| 35 | 104.00 | 106.00 | 2.00 | 34465 | 0.32 | 0.185 | 0.50 | 2.80 |
| 35 | 106.00 | 108.00 | 2.00 | 34466 | 0.24 | 0.116 | 0.36 | NS |
| 35 | 108.00 | 110.00 | 2.00 | 34467 | 0.25 | 0.148 | 0.40 | NS |
| 35 | 110.00 | 112.00 | 2.00 | 34468 | 0.50 | 0.302 | 0.80 | NS |
| 35 | 112.00 | 114.00 | 2.00 | 34469 | 0.34 | 0.189 | 0.53 | 2.84 |
| 35 | 114.00 | 116.00 | 2.00 | 34470 | 0.18 | 0.087 | 0.27 | NS |
| 35 | 116.00 | 118.00 | 2.00 | 34471 | 0.22 | 0.169 | 0.39 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 35 | 118.00 | 120.00 | 2.00 | 34472 | 0.13 | 0.087 | 0.22 | NS |
| 35 | 120.00 | 122.00 | 2.00 | 34473 | 0.21 | 0.152 | 0.36 | 2.85 |
| 35 | 122.00 | 124.00 | 2.00 | 34474 | 0.18 | 0.106 | 0.29 | NS |
| 35 | 124.00 | 126.00 | 2.00 | 34475 | 0.19 | 0.116 | 0.31 | NS |
| 35 | 126.00 | 128.00 | 2.00 | 34476 | 0.24 | 0.119 | 0.36 | NS |
| 35 | 128.00 | 130.00 | 2.00 | 34477 | 0.15 | 0.098 | 0.25 | 2.88 |
| 35 | 130.00 | 132.00 | 2.00 | 34478 | 0.24 | 0.122 | 0.36 | NS |
| 35 | 132.00 | 134.00 | 2.00 | 34479 | 0.46 | 0.167 | 0.63 | NS |
| 35 | 134.00 | 136.00 | 2.00 | 34480 | 0.40 | 0.218 | 0.62 | NS |
| 35 | 136.00 | 138.00 | 2.00 | 34481 | 0.32 | 0.166 | 0.49 | 2.80 |
| 35 | 138.00 | 140.00 | 2.00 | 34482 | 0.30 | 0.158 | 0.46 | NS |
| 35 | 140.00 | 142.00 | 2.00 | 34483 | 0.25 | 0.113 | 0.36 | NS |
| 35 | 142.00 | 144.00 | 2.00 | 34484 | 0.20 | 0.099 | 0.30 | NS |
| 35 | 144.00 | 146.00 | 2.00 | 34485 | 0.19 | 0.110 | 0.30 | 2.76 |
| 35 | 146.00 | 148.00 | 2.00 | 34486 | 0.11 | 0.063 | 0.17 | NS |
| 35 | 148.00 | 150.00 | 2.00 | 34487 | 0.17 | 0.091 | 0.26 | NS |
| 35 | 150.00 | 152.00 | 2.00 | 34488 | 0.34 | 0.116 | 0.46 | NS |
| 35 | 152.00 | 154.00 | 2.00 | 34489 | 0.23 | 0.104 | 0.33 | 2.76 |
| 35 | 154.00 | 156.00 | 2.00 | 34490 | 0.92 | 0.125 | 1.04 | NS |
| 35 | 156.00 | 158.00 | 2.00 | 34491 | 0.24 | 0.128 | 0.37 | NS |
| 35 | 158.00 | 160.00 | 2.00 | 34492 | 0.22 | 0.139 | 0.36 | NS |
| 35 | 160.00 | 162.00 | 2.00 | 34493 | 0.29 | 0.130 | 0.42 | 2.82 |
| 35 | 162.00 | 164.00 | 2.00 | 34494 | 0.38 | 0.103 | 0.48 | NS |
| 35 | 164.00 | 166.00 | 2.00 | 34495 | 0.30 | 0.117 | 0.42 | NS |
| 35 | 166.00 | 168.00 | 2.00 | 34496 | 0.46 | 0.281 | 0.74 | NS |
| 35 | 168.00 | 170.00 | 2.00 | 34497 | 0.18 | 0.129 | 0.31 | 2.78 |
| 35 | 170.00 | 172.00 | 2.00 | 34498 | 0.29 | 0.204 | 0.49 | NS |
| 35 | 172.00 | 174.00 | 2.00 | 34499 | 0.28 | 0.131 | 0.41 | NS |
| 35 | 174.00 | 176.00 | 2.00 | 34500 | 0.40 | 0.206 | 0.61 | NS |
| 35 | 176.00 | 178.00 | 2.00 | 34551 | 0.72 | 0.409 | 1.13 | 2.84 |
| 35 | 178.00 | 180.00 | 2.00 | 34552 | 0.34 | 0.131 | 0.47 | NS |
| 35 | 180.00 | 182.00 | 2.00 | 34553 | 0.23 | 0.119 | 0.35 | NS |
| 35 | 182.00 | 184.00 | 2.00 | 34554 | 0.49 | 0.295 | 0.79 | NS |
| 35 | 184.00 | 186.00 | 2.00 | 34555 | 0.31 | 0.164 | 0.47 | 2.79 |
| 35 | 186.00 | 188.00 | 2.00 | 34556 | 0.40 | 0.220 | 0.62 | NS |
| 35 | 188.00 | 190.00 | 2.00 | 34557 | 0.53 | 0.377 | 0.91 | NS |
| 35 | 190.00 | 192.00 | 2.00 | 34558 | 0.39 | 0.224 | 0.61 | NS |
| 35 | 192.00 | 194.00 | 2.00 | 34559 | 0.44 | 0.294 | 0.73 | 2.79 |
| 35 | 194.00 | 196.00 | 2.00 | 34560 | 0.48 | 0.301 | 0.78 | NS |
| 35 | 196.00 | 198.00 | 2.00 | 34561 | 0.66 | 0.372 | 1.03 | NS |
| 35 | 198.00 | 200.00 | 2.00 | 34562 | 0.62 | 0.379 | 1.00 | NS |
| 35 | 200.00 | 202.00 | 2.00 | 34563 | 0.43 | 0.299 | 0.73 | 2.73 |
| 35 | 202.00 | 204.00 | 2.00 | 34564 | 0.47 | 0.313 | 0.78 | NS |
| 35 | 204.00 | 206.00 | 2.00 | 34565 | 0.38 | 0.193 | 0.57 | NS |
| 35 | 206.00 | 208.00 | 2.00 | 34566 | 0.28 | 0.152 | 0.43 | NS |
| 35 | 208.00 | 210.00 | 2.00 | 34567 | 0.22 | 0.137 | 0.36 | 2.75 |
| 35 | 210.00 | 212.00 | 2.00 | 34568 | 0.27 | 0.160 | 0.43 | NS |
| 35 | 212.00 | 214.00 | 2.00 | 34569 | 0.13 | 0.098 | 0.23 | NS |
| 35 | 214.00 | 216.00 | 2.00 | 34570 | 0.38 | 0.208 | 0.59 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT

29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 35 | 216.00 | 218.00 | 2.00 | 34571 | 0.32 | 0.193 | 0.51 | 2.67 |
| 35 | 218.00 | 220.00 | 2.00 | 34572 | 0.33 | 0.188 | 0.52 | NS |
| 35 | 220.00 | 222.00 | 2.00 | 34573 | 0.28 | 0.116 | 0.40 | NS |
| 35 | 222.00 | 224.00 | 2.00 | 34574 | 0.28 | 0.162 | 0.44 | NS |
| 35 | 224.00 | 226.00 | 2.00 | 34575 | 0.37 | 0.210 | 0.58 | 2.68 |
| 35 | 226.00 | 228.00 | 2.00 | 34576 | 0.23 | 0.121 | 0.35 | NS |
| 35 | 228.00 | 230.00 | 2.00 | 34577 | 0.38 | 0.244 | 0.62 | NS |
| 35 | 230.00 | 232.00 | 2.00 | 34578 | 0.45 | 0.151 | 0.60 | NS |
| 35 | 232.00 | 234.00 | 2.00 | 34579 | 0.37 | 0.168 | 0.54 | 2.63 |
| 35 | 234.00 | 236.00 | 2.00 | 34580 | 0.40 | 0.215 | 0.62 | NS |
| 35 | 236.00 | 238.00 | 2.00 | 34581 | 0.31 | 0.142 | 0.45 | NS |
| 35 | 238.00 | 240.00 | 2.00 | 34582 | 0.18 | 0.105 | 0.28 | NS |
| 35 | 240.00 | 242.00 | 2.00 | 34583 | 0.21 | 0.145 | 0.35 | 2.76 |
| 35 | 242.00 | 244.00 | 2.00 | 34584 | 0.20 | 0.157 | 0.36 | NS |
| 35 | 244.00 | 246.00 | 2.00 | 34585 | 0.21 | 0.110 | 0.32 | NS |
| 35 | 246.00 | 248.00 | 2.00 | 34586 | 0.15 | 0.073 | 0.22 | NS |
| 35 | 248.00 | 250.00 | 2.00 | 34587 | 0.34 | 0.100 | 0.44 | 2.75 |
| 35 | 250.00 | 252.00 | 2.00 | 34588 | 0.21 | 0.142 | 0.35 | NS |
| 35 | 252.00 | 254.00 | 2.00 | 34589 | 0.30 | 0.180 | 0.48 | NS |
| 35 | 254.00 | 256.00 | 2.00 | 34590 | 0.49 | 0.200 | 0.69 | NS |
| 35 | 256.00 | 258.00 | 2.00 | 34591 | 0.32 | 0.142 | 0.46 | 2.83 |
| 35 | 258.00 | 260.00 | 2.00 | 34592 | 0.22 | 0.129 | 0.35 | NS |
| 35 | 260.00 | 262.00 | 2.00 | 34593 | 0.27 | 0.119 | 0.39 | NS |
| 35 | 262.00 | 264.00 | 2.00 | 34594 | 0.21 | 0.130 | 0.34 | NS |
| 35 | 264.00 | 266.00 | 2.00 | 34595 | 0.70 | 0.420 | 1.12 | 2.72 |
| 35 | 266.00 | 268.00 | 2.00 | 34596 | 0.23 | 0.164 | 0.39 | NS |
| 35 | 268.00 | 270.00 | 2.00 | 34597 | 0.22 | 0.166 | 0.39 | NS |
| 35 | 270.00 | 272.00 | 2.00 | 34598 | 0.14 | 0.131 | 0.27 | NS |
| 35 | 272.00 | 274.00 | 2.00 | 34599 | 0.36 | 0.263 | 0.62 | 2.77 |
| 35 | 274.00 | 276.00 | 2.00 | 34600 | 0.11 | 0.113 | 0.22 | NS |
| 35 | 276.00 | 278.00 | 2.00 | 34601 | 0.20 | 0.149 | 0.35 | NS |
| 35 | 278.00 | 280.00 | 2.00 | 34602 | 0.10 | 0.109 | 0.21 | NS |
| 35 | 280.00 | 282.55 | 2.55 | 34603 | 0.32 | 0.195 | 0.51 | 2.74 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|-------------|----------|--------|--------------|---------------|------------|-------|-------------|------------|
| 36 | 7.30 | 8.84 | 1.54 | 34604 | 0.08 | 0.028 | 0.11 | NS |
| 36 | 8.84 | 12.80 | 3.96 | 34605 | 0.06 | 0.024 | 0.08 | NS |
| 36 | 12.80 | 14.02 | 1.22 | 34606 | 0.20 | 0.033 | 0.23 | NS |
| 36 | 14.02 | 15.84 | 1.82 | 34607 | 0.25 | 0.054 | 0.30 | 2.54 |
| 36 | 15.84 | 17.37 | 1.53 | 34608 | 0.13 | 0.040 | 0.17 | NS |
| 36 | 17.37 | 18.90 | 1.53 | 34609 | 0.08 | 0.058 | 0.14 | NS |
| 36 | 18.90 | 20.42 | 1.52 | 34610 | 0.10 | 0.094 | 0.19 | NS |
| 36 | 20.42 | 21.95 | 1.53 | 34611 | 0.15 | 0.157 | 0.31 | 2.71 |
| 36 | 21.95 | 23.47 | 1.52 | 34612 | 0.29 | 0.117 | 0.41 | NS |
| 36 | 23.47 | 24.99 | 1.52 | 34613 | 0.23 | 0.093 | 0.32 | NS |
| 36 | 24.99 | 26.52 | 1.53 | 34614 | 0.19 | 0.167 | 0.36 | NS |
| 36 | 26.52 | 28.04 | 1.52 | 34615 | 0.50 | 0.278 | 0.78 | 2.73 |
| 36 | 28.04 | 29.57 | 1.53 | 34616 | 0.75 | 0.247 | 1.00 | NS |
| 36 | 29.57 | 31.09 | 1.52 | 34617 | 0.46 | 0.147 | 0.61 | NS |
| 36 | 31.09 | 32.61 | 1.52 | 34618 | 0.48 | 0.141 | 0.62 | NS |
| 36 | 32.61 | 34.14 | 1.53 | 34619 | 0.19 | 0.054 | 0.24 | 2.54 |
| 36 | 34.14 | 35.66 | 1.52 | 34620 | 0.09 | 0.048 | 0.14 | NS |
| 36 | 35.66 | 37.19 | 1.53 | 34621 | 0.13 | 0.112 | 0.24 | NS |
| 36 | 37.19 | 38.71 | 1.52 | 34622 | 0.10 | 0.121 | 0.22 | NS |
| 36 | 38.71 | 40.23 | 1.52 | 34623 | 0.11 | 0.095 | 0.20 | 2.63 |
| 36 | 40.23 | 41.76 | 1.53 | 34624 | 0.32 | 0.261 | 0.58 | NS |
| 36 | 41.76 | 43.28 | 1.52 | NS | NS | NS | NS | NS |
| 36 | 43.28 | 44.81 | 1.53 | 34625 | 0.14 | 0.186 | 0.33 | NS |
| 36 | 44.81 | 46.33 | 1.52 | 34626 | 0.09 | 0.155 | 0.25 | NS |
| 36 | 46.33 | 47.85 | 1.52 | 34627 | 0.05 | 0.126 | 0.18 | 2.83 |
| 36 | 47.85 | 49.38 | 1.53 | 34628 | 0.12 | 0.158 | 0.28 | NS |
| 36 | 49.38 | 50.90 | 1.52 | 34629 | 0.08 | 0.135 | 0.22 | NS |
| 36 | 50.90 | 52.43 | 1.53 | 34630 | 0.14 | 0.220 | 0.36 | NS |
| 36 | 52.43 | 57.00 | 4.57 | NS | NS | NS | NS | NS |
| 36 | 57.00 | 58.52 | 1.52 | 34631 | 0.10 | 0.142 | 0.24 | 2.71 |
| 36 | 58.52 | 60.05 | 1.53 | 34632 | 0.20 | 0.174 | 0.37 | NS |
| 36 | 60.05 | 61.57 | 1.52 | 34633 | 0.28 | 0.202 | 0.48 | NS |
| 36 | 61.57 | 63.09 | 1.52 | 34634 | 0.20 | 0.138 | 0.34 | NS |
| 36 | 63.09 | 64.62 | 1.53 | 34635 | 0.26 | 0.162 | 0.42 | 2.64 |
| 36 | 64.62 | 66.14 | 1.52 | 34636 | 0.34 | 0.216 | 0.56 | NS |
| 36 | 66.14 | 67.67 | 1.53 | 34637 | 0.30 | 0.164 | 0.46 | NS |
| 36 | 67.67 | 69.19 | 1.52 | 34638 | 0.30 | 0.148 | 0.45 | NS |
| 36 | 69.19 | 70.71 | 1.52 | 34639 | 0.29 | 0.231 | 0.52 | 2.70 |
| 36 | 70.71 | 72.24 | 1.53 | 34640 | 0.31 | 0.217 | 0.53 | NS |
| 36 | 72.24 | 73.76 | 1.52 | 34641 | 0.37 | 0.246 | 0.62 | NS |
| 36 | 73.76 | 75.29 | 1.53 | 34642 | 0.21 | 0.166 | 0.38 | NS |
| 36 | 75.29 | 76.81 | 1.52 | 34643 | 0.20 | 0.151 | 0.35 | 2.67 |
| 36 | 76.81 | 78.33 | 1.52 | 34644 | 0.13 | 0.106 | 0.24 | NS |
| 36 | 78.33 | 79.86 | 1.53 | 34645 | 0.73 | 0.345 | 1.08 | NS |
| 36 | 79.86 | 81.38 | 1.52 | 34646 | 0.55 | 0.291 | 0.84 | NS |
| 36 | 81.38 | 82.91 | 1.53 | 34647 | 0.17 | 0.131 | 0.30 | 2.74 |
| 36 | 82.91 | 84.43 | 1.52 | 34648 | 0.29 | 0.202 | 0.49 | NS |
| 36 | 84.43 | 85.95 | 1.52 | 34649 | 0.23 | 0.163 | 0.39 | NS |
| 36 | 85.95 | 87.48 | 1.53 | 34650 | 0.32 | 0.122 | 0.44 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT

29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 36 | 87.48 | 89.00 | 1.52 | 34651 | 0.86 | 0.221 | 1.08 | 2.65 |
| 36 | 89.00 | 90.53 | 1.53 | 34652 | 1.07 | 0.375 | 1.45 | NS |
| 36 | 90.53 | 92.05 | 1.52 | 34653 | 0.30 | 0.178 | 0.48 | NS |
| 36 | 92.05 | 93.57 | 1.52 | 34654 | 0.42 | 0.304 | 0.72 | NS |
| 36 | 93.57 | 95.10 | 1.53 | 34655 | 0.55 | 0.325 | 0.88 | 2.67 |
| 36 | 95.10 | 98.15 | 3.05 | 34656 | 0.18 | 0.133 | 0.31 | NS |
| 36 | 98.15 | 99.67 | 1.52 | 34657 | 0.13 | 0.087 | 0.22 | NS |
| 36 | 99.67 | 102.72 | 3.05 | 34658 | 0.32 | 0.205 | 0.52 | NS |
| 36 | 102.72 | 104.29 | 1.57 | 34659 | 0.47 | 0.228 | 0.70 | 2.75 |
| 36 | 104.29 | 107.29 | 3.00 | 34660 | 0.30 | 0.185 | 0.49 | NS |
| 36 | 107.29 | 108.81 | 1.52 | 34661 | 0.70 | 0.329 | 1.03 | NS |
| 36 | 108.81 | 110.34 | 1.53 | 34662 | 0.52 | 0.317 | 0.84 | NS |
| 36 | 110.34 | 111.86 | 1.52 | 34663 | 0.40 | 0.228 | 0.63 | 2.69 |
| 36 | 111.86 | 113.39 | 1.53 | 34664 | 0.20 | 0.144 | 0.34 | NS |
| 36 | 113.39 | 114.91 | 1.52 | 34665 | 0.49 | 0.301 | 0.79 | NS |
| 36 | 114.91 | 116.43 | 1.52 | 34666 | 0.33 | 0.200 | 0.53 | NS |
| 36 | 116.43 | 117.96 | 1.53 | 34667 | 0.11 | 0.091 | 0.20 | 2.69 |
| 36 | 117.96 | 119.48 | 1.52 | 34668 | 0.78 | 0.468 | 1.25 | NS |
| 36 | 119.48 | 124.05 | 4.57 | 34669 | 0.38 | 0.190 | 0.57 | NS |
| 36 | 124.05 | 128.63 | 4.58 | 34670 | 0.32 | 0.167 | 0.49 | NS |
| 36 | 128.63 | 136.25 | 7.62 | 34671 | 0.29 | 0.131 | 0.42 | 2.65 |
| 36 | 136.25 | 140.82 | 4.57 | NS | NS | NS | NS | NS |
| 36 | 140.82 | 143.87 | 3.05 | 34672 | 0.20 | 0.123 | 0.32 | NS |
| 36 | 143.87 | 145.39 | 1.52 | NS | NS | NS | NS | NS |
| 36 | 145.39 | 146.91 | 1.52 | 34673 | 0.33 | 0.172 | 0.50 | NS |
| 36 | 146.91 | 148.44 | 1.53 | 34674 | 0.19 | 0.105 | 0.29 | NS |
| 36 | 148.44 | 149.96 | 1.52 | 34675 | 0.29 | 0.156 | 0.45 | 2.81 |
| 36 | 149.96 | 152.00 | 2.04 | 34676 | 0.21 | 0.114 | 0.32 | NS |
| 36 | 152.00 | 154.00 | 2.00 | 34677 | 0.22 | 0.127 | 0.35 | NS |
| 36 | 154.00 | 156.00 | 2.00 | 34678 | 0.20 | 0.109 | 0.31 | NS |
| 36 | 156.00 | 158.00 | 2.00 | 34679 | 0.24 | 0.101 | 0.34 | 2.88 |
| 36 | 158.00 | 160.00 | 2.00 | 34680 | 0.15 | 0.106 | 0.26 | NS |
| 36 | 160.00 | 162.00 | 2.00 | 34681 | 0.16 | 0.091 | 0.25 | NS |
| 36 | 162.00 | 164.00 | 2.00 | 34682 | 0.21 | 0.152 | 0.36 | NS |
| 36 | 164.00 | 166.00 | 2.00 | 34683 | 0.12 | 0.072 | 0.19 | 3.03 |
| 36 | 166.00 | 168.00 | 2.00 | 34684 | 0.33 | 0.208 | 0.54 | NS |
| 36 | 168.00 | 170.00 | 2.00 | 34685 | 0.82 | 0.245 | 1.07 | NS |
| 36 | 170.00 | 172.00 | 2.00 | 34686 | 0.25 | 0.140 | 0.39 | NS |
| 36 | 172.00 | 174.00 | 2.00 | 34687 | 0.42 | 0.220 | 0.64 | 2.86 |
| 36 | 174.00 | 176.00 | 2.00 | 34688 | 0.30 | 0.164 | 0.46 | NS |
| 36 | 176.00 | 178.00 | 2.00 | 34689 | 0.40 | 0.216 | 0.62 | NS |
| 36 | 178.00 | 180.00 | 2.00 | 34690 | 0.32 | 0.159 | 0.48 | NS |
| 36 | 180.00 | 182.00 | 2.00 | 34691 | 0.24 | 0.150 | 0.39 | 2.90 |
| 36 | 182.00 | 184.00 | 2.00 | 34692 | 0.20 | 0.160 | 0.36 | NS |
| 36 | 184.00 | 186.00 | 2.00 | 34693 | 0.10 | 0.105 | 0.20 | NS |
| 36 | 186.00 | 188.00 | 2.00 | 34694 | 0.11 | 0.156 | 0.27 | NS |
| 36 | 188.00 | 190.00 | 2.00 | 34695 | 0.10 | 0.108 | 0.21 | 2.76 |
| 36 | 190.00 | 192.00 | 2.00 | 34696 | 0.14 | 0.116 | 0.26 | NS |
| 36 | 192.00 | 194.00 | 2.00 | 34697 | 0.30 | 0.191 | 0.49 | NS |

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29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 36 | 194.00 | 196.00 | 2.00 | 34698 | 0.75 | 0.460 | 1.21 | NS |
| 36 | 196.00 | 198.00 | 2.00 | 34699 | 0.34 | 0.166 | 0.51 | 3.00 |
| 36 | 198.00 | 200.00 | 2.00 | 34700 | 0.45 | 0.218 | 0.67 | NS |
| 36 | 200.00 | 202.00 | 2.00 | 34701 | 0.22 | 0.127 | 0.35 | NS |
| 36 | 202.00 | 204.00 | 2.00 | 34702 | 0.12 | 0.086 | 0.21 | NS |
| 36 | 204.00 | 206.00 | 2.00 | 34703 | 0.24 | 0.152 | 0.39 | 3.01 |
| 36 | 206.00 | 208.00 | 2.00 | 34704 | 0.21 | 0.094 | 0.30 | NS |
| 36 | 208.00 | 210.00 | 2.00 | 34705 | 0.21 | 0.073 | 0.28 | NS |
| 36 | 210.00 | 212.00 | 2.00 | 34706 | 0.40 | 0.159 | 0.56 | NS |
| 36 | 212.00 | 214.00 | 2.00 | 34707 | 0.39 | 0.173 | 0.56 | 3.00 |
| 36 | 214.00 | 216.00 | 2.00 | 34708 | 0.34 | 0.202 | 0.54 | NS |
| 36 | 216.00 | 218.00 | 2.00 | 34709 | 0.23 | 0.133 | 0.36 | NS |
| 36 | 218.00 | 220.00 | 2.00 | 34710 | 0.31 | 0.168 | 0.48 | NS |
| 36 | 220.00 | 222.00 | 2.00 | 34711 | 0.22 | 0.115 | 0.34 | 2.89 |
| 36 | 222.00 | 224.00 | 2.00 | 34712 | 0.23 | 0.131 | 0.36 | NS |
| 36 | 224.00 | 226.00 | 2.00 | 34713 | 0.18 | 0.105 | 0.28 | NS |
| 36 | 226.00 | 228.00 | 2.00 | 34714 | 0.48 | 0.251 | 0.73 | NS |
| 36 | 228.00 | 230.00 | 2.00 | 34715 | 0.30 | 0.168 | 0.47 | 2.97 |
| 36 | 230.00 | 232.00 | 2.00 | 34716 | 0.37 | 0.197 | 0.57 | NS |
| 36 | 232.00 | 234.00 | 2.00 | 34717 | 0.12 | 0.111 | 0.23 | NS |
| 36 | 234.00 | 236.00 | 2.00 | 34718 | 0.40 | 0.216 | 0.62 | NS |
| 36 | 236.00 | 238.00 | 2.00 | 34719 | 0.33 | 0.130 | 0.46 | 2.98 |
| 36 | 238.00 | 240.00 | 2.00 | 34720 | 0.12 | 0.073 | 0.19 | NS |
| 36 | 240.00 | 242.00 | 2.00 | 34721 | 0.22 | 0.095 | 0.31 | NS |
| 36 | 242.00 | 244.00 | 2.00 | 34722 | 0.16 | 0.096 | 0.26 | NS |
| 36 | 244.00 | 246.00 | 2.00 | 34723 | 0.90 | 0.387 | 1.29 | 2.94 |
| 36 | 246.00 | 248.00 | 2.00 | 34724 | 0.24 | 0.158 | 0.40 | NS |
| 36 | 248.00 | 250.00 | 2.00 | 34725 | 0.30 | 0.191 | 0.49 | NS |
| 36 | 250.00 | 252.00 | 2.00 | 34726 | 0.29 | 0.180 | 0.47 | NS |
| 36 | 252.00 | 254.00 | 2.00 | 34727 | 0.19 | 0.117 | 0.31 | 2.96 |
| 36 | 254.00 | 256.00 | 2.00 | 34728 | 0.10 | 0.055 | 0.16 | NS |
| 36 | 256.00 | 258.00 | 2.00 | 34729 | 0.22 | 0.113 | 0.33 | NS |
| 36 | 258.00 | 260.00 | 2.00 | 34730 | 0.17 | 0.117 | 0.29 | NS |
| 36 | 260.00 | 261.20 | 1.20 | 34731 | 0.40 | 0.225 | 0.63 | 2.91 |

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29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 42 | 4.88 | 6.71 | 1.83 | 33194 | 0.22 | 0.038 | 0.26 | 2.45 |
| 42 | 6.71 | 8.23 | 1.52 | 33195 | 0.44 | 0.041 | 0.48 | NS |
| 42 | 8.23 | 9.75 | 1.52 | 33196 | 0.36 | 0.045 | 0.41 | NS |
| 42 | 9.75 | 11.28 | 1.53 | 33197 | 0.44 | 0.052 | 0.49 | NS |
| 42 | 11.28 | 12.80 | 1.52 | 33198 | 0.33 | 0.038 | 0.37 | 2.53 |
| 42 | 12.80 | 14.33 | 1.53 | 33199 | 0.31 | 0.067 | 0.38 | NS |
| 42 | 14.33 | 15.85 | 1.52 | 33200 | 0.30 | 0.145 | 0.44 | NS |
| 42 | 15.85 | 17.37 | 1.52 | 33201 | 0.27 | 0.250 | 0.52 | NS |
| 42 | 17.37 | 18.90 | 1.53 | 33202 | 0.26 | 0.244 | 0.50 | 2.60 |
| 42 | 18.90 | 20.42 | 1.52 | 33203 | 0.20 | 0.182 | 0.38 | NS |
| 42 | 20.42 | 21.94 | 1.52 | 33204 | 0.28 | 0.323 | 0.60 | NS |
| 42 | 21.94 | 23.47 | 1.53 | 33205 | 0.20 | 0.256 | 0.46 | NS |
| 42 | 23.47 | 25.30 | 1.83 | 33206 | 0.16 | 0.235 | 0.40 | 2.63 |
| 42 | 25.30 | 28.04 | 2.74 | 33207 | 0.01 | 0.118 | 0.13 | NS |
| 42 | 28.04 | 29.57 | 1.53 | 33208 | 0.01 | 0.064 | 0.07 | NS |
| 42 | 29.57 | 31.09 | 1.52 | 33209 | 0.01 | 0.054 | 0.06 | NS |
| 42 | 31.09 | 32.61 | 1.52 | 33210 | 0.01 | 0.043 | 0.05 | 2.68 |
| 42 | 32.61 | 34.14 | 1.53 | 33211 | 0.01 | 0.039 | 0.05 | NS |
| 42 | 34.14 | 35.66 | 1.52 | 33212 | 0.01 | 0.035 | 0.05 | NS |
| 42 | 35.66 | 37.19 | 1.53 | 33213 | 0.01 | 0.026 | 0.04 | NS |
| 42 | 37.19 | 38.71 | 1.52 | 33214 | 0.01 | 0.010 | 0.02 | 2.67 |
| 42 | 38.71 | 40.23 | 1.52 | 33215 | 0.01 | 0.003 | 0.01 | NS |
| 42 | 40.23 | 41.76 | 1.53 | 33216 | 0.01 | 0.004 | 0.01 | NS |
| 42 | 41.76 | 44.81 | 3.05 | 33217 | 0.01 | 0.008 | 0.02 | NS |
| 42 | 44.81 | 46.63 | 1.82 | 33218 | 0.01 | 0.018 | 0.03 | 2.68 |
| 42 | 46.63 | 48.77 | 2.14 | 33219 | 0.14 | 0.109 | 0.25 | NS |
| 42 | 48.77 | 50.90 | 2.13 | 33220 | 0.21 | 0.142 | 0.35 | NS |
| 42 | 50.90 | 52.12 | 1.22 | 33221 | 0.12 | 0.099 | 0.22 | NS |
| 42 | 52.12 | 54.56 | 2.44 | 33222 | 0.08 | 0.097 | 0.18 | 2.62 |
| 42 | 54.56 | 57.00 | 2.44 | 33223 | 0.10 | 0.103 | 0.20 | NS |
| 42 | 57.00 | 59.13 | 2.13 | 33224 | 0.04 | 0.074 | 0.11 | NS |
| 42 | 59.13 | 62.18 | 3.05 | 33225 | 0.19 | 0.121 | 0.31 | NS |
| 42 | 62.18 | 64.62 | 2.44 | 33226 | 0.10 | 0.082 | 0.18 | 2.66 |
| 42 | 64.62 | 67.67 | 3.05 | 33227 | 0.17 | 0.148 | 0.32 | NS |
| 42 | 67.67 | 70.71 | 3.04 | 33228 | 0.18 | 0.164 | 0.34 | NS |
| 42 | 70.71 | 75.29 | 4.58 | 33229 | 0.23 | 0.250 | 0.48 | NS |
| 42 | 75.29 | 78.03 | 2.74 | 33230 | 0.28 | 0.271 | 0.55 | 2.68 |
| 42 | 78.03 | 80.77 | 2.74 | 33231 | 0.14 | 0.146 | 0.29 | NS |
| 42 | 80.77 | 83.82 | 3.05 | NS | NS | NS | NS | 0.00 |
| 42 | 83.82 | 86.87 | 3.05 | 33232 | 0.12 | 0.118 | 0.24 | NS |
| 42 | 86.87 | 89.61 | 2.74 | 33233 | 0.11 | 0.102 | 0.21 | NS |
| 42 | 89.61 | 92.35 | 2.74 | 33234 | 0.23 | 0.139 | 0.37 | 2.72 |
| 42 | 92.35 | 96.01 | 3.66 | 33235 | 0.10 | 0.138 | 0.24 | NS |
| 42 | 96.01 | 96.62 | 0.61 | NS | NS | NS | NS | NS |
| 42 | 96.62 | 98.15 | 1.53 | 33236 | 0.09 | 0.089 | 0.18 | NS |
| 42 | 98.15 | 99.67 | 1.52 | NS | NS | NS | NS | NS |
| 42 | 99.67 | 101.19 | 1.52 | 33236 | 0.09 | 0.089 | 0.18 | NS |
| 42 | 101.19 | 112.78 | 11.59 | NS | NS | NS | NS | NS |
| 42 | 112.78 | 115.82 | 3.04 | 33237 | 0.10 | 0.097 | 0.20 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT

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DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 42 | 115.82 | 117.35 | 1.53 | NS | NS | NS | NS | NS |
| 42 | 117.35 | 122.53 | 5.18 | 33238 | 0.09 | 0.092 | 0.18 | 2.75 |
| 42 | 122.53 | 125.58 | 3.05 | NS | NS | NS | NS | NS |
| 42 | 125.58 | 128.63 | 3.05 | 33239 | 0.08 | 0.068 | 0.15 | NS |
| 42 | 128.63 | 146.30 | 17.67 | NS | NS | NS | NS | NS |
| 42 | 146.30 | 148.00 | 1.70 | 33240 | 0.02 | 0.005 | 0.03 | NS |
| 42 | 148.00 | 150.00 | 2.00 | 33241 | 0.03 | 0.004 | 0.03 | NS |
| 42 | 150.00 | 152.00 | 2.00 | 33242 | 0.02 | 0.003 | 0.02 | 2.55 |
| 42 | 152.00 | 154.00 | 2.00 | 33243 | 0.01 | 0.002 | 0.01 | NS |
| 42 | 154.00 | 156.00 | 2.00 | 33244 | 0.01 | 0.003 | 0.01 | NS |
| 42 | 156.00 | 158.00 | 2.00 | 33245 | 0.02 | 0.003 | 0.02 | NS |
| 42 | 158.00 | 159.80 | 1.80 | 33246 | 0.01 | 0.003 | 0.01 | 2.70 |
| 42 | 159.80 | 162.00 | 2.20 | 33247 | 0.10 | 0.073 | 0.17 | NS |
| 42 | 162.00 | 164.00 | 2.00 | 33248 | 0.05 | 0.094 | 0.14 | NS |
| 42 | 164.00 | 166.00 | 2.00 | 33249 | 0.04 | 0.072 | 0.11 | NS |
| 42 | 166.00 | 168.00 | 2.00 | 33250 | 0.08 | 0.093 | 0.17 | 2.74 |
| 42 | 168.00 | 170.00 | 2.00 | 33251 | 0.02 | 0.062 | 0.08 | NS |
| 42 | 170.00 | 172.00 | 2.00 | 33252 | 0.02 | 0.056 | 0.08 | NS |
| 42 | 172.00 | 174.00 | 2.00 | 33253 | 0.06 | 0.072 | 0.13 | NS |
| 42 | 174.00 | 176.00 | 2.00 | 33254 | 0.08 | 0.079 | 0.16 | 2.66 |
| 42 | 176.00 | 178.00 | 2.00 | 33255 | 0.05 | 0.058 | 0.11 | NS |
| 42 | 178.00 | 180.00 | 2.00 | 33256 | 0.02 | 0.057 | 0.08 | NS |
| 42 | 180.00 | 182.00 | 2.00 | 33257 | 0.03 | 0.048 | 0.08 | NS |
| 42 | 182.00 | 184.00 | 2.00 | 33258 | 0.02 | 0.069 | 0.09 | 2.45 |
| 42 | 184.00 | 186.00 | 2.00 | 33259 | 0.25 | 0.154 | 0.40 | NS |
| 42 | 186.00 | 188.00 | 2.00 | 33260 | 0.13 | 0.124 | 0.25 | NS |
| 42 | 188.00 | 190.00 | 2.00 | 33261 | 0.05 | 0.080 | 0.13 | NS |
| 42 | 190.00 | 192.00 | 2.00 | 33262 | 0.02 | 0.057 | 0.08 | 2.77 |
| 42 | 192.00 | 194.00 | 2.00 | 33263 | 0.04 | 0.077 | 0.12 | NS |
| 42 | 194.00 | 196.00 | 2.00 | 33264 | 0.07 | 0.084 | 0.15 | NS |
| 42 | 196.00 | 198.00 | 2.00 | 33265 | 0.03 | 0.050 | 0.08 | NS |
| 42 | 198.00 | 200.00 | 2.00 | 33266 | 0.10 | 0.080 | 0.18 | 2.78 |
| 42 | 200.00 | 202.00 | 2.00 | 33267 | 0.14 | 0.131 | 0.27 | NS |
| 42 | 202.00 | 204.00 | 2.00 | 33268 | 0.13 | 0.124 | 0.25 | NS |
| 42 | 204.00 | 206.00 | 2.00 | 33269 | 0.27 | 0.191 | 0.46 | NS |
| 42 | 206.00 | 208.00 | 2.00 | 33270 | 0.14 | 0.126 | 0.27 | 2.82 |
| 42 | 208.00 | 210.00 | 2.00 | 33271 | 0.11 | 0.089 | 0.20 | NS |
| 42 | 210.00 | 212.00 | 2.00 | 33272 | 0.12 | 0.097 | 0.22 | NS |
| 42 | 212.00 | 214.00 | 2.00 | 33273 | 0.09 | 0.077 | 0.17 | NS |
| 42 | 214.00 | 216.00 | 2.00 | 33274 | 0.08 | 0.058 | 0.14 | 2.78 |
| 42 | 216.00 | 218.00 | 2.00 | 33275 | 0.10 | 0.082 | 0.18 | NS |
| 42 | 218.00 | 220.00 | 2.00 | 33276 | 0.07 | 0.081 | 0.15 | NS |
| 42 | 220.00 | 222.00 | 2.00 | 33277 | 0.26 | 0.119 | 0.38 | NS |
| 42 | 222.00 | 224.00 | 2.00 | 33278 | 0.11 | 0.075 | 0.19 | 2.84 |
| 42 | 224.00 | 226.00 | 2.00 | 33279 | 0.07 | 0.061 | 0.13 | NS |
| 42 | 226.00 | 228.00 | 2.00 | 33280 | 0.10 | 0.059 | 0.16 | NS |
| 42 | 228.00 | 230.00 | 2.00 | 33281 | 0.06 | 0.068 | 0.13 | NS |
| 42 | 230.00 | 232.00 | 2.00 | 33282 | 0.08 | 0.071 | 0.15 | 2.75 |
| 42 | 232.00 | 234.00 | 2.00 | 33283 | 0.14 | 0.139 | 0.28 | NS |

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| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 42 | 234.00 | 236.00 | 2.00 | 33284 | 0.12 | 0.124 | 0.24 | NS |
| 42 | 236.00 | 238.00 | 2.00 | 33285 | 0.19 | 0.147 | 0.34 | NS |
| 42 | 238.00 | 240.00 | 2.00 | 33286 | 0.10 | 0.098 | 0.20 | 2.88 |
| 42 | 240.00 | 242.00 | 2.00 | 33287 | 0.10 | 0.066 | 0.17 | NS |
| 42 | 242.00 | 244.00 | 2.00 | 33288 | 0.11 | 0.064 | 0.17 | NS |
| 42 | 244.00 | 246.00 | 2.00 | 33289 | 0.12 | 0.048 | 0.17 | NS |
| 42 | 246.00 | 248.00 | 2.00 | 33290 | 0.05 | 0.031 | 0.08 | 2.68 |
| 42 | 248.00 | 250.00 | 2.00 | 33291 | 0.01 | 0.039 | 0.05 | NS |
| 42 | 250.00 | 252.00 | 2.00 | 33292 | 0.04 | 0.052 | 0.09 | NS |
| 42 | 252.00 | 254.00 | 2.00 | 33293 | 0.10 | 0.078 | 0.18 | NS |
| 42 | 254.00 | 256.00 | 2.00 | 33294 | 0.11 | 0.067 | 0.18 | 2.77 |
| 42 | 256.00 | 258.00 | 2.00 | 33295 | 0.05 | 0.072 | 0.12 | NS |
| 42 | 258.00 | 260.00 | 2.00 | 33296 | 0.09 | 0.074 | 0.16 | NS |
| 42 | 260.00 | 262.00 | 2.00 | 33297 | 0.10 | 0.075 | 0.17 | NS |
| 42 | 262.00 | 264.00 | 2.00 | 33298 | 0.08 | 0.057 | 0.14 | 2.71 |
| 42 | 264.00 | 266.00 | 2.00 | 33299 | 0.09 | 0.080 | 0.17 | NS |
| 42 | 266.00 | 268.00 | 2.00 | 33300 | 0.09 | 0.068 | 0.16 | NS |
| 42 | 268.00 | 270.00 | 2.00 | 33301 | 0.07 | 0.075 | 0.14 | NS |
| 42 | 270.00 | 272.00 | 2.00 | 33302 | 0.04 | 0.050 | 0.09 | 2.68 |
| 42 | 272.00 | 274.00 | 2.00 | 33303 | 0.16 | 0.079 | 0.24 | NS |
| 42 | 274.00 | 276.00 | 2.00 | 33304 | 0.29 | 0.120 | 0.41 | NS |
| 42 | 276.00 | 278.00 | 2.00 | 33305 | 0.10 | 0.073 | 0.17 | NS |
| 42 | 278.00 | 280.00 | 2.00 | 33306 | 0.02 | 0.058 | 0.08 | 2.75 |
| 42 | 280.00 | 282.55 | 2.55 | 33307 | 0.03 | 0.061 | 0.09 | NS |

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| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 44 | 8.23 | 12.19 | 3.96 | NS | NS | NS | NS | NS |
| 44 | 12.19 | 18.28 | 6.09 | 33428 | 0.32 | 0.187 | 0.51 | 2.55 |
| 44 | 18.28 | 21.33 | 3.05 | 33429 | 0.28 | 0.272 | 0.55 | NS |
| 44 | 21.33 | 53.34 | 32.01 | NS | NS | NS | NS | NS |
| 44 | 53.34 | 62.48 | 9.14 | 33430 | 0.10 | 0.076 | 0.18 | NS |
| 44 | 62.48 | 74.99 | 12.51 | NS | NS | NS | NS | NS |
| 44 | 74.99 | 76.80 | 1.81 | 33431 | 0.15 | 0.164 | 0.31 | NS |
| 44 | 76.80 | 79.10 | 2.30 | 33432 | 0.04 | 0.014 | 0.05 | 2.61 |
| 44 | 79.10 | 80.10 | 1.00 | 33433 | 0.24 | 0.122 | 0.36 | NS |
| 44 | 80.10 | 82.00 | 1.90 | 33434 | 0.06 | 0.008 | 0.07 | NS |
| 44 | 82.00 | 84.00 | 2.00 | 33435 | 0.02 | 0.005 | 0.03 | NS |
| 44 | 84.00 | 86.00 | 2.00 | 33436 | 0.01 | 0.004 | 0.01 | 2.61 |
| 44 | 86.00 | 88.00 | 2.00 | 33437 | 0.02 | 0.003 | 0.02 | NS |
| 44 | 88.00 | 90.00 | 2.00 | 33438 | 0.02 | 0.003 | 0.02 | NS |
| 44 | 90.00 | 92.00 | 2.00 | 33439 | 0.01 | 0.004 | 0.01 | NS |
| 44 | 92.00 | 94.00 | 2.00 | 33440 | 0.03 | 0.003 | 0.03 | 2.65 |
| 44 | 94.00 | 97.00 | 3.00 | 33441 | 0.02 | 0.003 | 0.02 | NS |
| 44 | 97.00 | 100.00 | 3.00 | 33442 | 0.05 | 0.049 | 0.10 | NS |
| 44 | 100.00 | 102.00 | 2.00 | 33443 | 0.03 | 0.051 | 0.08 | NS |
| 44 | 102.00 | 104.00 | 2.00 | 33444 | 0.11 | 0.069 | 0.18 | 2.73 |
| 44 | 104.00 | 106.00 | 2.00 | 33445 | 0.12 | 0.114 | 0.23 | NS |
| 44 | 106.00 | 108.00 | 2.00 | 33446 | 0.24 | 0.119 | 0.36 | NS |
| 44 | 108.00 | 110.00 | 2.00 | 33447 | 0.08 | 0.083 | 0.16 | NS |
| 44 | 110.00 | 112.00 | 2.00 | 33448 | 0.03 | 0.064 | 0.09 | 2.74 |
| 44 | 112.00 | 114.90 | 2.90 | 33449 | 0.11 | 0.131 | 0.24 | NS |
| 44 | 114.90 | 118.00 | 3.10 | NS | NS | NS | NS | NS |
| 44 | 118.00 | 120.00 | 2.00 | 33450 | 0.32 | 0.279 | 0.60 | NS |
| 44 | 120.00 | 122.00 | 2.00 | 33451 | 0.17 | 0.136 | 0.31 | NS |
| 44 | 122.00 | 124.00 | 2.00 | 33452 | 0.12 | 0.120 | 0.24 | 2.78 |
| 44 | 124.00 | 126.00 | 2.00 | 33453 | 0.26 | 0.243 | 0.50 | NS |
| 44 | 126.00 | 128.00 | 2.00 | 33454 | 0.22 | 0.221 | 0.44 | NS |
| 44 | 128.00 | 130.00 | 2.00 | 33455 | 0.07 | 0.066 | 0.14 | NS |
| 44 | 130.00 | 132.00 | 2.00 | 33456 | 0.12 | 0.150 | 0.27 | 2.77 |
| 44 | 132.00 | 134.00 | 2.00 | 33457 | 0.08 | 0.086 | 0.17 | NS |
| 44 | 134.00 | 136.00 | 2.00 | 33458 | 0.05 | 0.085 | 0.14 | NS |
| 44 | 136.00 | 138.00 | 2.00 | 33459 | 0.20 | 0.202 | 0.40 | NS |
| 44 | 138.00 | 140.00 | 2.00 | 33460 | 0.05 | 0.083 | 0.13 | 2.74 |
| 44 | 140.00 | 142.00 | 2.00 | 33461 | 0.14 | 0.175 | 0.31 | NS |
| 44 | 142.00 | 144.00 | 2.00 | 33462 | 0.07 | 0.094 | 0.16 | NS |
| 44 | 144.00 | 146.00 | 2.00 | 33463 | 0.10 | 0.165 | 0.26 | NS |
| 44 | 146.00 | 148.00 | 2.00 | 33464 | 0.14 | 0.159 | 0.30 | 2.69 |
| 44 | 148.00 | 150.00 | 2.00 | 33465 | 0.10 | 0.129 | 0.23 | NS |
| 44 | 150.00 | 152.00 | 2.00 | 33466 | 0.09 | 0.106 | 0.20 | NS |
| 44 | 152.00 | 154.00 | 2.00 | 33467 | 0.08 | 0.083 | 0.16 | NS |
| 44 | 154.00 | 156.00 | 2.00 | 33468 | 0.16 | 0.114 | 0.27 | 2.70 |
| 44 | 156.00 | 158.00 | 2.00 | 33469 | 0.10 | 0.099 | 0.20 | NS |
| 44 | 158.00 | 160.00 | 2.00 | 33470 | 0.03 | 0.092 | 0.12 | NS |
| 44 | 160.00 | 162.00 | 2.00 | 33471 | 0.08 | 0.104 | 0.18 | NS |
| 44 | 162.00 | 164.00 | 2.00 | 33472 | 0.07 | 0.085 | 0.16 | 2.62 |

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|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 44 | 164.00 | 166.00 | 2.00 | 33473 | 0.21 | 0.111 | 0.32 | NS |
| 44 | 166.00 | 168.00 | 2.00 | 33474 | 0.04 | 0.052 | 0.09 | NS |
| 44 | 168.00 | 170.00 | 2.00 | 33475 | 0.02 | 0.048 | 0.07 | NS |
| 44 | 170.00 | 172.00 | 2.00 | 33476 | 0.09 | 0.059 | 0.15 | 2.64 |
| 44 | 172.00 | 174.00 | 2.00 | 33477 | 0.06 | 0.066 | 0.13 | NS |
| 44 | 174.00 | 176.00 | 2.00 | 33478 | 0.04 | 0.063 | 0.10 | NS |
| 44 | 176.00 | 178.00 | 2.00 | 33479 | 0.08 | 0.071 | 0.15 | NS |
| 44 | 178.00 | 180.00 | 2.00 | 33480 | 0.04 | 0.078 | 0.12 | 2.64 |
| 44 | 180.00 | 182.00 | 2.00 | 33481 | 0.02 | 0.086 | 0.11 | NS |
| 44 | 182.00 | 184.00 | 2.00 | 33482 | 0.06 | 0.100 | 0.16 | NS |
| 44 | 184.00 | 186.00 | 2.00 | 33483 | 0.02 | 0.067 | 0.09 | NS |
| 44 | 186.00 | 188.00 | 2.00 | 33484 | 0.03 | 0.050 | 0.08 | 2.68 |
| 44 | 188.00 | 190.00 | 2.00 | 33485 | 0.02 | 0.040 | 0.06 | NS |
| 44 | 190.00 | 192.00 | 2.00 | 33486 | 0.10 | 0.065 | 0.17 | NS |
| 44 | 192.00 | 194.00 | 2.00 | 33487 | 0.03 | 0.103 | 0.13 | NS |
| 44 | 194.00 | 196.00 | 2.00 | 33488 | 0.10 | 0.055 | 0.16 | 2.56 |
| 44 | 196.00 | 198.00 | 2.00 | 33489 | 0.04 | 0.072 | 0.11 | NS |
| 44 | 198.00 | 200.00 | 2.00 | 33490 | 0.10 | 0.102 | 0.20 | NS |
| 44 | 200.00 | 202.00 | 2.00 | 33491 | 0.04 | 0.062 | 0.10 | NS |
| 44 | 202.00 | 204.00 | 2.00 | 33492 | 0.05 | 0.096 | 0.15 | 2.63 |
| 44 | 204.00 | 206.00 | 2.00 | 33493 | 0.02 | 0.049 | 0.07 | NS |
| 44 | 206.00 | 208.00 | 2.00 | 33494 | 0.02 | 0.029 | 0.05 | NS |
| 44 | 208.00 | 210.00 | 2.00 | 33495 | 0.10 | 0.069 | 0.17 | NS |
| 44 | 210.00 | 212.00 | 2.00 | 33496 | 0.16 | 0.077 | 0.24 | 2.68 |
| 44 | 212.00 | 214.00 | 2.00 | 33497 | 0.09 | 0.091 | 0.18 | NS |
| 44 | 214.00 | 216.00 | 2.00 | 33498 | 0.10 | 0.121 | 0.22 | NS |
| 44 | 216.00 | 218.00 | 2.00 | 33499 | 0.02 | 0.058 | 0.08 | NS |
| 44 | 218.00 | 220.00 | 2.00 | 33500 | 0.02 | 0.078 | 0.10 | 2.76 |
| 44 | 220.00 | 222.00 | 2.00 | 33501 | 0.06 | 0.041 | 0.10 | NS |
| 44 | 222.00 | 224.00 | 2.00 | 33502 | 0.11 | 0.084 | 0.19 | NS |
| 44 | 224.00 | 226.00 | 2.00 | 33503 | 0.08 | 0.099 | 0.18 | NS |
| 44 | 226.00 | 228.00 | 2.00 | 33504 | 0.12 | 0.062 | 0.18 | 2.76 |
| 44 | 228.00 | 230.00 | 2.00 | 33505 | 0.13 | 0.079 | 0.21 | NS |
| 44 | 230.00 | 232.00 | 2.00 | 33506 | 0.10 | 0.094 | 0.19 | NS |
| 44 | 232.00 | 234.00 | 2.00 | 33507 | 0.03 | 0.061 | 0.09 | NS |
| 44 | 234.00 | 236.00 | 2.00 | 33508 | 0.05 | 0.116 | 0.17 | 2.71 |
| 44 | 236.00 | 238.00 | 2.00 | 33509 | 0.14 | 0.121 | 0.26 | NS |
| 44 | 238.00 | 240.00 | 2.00 | 33510 | 0.03 | 0.092 | 0.12 | NS |
| 44 | 240.00 | 242.00 | 2.00 | 33511 | 0.08 | 0.384 | 0.46 | NS |
| 44 | 242.00 | 244.00 | 2.00 | 33512 | 0.18 | 0.141 | 0.32 | 2.73 |
| 44 | 244.00 | 246.00 | 2.00 | 33513 | 0.12 | 0.124 | 0.24 | NS |
| 44 | 246.00 | 248.00 | 2.00 | 33514 | 0.05 | 0.103 | 0.15 | NS |
| 44 | 248.00 | 250.00 | 2.00 | 33515 | 0.12 | 0.161 | 0.28 | NS |
| 44 | 250.00 | 252.00 | 2.00 | 33516 | 0.10 | 0.152 | 0.25 | 2.68 |
| 44 | 252.00 | 254.00 | 2.00 | 33517 | 0.26 | 0.206 | 0.47 | NS |
| 44 | 254.00 | 256.00 | 2.00 | 33518 | 0.08 | 0.174 | 0.25 | NS |
| 44 | 256.00 | 258.00 | 2.00 | 33519 | 0.12 | 0.097 | 0.22 | NS |
| 44 | 258.00 | 260.00 | 2.00 | 33520 | 0.10 | 0.113 | 0.21 | 2.65 |
| 44 | 260.00 | 262.00 | 2.00 | 33521 | 0.20 | 0.174 | 0.37 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT

29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 44 | 262.00 | 264.00 | 2.00 | 33522 | 0.33 | 0.281 | 0.61 | NS |
| 44 | 264.00 | 266.00 | 2.00 | 33523 | 0.11 | 0.140 | 0.25 | NS |
| 44 | 266.00 | 268.00 | 2.00 | 33524 | 0.26 | 0.188 | 0.45 | 2.76 |
| 44 | 268.00 | 270.35 | 2.35 | 33525 | 0.10 | 0.165 | 0.26 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT

29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 45 | 15.24 | 16.76 | 1.52 | 33526 | 0.31 | 0.032 | 0.34 | 2.45 |
| 45 | 16.76 | 21.34 | 4.58 | 33527 | 0.40 | 0.086 | 0.49 | NS |
| 45 | 21.34 | 22.86 | 1.52 | NS | NS | NS | NS | NS |
| 45 | 22.86 | 25.90 | 3.04 | 33528 | 0.26 | 0.248 | 0.51 | NS |
| 45 | 25.90 | 28.96 | 3.06 | 33529 | 0.31 | 0.274 | 0.58 | NS |
| 45 | 28.96 | 33.53 | 4.57 | 33530 | 0.28 | 0.230 | 0.51 | 2.60 |
| 45 | 33.53 | 38.10 | 4.57 | 33531 | 0.09 | 0.114 | 0.20 | NS |
| 45 | 38.10 | 42.67 | 4.57 | 33532 | 0.16 | 0.115 | 0.28 | NS |
| 45 | 42.67 | 47.24 | 4.57 | 33533 | 0.31 | 0.129 | 0.44 | NS |
| 45 | 47.24 | 50.29 | 3.05 | 33534 | 0.24 | 0.145 | 0.38 | 2.68 |
| 45 | 50.29 | 51.82 | 1.53 | NS | NS | NS | NS | NS |
| 45 | 51.82 | 54.86 | 3.04 | 33535 | 0.19 | 0.091 | 0.28 | NS |
| 45 | 54.86 | 59.43 | 4.57 | 33536 | 0.18 | 0.128 | 0.31 | NS |
| 45 | 59.43 | 62.48 | 3.05 | NS | NS | NS | NS | NS |
| 45 | 62.48 | 64.00 | 1.52 | 33537 | 0.18 | 0.131 | 0.31 | NS |
| 45 | 64.00 | 65.53 | 1.53 | NS | NS | NS | NS | NS |
| 45 | 65.53 | 66.75 | 1.22 | 33537 | 0.18 | 0.131 | 0.31 | NS |
| 45 | 66.75 | 68.58 | 1.83 | 33538 | 0.20 | 0.095 | 0.29 | 2.67 |
| 45 | 68.58 | 70.10 | 1.52 | 33539 | 0.12 | 0.069 | 0.19 | NS |
| 45 | 70.10 | 71.63 | 1.53 | 33540 | 0.17 | 0.107 | 0.28 | NS |
| 45 | 71.63 | 73.15 | 1.52 | 33541 | 0.24 | 0.190 | 0.43 | NS |
| 45 | 73.15 | 76.00 | 2.85 | 33542 | 0.18 | 0.149 | 0.33 | 2.74 |
| 45 | 76.00 | 78.00 | 2.00 | 33543 | 0.17 | 0.145 | 0.31 | NS |
| 45 | 78.00 | 79.55 | 1.55 | 33544 | 0.15 | 0.082 | 0.23 | NS |
| 45 | 79.55 | 81.38 | 1.83 | NS | NS | NS | NS | NS |
| 45 | 81.38 | 84.00 | 2.62 | 33545 | 0.11 | 0.107 | 0.22 | NS |
| 45 | 84.00 | 86.00 | 2.00 | 33546 | 0.44 | 0.219 | 0.66 | 2.70 |
| 45 | 86.00 | 88.00 | 2.00 | 33547 | 0.29 | 0.160 | 0.45 | NS |
| 45 | 88.00 | 90.00 | 2.00 | 33548 | 0.13 | 0.108 | 0.24 | NS |
| 45 | 90.00 | 92.00 | 2.00 | 33549 | 0.10 | 0.072 | 0.17 | NS |
| 45 | 92.00 | 94.00 | 2.00 | 33550 | 0.09 | 0.078 | 0.17 | 2.76 |
| 45 | 94.00 | 96.00 | 2.00 | 33551 | 0.22 | 0.130 | 0.35 | NS |
| 45 | 96.00 | 98.00 | 2.00 | 33552 | 0.21 | 0.146 | 0.36 | NS |
| 45 | 98.00 | 100.00 | 2.00 | 33553 | 0.03 | 0.138 | 0.17 | NS |
| 45 | 100.00 | 102.00 | 2.00 | 33554 | 0.08 | 0.145 | 0.22 | 2.77 |
| 45 | 102.00 | 104.00 | 2.00 | 33555 | 0.19 | 0.112 | 0.30 | NS |
| 45 | 104.00 | 106.00 | 2.00 | 33556 | 0.25 | 0.160 | 0.41 | NS |
| 45 | 106.00 | 108.00 | 2.00 | 33557 | 0.10 | 0.103 | 0.20 | NS |
| 45 | 108.00 | 110.00 | 2.00 | 33558 | 0.23 | 0.137 | 0.37 | 2.88 |
| 45 | 110.00 | 112.00 | 2.00 | 33559 | 0.22 | 0.143 | 0.36 | NS |
| 45 | 112.00 | 114.00 | 2.00 | 33560 | 0.12 | 0.109 | 0.23 | NS |
| 45 | 114.00 | 116.00 | 2.00 | 33561 | 0.09 | 0.088 | 0.18 | NS |
| 45 | 116.00 | 118.00 | 2.00 | 33562 | 0.13 | 0.106 | 0.24 | 2.88 |
| 45 | 118.00 | 120.00 | 2.00 | 33563 | 0.12 | 0.118 | 0.24 | NS |
| 45 | 120.00 | 122.00 | 2.00 | 33564 | 0.10 | 0.090 | 0.19 | NS |
| 45 | 122.00 | 124.00 | 2.00 | 33565 | 0.17 | 0.144 | 0.31 | NS |
| 45 | 124.00 | 126.00 | 2.00 | 33566 | 0.09 | 0.114 | 0.20 | 2.90 |
| 45 | 126.00 | 128.00 | 2.00 | 33567 | 0.23 | 0.135 | 0.37 | NS |
| 45 | 128.00 | 130.00 | 2.00 | 33568 | 0.34 | 0.260 | 0.60 | NS |

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 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 45 | 130.00 | 132.00 | 2.00 | 33569 | 0.26 | 0.228 | 0.49 | NS |
| 45 | 132.00 | 134.00 | 2.00 | 33570 | 0.09 | 0.121 | 0.21 | 2.85 |
| 45 | 134.00 | 136.00 | 2.00 | 33571 | 0.12 | 0.168 | 0.29 | NS |
| 45 | 136.00 | 138.00 | 2.00 | 33572 | 0.18 | 0.116 | 0.30 | NS |
| 45 | 138.00 | 140.00 | 2.00 | 33573 | 0.09 | 0.105 | 0.19 | NS |
| 45 | 140.00 | 142.00 | 2.00 | 33574 | 0.13 | 0.101 | 0.23 | 2.89 |
| 45 | 142.00 | 144.00 | 2.00 | 33575 | 0.07 | 0.114 | 0.18 | NS |
| 45 | 144.00 | 146.00 | 2.00 | 33576 | 0.03 | 0.080 | 0.11 | NS |
| 45 | 146.00 | 148.00 | 2.00 | 33577 | 0.01 | 0.073 | 0.08 | NS |
| 45 | 148.00 | 150.00 | 2.00 | 33578 | 0.15 | 0.146 | 0.30 | 2.77 |
| 45 | 150.00 | 152.00 | 2.00 | 33579 | 0.10 | 0.112 | 0.21 | NS |
| 45 | 152.00 | 154.00 | 2.00 | 33580 | 0.20 | 0.161 | 0.36 | NS |
| 45 | 154.00 | 156.00 | 2.00 | 33581 | 0.18 | 0.142 | 0.32 | NS |
| 45 | 156.00 | 158.00 | 2.00 | 33582 | 0.24 | 0.187 | 0.43 | 2.74 |
| 45 | 158.00 | 160.00 | 2.00 | 33583 | 0.14 | 0.133 | 0.27 | NS |
| 45 | 160.00 | 162.00 | 2.00 | 33584 | 0.13 | 0.114 | 0.24 | NS |
| 45 | 162.00 | 164.00 | 2.00 | 33585 | 0.11 | 0.130 | 0.24 | NS |
| 45 | 164.00 | 166.00 | 2.00 | 33586 | 0.16 | 0.179 | 0.34 | 2.61 |
| 45 | 166.00 | 168.00 | 2.00 | 33587 | 0.06 | 0.147 | 0.21 | NS |
| 45 | 168.00 | 170.00 | 2.00 | 33588 | 0.02 | 0.095 | 0.12 | NS |
| 45 | 170.00 | 172.00 | 2.00 | 33589 | 0.06 | 0.112 | 0.17 | NS |
| 45 | 172.00 | 174.00 | 2.00 | 33590 | 0.05 | 0.102 | 0.15 | 2.71 |
| 45 | 174.00 | 176.00 | 2.00 | 33591 | 0.03 | 0.095 | 0.13 | NS |
| 45 | 176.00 | 178.00 | 2.00 | 33592 | 0.02 | 0.069 | 0.09 | NS |
| 45 | 178.00 | 180.00 | 2.00 | 33593 | 0.11 | 0.093 | 0.20 | NS |
| 45 | 180.00 | 182.00 | 2.00 | 33594 | 0.04 | 0.085 | 0.13 | 2.75 |
| 45 | 182.00 | 184.00 | 2.00 | 33595 | 0.22 | 0.151 | 0.37 | NS |
| 45 | 184.00 | 186.00 | 2.00 | 33596 | 0.04 | 0.097 | 0.14 | NS |
| 45 | 186.00 | 188.00 | 2.00 | 33597 | 0.10 | 0.127 | 0.23 | NS |
| 45 | 188.00 | 190.00 | 2.00 | 33598 | 0.32 | 0.140 | 0.46 | 2.71 |
| 45 | 190.00 | 192.00 | 2.00 | 33599 | 0.08 | 0.107 | 0.19 | NS |
| 45 | 192.00 | 194.00 | 2.00 | 33600 | 0.20 | 0.130 | 0.33 | NS |
| 45 | 194.00 | 196.00 | 2.00 | 33601 | 0.34 | 0.204 | 0.54 | NS |
| 45 | 196.00 | 198.00 | 2.00 | 33602 | 0.03 | 0.082 | 0.11 | 2.77 |
| 45 | 198.00 | 200.00 | 2.00 | 33603 | 0.04 | 0.121 | 0.16 | NS |
| 45 | 200.00 | 202.00 | 2.00 | 33604 | 0.09 | 0.103 | 0.19 | NS |
| 45 | 202.00 | 204.00 | 2.00 | 33605 | 0.04 | 0.076 | 0.12 | NS |
| 45 | 204.00 | 206.00 | 2.00 | 33606 | 0.03 | 0.097 | 0.13 | 2.87 |
| 45 | 206.00 | 208.00 | 2.00 | 33607 | 0.06 | 0.083 | 0.14 | NS |
| 45 | 208.00 | 210.00 | 2.00 | 33608 | 0.21 | 0.204 | 0.41 | NS |
| 45 | 210.00 | 212.00 | 2.00 | 33609 | 0.09 | 0.122 | 0.21 | NS |
| 45 | 212.00 | 214.00 | 2.00 | 33610 | 0.32 | 0.196 | 0.52 | 2.59 |
| 45 | 214.00 | 216.00 | 2.00 | 33611 | 0.19 | 0.146 | 0.34 | NS |
| 45 | 216.00 | 218.00 | 2.00 | 33612 | 0.19 | 0.174 | 0.36 | NS |
| 45 | 218.00 | 220.00 | 2.00 | 33613 | 0.14 | 0.162 | 0.30 | NS |
| 45 | 220.00 | 222.00 | 2.00 | 33614 | 0.22 | 0.200 | 0.42 | 2.64 |
| 45 | 222.00 | 224.00 | 2.00 | 33615 | 0.20 | 0.131 | 0.33 | NS |
| 45 | 224.00 | 226.00 | 2.00 | 33616 | 0.23 | 0.200 | 0.43 | NS |
| 45 | 226.00 | 228.00 | 2.00 | 33617 | 0.36 | 0.227 | 0.59 | NS |

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DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 45 | 228.00 | 230.00 | 2.00 | 33618 | 0.14 | 0.108 | 0.25 | 2.72 |
| 45 | 230.00 | 232.00 | 2.00 | 33619 | 0.10 | 0.083 | 0.18 | NS |
| 45 | 232.00 | 234.00 | 2.00 | 33620 | 0.11 | 0.123 | 0.23 | NS |
| 45 | 234.00 | 236.00 | 2.00 | 33621 | 0.10 | 0.114 | 0.21 | NS |
| 45 | 236.00 | 238.00 | 2.00 | 33622 | 0.23 | 0.126 | 0.36 | 2.67 |
| 45 | 238.00 | 240.00 | 2.00 | 33623 | 0.03 | 0.050 | 0.08 | NS |
| 45 | 240.00 | 242.00 | 2.00 | 33624 | 0.10 | 0.119 | 0.22 | NS |
| 45 | 242.00 | 244.00 | 2.00 | 33625 | 0.09 | 0.095 | 0.19 | NS |
| 45 | 244.00 | 246.00 | 2.00 | 33626 | 0.30 | 0.222 | 0.52 | 2.79 |
| 45 | 246.00 | 248.00 | 2.00 | 33627 | 0.10 | 0.108 | 0.21 | NS |
| 45 | 248.00 | 250.00 | 2.00 | 33628 | 0.15 | 0.133 | 0.28 | NS |
| 45 | 250.00 | 252.00 | 2.00 | 33629 | 0.12 | 0.137 | 0.26 | NS |
| 45 | 252.00 | 254.00 | 2.00 | 33630 | 0.10 | 0.089 | 0.19 | 2.92 |
| 45 | 254.00 | 256.00 | 2.00 | 33631 | 0.11 | 0.111 | 0.22 | NS |
| 45 | 256.00 | 258.00 | 2.00 | 33632 | 0.09 | 0.106 | 0.20 | NS |
| 45 | 258.00 | 260.00 | 2.00 | 33633 | 0.13 | 0.139 | 0.27 | NS |
| 45 | 260.00 | 262.00 | 2.00 | 33634 | 0.11 | 0.106 | 0.22 | 2.80 |
| 45 | 262.00 | 264.00 | 2.00 | 33635 | 0.12 | 0.096 | 0.22 | NS |
| 45 | 264.00 | 266.00 | 2.00 | 33636 | 0.15 | 0.108 | 0.26 | NS |
| 45 | 266.00 | 268.00 | 2.00 | 33637 | 0.24 | 0.151 | 0.39 | NS |
| 45 | 268.00 | 270.00 | 2.00 | 33638 | 0.10 | 0.103 | 0.20 | 2.77 |
| 45 | 270.00 | 272.00 | 2.00 | 33639 | 0.11 | 0.104 | 0.21 | NS |
| 45 | 272.00 | 274.00 | 2.00 | 33640 | 0.15 | 0.100 | 0.25 | NS |
| 45 | 274.00 | 276.45 | 2.45 | 33641 | 0.10 | 0.118 | 0.22 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|-------------|----------|--------|--------------|---------------|------------|-------|-------------|------------|
| 46 | 3.04 | 7.62 | 4.58 | 33642 | 0.08 | 0.010 | 0.09 | 2.49 |
| 46 | 7.62 | 10.66 | 3.04 | 33643 | 0.42 | 0.024 | 0.44 | NS |
| 46 | 10.66 | 12.19 | 1.53 | 33644 | 0.38 | 0.160 | 0.54 | NS |
| 46 | 12.19 | 13.71 | 1.52 | 33645 | 0.27 | 0.149 | 0.42 | NS |
| 46 | 13.71 | 15.24 | 1.53 | 33646 | 0.58 | 0.426 | 1.01 | 2.68 |
| 46 | 15.24 | 18.29 | 3.05 | 33647 | 0.41 | 0.255 | 0.67 | NS |
| 46 | 18.29 | 19.81 | 1.52 | 33648 | 0.67 | 0.442 | 1.11 | NS |
| 46 | 19.81 | 22.81 | 3.00 | 33649 | 0.53 | 0.360 | 0.89 | NS |
| 46 | 22.81 | 24.38 | 1.57 | 33650 | 0.64 | 0.323 | 0.96 | 2.63 |
| 46 | 24.38 | 25.90 | 1.52 | 33651 | 0.58 | 0.344 | 0.92 | NS |
| 46 | 25.90 | 27.43 | 1.53 | 33652 | 0.19 | 0.159 | 0.35 | NS |
| 46 | 27.43 | 28.95 | 1.52 | 33653 | 0.30 | 0.223 | 0.52 | NS |
| 46 | 28.95 | 32.00 | 3.05 | 33654 | 0.12 | 0.078 | 0.20 | 2.70 |
| 46 | 32.00 | 33.53 | 1.53 | 33655 | 0.28 | 0.181 | 0.46 | NS |
| 46 | 33.53 | 35.35 | 1.82 | 33656 | 0.20 | 0.116 | 0.32 | NS |
| 46 | 35.35 | 38.10 | 2.75 | 33657 | 0.28 | 0.163 | 0.44 | NS |
| 46 | 38.10 | 41.14 | 3.04 | 33658 | 0.34 | 0.190 | 0.53 | 2.72 |
| 46 | 41.14 | 42.67 | 1.53 | NS | NS | NS | NS | NS |
| 46 | 42.67 | 45.72 | 3.05 | 33659 | 0.23 | 0.143 | 0.37 | NS |
| 46 | 45.72 | 47.24 | 1.52 | 33660 | 0.27 | 0.135 | 0.41 | NS |
| 46 | 47.24 | 50.29 | 3.05 | 33661 | 0.29 | 0.185 | 0.47 | NS |
| 46 | 50.29 | 53.34 | 3.05 | 33662 | 0.37 | 0.220 | 0.59 | 2.68 |
| 46 | 53.34 | 56.38 | 3.04 | 33663 | 0.20 | 0.108 | 0.31 | NS |
| 46 | 56.38 | 62.48 | 6.10 | 33664 | 0.22 | 0.109 | 0.33 | NS |
| 46 | 62.48 | 70.10 | 7.62 | 33665 | 0.64 | 0.326 | 0.97 | NS |
| 46 | 70.10 | 73.15 | 3.05 | NS | NS | NS | NS | NS |
| 46 | 73.15 | 76.20 | 3.05 | 33666 | 0.90 | 0.591 | 1.49 | 2.65 |
| 46 | 76.20 | 77.72 | 1.52 | 33667 | 0.12 | 0.087 | 0.21 | NS |
| 46 | 77.72 | 79.24 | 1.52 | 33668 | 0.12 | 0.096 | 0.22 | NS |
| 46 | 79.24 | 83.82 | 4.58 | 33669 | 0.18 | 0.102 | 0.28 | NS |
| 46 | 83.82 | 86.86 | 3.04 | NS | NS | NS | NS | NS |
| 46 | 86.86 | 91.44 | 4.58 | 33670 | 0.10 | 0.070 | 0.17 | 2.63 |
| 46 | 91.44 | 93.57 | 2.13 | NS | NS | NS | NS | NS |
| 46 | 93.57 | 100.00 | 6.43 | 33671 | 0.12 | 0.081 | 0.20 | NS |
| 46 | 100.00 | 102.00 | 2.00 | 33672 | 0.14 | 0.061 | 0.20 | NS |
| 46 | 102.00 | 104.00 | 2.00 | 33673 | 0.20 | 0.086 | 0.29 | NS |
| 46 | 104.00 | 106.00 | 2.00 | 33674 | 0.31 | 0.097 | 0.41 | 2.70 |
| 46 | 106.00 | 108.00 | 2.00 | 33675 | 0.10 | 0.074 | 0.17 | NS |
| 46 | 108.00 | 110.00 | 2.00 | 33676 | 0.19 | 0.052 | 0.24 | NS |
| 46 | 110.00 | 112.00 | 2.00 | 33677 | 0.09 | 0.063 | 0.15 | NS |
| 46 | 112.00 | 114.00 | 2.00 | 33678 | 0.10 | 0.067 | 0.17 | 2.87 |
| 46 | 114.00 | 116.00 | 2.00 | 33679 | 0.10 | 0.060 | 0.16 | NS |
| 46 | 116.00 | 118.00 | 2.00 | 33680 | 0.12 | 0.078 | 0.20 | NS |
| 46 | 118.00 | 120.00 | 2.00 | 33681 | 0.27 | 0.096 | 0.37 | NS |
| 46 | 120.00 | 122.00 | 2.00 | 33682 | 0.22 | 0.089 | 0.31 | 2.92 |
| 46 | 122.00 | 124.00 | 2.00 | 33683 | 0.09 | 0.050 | 0.14 | NS |
| 46 | 124.00 | 126.00 | 2.00 | 33684 | 0.09 | 0.059 | 0.15 | NS |
| 46 | 126.00 | 128.00 | 2.00 | 33685 | 0.08 | 0.060 | 0.14 | NS |
| 46 | 128.00 | 130.00 | 2.00 | 33686 | 0.07 | 0.046 | 0.12 | 2.88 |

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DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 46 | 130.00 | 132.00 | 2.00 | 33687 | 0.19 | 0.071 | 0.26 | NS |
| 46 | 132.00 | 134.00 | 2.00 | 33688 | 0.08 | 0.041 | 0.12 | NS |
| 46 | 134.00 | 136.00 | 2.00 | 33689 | 0.12 | 0.052 | 0.17 | NS |
| 46 | 136.00 | 138.00 | 2.00 | 33690 | 0.12 | 0.091 | 0.21 | 2.92 |
| 46 | 138.00 | 140.00 | 2.00 | 33691 | 0.09 | 0.037 | 0.13 | NS |
| 46 | 140.00 | 142.00 | 2.00 | 33692 | 0.10 | 0.052 | 0.15 | NS |
| 46 | 142.00 | 144.00 | 2.00 | 33693 | 0.10 | 0.047 | 0.15 | NS |
| 46 | 144.00 | 146.00 | 2.00 | 33694 | 0.12 | 0.051 | 0.17 | 2.94 |
| 46 | 146.00 | 148.00 | 2.00 | 33695 | 0.12 | 0.052 | 0.17 | NS |
| 46 | 148.00 | 150.00 | 2.00 | 33696 | 0.10 | 0.040 | 0.14 | NS |
| 46 | 150.00 | 152.00 | 2.00 | 33697 | 0.09 | 0.054 | 0.14 | NS |
| 46 | 152.00 | 154.00 | 2.00 | 33698 | 0.10 | 0.062 | 0.16 | 2.89 |
| 46 | 154.00 | 156.00 | 2.00 | 33699 | 0.11 | 0.087 | 0.20 | NS |
| 46 | 156.00 | 158.00 | 2.00 | 33700 | 0.10 | 0.048 | 0.15 | NS |
| 46 | 158.00 | 160.00 | 2.00 | 33701 | 0.07 | 0.041 | 0.11 | NS |
| 46 | 160.00 | 162.00 | 2.00 | 33702 | 0.04 | 0.031 | 0.07 | 2.79 |
| 46 | 162.00 | 164.00 | 2.00 | 33703 | 0.14 | 0.080 | 0.22 | NS |
| 46 | 164.00 | 166.00 | 2.00 | 33704 | 0.10 | 0.072 | 0.17 | NS |
| 46 | 166.00 | 168.00 | 2.00 | 33705 | 0.12 | 0.078 | 0.20 | NS |
| 46 | 168.00 | 170.00 | 2.00 | 33706 | 0.09 | 0.067 | 0.16 | 2.73 |
| 46 | 170.00 | 172.00 | 2.00 | 33707 | 0.07 | 0.049 | 0.12 | NS |
| 46 | 172.00 | 174.00 | 2.00 | 33708 | 0.23 | 0.086 | 0.32 | NS |
| 46 | 174.00 | 176.00 | 2.00 | 33709 | 0.08 | 0.045 | 0.13 | NS |
| 46 | 176.00 | 178.00 | 2.00 | 33710 | 0.14 | 0.065 | 0.20 | 3.09 |
| 46 | 178.00 | 180.00 | 2.00 | 33711 | 0.13 | 0.069 | 0.20 | NS |
| 46 | 180.00 | 182.00 | 2.00 | 33712 | 0.09 | 0.036 | 0.13 | NS |
| 46 | 182.00 | 184.00 | 2.00 | 33713 | 0.11 | 0.074 | 0.18 | NS |
| 46 | 184.00 | 186.00 | 2.00 | 33714 | 0.08 | 0.048 | 0.13 | 2.91 |
| 46 | 186.00 | 188.00 | 2.00 | 33715 | 0.12 | 0.075 | 0.19 | NS |
| 46 | 188.00 | 190.00 | 2.00 | 33716 | 0.14 | 0.072 | 0.21 | NS |
| 46 | 190.00 | 192.00 | 2.00 | 33717 | 0.12 | 0.070 | 0.19 | NS |
| 46 | 192.00 | 194.00 | 2.00 | 33718 | 0.12 | 0.076 | 0.20 | 2.89 |
| 46 | 194.00 | 196.00 | 2.00 | 33719 | 0.10 | 0.067 | 0.17 | NS |
| 46 | 196.00 | 198.00 | 2.00 | 33720 | 0.11 | 0.071 | 0.18 | NS |
| 46 | 198.00 | 200.00 | 2.00 | 33721 | 0.18 | 0.156 | 0.34 | NS |
| 46 | 200.00 | 202.00 | 2.00 | 33722 | 0.25 | 0.135 | 0.38 | 2.86 |
| 46 | 202.00 | 204.00 | 2.00 | 33723 | 0.32 | 0.152 | 0.47 | NS |
| 46 | 204.00 | 206.00 | 2.00 | 33724 | 0.57 | 0.291 | 0.86 | NS |
| 46 | 206.00 | 208.00 | 2.00 | 33725 | 0.70 | 0.257 | 0.96 | NS |
| 46 | 208.00 | 210.00 | 2.00 | 33726 | 0.38 | 0.178 | 0.56 | 2.92 |
| 46 | 210.00 | 212.00 | 2.00 | 33727 | 0.33 | 0.163 | 0.49 | NS |
| 46 | 212.00 | 214.00 | 2.00 | 33728 | 0.21 | 0.139 | 0.35 | NS |
| 46 | 214.00 | 216.00 | 2.00 | 33729 | 0.43 | 0.258 | 0.69 | NS |
| 46 | 216.00 | 218.00 | 2.00 | 33730 | 0.60 | 0.401 | 1.00 | 2.83 |
| 46 | 218.00 | 220.00 | 2.00 | 33731 | 0.52 | 0.256 | 0.78 | NS |
| 46 | 220.00 | 222.00 | 2.00 | 33732 | 0.50 | 0.204 | 0.70 | NS |
| 46 | 222.00 | 224.00 | 2.00 | 33733 | 0.18 | 0.137 | 0.32 | NS |
| 46 | 224.00 | 226.00 | 2.00 | 33734 | 0.33 | 0.171 | 0.50 | 2.84 |
| 46 | 226.00 | 228.00 | 2.00 | 33735 | 0.22 | 0.140 | 0.36 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT

29-May-92

DRILL HOLE ANALYTICAL DATA

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 46 | 228.00 | 230.00 | 2.00 | 33736 | 0.18 | 0.112 | 0.29 | NS |
| 46 | 230.00 | 232.00 | 2.00 | 33737 | 0.17 | 0.129 | 0.30 | NS |
| 46 | 232.00 | 234.00 | 2.00 | 33738 | 0.13 | 0.115 | 0.25 | 2.84 |
| 46 | 234.00 | 236.00 | 2.00 | 33739 | 0.12 | 0.098 | 0.22 | NS |
| 46 | 236.00 | 238.00 | 2.00 | 33740 | 0.10 | 0.100 | 0.20 | NS |
| 46 | 238.00 | 240.00 | 2.00 | 33741 | 0.11 | 0.081 | 0.19 | NS |
| 46 | 240.00 | 242.00 | 2.00 | 33742 | 0.13 | 0.092 | 0.22 | 2.85 |
| 46 | 242.00 | 244.00 | 2.00 | 33743 | 0.09 | 0.083 | 0.17 | NS |
| 46 | 244.00 | 246.00 | 2.00 | 33744 | 0.20 | 0.140 | 0.34 | NS |
| 46 | 246.00 | 248.00 | 2.00 | 33745 | 0.39 | 0.226 | 0.62 | NS |
| 46 | 248.00 | 250.00 | 2.00 | 33746 | 0.24 | 0.154 | 0.39 | 2.88 |
| 46 | 250.00 | 252.00 | 2.00 | 33747 | 0.44 | 0.273 | 0.71 | NS |
| 46 | 252.00 | 254.00 | 2.00 | 33748 | 0.30 | 0.187 | 0.49 | NS |
| 46 | 254.00 | 256.00 | 2.00 | 33749 | 0.36 | 0.206 | 0.57 | NS |
| 46 | 256.00 | 258.00 | 2.00 | 33750 | 0.38 | 0.228 | 0.61 | 2.87 |
| 46 | 258.00 | 260.00 | 2.00 | 33751 | 0.60 | 0.314 | 0.91 | NS |
| 46 | 260.00 | 262.00 | 2.00 | 33752 | 0.44 | 0.287 | 0.73 | NS |
| 46 | 262.00 | 264.00 | 2.00 | 33753 | 0.41 | 0.168 | 0.58 | NS |
| 46 | 264.00 | 266.00 | 2.00 | 33754 | 0.17 | 0.086 | 0.26 | 2.87 |
| 46 | 266.00 | 268.00 | 2.00 | 33755 | 0.30 | 0.136 | 0.44 | NS |
| 46 | 268.00 | 270.00 | 2.00 | 33756 | 0.11 | 0.064 | 0.17 | NS |
| 46 | 270.00 | 272.00 | 2.00 | 33757 | 0.37 | 0.161 | 0.53 | NS |
| 46 | 272.00 | 274.00 | 2.00 | 33758 | 1.15 | 0.413 | 1.56 | 2.91 |
| 46 | 274.00 | 276.00 | 2.00 | 33759 | 0.56 | 0.217 | 0.78 | NS |
| 46 | 276.00 | 278.00 | 2.00 | 33760 | 0.30 | 0.206 | 0.51 | NS |
| 46 | 278.00 | 280.00 | 2.00 | 33761 | 0.16 | 0.104 | 0.26 | NS |
| 46 | 280.00 | 282.00 | 2.00 | 33762 | 0.17 | 0.107 | 0.28 | 2.81 |
| 46 | 282.00 | 284.00 | 2.00 | 33763 | 0.31 | 0.192 | 0.50 | NS |
| 46 | 284.00 | 286.00 | 2.00 | 33764 | 0.44 | 0.165 | 0.61 | NS |
| 46 | 286.00 | 288.00 | 2.00 | 33765 | 0.71 | 0.209 | 0.92 | NS |
| 46 | 288.00 | 290.00 | 2.00 | 33766 | 0.46 | 0.200 | 0.66 | 2.88 |
| 46 | 290.00 | 292.00 | 2.00 | 33767 | 0.33 | 0.128 | 0.46 | NS |
| 46 | 292.00 | 294.00 | 2.00 | 33768 | 0.49 | 0.245 | 0.74 | NS |
| 46 | 294.00 | 296.00 | 2.00 | 33769 | 0.32 | 0.155 | 0.47 | NS |
| 46 | 296.00 | 298.00 | 2.00 | 33770 | 0.46 | 0.176 | 0.64 | 2.76 |
| 46 | 298.00 | 300.00 | 2.00 | 33771 | 0.31 | 0.154 | 0.46 | NS |
| 46 | 300.00 | 302.00 | 2.00 | 33772 | 0.20 | 0.143 | 0.34 | NS |
| 46 | 302.00 | 304.00 | 2.00 | 33773 | 0.22 | 0.194 | 0.41 | NS |
| 46 | 304.00 | 306.00 | 2.00 | 33774 | 0.35 | 0.131 | 0.48 | 2.83 |
| 46 | 306.00 | 308.00 | 2.00 | 33775 | 0.40 | 0.143 | 0.54 | NS |
| 46 | 308.00 | 310.00 | 2.00 | 33776 | 0.55 | 0.189 | 0.74 | NS |
| 46 | 310.00 | 312.00 | 2.00 | 33777 | 0.30 | 0.112 | 0.41 | NS |
| 46 | 312.00 | 314.00 | 2.00 | 33778 | 0.20 | 0.096 | 0.30 | 2.84 |
| 46 | 314.00 | 316.00 | 2.00 | 33779 | 0.36 | 0.155 | 0.51 | NS |
| 46 | 316.00 | 318.00 | 2.00 | 33780 | 0.62 | 0.224 | 0.84 | NS |
| 46 | 318.00 | 320.00 | 2.00 | 33781 | 0.49 | 0.203 | 0.69 | NS |
| 46 | 320.00 | 322.20 | 2.20 | 33782 | 0.47 | 0.190 | 0.66 | 2.85 |
| 46 | 322.20 | 324.00 | 1.80 | 33783 | 0.30 | 0.174 | 0.47 | NS |
| 46 | 324.00 | 326.00 | 2.00 | 33784 | 0.39 | 0.140 | 0.53 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 46 | 326.00 | 328.00 | 2.00 | 33785 | 0.30 | 0.165 | 0.47 | NS |
| 46 | 328.00 | 330.00 | 2.00 | 33786 | 0.19 | 0.131 | 0.32 | 2.73 |
| 46 | 330.00 | 332.00 | 2.00 | 33787 | 0.23 | 0.127 | 0.36 | NS |
| 46 | 332.00 | 334.00 | 2.00 | 33788 | 0.46 | 0.207 | 0.67 | NS |
| 46 | 334.00 | 336.00 | 2.00 | 33789 | 0.32 | 0.184 | 0.50 | NS |
| 46 | 336.00 | 338.00 | 2.00 | 33790 | 0.21 | 0.115 | 0.32 | 2.77 |
| 46 | 338.00 | 340.47 | 2.47 | 33791 | 0.56 | 0.160 | 0.72 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|-------------|----------|--------|--------------|---------------|------------|-------|-------------|------------|
| 51 | 3.05 | 4.57 | 1.52 | 35573 | 0.10 | 0.055 | 0.16 | 2.56 |
| 51 | 4.57 | 7.00 | 2.43 | 35574 | 0.09 | 0.035 | 0.13 | NS |
| 51 | 7.00 | 7.62 | 0.62 | 35575 | 0.11 | 0.019 | 0.13 | NS |
| 51 | 7.62 | 9.14 | 1.52 | 35576 | 0.08 | 0.057 | 0.14 | NS |
| 51 | 9.14 | 10.67 | 1.53 | 35577 | 0.10 | 0.029 | 0.13 | 2.55 |
| 51 | 10.67 | 12.19 | 1.52 | 35578 | 0.11 | 0.074 | 0.18 | NS |
| 51 | 12.19 | 13.72 | 1.53 | 35579 | 0.19 | 0.222 | 0.41 | NS |
| 51 | 13.72 | 15.24 | 1.52 | 35580 | 0.17 | 0.301 | 0.47 | NS |
| 51 | 15.24 | 16.76 | 1.52 | 35581 | 0.10 | 0.065 | 0.17 | 2.69 |
| 51 | 16.76 | 21.33 | 4.57 | 35582 | 0.12 | 0.097 | 0.22 | NS |
| 51 | 21.33 | 22.86 | 1.53 | 35583 | 0.18 | 0.154 | 0.33 | NS |
| 51 | 22.86 | 24.38 | 1.52 | 35584 | 0.03 | 0.053 | 0.08 | NS |
| 51 | 24.38 | 25.91 | 1.53 | 35585 | 0.11 | 0.128 | 0.24 | 2.70 |
| 51 | 25.91 | 27.43 | 1.52 | 35586 | 0.13 | 0.128 | 0.26 | NS |
| 51 | 27.43 | 28.96 | 1.53 | 35587 | 0.26 | 0.213 | 0.47 | NS |
| 51 | 28.96 | 30.48 | 1.52 | 35588 | 0.04 | 0.030 | 0.07 | NS |
| 51 | 30.48 | 33.53 | 3.05 | 35589 | 0.10 | 0.072 | 0.17 | 2.69 |
| 51 | 33.53 | 35.05 | 1.52 | 35590 | 0.12 | 0.113 | 0.23 | NS |
| 51 | 35.05 | 38.10 | 3.05 | 35591 | 0.21 | 0.103 | 0.31 | NS |
| 51 | 38.10 | 39.62 | 1.52 | 35592 | 0.18 | 0.094 | 0.27 | NS |
| 51 | 39.62 | 41.15 | 1.53 | 35593 | 0.28 | 0.107 | 0.39 | 2.67 |
| 51 | 41.15 | 42.67 | 1.52 | 35594 | 0.18 | 0.102 | 0.28 | NS |
| 51 | 42.67 | 44.20 | 1.53 | 35595 | 0.17 | 0.088 | 0.26 | NS |
| 51 | 44.20 | 45.75 | 1.55 | 35596 | 0.21 | 0.069 | 0.28 | NS |
| 51 | 45.75 | 47.24 | 1.49 | 35597 | 0.08 | 0.035 | 0.12 | 2.72 |
| 51 | 47.24 | 48.77 | 1.53 | 35598 | 0.12 | 0.070 | 0.19 | NS |
| 51 | 48.77 | 50.29 | 1.52 | 35599 | 0.21 | 0.174 | 0.38 | NS |
| 51 | 50.29 | 57.91 | 7.62 | 35600 | 0.22 | 0.130 | 0.35 | NS |
| 51 | 57.91 | 60.96 | 3.05 | 35601 | 0.15 | 0.113 | 0.26 | 2.73 |
| 51 | 60.96 | 62.48 | 1.52 | 35602 | 0.19 | 0.038 | 0.23 | NS |
| 51 | 62.48 | 64.01 | 1.53 | 35603 | 0.19 | 0.066 | 0.26 | NS |
| 51 | 64.01 | 65.53 | 1.52 | 35604 | 0.10 | 0.058 | 0.16 | NS |
| 51 | 65.53 | 67.06 | 1.53 | 35605 | 0.11 | 0.058 | 0.17 | 2.66 |
| 51 | 67.06 | 68.58 | 1.52 | 35606 | 0.14 | 0.047 | 0.19 | NS |
| 51 | 68.58 | 71.63 | 3.05 | 35607 | 0.12 | 0.043 | 0.16 | NS |
| 51 | 71.63 | 73.15 | 1.52 | 35608 | 0.05 | 0.029 | 0.08 | NS |
| 51 | 73.15 | 74.68 | 1.53 | 35609 | 0.15 | 0.106 | 0.26 | 2.64 |
| 51 | 74.68 | 76.20 | 1.52 | 35610 | 0.45 | 0.217 | 0.67 | NS |
| 51 | 76.20 | 79.25 | 3.05 | 35611 | 0.29 | 0.109 | 0.40 | NS |
| 51 | 79.25 | 82.30 | 3.05 | 35612 | 0.06 | 0.025 | 0.09 | NS |
| 51 | 82.30 | 85.34 | 3.04 | 35613 | 0.20 | 0.161 | 0.36 | 2.64 |
| 51 | 85.34 | 86.87 | 1.53 | 35614 | 0.21 | 0.156 | 0.37 | NS |
| 51 | 86.87 | 89.92 | 3.05 | 35615 | 0.31 | 0.184 | 0.49 | NS |
| 51 | 89.92 | 92.96 | 3.04 | 35616 | 0.53 | 0.264 | 0.79 | NS |
| 51 | 92.96 | 94.49 | 1.53 | 35617 | 0.42 | 0.203 | 0.62 | 2.65 |
| 51 | 94.49 | 97.54 | 3.05 | 35618 | 0.31 | 0.187 | 0.50 | NS |
| 51 | 97.54 | 100.58 | 3.04 | 35619 | 0.94 | 0.436 | 1.38 | NS |
| 51 | 100.58 | 102.11 | 1.53 | 35620 | 0.44 | 0.143 | 0.58 | NS |
| 51 | 102.11 | 116.80 | 14.69 | NS | NS | NS | NS | NS |

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 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 51 | 116.80 | 118.00 | 1.20 | 35621 | 0.47 | 0.146 | 0.62 | 2.84 |
| 51 | 118.00 | 120.00 | 2.00 | 35622 | 0.46 | 0.139 | 0.60 | NS |
| 51 | 120.00 | 122.00 | 2.00 | 35623 | 0.62 | 0.198 | 0.82 | NS |
| 51 | 122.00 | 124.00 | 2.00 | 35624 | 0.31 | 0.102 | 0.41 | NS |
| 51 | 124.00 | 126.00 | 2.00 | 35625 | 0.40 | 0.152 | 0.55 | 2.80 |
| 51 | 126.00 | 128.00 | 2.00 | 35626 | 0.33 | 0.159 | 0.49 | NS |
| 51 | 128.00 | 130.00 | 2.00 | 35627 | 0.30 | 0.131 | 0.43 | NS |
| 51 | 130.00 | 132.00 | 2.00 | 35628 | 0.29 | 0.133 | 0.42 | NS |
| 51 | 132.00 | 134.00 | 2.00 | 35629 | 0.30 | 0.097 | 0.40 | 2.80 |
| 51 | 134.00 | 136.00 | 2.00 | 35630 | 0.09 | 0.023 | 0.11 | NS |
| 51 | 136.00 | 138.00 | 2.00 | 35631 | 0.28 | 0.157 | 0.44 | NS |
| 51 | 138.00 | 140.00 | 2.00 | 35632 | 0.44 | 0.280 | 0.72 | NS |
| 51 | 140.00 | 142.00 | 2.00 | 35633 | 0.19 | 0.086 | 0.28 | 2.82 |
| 51 | 142.00 | 144.00 | 2.00 | 35634 | 0.14 | 0.077 | 0.22 | NS |
| 51 | 144.00 | 146.00 | 2.00 | 35635 | 0.12 | 0.102 | 0.22 | NS |
| 51 | 146.00 | 148.00 | 2.00 | 35636 | 0.08 | 0.040 | 0.12 | NS |
| 51 | 148.00 | 150.00 | 2.00 | 35637 | 0.12 | 0.093 | 0.21 | 2.82 |
| 51 | 150.00 | 152.00 | 2.00 | 35638 | 0.18 | 0.149 | 0.33 | NS |
| 51 | 152.00 | 154.00 | 2.00 | 35639 | 0.10 | 0.052 | 0.15 | NS |
| 51 | 154.00 | 156.00 | 2.00 | 35640 | 0.19 | 0.106 | 0.30 | NS |
| 51 | 156.00 | 158.00 | 2.00 | 35641 | 0.15 | 0.084 | 0.23 | 2.80 |
| 51 | 158.00 | 160.00 | 2.00 | 35642 | 0.25 | 0.114 | 0.36 | NS |
| 51 | 160.00 | 162.00 | 2.00 | 35643 | 0.20 | 0.140 | 0.34 | NS |
| 51 | 162.00 | 164.00 | 2.00 | 35644 | 0.10 | 0.088 | 0.19 | NS |
| 51 | 164.00 | 166.00 | 2.00 | 35645 | 1.83 | 1.310 | 3.14 | 2.93 |
| 51 | 166.00 | 168.00 | 2.00 | 35646 | 0.58 | 0.468 | 1.05 | NS |
| 51 | 168.00 | 170.00 | 2.00 | 35647 | 0.12 | 0.048 | 0.17 | NS |
| 51 | 170.00 | 172.00 | 2.00 | 35648 | 0.26 | 0.089 | 0.35 | NS |
| 51 | 172.00 | 174.00 | 2.00 | 35649 | 0.15 | 0.071 | 0.22 | 2.81 |
| 51 | 174.00 | 176.00 | 2.00 | 35650 | 0.13 | 0.056 | 0.19 | NS |
| 51 | 176.00 | 178.00 | 2.00 | 35651 | 0.10 | 0.039 | 0.14 | NS |
| 51 | 178.00 | 180.00 | 2.00 | 35652 | 0.11 | 0.047 | 0.16 | NS |
| 51 | 180.00 | 182.00 | 2.00 | 35653 | 0.13 | 0.056 | 0.19 | 2.85 |
| 51 | 182.00 | 184.00 | 2.00 | 35654 | 0.24 | 0.085 | 0.32 | NS |
| 51 | 184.00 | 186.00 | 2.00 | 35655 | 0.18 | 0.077 | 0.26 | NS |
| 51 | 186.00 | 188.00 | 2.00 | 35656 | 0.19 | 0.097 | 0.29 | NS |
| 51 | 188.00 | 190.00 | 2.00 | 35657 | 0.20 | 0.104 | 0.30 | 2.82 |
| 51 | 190.00 | 192.00 | 2.00 | 35658 | 0.28 | 0.096 | 0.38 | NS |
| 51 | 192.00 | 194.00 | 2.00 | 35659 | 0.11 | 0.066 | 0.18 | NS |
| 51 | 194.00 | 196.00 | 2.00 | 35660 | 0.22 | 0.109 | 0.33 | NS |
| 51 | 196.00 | 198.00 | 2.00 | 35661 | 0.31 | 0.160 | 0.47 | 2.90 |
| 51 | 198.00 | 200.00 | 2.00 | 35662 | 0.50 | 0.194 | 0.69 | NS |
| 51 | 200.00 | 202.00 | 2.00 | 35663 | 0.46 | 0.167 | 0.63 | NS |
| 51 | 202.00 | 204.00 | 2.00 | 35664 | 0.62 | 0.256 | 0.88 | NS |
| 51 | 204.00 | 206.00 | 2.00 | 35665 | 0.49 | 0.219 | 0.71 | 2.84 |
| 51 | 206.00 | 208.00 | 2.00 | 35666 | 0.48 | 0.171 | 0.65 | NS |
| 51 | 208.00 | 210.00 | 2.00 | 35667 | 0.43 | 0.165 | 0.60 | NS |
| 51 | 210.00 | 212.00 | 2.00 | 35668 | 0.24 | 0.114 | 0.35 | NS |
| 51 | 212.00 | 214.00 | 2.00 | 35669 | 0.18 | 0.066 | 0.25 | 2.85 |

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 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 51 | 214.00 | 216.00 | 2.00 | 35670 | 0.15 | 0.053 | 0.20 | NS |
| 51 | 216.00 | 218.00 | 2.00 | 35671 | 0.14 | 0.048 | 0.19 | NS |
| 51 | 218.00 | 220.00 | 2.00 | 35672 | 0.09 | 0.051 | 0.14 | NS |
| 51 | 220.00 | 222.00 | 2.00 | 35673 | 0.72 | 0.263 | 0.98 | 2.93 |
| 51 | 222.00 | 224.00 | 2.00 | 35674 | 0.24 | 0.126 | 0.37 | NS |
| 51 | 224.00 | 226.00 | 2.00 | 35675 | 0.38 | 0.168 | 0.55 | NS |
| 51 | 226.00 | 228.00 | 2.00 | 35676 | 0.19 | 0.090 | 0.28 | NS |
| 51 | 228.00 | 230.00 | 2.00 | 35677 | 0.17 | 0.078 | 0.25 | 2.81 |
| 51 | 230.00 | 232.00 | 2.00 | 35678 | 0.21 | 0.064 | 0.27 | NS |
| 51 | 232.00 | 234.00 | 2.00 | 35679 | 0.18 | 0.057 | 0.24 | NS |
| 51 | 234.00 | 236.00 | 2.00 | 35680 | 0.13 | 0.044 | 0.17 | NS |
| 51 | 236.00 | 238.00 | 2.00 | 35681 | 0.12 | 0.058 | 0.18 | 2.84 |
| 51 | 238.00 | 240.00 | 2.00 | 35682 | 0.12 | 0.055 | 0.17 | NS |
| 51 | 240.00 | 242.00 | 2.00 | 35683 | 0.17 | 0.073 | 0.24 | NS |
| 51 | 242.00 | 244.00 | 2.00 | 35684 | 0.11 | 0.042 | 0.15 | NS |
| 51 | 244.00 | 246.00 | 2.00 | 35685 | 0.15 | 0.061 | 0.21 | 2.86 |
| 51 | 246.00 | 248.00 | 2.00 | 35686 | 0.10 | 0.026 | 0.13 | NS |
| 51 | 248.00 | 250.00 | 2.00 | 35687 | 0.12 | 0.047 | 0.17 | NS |
| 51 | 250.00 | 252.00 | 2.00 | 35688 | 0.10 | 0.054 | 0.15 | NS |
| 51 | 252.00 | 254.00 | 2.00 | 35689 | 0.18 | 0.071 | 0.25 | 2.67 |
| 51 | 254.00 | 256.00 | 2.00 | 35690 | 0.16 | 0.075 | 0.23 | NS |
| 51 | 256.00 | 258.00 | 2.00 | 35691 | 0.19 | 0.093 | 0.28 | NS |
| 51 | 258.00 | 260.00 | 2.00 | 35692 | 0.13 | 0.039 | 0.17 | NS |
| 51 | 260.00 | 262.00 | 2.00 | 35693 | 0.11 | 0.044 | 0.15 | 2.81 |
| 51 | 262.00 | 264.00 | 2.00 | 35694 | 0.12 | 0.065 | 0.19 | NS |
| 51 | 264.00 | 266.00 | 2.00 | 35695 | 0.10 | 0.067 | 0.17 | NS |
| 51 | 266.00 | 268.00 | 2.00 | 35696 | 0.21 | 0.098 | 0.31 | NS |
| 51 | 268.00 | 270.00 | 2.00 | 35697 | 0.13 | 0.107 | 0.24 | 2.89 |
| 51 | 270.00 | 272.00 | 2.00 | 35698 | 0.30 | 0.141 | 0.44 | NS |
| 51 | 272.00 | 274.00 | 2.00 | 35699 | 0.16 | 0.076 | 0.24 | NS |
| 51 | 274.00 | 276.00 | 2.00 | 35700 | 0.19 | 0.064 | 0.25 | NS |
| 51 | 276.00 | 278.00 | 2.00 | 35701 | 0.13 | 0.058 | 0.19 | 2.87 |
| 51 | 278.00 | 280.00 | 2.00 | 35702 | 0.45 | 0.186 | 0.64 | NS |
| 51 | 280.00 | 282.00 | 2.00 | 35703 | 2.52 | 0.469 | 2.99 | NS |
| 51 | 282.00 | 284.00 | 2.00 | 35704 | 0.20 | 0.076 | 0.28 | NS |
| 51 | 284.00 | 286.00 | 2.00 | 35705 | 0.10 | 0.122 | 0.22 | 2.83 |
| 51 | 286.00 | 288.00 | 2.00 | 35706 | 0.18 | 0.114 | 0.29 | NS |
| 51 | 288.00 | 290.00 | 2.00 | 35707 | 0.29 | 0.124 | 0.41 | NS |
| 51 | 290.00 | 292.00 | 2.00 | 35708 | 0.72 | 0.346 | 1.07 | NS |
| 51 | 292.00 | 294.00 | 2.00 | 35709 | 0.49 | 0.196 | 0.69 | 2.87 |
| 51 | 294.00 | 296.00 | 2.00 | 35710 | 0.20 | 0.108 | 0.31 | NS |
| 51 | 296.00 | 298.00 | 2.00 | 35711 | 0.27 | 0.173 | 0.44 | NS |
| 51 | 298.00 | 300.00 | 2.00 | 35712 | 0.09 | 0.059 | 0.15 | NS |
| 51 | 300.00 | 302.00 | 2.00 | 35713 | 0.07 | 0.041 | 0.11 | 2.87 |
| 51 | 302.00 | 304.00 | 2.00 | 35714 | 0.09 | 0.064 | 0.15 | NS |
| 51 | 304.00 | 306.00 | 2.00 | 35715 | 0.12 | 0.070 | 0.19 | NS |
| 51 | 306.00 | 308.00 | 2.00 | 35716 | 0.11 | 0.057 | 0.17 | NS |
| 51 | 308.00 | 310.00 | 2.00 | 35717 | 0.28 | 0.142 | 0.42 | 2.89 |
| 51 | 310.00 | 312.00 | 2.00 | 35718 | 0.24 | 0.119 | 0.36 | NS |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE ANALYTICAL DATA

29-May-92

GOLD ASSAYS - COPPER ASSAYS - CU NSR EQUIVALENTS - SPECIFIC GRAVITIES

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | SAMPLE NUMBER | AU g/tonne | CU % | CU EQUIV. % | S.G. gm/cc |
|----------------|-------------|-----------|-----------------|------------------|---------------|---------|----------------|---------------|
| 51 | 312.00 | 314.00 | 2.00 | 35719 | 0.19 | 0.093 | 0.28 | NS |
| 51 | 314.00 | 316.00 | 2.00 | 35720 | 0.14 | 0.051 | 0.19 | NS |
| 51 | 316.00 | 318.00 | 2.00 | 35721 | 0.30 | 0.102 | 0.40 | 2.90 |
| 51 | 318.00 | 320.00 | 2.00 | 35722 | 0.26 | 0.126 | 0.39 | NS |
| 51 | 320.00 | 322.00 | 2.00 | 35723 | 0.22 | 0.116 | 0.34 | NS |
| 51 | 322.00 | 324.00 | 2.00 | 35724 | 0.24 | 0.101 | 0.34 | NS |
| 51 | 324.00 | 326.00 | 2.00 | 35725 | 0.19 | 0.087 | 0.28 | 2.84 |
| 51 | 326.00 | 328.00 | 2.00 | 35726 | 0.18 | 0.076 | 0.26 | NS |
| 51 | 328.00 | 330.00 | 2.00 | 35727 | 0.09 | 0.042 | 0.13 | NS |
| 51 | 330.00 | 332.00 | 2.00 | 35728 | 0.12 | 0.052 | 0.17 | NS |
| 51 | 332.00 | 334.00 | 2.00 | 35729 | 0.20 | 0.100 | 0.30 | 2.84 |
| 51 | 334.00 | 336.00 | 2.00 | 35730 | 0.02 | 0.016 | 0.04 | NS |
| 51 | 336.00 | 337.40 | 1.40 | 35731 | 0.13 | 0.071 | 0.20 | NS |

Lithologic Units

Kemess Project

Computer Lithological Codes

| Code | Subcodes | Lithology |
|-------------|-------------|---|
| 0000 | | Overburden |
| | 0100 | No core-triconed (bedrock suspected) |
| | 0200 | No core - 0% recovery |
| | 0300 | Ferricrete |
| | 0400 | Talus |
| 9000 | | Fault |
| | 9XX0 | Fault protolith indicated by 2nd & 3rd digit |
| 8000 | | Tertiary Sediments - Volcanics |
| | 8100 | Sandstone-Greywacke |
| | 8200 | Conglomerate |
| | 8300 | Basalt |
| | 8400 | Siltstone |
| 7000 | | Intrusions with >20% primary quartz |
| | 7100 | Granite |
| | 7200 | Granodiorite |
| | 7300 | Tonalite |
| | 7400 | Others |
| 6000 | | Intrusions with <20% primary quartz |
| | 6100 | Diorite-Gabbro |
| | 6200 | Monzodiorite |
| | 6300 | Monzonite |
| | 6400 | Syenite |
| | 6500 | Others |
| | (3rd digit) | 0 = not applicable 1 = 0 to 10% primary quartz 2 = 10 to 20% primary quartz |
| | (4th digit) | 0 = not applicable 1 = non - porphyritic 2 = porphyritic |
| 5000 | | Modified Intrusive Products |
| | 5100 | Intrusive - Volcanic Hybrid (assimilative product) |
| | 5200 | Lag horizon (consisting of intrusive fragments) |
| 4000 | | Takla sediments |
| | 4100 | Chert |
| | 4200 | Mudstone |
| | 4300 | Greywacke |
| | 4400 | Siltstone/sandstone |
| 3000 | | Takla shale - argillite |
| 2000 | | Takla limestone |
| 1000 | | Takla volcanics |
| | 1100 | Rhyolite |
| | 1200 | Trachyte |
| | 1300 | Rhodacite |
| | 1400 | Dacite |
| | 1500 | Latite |
| | 1600 | Andesite |
| | 1700 | Basalt |

Lithologic Units (Continued)

Kemess Project

Computer Lithological Codes

| Code | Subcodes | Lithology |
|------|-------------|---|
| | (3rd digit) | 0 = not applicable 1 = pyroclastic 2 = flow |
| | (4th digit) | 0 = not applicable 1 = heterolithic 2 = monolithic 3 = bladed feldspar porphyritic 4 = pyroxene porphyritic |

Kemess Project

Computer Zone Codes

| | |
|----|---|
| 00 | Not Applicable |
| 10 | Supergene Monzonite |
| 15 | Supergene Tertiary Sediments & Lag with assay values |
| 16 | Supergene Tertiary Sediments & Lag without assay values |
| 20 | Hypogene Monzonite |
| 25 | Hypogene Takla Volcanics & Sediment |
| 30 | Broken Zone |
| 40 | Lower Zone |

Computer Alteration Codes

| | |
|---|--------------------|
| 0 | Not Applicable |
| 1 | Weak |
| 2 | Weak to Moderate |
| 3 | Moderate |
| 4 | Moderate to Strong |
| 5 | Strong |

Note: Throughout the database:
"NS" indicates Not Sampled
"IS" indicates Insufficient Sample
"NC" indicates Not Calculated

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI- ALT | K- ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|----------------|-------------|-----------|-----------------|--------------|--------------|-----|-----|------------|-----------|-----|------|-----|------|----|----|-----|---------|----------|
| 33 | 0.00 | 9.10 | 9.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 33 | 9.10 | 26.25 | 17.15 | 1623 | 30 | 0 | 2 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | 2 | NS | 2.0 | 0.0 |
| 33 | 26.25 | 35.66 | 9.41 | 1623 | 30 | 1 | 0 | 1 | 0 | 3 | 3 | 4 | 0 | 0 | 2 | NS | 2.0 | 0.1 |
| 33 | 35.66 | 36.86 | 1.20 | 9000 | 30 | 0 | 3 | 0 | 0 | 5 | 5 | 4 | 0 | 0 | NS | NS | 5.0 | 0.0 |
| 33 | 36.86 | 53.95 | 17.09 | 6212 | 30 | 1 | 1 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | NS | NS | 3.0 | 0.1 |
| 33 | 53.95 | 99.67 | 45.72 | 1623 | 30 | NS | 1 | 0 | 0 | 2 | 2 | 4 | 1 | 0 | NS | NS | 2.0 | 0.1 |
| 33 | 99.67 | 114.91 | 15.24 | 1600 | 30 | 2 | 0 | 0 | 0 | 2 | 2 | 5 | 0 | 0 | 1 | NS | 3.0 | 0.1 |
| 33 | 114.91 | 121.01 | 6.10 | 1600 | 30 | 2 | 2 | 0 | 2 | 2 | 2 | 4 | 1 | 0 | 1 | NS | 3.0 | 0.3 |
| 33 | 121.01 | 123.35 | 2.34 | 1600 | 30 | 2 | 3 | 0 | 0 | 2 | 1 | 5 | 0 | 0 | 1 | NS | 5.0 | 0.1 |
| 33 | 123.35 | 124.05 | 0.70 | 1600 | 30 | 1 | 2 | 0 | 2 | 2 | 2 | 4 | 1 | 1 | 2 | NS | 3.0 | 0.3 |
| 33 | 124.05 | 135.20 | 11.15 | 1600 | 40 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 33 | 135.20 | 146.70 | 11.50 | 1600 | 40 | NS | 3 | 0 | 3 | 2 | 1 | 3 | 2 | 3 | 3 | 2 | 3.0 | 0.5 |
| 33 | 146.70 | 147.46 | 0.76 | 6212 | 40 | NS | 2 | 0 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | NS | 3.0 | 0.5 |
| 33 | 147.46 | 152.10 | 4.64 | 1600 | 40 | NS | 2 | 0 | 2 | 2 | 2 | 3 | 2 | 3 | NS | NS | 3.0 | 0.3 |
| 33 | 152.10 | 162.00 | 9.90 | 6212 | 40 | 1 | 3 | 1 | 2 | 3 | 1 | 4 | 2 | 3 | 2 | NS | 3.0 | 0.3 |
| 33 | 162.00 | 177.82 | 15.82 | 6212 | 40 | 1 | 3 | 0 | 2 | 3 | 1 | 4 | 2 | 3 | 2 | NS | 3.0 | 0.3 |
| 33 | 177.82 | 205.48 | 27.66 | 1600 | 40 | 1 | 2 | 3 | 1 | 2 | 1 | 3 | 2 | 3 | 3 | NS | 3.0 | 0.3 |
| 33 | 205.48 | 208.50 | 3.02 | 6211 | 40 | 0 | 2 | 3 | 1 | 2 | 1 | 4 | 1 | 3 | 3 | NS | 3.0 | 0.5 |
| 33 | 208.50 | 236.57 | 28.07 | 5100 | 40 | NS | 4 | 3 | 1 | 1 | 1 | 4 | 2 | 5 | NS | 2 | 4.0 | 0.5 |
| 33 | 236.57 | 241.23 | 4.66 | 1600 | 40 | NS | 2 | 3 | 1 | 0 | 0 | 3 | 1 | 1 | NS | NS | 4.0 | 0.3 |
| 33 | 241.23 | 242.15 | 0.92 | 6511 | 40 | NS | 1 | 1 | 1 | 1 | 0 | 3 | 1 | 1 | NS | NS | 1.0 | 0.1 |
| 33 | 242.15 | 273.60 | 31.45 | 1600 | 40 | 1 | 2 | 1 | 1 | 1 | 0 | 3 | 1 | 1 | NS | NS | 3.0 | 0.5 |
| 33 | 273.60 | 306.93 | 33.33 | 1600 | 40 | 1 | 2 | 0 | 1 | 1 | 0 | 3 | 1 | 1 | NS | NS | 3.0 | 0.5 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI- ALT | K- ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|----------------|-------------|-----------|-----------------|--------------|--------------|-----|-----|------------|-----------|-----|------|-----|------|----|----|-----|---------|----------|
| 34 | 0.00 | 9.10 | 9.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 34 | 9.10 | 26.52 | 17.42 | 1623 | 30 | NS | 1 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | NS | NS | 2.0 | 0.1 |
| 34 | 26.52 | 66.14 | 39.62 | 6212 | 30 | NS | 1 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | NS | NS | 2.0 | 0.1 |
| 34 | 66.14 | 72.24 | 6.10 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 34 | 72.24 | 75.29 | 3.05 | 1620 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | NS | 0 | 2.0 | 0.0 |
| 34 | 75.29 | 87.48 | 12.19 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 34 | 87.48 | 90.53 | 3.05 | 1620 | 30 | 2 | 1 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | NS | NS | 3.0 | 0.1 |
| 34 | 90.53 | 92.28 | 1.75 | 1620 | 40 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 34 | 92.28 | 101.28 | 9.00 | 1624 | 40 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 0 | 1 | NS | NS | 3.0 | 0.1 |
| 34 | 101.28 | 107.02 | 5.74 | 1624 | 40 | 1 | 3 | 5 | 3 | 1 | 1 | 3 | 1 | 2 | NS | NS | 5.0 | 0.3 |
| 34 | 107.02 | 110.10 | 3.08 | 1624 | 40 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | NS | NS | 2.0 | 0.1 |
| 34 | 110.10 | 110.78 | 0.68 | 1624 | 40 | 1 | 4 | 2 | 1 | 1 | 1 | 2 | 0 | 2 | NS | NS | 5.0 | 0.3 |
| 34 | 110.78 | 124.03 | 13.25 | 1624 | 40 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | NS | NS | 3.0 | 0.3 |
| 34 | 124.03 | 128.18 | 4.15 | 1624 | 40 | 1 | 3 | 1 | 3 | 1 | 1 | 4 | 2 | 2 | NS | NS | 3.0 | 0.3 |
| 34 | 128.18 | 140.87 | 12.69 | 1624 | 40 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 0 | NS | NS | 3.0 | 0.3 |
| 34 | 140.87 | 142.03 | 1.16 | 9160 | 40 | 2 | 2 | 1 | 2 | 2 | 2 | 4 | 4 | 0 | 2 | NS | 3.0 | 0.1 |
| 34 | 142.03 | 143.68 | 1.65 | 1624 | 40 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 0 | NS | NS | 2.0 | 0.1 |
| 34 | 143.68 | 159.29 | 15.61 | 1624 | 40 | 2 | 3 | 1 | 2 | 1 | 1 | 3 | 3 | 0 | NS | 2 | 3.0 | 0.3 |
| 34 | 159.29 | 174.60 | 15.31 | 1624 | 40 | 1 | 3 | 3 | 2 | 1 | 1 | 3 | 2 | 5 | 3 | 1 | 3.0 | 0.3 |
| 34 | 174.60 | 182.10 | 7.50 | 1624 | 40 | 1 | 2 | 5 | 2 | 1 | 1 | 3 | 2 | 1 | NS | NS | 3.0 | 0.3 |
| 34 | 182.10 | 182.40 | 0.30 | 9160 | 40 | 0 | 2 | 0 | 1 | 1 | 1 | 4 | 4 | 0 | NS | NS | 2.0 | 0.1 |
| 34 | 182.40 | 200.20 | 17.80 | 1624 | 40 | 1 | 2 | 3 | 2 | 1 | 1 | 3 | 2 | 5 | NS | NS | 3.0 | 0.3 |
| 34 | 200.20 | 204.00 | 3.80 | 1624 | 40 | 0 | 5 | 1 | 2 | 1 | 1 | 3 | 1 | 5 | NS | 3 | 3.0 | 0.3 |
| 34 | 204.00 | 215.00 | 11.00 | 1624 | 40 | 1 | 3 | 1 | 2 | 0 | 0 | 3 | 2 | 3 | NS | NS | 3.0 | 0.5 |
| 34 | 215.00 | 222.12 | 7.12 | 6212 | 40 | 2 | 2 | 0 | 2 | 1 | 1 | 3 | 1 | 1 | NS | NS | 2.0 | 0.3 |
| 34 | 222.12 | 223.93 | 1.81 | 6212 | 40 | 0 | 4 | 0 | 2 | 1 | 1 | 3 | 2 | 1 | NS | NS | 10.0 | 0.3 |
| 34 | 223.93 | 245.70 | 21.77 | 6212 | 40 | 2 | 2 | 0 | 2 | 1 | 1 | 3 | 1 | 1 | NS | NS | 2.0 | 0.3 |
| 34 | 245.70 | 246.04 | 0.34 | 6212 | 40 | 2 | 1 | 0 | 2 | 2 | 2 | 3 | 5 | 1 | NS | NS | 2.0 | 0.1 |
| 34 | 246.04 | 269.76 | 23.72 | 6212 | 40 | 2 | 2 | 0 | 2 | 1 | 1 | 3 | 1 | 1 | NS | NS | 2.0 | 0.3 |
| 34 | 269.76 | 282.55 | 12.79 | 6212 | 40 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 1 | 1 | NS | NS | 2.0 | 0.3 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI- ALT | K- ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|----------------|-------------|-----------|-----------------|--------------|--------------|-----|-----|------------|-----------|-----|------|-----|------|----|----|-----|---------|----------|
| 35 | 0.00 | 6.70 | 6.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 35 | 6.70 | 15.00 | 8.30 | 6212 | 30 | NS | 1 | 0 | 0 | 3 | 3 | 3 | 1 | 0 | NS | NS | 2.0 | 0.1 |
| 35 | 15.00 | 20.00 | 5.00 | 6212 | 30 | NS | 1 | 0 | 0 | 4 | 4 | 3 | 1 | 0 | NS | NS | 3.0 | 0.1 |
| 35 | 20.00 | 20.42 | 0.42 | 9620 | 30 | NS | 1 | 0 | 0 | 5 | 5 | 4 | 1 | 0 | NS | NS | 2.0 | 0.0 |
| 35 | 20.42 | 25.50 | 5.08 | 6212 | 30 | NS | 2 | 0 | 0 | 4 | 4 | 3 | 1 | 0 | NS | NS | 3.0 | 0.3 |
| 35 | 25.50 | 25.65 | 0.15 | 9620 | 30 | NS | 2 | 0 | 0 | 5 | 5 | 4 | 1 | 0 | NS | NS | 3.0 | 0.0 |
| 35 | 25.65 | 38.71 | 13.06 | 6212 | 30 | NS | 2 | 0 | 0 | 4 | 4 | 3 | 2 | 0 | NS | NS | 3.0 | 0.1 |
| 35 | 38.71 | 44.81 | 6.10 | 6212 | 30 | NS | 1 | 0 | 0 | 2 | 2 | 3 | 1 | 0 | NS | NS | 3.0 | 0.1 |
| 35 | 44.81 | 46.33 | 1.52 | 1600 | 30 | NS | 1 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | NS | NS | 3.0 | 0.3 |
| 35 | 46.33 | 54.86 | 8.53 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 35 | 54.86 | 56.39 | 1.53 | 6212 | 30 | NS | 1 | 0 | 0 | 2 | 2 | 3 | 1 | 0 | NS | NS | 3.0 | 0.1 |
| 35 | 56.39 | 75.90 | 19.51 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 35 | 75.90 | 86.11 | 10.21 | 6212 | 40 | 3 | 2 | 0 | 2 | 2 | 2 | 3 | 2 | 0 | NS | NS | 3.0 | 0.3 |
| 35 | 86.11 | 104.00 | 17.89 | 1620 | 40 | 3 | 2 | 0 | 1 | 1 | 1 | 3 | 2 | 0 | 2 | 2 | 3.0 | 0.3 |
| 35 | 104.00 | 110.32 | 6.32 | 1620 | 40 | 1 | 2 | 0 | 1 | 1 | 1 | 3 | 2 | 1 | 2 | 2 | 3.0 | 0.3 |
| 35 | 110.32 | 113.50 | 3.18 | 1620 | 40 | 1 | 3 | 0 | 2 | 1 | 1 | 3 | 3 | 1 | 2 | 2 | 3.0 | 0.3 |
| 35 | 113.50 | 148.00 | 34.50 | 1620 | 40 | 1 | 2 | 0 | 1 | 1 | 1 | 3 | 2 | 1 | 2 | 2 | 3.0 | 0.3 |
| 35 | 148.00 | 165.60 | 17.60 | 5100 | 40 | NS | 2 | 2 | 2 | 1 | 1 | 3 | 2 | 2 | 2 | NS | 3.0 | 0.3 |
| 35 | 165.60 | 170.20 | 4.60 | 6212 | 40 | NS | 2 | 0 | 2 | 2 | 2 | 3 | 2 | 3 | NS | NS | 3.0 | 0.3 |
| 35 | 170.20 | 178.10 | 7.90 | 5100 | 40 | NS | 4 | 2 | 2 | 1 | 1 | 3 | 2 | 3 | 2 | 3 | 3.0 | 0.5 |
| 35 | 178.10 | 205.70 | 27.60 | 1620 | 40 | 2 | 2 | 0 | 3 | 1 | 1 | 3 | 3 | 2 | 2 | 2 | 3.0 | 0.5 |
| 35 | 205.70 | 218.00 | 12.30 | 1620 | 40 | 2 | 2 | 0 | 2 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 2.0 | 0.5 |
| 35 | 218.00 | 226.00 | 8.00 | 1620 | 40 | 2 | 2 | 0 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 2 | 2.0 | 0.3 |
| 35 | 226.00 | 239.80 | 13.80 | 1620 | 40 | 2 | 1 | 0 | 2 | 4 | 4 | 5 | 3 | 2 | 2 | 2 | 2.0 | 0.3 |
| 35 | 239.80 | 258.60 | 18.80 | 1620 | 40 | 2 | 3 | 0 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 1 | 3.0 | 0.5 |
| 35 | 258.60 | 262.50 | 3.90 | 1620 | 40 | 1 | 4 | 0 | 3 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4.0 | 0.5 |
| 35 | 262.50 | 282.55 | 20.05 | 1620 | 40 | 2 | 2 | 0 | 2 | 1 | 1 | 3 | 2 | 2 | 2 | 1 | 4.0 | 0.5 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI-ALT | K-ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|-------------|----------|--------|--------------|-----------|-----------|-----|-----|--------|-------|-----|------|-----|------|----|----|-----|------|-------|
| 36 | 0.00 | 7.30 | 7.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 36 | 7.30 | 32.61 | 25.31 | 1623 | 30 | 1 | 1 | 0 | 0 | 3 | 3 | 3 | 1 | 0 | 2 | NS | 3.0 | 0.1 |
| 36 | 32.61 | 34.35 | 1.74 | 9160 | 30 | 1 | 2 | 0 | 0 | 3 | 3 | 5 | 0 | 0 | 2 | NS | 3.0 | 0.0 |
| 36 | 34.35 | 41.76 | 7.41 | 1623 | 30 | 1 | 1 | 0 | 0 | 3 | 3 | 3 | 1 | 0 | 2 | NS | 3.0 | 0.1 |
| 36 | 41.76 | 43.28 | 1.52 | 1623 | 30 | 1 | 1 | 0 | 0 | 2 | 2 | 3 | 1 | 0 | 2 | NS | 3.0 | 0.1 |
| 36 | 43.28 | 51.30 | 8.02 | 1623 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 51.30 | 52.43 | 1.13 | 1623 | 30 | 1 | 2 | 0 | 0 | 3 | 3 | 4 | 1 | 0 | 2 | NS | 3.0 | 0.1 |
| 36 | 52.43 | 57.00 | 4.57 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 57.00 | 119.00 | 62.00 | 1623 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 119.00 | 119.48 | 0.48 | 1623 | 30 | 1 | 4 | 0 | 0 | 2 | 2 | 4 | 1 | 0 | 1 | NS | 10.0 | 0.0 |
| 36 | 119.48 | 125.58 | 6.10 | 1623 | 30 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 2 | 0 | 2 | NS | 3.0 | 0.3 |
| 36 | 125.58 | 127.10 | 1.52 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 127.10 | 130.15 | 3.05 | 1623 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 130.15 | 134.72 | 4.57 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 134.72 | 136.25 | 1.53 | 1623 | 30 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 2 | 0 | 2 | NS | 3.0 | 0.1 |
| 36 | 136.25 | 140.82 | 4.57 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 140.82 | 143.87 | 3.05 | 1623 | 30 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 2 | 0 | 2 | NS | 3.0 | 0.1 |
| 36 | 143.87 | 145.39 | 1.52 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 145.39 | 146.91 | 1.52 | 1623 | 30 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | NS | 3.0 | 0.8 |
| 36 | 146.91 | 166.70 | 19.79 | 1623 | 40 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 36 | 166.70 | 168.90 | 2.20 | 1623 | 40 | 0 | 5 | 0 | 0 | 2 | 2 | 4 | 1 | 3 | 2 | NS | 3.0 | 2.0 |
| 36 | 168.90 | 182.60 | 13.70 | 1623 | 40 | 1 | 2 | 3 | 1 | 2 | 2 | 4 | 1 | 3 | 2 | NS | 3.0 | 0.8 |
| 36 | 182.60 | 191.60 | 9.00 | 7400 | 40 | 1 | 2 | 0 | 2 | 0 | 0 | 4 | 1 | 1 | 1 | NS | 3.0 | 0.5 |
| 36 | 191.60 | 194.60 | 3.00 | 1624 | 40 | 2 | 3 | 2 | 2 | 1 | 1 | 3 | 1 | 2 | NS | 3 | 3.0 | 0.5 |
| 36 | 194.60 | 222.60 | 28.00 | 1624 | 40 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 1 | 2 | NS | 1 | 3.0 | 0.5 |
| 36 | 222.60 | 227.10 | 4.50 | 6212 | 40 | NS | 1 | 0 | 2 | 1 | 1 | 3 | 1 | 1 | NS | 0 | 3.0 | 0.5 |
| 36 | 227.10 | 245.20 | 18.10 | 1624 | 40 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 1 | 2 | NS | 1 | 5.0 | 0.5 |
| 36 | 245.20 | 252.60 | 7.40 | 1624 | 40 | 2 | 2 | 2 | 2 | 1 | 1 | 3 | 1 | 2 | NS | 1 | 5.0 | 0.5 |
| 36 | 252.60 | 261.21 | 8.61 | 1624 | 40 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 1 | 2 | NS | 1 | 3.0 | 0.5 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI-ALT | K-ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|-------------|----------|--------|--------------|-----------|-----------|-----|-----|--------|-------|-----|------|-----|------|----|----|-----|------|-------|
| 42 | 0.00 | 4.88 | 4.88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 42 | 4.88 | 25.30 | 20.42 | 1623 | 30 | 1 | 1 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 | 0 | 1.5 | 0.1 |
| 42 | 25.30 | 46.63 | 21.33 | 6412 | 30 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 0.0 | 0.0 |
| 42 | 46.63 | 75.29 | 28.66 | 1623 | 30 | 1 | 1 | 0 | 0 | 0 | 2 | 3 | 1 | 0 | 1 | 0 | 3.0 | 0.3 |
| 42 | 75.29 | 80.77 | 5.48 | 1600 | 30 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 3.0 | 0.3 |
| 42 | 80.77 | 83.82 | 3.05 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 42 | 83.82 | 84.43 | 0.61 | 1600 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 42 | 84.43 | 96.01 | 11.58 | 1623 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 3.0 | 0.3 |
| 42 | 96.01 | 96.62 | 0.61 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 42 | 96.62 | 98.15 | 1.53 | 1623 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | NS | NS | NS | NS | NS | NS |
| 42 | 98.15 | 99.67 | 1.52 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 42 | 99.67 | 101.19 | 1.52 | 1623 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | NS | NS | NS | NS | NS | NS |
| 42 | 101.19 | 112.78 | 11.59 | 100 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 42 | 112.78 | 122.53 | 9.75 | 1623 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 3.0 | 0.3 |
| 42 | 122.53 | 125.58 | 3.05 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 42 | 125.58 | 128.63 | 3.05 | 1623 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | NS | NS | NS | NS | NS | NS |
| 42 | 128.63 | 146.30 | 17.67 | 100 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | NS | NS | NS |
| 42 | 146.30 | 159.80 | 13.50 | 6412 | 40 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0.0 | 0.0 |
| 42 | 159.80 | 178.90 | 19.10 | 1623 | 40 | 4 | 1 | 1 | 0 | 2 | 1 | 2 | 3 | 0 | 1 | 2 | 4.0 | 0.3 |
| 42 | 178.90 | 196.40 | 17.50 | 1623 | 40 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 1 | 4.0 | 0.3 |
| 42 | 196.40 | 199.00 | 2.60 | 1623 | 40 | 3 | 1 | 0 | 0 | 2 | 1 | 3 | 1 | 0 | 1 | 0 | 4.0 | 0.3 |
| 42 | 199.00 | 221.80 | 22.80 | 1623 | 40 | 2 | 1 | 2 | 1 | 1 | 0 | 2 | 1 | 1 | 1 | 1 | 4.0 | 0.3 |
| 42 | 221.80 | 247.00 | 25.20 | 1600 | 40 | 1 | 1 | 0 | 0 | 1 | 2 | 3 | 4 | 0 | 2 | 2 | 4.0 | 0.3 |
| 42 | 247.00 | 278.60 | 31.60 | 1600 | 40 | 1 | 2 | 0 | 1 | 1 | 1 | 2 | 2 | 0 | 2 | 1 | 4.0 | 0.3 |
| 42 | 278.60 | 282.55 | 3.95 | 1600 | 40 | 1 | 1 | 0 | 0 | 0 | 3 | 2 | 3 | 0 | 2 | 2 | 3.0 | 0.3 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI- ALT | K- ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|----------------|-------------|-----------|-----------------|--------------|--------------|-----|-----|------------|-----------|-----|------|-----|------|----|----|-----|---------|----------|
| 44 | 0.00 | 8.23 | 8.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 44 | 8.23 | 12.19 | 3.96 | 100 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 44 | 12.19 | 18.28 | 6.09 | 1623 | 30 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 0 | 2.0 | 0.1 |
| 44 | 18.28 | 21.33 | 3.05 | 1600 | 30 | 1 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 0 | 3.0 | 0.1 |
| 44 | 21.33 | 24.40 | 3.07 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 44 | 24.40 | 53.30 | 28.90 | 100 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 44 | 53.30 | 53.50 | 0.20 | 1600 | 30 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 0 | 3.0 | 0.1 |
| 44 | 53.50 | 54.40 | 0.90 | 6412 | 30 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 0 | 0.0 | 0.0 |
| 44 | 54.40 | 62.50 | 8.10 | 1600 | 30 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 0 | 3.0 | 0.0 |
| 44 | 62.50 | 75.00 | 12.50 | 100 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 44 | 75.00 | 76.80 | 1.80 | 1600 | 40 | 4 | 2 | 0 | 0 | 1 | 1 | 3 | 2 | 0 | 2 | 3 | 3.0 | 0.3 |
| 44 | 76.80 | 79.10 | 2.30 | 6412 | 40 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0.0 | 0.0 |
| 44 | 79.10 | 80.10 | 1.00 | 1600 | 40 | 1 | 1 | 0 | 0 | 1 | 3 | 3 | 2 | 0 | 1 | 0 | 3.0 | 0.3 |
| 44 | 80.10 | 97.00 | 16.90 | 6412 | 40 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 0.0 | 0.0 |
| 44 | 97.00 | 111.00 | 14.00 | 1600 | 40 | 4 | 1 | 0 | 0 | 1 | 1 | 4 | 1 | 0 | 3 | 3 | 3.0 | 0.5 |
| 44 | 111.00 | 114.90 | 3.90 | 1600 | 40 | 1 | 2 | 0 | 1 | 1 | 1 | 4 | 1 | 1 | 3 | 1 | 2.0 | 0.5 |
| 44 | 114.90 | 117.96 | 3.06 | 200 | 40 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 44 | 117.96 | 139.30 | 21.34 | 1600 | 40 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 44 | 139.30 | 217.75 | 78.45 | 1611 | 40 | 1 | 2 | 0 | 1 | 1 | 2 | 3 | 3 | 0 | 3 | 3 | 3.0 | 0.5 |
| 44 | 217.75 | 222.80 | 5.05 | 1611 | 40 | 1 | 1 | 0 | 0 | 1 | 2 | 4 | 3 | 0 | 2 | 1 | 2.0 | 0.5 |
| 44 | 222.80 | 234.40 | 11.60 | 1611 | 40 | 1 | 2 | 0 | 0 | 1 | 2 | 3 | 3 | 0 | 2 | 2 | 3.0 | 0.3 |
| 44 | 234.40 | 244.50 | 10.10 | 1611 | 40 | 0 | 2 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 3 | 2 | 2.0 | 0.6 |
| 44 | 244.50 | 256.60 | 12.10 | 1611 | 40 | 1 | 2 | 0 | 0 | 1 | 2 | 3 | 3 | 0 | 3 | 4 | 2.0 | 0.5 |
| 44 | 256.60 | 270.35 | 13.75 | 1611 | 40 | 0 | 3 | 1 | 1 | 1 | 0 | 2 | 1 | 1 | 3 | 2 | 2.0 | 0.6 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI- ALT | K- ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|----------------|-------------|-----------|-----------------|--------------|--------------|-----|-----|------------|-----------|-----|------|-----|------|----|----|-----|---------|----------|
| 45 | 0.00 | 15.24 | 15.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 45 | 15.24 | 19.00 | 3.76 | 1623 | 30 | 0 | 1 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 0.1 | 0.0 |
| 45 | 19.00 | 21.34 | 2.34 | 1623 | 30 | 0 | 1 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 4.0 | 0.0 |
| 45 | 21.34 | 22.90 | 1.56 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 22.90 | 33.50 | 10.60 | 1623 | 30 | 0 | 1 | 0 | 0 | 1 | 2 | 4 | 0 | 0 | 1 | 0 | 2.0 | 0.0 |
| 45 | 33.50 | 50.29 | 16.79 | 1600 | 30 | 1 | 1 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 2 | 0 | 2.0 | 0.3 |
| 45 | 50.29 | 51.81 | 1.52 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 51.81 | 59.43 | 7.62 | 1600 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 59.43 | 62.48 | 3.05 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 62.48 | 64.00 | 1.52 | 1600 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 64.00 | 65.53 | 1.53 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 65.53 | 66.80 | 1.27 | 1600 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 66.80 | 67.05 | 0.25 | 1600 | 30 | 4 | 2 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | 2 | 4 | 2.0 | 0.5 |
| 45 | 67.05 | 81.40 | 14.35 | 1600 | 40 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 45 | 81.40 | 90.60 | 9.20 | 1600 | 40 | 3 | 2 | 0 | 0 | 1 | 0 | 2 | 3 | 0 | 2 | 3 | 3.0 | 0.6 |
| 45 | 90.60 | 95.60 | 5.00 | 1600 | 40 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 3.0 | 0.5 |
| 45 | 95.60 | 97.80 | 2.20 | 1600 | 40 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 2 | 2 | 2.0 | 0.6 |
| 45 | 97.80 | 103.70 | 5.90 | 1600 | 40 | 2 | 2 | 0 | 0 | 1 | 0 | 3 | 3 | 4 | 3 | 3 | 3.0 | 0.5 |
| 45 | 103.70 | 109.20 | 5.50 | 1600 | 40 | 1 | 2 | 1 | 0 | 1 | 0 | 2 | 3 | 4 | 3 | 3 | 3.0 | 0.5 |
| 45 | 109.20 | 119.10 | 9.90 | 1600 | 40 | 1 | 3 | 1 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 2 | 3.0 | 0.5 |
| 45 | 119.10 | 141.60 | 22.50 | 1600 | 40 | 1 | 3 | 0 | 1 | 1 | 0 | 2 | 3 | 3 | 2 | 3 | 3.0 | 0.5 |
| 45 | 141.60 | 155.20 | 13.60 | 1600 | 40 | 1 | 3 | 2 | 1 | 2 | 0 | 1 | 1 | 3 | 2 | 3 | 3.0 | 0.5 |
| 45 | 155.20 | 162.80 | 7.60 | 1600 | 40 | 4 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 1 | 1 | 4 | 3.0 | 0.5 |
| 45 | 162.80 | 165.10 | 2.30 | 1600 | 40 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 2 | 1 | 2 | 2 | 3.0 | 0.5 |
| 45 | 165.10 | 172.90 | 7.80 | 1611 | 40 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 2 | 1 | 2 | 2 | 3.0 | 0.5 |
| 45 | 172.90 | 184.60 | 11.70 | 1611 | 40 | 3 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 2 | 2 | 3 | 4.0 | 0.5 |
| 45 | 184.60 | 212.00 | 27.40 | 1611 | 40 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 1 | 2.0 | 0.5 |
| 45 | 212.00 | 240.80 | 28.80 | 1611 | 40 | 0 | 2 | 0 | 0 | 1 | 1 | 3 | 3 | 0 | 3 | 2 | 2.0 | 0.6 |
| 45 | 240.80 | 264.50 | 23.70 | 1611 | 40 | 1 | 3 | 2 | 0 | 1 | 0 | 2 | 1 | 3 | 3 | 3 | 2.0 | 0.7 |
| 45 | 264.50 | 276.45 | 11.95 | 1611 | 40 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 3 | 0 | 2 | 3 | 2.0 | 0.7 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | ROCK CODE | ZONE CODE | GYP | SIL | BI-ALT | K-ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|-------------|----------|--------|--------------|-----------|-----------|-----|-----|--------|-------|-----|------|-----|------|----|----|-----|------|-------|
| 46 | 0.00 | 3.04 | 3.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 46 | 3.04 | 10.66 | 7.62 | 1623 | 30 | 0 | 1 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 1 | 0 | 1.0 | 0.0 |
| 46 | 10.66 | 15.50 | 4.84 | 1600 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 4.0 | 0.0 |
| 46 | 15.50 | 41.14 | 25.64 | 1623 | 30 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 4.0 | 0.0 |
| 46 | 41.14 | 42.70 | 1.56 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 42.70 | 53.00 | 10.30 | 1623 | 30 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 3.0 | 0.1 |
| 46 | 53.00 | 61.00 | 8.00 | 1623 | 30 | 1 | 1 | 0 | 0 | 1 | 3 | 3 | 0 | 0 | 1 | 0 | 3.0 | 0.0 |
| 46 | 61.00 | 70.10 | 9.10 | 1600 | 30 | 1 | 1 | 0 | 0 | 1 | 1 | 4 | 0 | 0 | 2 | 0 | 3.0 | 0.3 |
| 46 | 70.10 | 73.15 | 3.05 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 73.15 | 83.82 | 10.67 | 1600 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 83.82 | 86.86 | 3.04 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 86.86 | 91.44 | 4.58 | 1600 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 91.44 | 93.57 | 2.13 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 93.57 | 96.60 | 3.03 | 1600 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 96.60 | 99.66 | 3.06 | 1600 | 30 | 2 | 1 | 0 | 0 | 2 | 1 | 2 | 2 | 0 | 3 | 1 | 4.0 | 0.3 |
| 46 | 99.66 | 113.20 | 13.54 | 1600 | 40 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 46 | 113.20 | 133.50 | 20.30 | 1600 | 40 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 3 | 3 | 2 | 3.0 | 0.3 |
| 46 | 133.50 | 144.00 | 10.50 | 1600 | 40 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 3 | 2 | 3 | 2 | 3.0 | 0.3 |
| 46 | 144.00 | 147.80 | 3.80 | 1600 | 40 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 2 | 3 | 2 | 3.0 | 0.3 |
| 46 | 147.80 | 150.10 | 2.30 | 1600 | 40 | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 2 | 3.0 | 0.3 |
| 46 | 150.10 | 160.60 | 10.50 | 1600 | 40 | 1 | 2 | 0 | 0 | 1 | 0 | 2 | 2 | 3 | 3 | 2 | 3.0 | 0.3 |
| 46 | 160.60 | 181.50 | 20.90 | 1611 | 40 | 1 | 2 | 1 | 1 | 1 | 0 | 2 | 2 | 3 | 3 | 1 | 3.0 | 0.5 |
| 46 | 181.50 | 194.00 | 12.50 | 1611 | 40 | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 4 | 3 | 2 | 4.0 | 0.5 |
| 46 | 194.00 | 208.50 | 14.50 | 1611 | 40 | 1 | 2 | 4 | 1 | 1 | 0 | 2 | 1 | 4 | 3 | 2 | 4.0 | 0.6 |
| 46 | 208.50 | 239.10 | 30.60 | 1611 | 40 | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 2 | 3.0 | 0.6 |
| 46 | 239.10 | 258.50 | 19.40 | 1611 | 40 | 1 | 2 | 4 | 1 | 1 | 0 | 2 | 1 | 4 | 3 | 2 | 3.0 | 0.8 |
| 46 | 258.50 | 279.50 | 21.00 | 1611 | 40 | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 2 | 3.0 | 0.9 |
| 46 | 279.50 | 301.10 | 21.60 | 1611 | 40 | 1 | 3 | 3 | 2 | 1 | 0 | 2 | 3 | 3 | 3 | 3 | 2.0 | 0.9 |
| 46 | 301.10 | 303.60 | 2.50 | 1611 | 40 | 1 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 2.0 | 0.6 |
| 46 | 303.60 | 322.20 | 18.60 | 1611 | 40 | 1 | 3 | 2 | 2 | 1 | 0 | 2 | 2 | 3 | 3 | 4 | 2.0 | 1.0 |
| 46 | 322.20 | 340.47 | 18.27 | 6212 | 40 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2.0 | 0.5 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOLOG DATA

25-May-92

| HOLE NUMBER | FROM (#) | TO (#) | INTERVAL (#) | ROCK CODE | ZONE CODE | GYP | SIL | BI- ALT | K- ALT | SER | CLAY | CHL | CARB | FL | MT | STK | PY % | CPY % |
|----------------|-------------|-----------|-----------------|--------------|--------------|-----|-----|------------|-----------|-----|------|-----|------|----|----|-----|---------|----------|
| 51 | 0.00 | 3.05 | 3.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| 51 | 3.05 | 13.00 | 9.95 | 1623 | 30 | 1 | 1 | 0 | 0 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 3.0 | 0.0 |
| 51 | 13.00 | 72.20 | 59.20 | 1623 | 30 | 1 | 2 | 0 | 1 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 4.0 | 0.1 |
| 51 | 72.20 | 86.00 | 13.80 | 1623 | 30 | 1 | 2 | 0 | 1 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 4.0 | 0.1 |
| 51 | 86.00 | 102.11 | 16.11 | 1623 | 30 | 1 | 2 | 0 | 1 | 2 | 1 | 3 | 1 | 0 | 2 | 0 | 3.0 | 0.5 |
| 51 | 102.11 | 106.68 | 4.57 | 200 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 51 | 106.68 | 116.80 | 10.12 | 100 | 30 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| 51 | 116.80 | 143.20 | 26.40 | 1623 | 40 | 1 | 2 | 0 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 1 | 2.0 | 0.8 |
| 51 | 143.20 | 155.60 | 12.40 | 7400 | 40 | 1 | 3 | 0 | 1 | 2 | 0 | 3 | 1 | 2 | 1 | 1 | 3.0 | 0.3 |
| 51 | 155.60 | 160.20 | 4.60 | 1623 | 40 | 0 | 2 | 0 | 1 | 2 | 0 | 4 | 1 | 2 | 2 | 0 | 2.0 | 0.5 |
| 51 | 160.20 | 164.20 | 4.00 | 1600 | 40 | 2 | 2 | 1 | 0 | 2 | 0 | 4 | 1 | 2 | 2 | 1 | 4.0 | 0.5 |
| 51 | 164.20 | 166.40 | 2.20 | 1600 | 40 | 2 | 2 | 1 | 0 | 2 | 0 | 4 | 1 | 4 | 2 | 2 | 3.0 | 2.0 |
| 51 | 166.40 | 190.20 | 23.80 | 1600 | 40 | 2 | 2 | 2 | 0 | 2 | 0 | 4 | 2 | 2 | 3 | 2 | 3.0 | 0.5 |
| 51 | 190.20 | 190.65 | 0.45 | 7400 | 40 | 0 | 2 | 0 | 0 | 2 | 0 | 3 | 0 | 2 | 1 | 0 | 2.0 | 0.3 |
| 51 | 190.65 | 213.90 | 23.25 | 1600 | 40 | 1 | 1 | 2 | 0 | 2 | 0 | 3 | 1 | 3 | 2 | 2 | 3.0 | 0.5 |
| 51 | 213.90 | 214.35 | 0.45 | 6500 | 40 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 1 | 1 | 2 | 1 | 2.0 | 0.1 |
| 51 | 214.35 | 249.70 | 35.35 | 1600 | 40 | 2 | 2 | 2 | 1 | 2 | 0 | 3 | 1 | 2 | 2 | 1 | 3.0 | 0.5 |
| 51 | 249.70 | 254.50 | 4.80 | 1600 | 40 | 2 | 1 | 1 | 2 | 3 | 2 | 3 | 4 | 0 | 1 | 4 | 3.0 | 0.5 |
| 51 | 254.50 | 337.41 | 82.91 | 1600 | 40 | 2 | 2 | 2 | 1 | 2 | 0 | 3 | 1 | 2 | 2 | 1 | 4.0 | 0.5 |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|--------|------|------|
| 33 | 11.28 | 14.33 | 3.05 | 1.13 | 37.05 | 0.11 | 9.73 | 3 | 3 | 2 | 50 | 44.25 | NS | NC |
| 33 | 14.33 | 17.37 | 3.04 | 3.02 | 99.34 | 0.00 | 0.00 | 6 | 3 | 3 | 50 | 16.56 | NS | NC |
| 33 | 17.37 | 20.42 | 3.05 | 3.05 | 100.00 | 0.23 | 7.54 | 7 | 3 | 3 | 50 | 16.39 | NS | NC |
| 33 | 20.42 | 23.46 | 3.04 | 3.04 | 100.00 | 0.00 | 0.00 | 6 | 3 | 3 | 50 | 16.45 | NS | NC |
| 33 | 23.46 | 26.52 | 3.06 | 3.06 | 100.00 | 0.50 | 16.34 | 6 | 3 | 3 | 50 | 16.34 | NS | NC |
| 33 | 26.52 | 29.57 | 3.05 | 1.80 | 59.02 | 0.00 | 0.00 | 6 | 3 | 3 | 50 | 27.78 | NS | NC |
| 33 | 29.57 | 32.61 | 3.04 | 1.90 | 62.50 | 0.00 | 0.00 | 6 | 3 | 3 | 50 | 26.32 | NS | NC |
| 33 | 32.61 | 35.66 | 3.05 | 2.66 | 87.21 | 0.11 | 4.14 | 3 | 3 | 3 | 50 | 18.80 | NS | NC |
| 33 | 35.66 | 38.71 | 3.05 | 1.85 | 60.66 | 0.00 | 0.00 | 2 | 2 | 3 | 50 | 27.03 | NS | NC |
| 33 | 38.71 | 41.76 | 3.05 | 0.94 | 30.82 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 53.19 | NS | NC |
| 33 | 41.76 | 44.81 | 3.05 | 3.05 | 100.00 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 16.39 | NS | NC |
| 33 | 44.81 | 47.85 | 3.04 | 1.72 | 56.58 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 29.07 | NS | NC |
| 33 | 47.85 | 50.90 | 3.05 | 1.24 | 40.66 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 40.32 | NS | NC |
| 33 | 50.90 | 53.95 | 3.05 | 0.86 | 28.20 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 58.14 | NS | NC |
| 33 | 53.95 | 57.00 | 3.05 | 0.81 | 26.56 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 61.73 | NS | NC |
| 33 | 57.00 | 60.05 | 3.05 | 1.19 | 39.02 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 42.02 | NS | NC |
| 33 | 60.05 | 61.87 | 1.82 | 1.54 | 84.62 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 32.47 | NS | NC |
| 33 | 61.87 | 63.09 | 1.22 | 0.68 | 55.74 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 73.53 | NS | NC |
| 33 | 63.09 | 66.14 | 3.05 | 0.93 | 30.49 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 53.76 | NS | NC |
| 33 | 66.14 | 69.19 | 3.05 | 0.89 | 29.18 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 56.18 | NS | NC |
| 33 | 69.19 | 72.24 | 3.05 | 0.45 | 14.75 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 111.11 | NS | NC |
| 33 | 72.24 | 75.28 | 3.04 | 1.29 | 42.43 | 0.00 | 0.00 | 2 | 3 | 3 | 50 | 38.76 | NS | NC |
| 33 | 75.28 | 77.11 | 1.83 | 1.66 | 90.71 | 0.00 | 0.00 | 2 | 3 | 3 | 50 | 30.12 | NS | NC |
| 33 | 77.11 | 78.33 | 1.22 | 1.16 | 95.08 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 43.10 | NS | NC |
| 33 | 78.33 | 80.47 | 2.14 | 1.49 | 69.63 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 33.56 | NS | NC |
| 33 | 80.47 | 81.38 | 0.91 | 0.74 | 81.32 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 67.57 | NS | NC |
| 33 | 81.38 | 84.43 | 3.05 | 1.27 | 41.64 | 0.00 | 0.00 | 2 | 3 | 3 | 50 | 39.37 | NS | NC |
| 33 | 84.43 | 86.26 | 1.83 | 2.30 | 125.68 | 0.00 | 0.00 | 2 | 3 | 3 | 50 | 21.74 | NS | NC |
| 33 | 86.26 | 89.00 | 2.74 | 1.54 | 56.20 | 0.00 | 0.00 | 2 | 3 | 3 | 50 | 32.47 | NS | NC |
| 33 | 89.00 | 93.57 | 4.57 | 1.33 | 29.10 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 37.59 | NS | NC |
| 33 | 93.57 | 96.62 | 3.05 | 3.04 | 99.67 | 0.00 | 0.00 | 2 | 3 | 3 | 50 | 16.45 | NS | NC |
| 33 | 96.62 | 99.67 | 3.05 | 0.84 | 27.54 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 59.52 | NS | NC |
| 33 | 99.67 | 102.72 | 3.05 | 0.43 | 14.10 | 0.00 | 0.00 | 2 | 2 | 2 | 50 | 116.28 | NS | NC |
| 33 | 102.72 | 105.77 | 3.05 | 0.62 | 20.33 | 0.00 | 0.00 | 2 | 2 | 3 | 50 | 80.65 | NS | NC |
| 33 | 105.77 | 108.81 | 3.04 | 0.40 | 13.16 | 0.00 | 0.00 | 3 | 2 | 3 | 50 | 125.00 | NS | NC |
| 33 | 108.81 | 111.86 | 3.05 | 0.20 | 6.56 | 0.00 | 0.00 | 2 | 2 | 2 | 50 | 250.00 | NS | NC |
| 33 | 111.86 | 114.91 | 3.05 | 0.21 | 6.89 | 0.00 | 0.00 | 1 | 1 | 2 | 50 | 238.10 | NS | NC |
| 33 | 114.91 | 117.96 | 3.05 | 0.84 | 27.54 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 59.52 | NS | NC |
| 33 | 117.96 | 121.01 | 3.05 | 1.23 | 40.33 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 40.65 | NS | NC |
| 33 | 121.01 | 124.05 | 3.04 | 2.05 | 67.43 | 0.44 | 21.46 | 3 | 3 | 3 | 50 | 24.39 | NS | NC |
| 33 | 124.05 | 127.10 | 3.05 | 3.04 | 99.67 | 2.27 | 74.67 | 13 | 3 | 5 | 30 | 9.87 | NS | NC |
| 33 | 127.10 | 130.15 | 3.05 | 2.94 | 96.39 | 1.61 | 54.76 | 10 | 3 | 5 | 29 | 9.86 | NS | NC |
| 33 | 130.15 | 133.20 | 3.05 | 2.97 | 97.38 | 2.34 | 78.79 | 12 | 3 | 6 | 18 | 6.06 | NS | NC |
| 33 | 133.20 | 136.25 | 3.05 | 2.93 | 96.07 | 2.28 | 77.82 | 13 | 3 | 6 | 19 | 6.48 | NS | NC |
| 33 | 136.25 | 139.29 | 3.04 | 3.04 | 100.00 | 0.80 | 26.32 | 9 | 3 | 6 | 47 | 15.46 | NS | NC |
| 33 | 139.29 | 142.34 | 3.05 | 2.85 | 93.44 | 1.53 | 53.68 | 11 | 3 | 6 | 20 | 7.02 | NS | NC |
| 33 | 142.34 | 145.39 | 3.05 | 2.82 | 92.46 | 1.64 | 58.16 | 9 | 3 | 6 | 34 | 12.06 | NS | NC |
| 33 | 145.39 | 148.44 | 3.05 | 3.03 | 99.34 | 1.96 | 64.69 | 12 | 3 | 6 | 27 | 8.91 | NS | NC |
| 33 | 148.44 | 151.49 | 3.05 | 3.05 | 100.00 | 1.08 | 35.41 | 9 | 3 | 6 | 50 | 16.39 | NS | NC |
| 33 | 151.49 | 154.53 | 3.04 | 2.93 | 96.38 | 1.30 | 44.37 | 10 | 3 | 6 | 45 | 15.36 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|-------|------|------|
| 33 | 154.53 | 157.58 | 3.05 | 2.90 | 95.08 | 1.03 | 35.52 | 9 | 3 | 6 | 50 | 17.24 | NS | NC |
| 33 | 157.58 | 160.63 | 3.05 | 2.91 | 95.41 | 1.83 | 62.89 | 13 | 3 | 6 | 29 | 9.97 | NS | NC |
| 33 | 160.63 | 163.68 | 3.05 | 2.92 | 95.74 | 2.09 | 71.58 | 12 | 3 | 6 | 16 | 5.48 | NS | NC |
| 33 | 163.68 | 166.73 | 3.05 | 2.98 | 97.70 | 1.80 | 60.40 | 10 | 3 | 6 | 31 | 10.40 | NS | NC |
| 33 | 166.73 | 169.77 | 3.04 | 3.01 | 99.01 | 2.31 | 76.74 | 12 | 3 | 6 | 19 | 6.31 | NS | NC |
| 33 | 169.77 | 172.82 | 3.05 | 2.93 | 96.07 | 2.10 | 71.67 | 10 | 3 | 6 | 27 | 9.22 | NS | NC |
| 33 | 172.82 | 175.87 | 3.05 | 3.03 | 99.34 | 1.12 | 36.96 | 9 | 3 | 6 | 31 | 10.23 | NS | NC |
| 33 | 175.87 | 178.92 | 3.05 | 2.89 | 94.75 | 2.40 | 83.04 | 13 | 3 | 6 | 15 | 5.19 | NS | NC |
| 33 | 178.92 | 181.97 | 3.05 | 3.05 | 100.00 | 2.47 | 80.98 | 11 | 3 | 6 | 19 | 6.23 | NS | NC |
| 33 | 181.97 | 185.01 | 3.04 | 3.05 | 100.33 | 1.72 | 56.39 | 10 | 3 | 6 | 26 | 8.52 | NS | NC |
| 33 | 185.01 | 188.06 | 3.05 | 2.58 | 84.59 | 1.49 | 57.75 | 10 | 3 | 6 | 21 | 8.14 | NS | NC |
| 33 | 188.06 | 191.11 | 3.05 | 2.88 | 94.43 | 1.44 | 50.00 | 9 | 3 | 6 | 39 | 13.54 | NS | NC |
| 33 | 191.11 | 192.02 | 0.91 | 0.91 | 100.00 | 0.91 | 100.00 | 12 | 3 | 6 | 4 | 4.40 | NS | NC |
| 33 | 192.02 | 194.16 | 2.14 | 2.14 | 100.00 | 1.28 | 59.81 | 10 | 3 | 6 | 26 | 12.15 | NS | NC |
| 33 | 194.16 | 197.21 | 3.05 | 3.02 | 99.02 | 2.08 | 68.87 | 12 | 3 | 6 | 26 | 8.61 | NS | NC |
| 33 | 197.21 | 200.25 | 3.04 | 2.91 | 95.72 | 1.93 | 66.32 | 13 | 3 | 6 | 26 | 8.93 | NS | NC |
| 33 | 200.25 | 203.30 | 3.05 | 2.83 | 92.79 | 1.36 | 48.06 | 10 | 3 | 6 | 32 | 11.31 | NS | NC |
| 33 | 203.30 | 206.35 | 3.05 | 2.97 | 97.38 | 2.06 | 69.36 | 11 | 3 | 6 | 21 | 7.07 | NS | NC |
| 33 | 206.35 | 209.40 | 3.05 | 2.87 | 94.10 | 1.99 | 69.34 | 12 | 3 | 6 | 21 | 7.32 | NS | NC |
| 33 | 209.40 | 212.45 | 3.05 | 3.01 | 98.69 | 1.17 | 38.87 | 10 | 3 | 6 | 43 | 14.29 | NS | NC |
| 33 | 212.45 | 215.49 | 3.04 | 2.95 | 97.04 | 1.80 | 61.02 | 9 | 3 | 6 | 31 | 10.51 | NS | NC |
| 33 | 215.49 | 217.93 | 2.44 | 2.34 | 95.90 | 0.81 | 34.62 | 8 | 3 | 6 | 40 | 17.09 | NS | NC |
| 33 | 217.93 | 220.98 | 3.05 | 2.86 | 93.77 | 0.84 | 29.37 | 8 | 3 | 6 | 50 | 17.48 | NS | NC |
| 33 | 220.98 | 224.03 | 3.05 | 2.94 | 96.39 | 1.71 | 58.16 | 10 | 3 | 6 | 28 | 9.52 | NS | NC |
| 33 | 224.03 | 227.06 | 3.03 | 2.97 | 98.02 | 2.18 | 73.40 | 12 | 3 | 6 | 21 | 7.07 | NS | NC |
| 33 | 227.06 | 230.12 | 3.06 | 3.02 | 98.69 | 2.36 | 78.15 | 13 | 3 | 6 | 21 | 6.95 | NS | NC |
| 33 | 230.12 | 233.17 | 3.05 | 3.05 | 100.00 | 2.25 | 73.77 | 12 | 3 | 6 | 28 | 9.18 | NS | NC |
| 33 | 233.17 | 236.22 | 3.05 | 3.05 | 100.00 | 2.03 | 66.56 | 11 | 3 | 6 | 29 | 9.51 | NS | NC |
| 33 | 236.22 | 239.29 | 3.07 | 3.02 | 98.37 | 2.40 | 79.47 | 13 | 3 | 6 | 15 | 4.97 | NS | NC |
| 33 | 239.29 | 242.93 | 3.64 | 3.65 | 100.27 | 2.79 | 76.44 | 12 | 3 | 6 | 27 | 7.40 | NS | NC |
| 33 | 242.93 | 245.97 | 3.04 | 2.91 | 95.72 | 2.22 | 76.29 | 13 | 3 | 6 | 17 | 5.84 | NS | NC |
| 33 | 245.97 | 249.02 | 3.05 | 3.05 | 100.00 | 2.02 | 66.23 | 12 | 3 | 6 | 21 | 6.89 | NS | NC |
| 33 | 249.02 | 252.07 | 3.05 | 2.89 | 94.75 | 2.10 | 72.66 | 12 | 3 | 6 | 19 | 6.57 | NS | NC |
| 33 | 252.07 | 255.12 | 3.05 | 2.95 | 96.72 | 1.44 | 48.81 | 10 | 3 | 6 | 34 | 11.53 | NS | NC |
| 33 | 255.12 | 258.17 | 3.05 | 2.94 | 96.39 | 1.18 | 40.14 | 9 | 3 | 6 | 47 | 15.99 | NS | NC |
| 33 | 258.17 | 261.21 | 3.04 | 2.95 | 97.04 | 2.05 | 69.49 | 12 | 3 | 6 | 27 | 9.15 | NS | NC |
| 33 | 261.21 | 264.26 | 3.05 | 2.95 | 96.72 | 2.49 | 84.41 | 13 | 3 | 6 | 17 | 5.76 | NS | NC |
| 33 | 264.26 | 267.31 | 3.05 | 2.99 | 98.03 | 2.24 | 74.92 | 12 | 3 | 6 | 20 | 6.69 | NS | NC |
| 33 | 267.31 | 270.36 | 3.05 | 2.96 | 97.05 | 2.68 | 90.54 | 13 | 3 | 6 | 15 | 5.07 | NS | NC |
| 33 | 270.36 | 273.41 | 3.05 | 2.97 | 97.38 | 2.29 | 77.10 | 11 | 3 | 6 | 20 | 6.73 | NS | NC |
| 33 | 273.41 | 276.45 | 3.04 | 3.05 | 100.33 | 2.60 | 85.25 | 12 | 3 | 6 | 18 | 5.90 | NS | NC |
| 33 | 276.45 | 279.50 | 3.05 | 3.00 | 98.36 | 2.25 | 75.00 | 12 | 3 | 6 | 19 | 6.33 | NS | NC |
| 33 | 279.50 | 282.55 | 3.05 | 3.05 | 100.00 | 2.17 | 71.15 | 10 | 3 | 6 | 22 | 7.21 | NS | NC |
| 33 | 282.55 | 285.60 | 3.05 | 2.76 | 90.49 | 1.93 | 69.93 | 10 | 5 | 6 | 23 | 8.33 | NS | NC |
| 33 | 285.60 | 288.65 | 3.05 | 2.87 | 94.10 | 1.86 | 64.81 | 10 | 5 | 6 | 40 | 13.94 | NS | NC |
| 33 | 288.65 | 291.69 | 3.04 | 3.04 | 100.00 | 2.56 | 84.21 | 12 | 4 | 6 | 19 | 6.25 | NS | NC |
| 33 | 291.69 | 294.74 | 3.05 | 2.95 | 96.72 | 2.10 | 71.19 | 10 | 5 | 6 | 22 | 7.46 | NS | NC |
| 33 | 294.74 | 297.79 | 3.05 | 2.95 | 96.72 | 1.74 | 58.98 | 10 | 5 | 6 | 29 | 9.83 | NS | NC |
| 33 | 297.79 | 300.84 | 3.05 | 3.02 | 99.02 | 2.31 | 76.49 | 12 | 3 | 6 | 18 | 5.96 | NS | NC |
| 33 | 300.84 | 303.89 | 3.05 | 2.98 | 97.70 | 2.47 | 82.89 | 13 | 3 | 6 | 17 | 5.70 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|------|------|------|
| 33 | 303.89 | 306.93 | 3.04 | 2.95 | 97.04 | 2.56 | 86.78 | 12 | 4 | 6 | 17 | 5.76 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC. (m) | REC % | RQD | RQD % | BRKG % | RD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|-------------|----------|------|----------|-----------|----|------|------|--------|------|------|
| 34 | 11.28 | 12.80 | 1.52 | 0.80 | 52.63 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 62.50 | NS | NC |
| 34 | 12.80 | 14.33 | 1.53 | 0.95 | 62.09 | 0.27 | 28.42 | 6 | 3 | 3 | 11 | 11.58 | NS | NC |
| 34 | 14.33 | 17.37 | 3.04 | 0.50 | 16.45 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 100.00 | NS | NC |
| 34 | 17.37 | 20.42 | 3.05 | 0.73 | 23.93 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 68.49 | NS | NC |
| 34 | 20.42 | 23.47 | 3.05 | 0.35 | 11.48 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 142.86 | NS | NC |
| 34 | 23.47 | 26.52 | 3.05 | 0.25 | 8.20 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 200.00 | NS | NC |
| 34 | 26.52 | 28.35 | 1.83 | 0.50 | 27.32 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 100.00 | NS | NC |
| 34 | 28.35 | 29.57 | 1.22 | 0.56 | 45.90 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 89.29 | NS | NC |
| 34 | 29.57 | 32.61 | 3.04 | 0.58 | 19.08 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 86.21 | NS | NC |
| 34 | 32.61 | 35.66 | 3.05 | 0.30 | 9.84 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 166.67 | NS | NC |
| 34 | 35.66 | 38.71 | 3.05 | 0.00 | 0.00 | IS | 0.00 | NS | NS | NS | NS | NC | NS | NC |
| 34 | 38.71 | 41.76 | 3.05 | 1.20 | 39.34 | 0.10 | 8.33 | 3 | 3 | 3 | 50 | 41.67 | NS | NC |
| 34 | 41.76 | 44.81 | 3.05 | 1.47 | 48.20 | 0.11 | 7.48 | 3 | 3 | 3 | 50 | 34.01 | NS | NC |
| 34 | 44.81 | 47.85 | 3.04 | 0.19 | 6.25 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 263.16 | NS | NC |
| 34 | 47.85 | 50.90 | 3.05 | 0.04 | 1.31 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0.00 | NS | NC |
| 34 | 50.90 | 53.95 | 3.05 | 0.74 | 24.26 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 67.57 | NS | NC |
| 34 | 53.95 | 57.00 | 3.05 | 1.45 | 47.54 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 34.48 | NS | NC |
| 34 | 57.00 | 60.05 | 3.05 | 0.11 | 3.61 | 0.00 | 0.00 | 4 | 3 | 3 | 50 | 454.55 | NS | NC |
| 34 | 60.05 | 63.09 | 3.04 | 0.15 | 4.93 | 0.00 | 0.00 | 5 | 3 | 3 | 50 | 333.33 | NS | NC |
| 34 | 63.09 | 66.14 | 3.05 | 0.12 | 3.93 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 416.67 | NS | NC |
| 34 | 66.14 | 69.19 | 3.05 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 34 | 69.19 | 72.24 | 3.05 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 34 | 72.24 | 75.29 | 3.05 | 1.17 | 38.36 | 0.00 | 0.00 | 3 | 3 | 3 | 50 | 42.74 | NS | NC |
| 34 | 75.29 | 87.48 | 12.19 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 34 | 87.48 | 90.53 | 3.05 | 0.66 | 21.64 | 0.64 | 96.97 | 11 | 3 | 5 | 3 | 4.55 | NS | NC |
| 34 | 90.53 | 93.57 | 3.04 | 3.04 | 100.00 | 2.24 | 73.68 | 12 | 3 | 6 | 24 | 7.89 | NS | NC |
| 34 | 93.57 | 96.62 | 3.05 | 2.73 | 89.51 | 1.97 | 72.16 | 10 | 3 | 6 | 20 | 7.33 | NS | NC |
| 34 | 96.62 | 99.67 | 3.05 | 2.76 | 90.49 | 1.76 | 63.77 | 10 | 3 | 6 | 31 | 11.23 | NS | NC |
| 34 | 99.67 | 102.72 | 3.05 | 3.05 | 100.00 | 2.79 | 91.48 | 13 | 5 | 6 | 13 | 4.26 | NS | NC |
| 34 | 102.72 | 105.77 | 3.05 | 3.01 | 98.69 | 2.91 | 96.68 | 15 | 5 | 6 | 11 | 3.65 | NS | NC |
| 34 | 105.77 | 108.81 | 3.04 | 3.05 | 100.33 | 2.76 | 90.49 | 15 | 5 | 6 | 9 | 2.95 | NS | NC |
| 34 | 108.81 | 111.86 | 3.05 | 2.84 | 93.11 | 2.74 | 96.48 | 15 | 5 | 6 | 9 | 3.17 | NS | NC |
| 34 | 111.86 | 114.91 | 3.05 | 2.94 | 96.39 | 2.20 | 74.83 | 14 | 5 | 6 | 17 | 5.78 | NS | NC |
| 34 | 114.91 | 117.96 | 3.05 | 3.05 | 100.00 | 3.03 | 99.34 | 14 | 4 | 6 | 10 | 3.28 | NS | NC |
| 34 | 117.96 | 121.01 | 3.05 | 3.02 | 99.02 | 3.01 | 99.67 | 15 | 3 | 6 | 9 | 2.98 | NS | NC |
| 34 | 121.01 | 124.05 | 3.04 | 3.05 | 100.33 | 2.86 | 93.77 | 13 | 4 | 6 | 7 | 2.30 | NS | NC |
| 34 | 124.05 | 127.10 | 3.05 | 3.05 | 100.00 | 1.68 | 55.08 | 10 | 3 | 6 | 34 | 11.15 | NS | NC |
| 34 | 127.10 | 130.15 | 3.05 | 3.05 | 100.00 | 2.28 | 74.75 | 12 | 3 | 6 | 23 | 7.54 | NS | NC |
| 34 | 130.15 | 133.20 | 3.05 | 2.93 | 96.07 | 2.44 | 83.28 | 13 | 5 | 6 | 16 | 5.46 | NS | NC |
| 34 | 133.20 | 136.25 | 3.05 | 2.90 | 95.08 | 2.06 | 71.03 | 14 | 5 | 6 | 18 | 6.21 | NS | NC |
| 34 | 136.25 | 139.29 | 3.04 | 3.04 | 100.00 | 2.07 | 68.09 | 12 | 5 | 6 | 17 | 5.59 | NS | NC |
| 34 | 139.29 | 142.34 | 3.05 | 2.96 | 97.05 | 1.70 | 57.43 | 14 | 4 | 6 | 22 | 7.43 | NS | NC |
| 34 | 142.34 | 145.39 | 3.05 | 3.01 | 98.69 | 2.39 | 79.40 | 15 | 4 | 6 | 11 | 3.65 | NS | NC |
| 34 | 145.39 | 148.44 | 3.05 | 3.03 | 99.34 | 1.83 | 60.40 | 11 | 5 | 6 | 24 | 7.92 | NS | NC |
| 34 | 148.44 | 151.49 | 3.05 | 3.00 | 98.36 | 2.11 | 70.33 | 13 | 5 | 6 | 18 | 6.00 | NS | NC |
| 34 | 151.49 | 154.53 | 3.04 | 3.04 | 100.00 | 2.18 | 71.71 | 13 | 5 | 6 | 17 | 5.59 | NS | NC |
| 34 | 154.53 | 157.58 | 3.05 | 3.03 | 99.34 | 1.15 | 37.95 | 10 | 3 | 6 | 29 | 9.57 | NS | NC |
| 34 | 157.58 | 160.63 | 3.05 | 3.05 | 100.00 | 2.20 | 72.13 | 13 | 5 | 6 | 18 | 5.90 | NS | NC |
| 34 | 160.63 | 163.68 | 3.05 | 3.05 | 100.00 | 2.35 | 77.05 | 13 | 5 | 6 | 19 | 6.23 | NS | NC |
| 34 | 163.68 | 166.73 | 3.05 | 2.94 | 96.39 | 2.59 | 88.10 | 13 | 5 | 6 | 19 | 6.46 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|-------|------|------|
| 34 | 166.73 | 169.77 | 3.04 | 3.04 | 100.00 | 2.59 | 85.20 | 15 | 5 | 6 | 12 | 3.95 | NS | NC |
| 34 | 169.77 | 172.82 | 3.05 | 3.03 | 99.34 | 2.62 | 86.47 | 13 | 5 | 6 | 15 | 4.95 | NS | NC |
| 34 | 172.82 | 175.87 | 3.05 | 3.05 | 100.00 | 2.74 | 89.84 | 14 | 5 | 6 | 10 | 3.28 | NS | NC |
| 34 | 175.87 | 178.92 | 3.05 | 2.98 | 97.70 | 2.08 | 69.80 | 13 | 3 | 6 | 21 | 7.05 | NS | NC |
| 34 | 178.92 | 181.97 | 3.05 | 2.97 | 97.38 | 2.02 | 68.01 | 12 | 3 | 6 | 31 | 10.44 | NS | NC |
| 34 | 181.97 | 185.01 | 3.04 | 3.01 | 99.01 | 1.41 | 46.84 | 10 | 3 | 6 | 29 | 9.63 | NS | NC |
| 34 | 185.01 | 188.06 | 3.05 | 3.00 | 98.36 | 2.20 | 73.33 | 12 | 3 | 6 | 23 | 7.67 | NS | NC |
| 34 | 188.06 | 191.11 | 3.05 | 3.05 | 100.00 | 2.60 | 85.25 | 12 | 5 | 6 | 20 | 6.56 | NS | NC |
| 34 | 191.11 | 194.16 | 3.05 | 2.97 | 97.38 | 2.70 | 90.91 | 14 | 4 | 6 | 11 | 3.70 | NS | NC |
| 34 | 194.16 | 197.21 | 3.05 | 3.05 | 100.00 | 2.60 | 85.25 | 13 | 4 | 6 | 16 | 5.25 | NS | NC |
| 34 | 197.21 | 200.25 | 3.04 | 2.97 | 97.70 | 2.18 | 73.40 | 12 | 4 | 6 | 17 | 5.72 | NS | NC |
| 34 | 200.25 | 203.30 | 3.05 | 3.05 | 100.00 | 2.49 | 81.64 | 11 | 3 | 6 | 19 | 6.23 | NS | NC |
| 34 | 203.30 | 206.35 | 3.05 | 3.00 | 98.36 | 2.43 | 81.00 | 12 | 3 | 6 | 17 | 5.67 | NS | NC |
| 34 | 206.35 | 209.40 | 3.05 | 3.01 | 98.69 | 2.11 | 70.10 | 10 | 4 | 6 | 18 | 5.98 | NS | NC |
| 34 | 209.40 | 212.45 | 3.05 | 3.04 | 99.67 | 2.46 | 80.92 | 15 | 4 | 6 | 14 | 4.61 | NS | NC |
| 34 | 212.45 | 215.49 | 3.04 | 2.95 | 97.04 | 1.65 | 55.93 | 13 | 4 | 6 | 25 | 8.47 | NS | NC |
| 34 | 215.49 | 218.54 | 3.05 | 3.05 | 100.00 | 2.02 | 66.23 | 14 | 3 | 6 | 21 | 6.89 | NS | NC |
| 34 | 218.54 | 221.59 | 3.05 | 2.88 | 94.43 | 1.50 | 52.08 | 11 | 4 | 6 | 31 | 10.76 | NS | NC |
| 34 | 221.59 | 224.64 | 3.05 | 3.05 | 100.00 | 1.93 | 63.28 | 12 | 5 | 6 | 22 | 7.21 | NS | NC |
| 34 | 224.64 | 227.69 | 3.05 | 2.93 | 96.07 | 2.00 | 68.26 | 12 | 5 | 6 | 17 | 5.80 | NS | NC |
| 34 | 227.69 | 230.73 | 3.04 | 3.04 | 100.00 | 2.86 | 94.08 | 13 | 4 | 6 | 9 | 2.96 | NS | NC |
| 34 | 230.73 | 233.78 | 3.05 | 3.02 | 99.02 | 2.51 | 83.11 | 12 | 5 | 6 | 18 | 5.96 | NS | NC |
| 34 | 233.78 | 236.83 | 3.05 | 3.05 | 100.00 | 2.45 | 80.33 | 13 | 4 | 6 | 20 | 6.56 | NS | NC |
| 34 | 236.83 | 239.88 | 3.05 | 3.00 | 98.36 | 2.11 | 70.33 | 13 | 4 | 6 | 15 | 5.00 | NS | NC |
| 34 | 239.88 | 242.93 | 3.05 | 2.76 | 90.49 | 1.15 | 41.67 | 10 | 4 | 6 | 39 | 14.13 | NS | NC |
| 34 | 242.93 | 245.97 | 3.04 | 3.03 | 99.67 | 1.09 | 35.97 | 9 | 3 | 6 | 46 | 15.18 | NS | NC |
| 34 | 245.97 | 249.02 | 3.05 | 2.99 | 98.03 | 1.55 | 51.84 | 10 | 4 | 6 | 23 | 7.69 | NS | NC |
| 34 | 249.02 | 252.07 | 3.05 | 2.94 | 96.39 | 2.37 | 80.61 | 13 | 3 | 6 | 17 | 5.78 | NS | NC |
| 34 | 252.07 | 255.12 | 3.05 | 3.05 | 100.00 | 2.57 | 84.26 | 14 | 3 | 6 | 12 | 3.93 | NS | NC |
| 34 | 255.12 | 258.17 | 3.05 | 2.93 | 96.07 | 2.59 | 88.40 | 14 | 4 | 6 | 13 | 4.44 | NS | NC |
| 34 | 258.17 | 261.21 | 3.04 | 3.04 | 100.00 | 2.21 | 72.70 | 10 | 5 | 6 | 29 | 9.54 | NS | NC |
| 34 | 261.21 | 264.26 | 3.05 | 3.02 | 99.02 | 2.37 | 78.48 | 13 | 3 | 6 | 15 | 4.97 | NS | NC |
| 34 | 264.26 | 267.31 | 3.05 | 3.05 | 100.00 | 2.69 | 88.20 | 13 | 3 | 6 | 12 | 3.93 | NS | NC |
| 34 | 267.31 | 270.36 | 3.05 | 3.05 | 100.00 | 2.36 | 77.38 | 12 | 3 | 6 | 19 | 6.23 | NS | NC |
| 34 | 270.36 | 273.41 | 3.05 | 2.90 | 95.08 | 2.32 | 80.00 | 12 | 3 | 6 | 19 | 6.55 | NS | NC |
| 34 | 273.41 | 276.45 | 3.04 | 3.03 | 99.67 | 1.92 | 63.37 | 12 | 3 | 6 | 29 | 9.57 | NS | NC |
| 34 | 276.45 | 279.50 | 3.05 | 2.88 | 94.43 | 2.39 | 82.99 | 12 | 3 | 6 | 15 | 5.21 | NS | NC |
| 34 | 279.50 | 282.50 | 3.00 | 2.90 | 96.67 | 2.20 | 75.86 | 10 | 5 | 6 | 23 | 7.93 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|-------|--------|------|------|------|--------|------|------|
| 35 | 6.70 | 8.23 | 1.53 | 1.10 | 71.90 | 0.00 | 0.00 | 6 | 3 | 3 | 50 | 45.45 | NS | NC |
| 35 | 8.23 | 9.75 | 1.52 | 1.09 | 71.71 | 0.00 | 0.00 | 9 | 3 | 3 | 50 | 45.87 | NS | NC |
| 35 | 9.75 | 11.28 | 1.53 | 1.45 | 94.77 | 0.00 | 0.00 | 9 | 3 | 3 | 50 | 34.48 | NS | NC |
| 35 | 11.28 | 12.80 | 1.52 | 1.35 | 88.82 | 0.00 | 0.00 | 10 | 3 | 3 | 34 | 25.19 | NS | NC |
| 35 | 12.80 | 14.33 | 1.53 | 1.32 | 86.27 | 0.00 | 0.00 | 8 | 3 | 3 | 50 | 37.88 | NS | NC |
| 35 | 14.33 | 15.85 | 1.52 | 1.06 | 69.74 | 0.00 | 0.00 | 7 | 3 | 5 | 50 | 47.17 | NS | NC |
| 35 | 15.85 | 17.37 | 1.52 | 1.29 | 84.87 | 0.00 | 0.00 | 6 | 3 | 5 | 50 | 38.76 | NS | NC |
| 35 | 17.37 | 18.90 | 1.53 | 1.13 | 73.86 | 0.00 | 0.00 | 6 | 3 | 5 | 50 | 44.25 | NS | NC |
| 35 | 18.90 | 20.42 | 1.52 | 0.54 | 35.53 | 0.00 | 0.00 | 3 | 3 | 5 | 50 | 92.59 | NS | NC |
| 35 | 20.42 | 21.95 | 1.53 | 0.98 | 64.05 | 0.00 | 0.00 | 5 | 3 | 5 | 50 | 51.02 | NS | NC |
| 35 | 21.95 | 23.47 | 1.52 | 1.52 | 100.00 | 0.00 | 0.00 | 9 | 3 | 5 | 50 | 32.89 | NS | NC |
| 35 | 23.47 | 24.99 | 1.52 | 0.13 | 8.55 | 0.00 | 0.00 | 5 | 3 | 5 | 50 | 384.62 | NS | NC |
| 35 | 24.99 | 26.52 | 1.53 | 1.53 | 100.00 | 0.00 | 0.00 | 3 | 2 | 3 | 50 | 32.68 | NS | NC |
| 35 | 26.52 | 28.04 | 1.52 | 1.08 | 71.05 | 0.00 | 0.00 | 3 | 2 | 3 | 50 | 46.30 | NS | NC |
| 35 | 28.04 | 29.57 | 1.53 | 0.99 | 64.71 | 0.00 | 0.00 | 4 | 2 | 3 | 50 | 50.51 | NS | NC |
| 35 | 29.57 | 31.09 | 1.52 | 0.93 | 61.18 | 0.00 | 0.00 | 5 | 3 | 5 | 50 | 53.76 | NS | NC |
| 35 | 31.09 | 32.00 | 0.91 | 0.62 | 68.13 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 80.65 | NS | NC |
| 35 | 32.00 | 33.22 | 1.22 | 0.88 | 72.13 | 0.00 | 0.00 | 5 | 3 | 4 | 50 | 56.82 | NS | NC |
| 35 | 33.22 | 34.14 | 0.92 | 0.56 | 60.87 | 0.00 | 0.00 | 3 | 3 | 4 | 50 | 89.29 | NS | NC |
| 35 | 34.14 | 35.66 | 1.52 | 0.33 | 21.71 | 0.00 | 0.00 | 4 | 3 | 4 | 50 | 151.52 | NS | NC |
| 35 | 35.66 | 38.71 | 3.05 | 0.92 | 30.16 | 0.00 | 0.00 | 5 | 3 | 4 | 50 | 54.35 | NS | NC |
| 35 | 38.71 | 40.23 | 1.52 | 0.47 | 30.92 | 0.00 | 0.00 | 5 | 3 | 4 | 50 | 106.38 | NS | NC |
| 35 | 40.23 | 41.45 | 1.22 | 0.35 | 28.69 | 0.00 | 0.00 | 6 | 3 | 5 | 50 | 142.86 | NS | NC |
| 35 | 41.45 | 43.29 | 1.84 | 1.09 | 59.24 | 0.00 | 0.00 | 6 | 3 | 5 | 50 | 45.87 | NS | NC |
| 35 | 43.29 | 44.81 | 1.52 | 0.41 | 26.97 | 0.00 | 0.00 | 6 | 3 | 5 | 50 | 121.95 | NS | NC |
| 35 | 44.81 | 46.33 | 1.52 | 0.84 | 55.26 | 0.00 | 0.00 | 5 | 3 | 5 | 50 | 59.52 | NS | NC |
| 35 | 46.33 | 54.85 | 8.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 35 | 54.85 | 56.08 | 1.23 | 0.55 | 44.72 | 0.00 | 0.00 | 6 | 3 | 4 | 50 | 90.91 | NS | NC |
| 35 | 56.08 | 56.39 | 0.31 | 0.16 | 51.61 | 0.00 | 0.00 | 4 | 3 | 4 | 50 | 312.50 | NS | NC |
| 35 | 56.39 | 75.90 | 19.51 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 35 | 75.90 | 78.33 | 2.43 | 2.43 | 100.00 | 2.26 | 93.00 | 13 | 2 | 5 | 14 | 5.76 | NS | NC |
| 35 | 78.33 | 81.38 | 3.05 | 2.83 | 92.79 | 1.41 | 49.82 | 9 | 3 | 5 | 24 | 8.48 | NS | NC |
| 35 | 81.38 | 84.43 | 3.05 | 2.98 | 97.70 | 2.71 | 90.94 | 12 | 3 | 5 | 14 | 4.70 | NS | NC |
| 35 | 84.43 | 87.48 | 3.05 | 3.04 | 99.67 | 2.74 | 90.13 | 13 | 3 | 5 | 12 | 3.95 | NS | NC |
| 35 | 87.48 | 90.53 | 3.05 | 2.98 | 97.70 | 2.61 | 87.58 | 13 | 3 | 5 | 14 | 4.70 | NS | NC |
| 35 | 90.53 | 93.57 | 3.04 | 3.02 | 99.34 | 2.82 | 93.38 | 14 | 3 | 5 | 9 | 2.98 | NS | NC |
| 35 | 93.57 | 96.62 | 3.05 | 2.82 | 92.46 | 2.75 | 97.52 | 13 | 3 | 6 | 12 | 4.26 | NS | NC |
| 35 | 96.62 | 99.67 | 3.05 | 2.95 | 96.72 | 2.36 | 80.00 | 13 | 3 | 6 | 13 | 4.41 | NS | NC |
| 35 | 99.67 | 102.72 | 3.05 | 2.90 | 95.08 | 2.10 | 72.41 | 12 | 3 | 6 | 19 | 6.55 | NS | NC |
| 35 | 102.72 | 105.77 | 3.05 | 3.04 | 99.67 | 2.60 | 85.53 | 13 | 3 | 6 | 14 | 4.61 | NS | NC |
| 35 | 105.77 | 108.81 | 3.04 | 2.99 | 98.36 | 2.22 | 74.25 | 11 | 3 | 6 | 20 | 6.69 | NS | NC |
| 35 | 108.81 | 111.86 | 3.05 | 3.05 | 100.00 | 2.06 | 67.54 | 10 | 5 | 6 | 19 | 6.23 | NS | NC |
| 35 | 111.86 | 114.91 | 3.05 | 3.05 | 100.00 | 2.02 | 66.23 | 11 | 4 | 6 | 22 | 7.21 | NS | NC |
| 35 | 114.91 | 117.96 | 3.05 | 3.00 | 98.36 | 1.50 | 50.00 | 13 | 4 | 6 | 25 | 8.33 | NS | NC |
| 35 | 117.96 | 121.01 | 3.05 | 2.90 | 95.08 | 1.14 | 39.31 | 9 | 3 | 6 | 41 | 14.14 | NS | NC |
| 35 | 121.01 | 124.05 | 3.04 | 2.97 | 97.70 | 1.75 | 58.92 | 13 | 4 | 6 | 23 | 7.74 | NS | NC |
| 35 | 124.05 | 127.10 | 3.05 | 3.05 | 100.00 | 2.42 | 79.34 | 12 | 5 | 6 | 20 | 6.56 | NS | NC |
| 35 | 127.10 | 130.15 | 3.05 | 3.04 | 99.67 | 2.13 | 70.07 | 13 | 3 | 6 | 18 | 5.92 | NS | NC |
| 35 | 130.15 | 133.20 | 3.05 | 3.05 | 100.00 | 2.41 | 79.02 | 13 | 4 | 6 | 16 | 5.25 | NS | NC |
| 35 | 133.20 | 136.25 | 3.05 | 2.98 | 97.70 | 1.67 | 56.04 | 12 | 3 | 6 | 27 | 9.06 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|-------|------|------|
| 35 | 136.25 | 139.29 | 3.04 | 3.04 | 100.00 | 1.41 | 46.38 | 10 | 3 | 6 | 36 | 11.84 | NS | NC |
| 35 | 139.29 | 142.34 | 3.05 | 2.95 | 96.72 | 1.94 | 65.76 | 12 | 4 | 6 | 19 | 6.44 | NS | NC |
| 35 | 142.34 | 145.39 | 3.05 | 3.05 | 100.00 | 2.10 | 68.85 | 13 | 4 | 6 | 22 | 7.21 | NS | NC |
| 35 | 145.39 | 148.44 | 3.05 | 2.94 | 96.39 | 1.62 | 55.10 | 13 | 4 | 6 | 24 | 8.16 | NS | NC |
| 35 | 148.44 | 151.49 | 3.05 | 3.05 | 100.00 | 2.37 | 77.70 | 13 | 4 | 6 | 28 | 9.18 | NS | NC |
| 35 | 151.49 | 154.53 | 3.04 | 3.00 | 98.68 | 2.23 | 74.33 | 12 | 3 | 6 | 19 | 6.33 | NS | NC |
| 35 | 154.53 | 157.58 | 3.05 | 3.03 | 99.34 | 2.18 | 71.95 | 12 | 3 | 6 | 26 | 8.58 | NS | NC |
| 35 | 157.58 | 160.63 | 3.05 | 2.81 | 92.13 | 1.39 | 49.47 | 10 | 3 | 6 | 33 | 11.74 | NS | NC |
| 35 | 160.63 | 163.68 | 3.05 | 3.05 | 100.00 | 1.75 | 57.38 | 10 | 3 | 6 | 35 | 11.48 | NS | NC |
| 35 | 163.68 | 166.73 | 3.05 | 2.82 | 92.46 | 1.55 | 54.96 | 10 | 3 | 6 | 30 | 10.64 | NS | NC |
| 35 | 166.73 | 169.77 | 3.04 | 3.03 | 99.67 | 1.25 | 41.25 | 11 | 3 | 5 | 50 | 16.50 | NS | NC |
| 35 | 169.77 | 172.82 | 3.05 | 2.95 | 96.72 | 1.91 | 64.75 | 10 | 3 | 5 | 20 | 6.78 | NS | NC |
| 35 | 172.82 | 175.87 | 3.05 | 3.05 | 100.00 | 2.13 | 69.84 | 13 | 3 | 5 | 19 | 6.23 | NS | NC |
| 35 | 175.87 | 178.92 | 3.05 | 3.02 | 99.02 | 2.18 | 72.19 | 12 | 3 | 5 | 23 | 7.62 | NS | NC |
| 35 | 178.92 | 181.97 | 3.05 | 3.06 | 100.33 | 2.88 | 94.12 | 15 | 3 | 6 | 11 | 3.59 | NS | NC |
| 35 | 181.97 | 185.01 | 3.04 | 3.04 | 100.00 | 2.76 | 90.79 | 15 | 3 | 6 | 14 | 4.61 | NS | NC |
| 35 | 185.01 | 188.06 | 3.05 | 3.00 | 98.36 | 2.90 | 96.67 | 15 | 3 | 6 | 8 | 2.67 | NS | NC |
| 35 | 188.06 | 191.11 | 3.05 | 3.05 | 100.00 | 2.86 | 93.77 | 14 | 3 | 6 | 10 | 3.28 | NS | NC |
| 35 | 191.11 | 194.16 | 3.05 | 2.99 | 98.03 | 2.39 | 79.93 | 14 | 4 | 6 | 14 | 4.68 | NS | NC |
| 35 | 194.16 | 197.21 | 3.05 | 3.03 | 99.34 | 2.37 | 78.22 | 15 | 4 | 6 | 17 | 5.61 | NS | NC |
| 35 | 197.21 | 200.25 | 3.04 | 2.96 | 97.37 | 2.26 | 76.35 | 14 | 4 | 6 | 14 | 4.73 | NS | NC |
| 35 | 200.25 | 203.30 | 3.05 | 3.05 | 100.00 | 2.82 | 92.46 | 13 | 3 | 6 | 14 | 4.59 | NS | NC |
| 35 | 203.30 | 206.35 | 3.05 | 3.05 | 100.00 | 2.03 | 66.56 | 12 | 3 | 6 | 21 | 6.89 | NS | NC |
| 35 | 206.35 | 209.40 | 3.05 | 2.99 | 98.03 | 1.98 | 66.22 | 12 | 3 | 5 | 19 | 6.35 | NS | NC |
| 35 | 209.40 | 212.45 | 3.05 | 3.05 | 100.00 | 2.44 | 80.00 | 12 | 3 | 5 | 17 | 5.57 | NS | NC |
| 35 | 212.45 | 215.49 | 3.04 | 3.04 | 100.00 | 1.71 | 56.25 | 10 | 3 | 5 | 29 | 9.54 | NS | NC |
| 35 | 215.49 | 218.54 | 3.05 | 2.93 | 96.07 | 2.63 | 89.76 | 14 | 4 | 5 | 13 | 4.44 | NS | NC |
| 35 | 218.54 | 221.59 | 3.05 | 3.05 | 100.00 | 2.67 | 87.54 | 13 | 3 | 6 | 16 | 5.25 | NS | NC |
| 35 | 221.59 | 224.64 | 3.05 | 3.00 | 98.36 | 2.09 | 69.67 | 13 | 3 | 6 | 18 | 6.00 | NS | NC |
| 35 | 224.64 | 227.69 | 3.05 | 3.02 | 99.02 | 1.85 | 61.26 | 13 | 2 | 5 | 21 | 6.95 | NS | NC |
| 35 | 227.69 | 230.73 | 3.04 | 3.04 | 100.00 | 2.44 | 80.26 | 13 | 2 | 5 | 20 | 6.58 | NS | NC |
| 35 | 230.73 | 233.78 | 3.05 | 3.03 | 99.34 | 2.00 | 66.01 | 12 | 2 | 5 | 23 | 7.59 | NS | NC |
| 35 | 233.78 | 236.83 | 3.05 | 3.02 | 99.02 | 1.88 | 62.25 | 14 | 2 | 5 | 26 | 8.61 | NS | NC |
| 35 | 236.83 | 239.88 | 3.05 | 3.08 | 100.98 | 2.01 | 65.26 | 13 | 2 | 5 | 23 | 7.47 | NS | NC |
| 35 | 239.88 | 242.93 | 3.05 | 3.03 | 99.34 | 2.67 | 88.12 | 14 | 3 | 6 | 12 | 3.96 | NS | NC |
| 35 | 242.93 | 245.97 | 3.04 | 3.00 | 98.68 | 2.94 | 98.00 | 15 | 3 | 6 | 10 | 3.33 | NS | NC |
| 35 | 245.97 | 249.02 | 3.05 | 2.90 | 95.08 | 2.24 | 77.24 | 14 | 3 | 6 | 14 | 4.83 | NS | NC |
| 35 | 249.02 | 252.07 | 3.05 | 3.05 | 100.00 | 2.56 | 83.93 | 14 | 4 | 6 | 14 | 4.59 | NS | NC |
| 35 | 252.07 | 255.12 | 3.05 | 2.98 | 97.70 | 2.92 | 97.99 | 13 | 4 | 6 | 10 | 3.36 | NS | NC |
| 35 | 255.12 | 258.17 | 3.05 | 3.02 | 99.02 | 2.48 | 82.12 | 14 | 3 | 6 | 19 | 6.29 | NS | NC |
| 35 | 258.17 | 261.21 | 3.04 | 3.04 | 100.00 | 2.11 | 69.41 | 13 | 3 | 6 | 19 | 6.25 | NS | NC |
| 35 | 261.21 | 264.26 | 3.05 | 3.04 | 99.67 | 2.03 | 66.78 | 12 | 3 | 6 | 19 | 6.25 | NS | NC |
| 35 | 264.26 | 267.31 | 3.05 | 3.05 | 100.00 | 1.75 | 57.38 | 12 | 4 | 6 | 24 | 7.87 | NS | NC |
| 35 | 267.31 | 270.36 | 3.05 | 3.00 | 98.36 | 2.57 | 85.67 | 13 | 4 | 6 | 16 | 5.33 | NS | NC |
| 35 | 270.36 | 273.41 | 3.05 | 3.05 | 100.00 | 2.37 | 77.70 | 11 | 4 | 6 | 18 | 5.90 | NS | NC |
| 35 | 273.41 | 276.45 | 3.04 | 3.01 | 99.01 | 2.22 | 73.75 | 13 | 4 | 6 | 17 | 5.65 | NS | NC |
| 35 | 276.45 | 279.50 | 3.05 | 3.02 | 99.02 | 1.68 | 55.63 | 10 | 4 | 6 | 27 | 8.94 | NS | NC |
| 35 | 279.50 | 282.55 | 3.05 | 3.05 | 100.00 | 2.32 | 76.07 | 11 | 4 | 6 | 22 | 7.21 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|-------|--------|------|------|------|-------|------|------|
| 36 | 7.07 | 8.84 | 1.77 | 1.28 | 72.32 | 0.00 | 0.00 | 9 | 3 | 3 | 50 | 39.06 | NS | NC |
| 36 | 8.84 | 9.75 | 0.91 | 0.61 | 67.03 | 0.00 | 0.00 | 9 | 3 | 3 | 23 | 37.70 | NS | NC |
| 36 | 9.75 | 12.80 | 3.05 | 0.36 | 11.80 | 0.00 | 0.00 | 8 | 3 | 3 | 15 | 41.67 | NS | NC |
| 36 | 12.80 | 14.02 | 1.22 | 0.88 | 72.13 | 0.00 | 0.00 | 9 | 3 | 3 | 27 | 30.68 | NS | NC |
| 36 | 14.02 | 15.84 | 1.82 | 1.28 | 70.33 | 0.15 | 11.72 | 10 | 3 | 3 | 25 | 19.53 | NS | NC |
| 36 | 15.84 | 17.37 | 1.53 | 1.46 | 95.42 | 0.35 | 23.97 | 10 | 3 | 3 | 35 | 23.97 | NS | NC |
| 36 | 17.37 | 18.90 | 1.53 | 1.45 | 94.77 | 0.00 | 0.00 | 9 | 3 | 3 | 24 | 16.55 | NS | NC |
| 36 | 18.90 | 20.42 | 1.52 | 1.33 | 87.50 | 0.30 | 22.56 | 10 | 3 | 3 | 29 | 21.80 | NS | NC |
| 36 | 20.42 | 21.95 | 1.53 | 1.27 | 83.01 | 0.33 | 25.98 | 10 | 3 | 4 | 17 | 13.39 | NS | NC |
| 36 | 21.95 | 23.47 | 1.52 | 1.41 | 92.76 | 0.23 | 16.31 | 10 | 3 | 4 | 22 | 15.60 | NS | NC |
| 36 | 23.47 | 24.99 | 1.52 | 1.41 | 92.76 | 0.53 | 37.59 | 10 | 3 | 4 | 10 | 7.09 | NS | NC |
| 36 | 24.99 | 26.52 | 1.53 | 1.49 | 97.39 | 0.39 | 26.17 | 10 | 3 | 4 | 16 | 10.74 | NS | NC |
| 36 | 26.52 | 28.04 | 1.52 | 1.29 | 84.87 | 0.32 | 24.81 | 10 | 3 | 4 | 27 | 20.93 | NS | NC |
| 36 | 28.04 | 29.57 | 1.53 | 1.45 | 94.77 | 0.32 | 22.07 | 9 | 3 | 4 | 25 | 17.24 | NS | NC |
| 36 | 29.57 | 31.09 | 1.52 | 1.20 | 78.95 | 0.00 | 0.00 | 9 | 3 | 4 | 25 | 20.83 | NS | NC |
| 36 | 31.09 | 32.61 | 1.52 | 1.16 | 76.32 | 0.22 | 18.97 | 10 | 3 | 4 | 10 | 8.62 | NS | NC |
| 36 | 32.61 | 34.14 | 1.53 | 1.06 | 69.28 | 0.42 | 39.62 | 10 | 2 | 4 | 7 | 6.60 | NS | NC |
| 36 | 34.14 | 35.66 | 1.52 | 1.42 | 93.42 | 0.50 | 35.21 | 10 | 3 | 4 | 18 | 12.68 | NS | NC |
| 36 | 35.66 | 37.19 | 1.53 | 1.42 | 92.81 | 0.36 | 25.35 | 10 | 3 | 4 | 15 | 10.56 | NS | NC |
| 36 | 37.19 | 38.71 | 1.52 | 1.41 | 92.76 | 0.48 | 34.04 | 10 | 3 | 4 | 15 | 10.64 | NS | NC |
| 36 | 38.71 | 40.29 | 1.58 | 1.34 | 84.81 | 0.52 | 38.81 | 10 | 3 | 4 | 14 | 10.45 | NS | NC |
| 36 | 40.29 | 41.76 | 1.47 | 1.42 | 96.60 | 0.16 | 11.27 | 10 | 3 | 4 | 21 | 14.79 | NS | NC |
| 36 | 41.76 | 43.28 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 36 | 43.28 | 44.81 | 1.53 | 0.83 | 54.25 | 0.00 | 0.00 | 5 | 3 | 4 | 47 | 56.63 | NS | NC |
| 36 | 44.81 | 46.33 | 1.52 | 1.36 | 89.47 | 0.00 | 0.00 | 9 | 3 | 4 | 31 | 22.79 | NS | NC |
| 36 | 46.33 | 47.85 | 1.52 | 1.51 | 99.34 | 0.00 | 0.00 | 9 | 3 | 5 | 34 | 22.52 | NS | NC |
| 36 | 47.85 | 49.38 | 1.53 | 1.78 | 116.34 | 0.00 | 0.00 | 9 | 3 | 5 | 50 | 28.09 | NS | NC |
| 36 | 49.38 | 52.43 | 3.05 | 1.87 | 61.31 | 0.00 | 0.00 | 7 | 3 | 5 | 50 | 26.74 | NS | NC |
| 36 | 52.43 | 57.00 | 4.57 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 36 | 57.00 | 58.52 | 1.52 | 0.91 | 59.87 | 0.00 | 0.00 | 7 | 2 | 5 | 50 | 54.95 | NS | NC |
| 36 | 58.52 | 60.05 | 1.53 | 1.25 | 81.70 | 0.00 | 0.00 | 7 | 2 | 5 | 50 | 40.00 | NS | NC |
| 36 | 60.05 | 61.57 | 1.52 | 1.27 | 83.55 | 0.34 | 26.77 | 10 | 2 | 5 | 15 | 11.81 | NS | NC |
| 36 | 61.57 | 63.09 | 1.52 | 1.46 | 96.05 | 0.00 | 0.00 | 8 | 2 | 5 | 50 | 34.25 | NS | NC |
| 36 | 63.09 | 64.62 | 1.53 | 1.28 | 83.66 | 0.34 | 26.56 | 10 | 2 | 6 | 11 | 8.59 | NS | NC |
| 36 | 64.62 | 66.14 | 1.52 | 1.12 | 73.68 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 44.64 | NS | NC |
| 36 | 66.14 | 67.67 | 1.53 | 1.27 | 83.01 | 0.21 | 16.54 | 9 | 3 | 6 | 24 | 18.90 | NS | NC |
| 36 | 67.67 | 69.19 | 1.52 | 1.24 | 81.58 | 0.27 | 21.77 | 5 | 3 | 6 | 50 | 40.32 | NS | NC |
| 36 | 69.19 | 70.71 | 1.52 | 1.10 | 72.37 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 45.45 | NS | NC |
| 36 | 70.71 | 72.24 | 1.53 | 0.79 | 51.63 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 63.29 | NS | NC |
| 36 | 72.24 | 73.76 | 1.52 | 1.19 | 78.29 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 42.02 | NS | NC |
| 36 | 73.76 | 75.29 | 1.53 | 1.14 | 74.51 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 43.86 | NS | NC |
| 36 | 75.29 | 76.81 | 1.52 | 1.10 | 72.37 | 0.00 | 0.00 | 8 | 3 | 6 | 50 | 45.45 | NS | NC |
| 36 | 76.81 | 78.33 | 1.52 | 1.31 | 86.18 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 38.17 | NS | NC |
| 36 | 78.33 | 79.86 | 1.53 | 1.33 | 86.93 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 37.59 | NS | NC |
| 36 | 79.86 | 81.38 | 1.52 | 0.84 | 55.26 | 0.00 | 0.00 | 8 | 3 | 6 | 50 | 59.52 | NS | NC |
| 36 | 81.38 | 82.91 | 1.53 | 1.08 | 70.59 | 0.00 | 0.00 | 9 | 3 | 6 | 50 | 46.30 | NS | NC |
| 36 | 82.91 | 84.43 | 1.52 | 1.32 | 86.84 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 37.88 | NS | NC |
| 36 | 84.43 | 85.95 | 1.52 | 1.19 | 78.29 | 0.16 | 13.45 | 7 | 3 | 6 | 50 | 42.02 | NS | NC |
| 36 | 85.95 | 87.48 | 1.53 | 1.36 | 88.89 | 0.00 | 0.00 | 8 | 3 | 6 | 50 | 36.76 | NS | NC |
| 36 | 87.48 | 89.00 | 1.52 | 1.33 | 87.50 | 0.00 | 0.00 | 9 | 3 | 6 | 50 | 37.59 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|-------|--------|------|------|------|--------|------|------|
| 36 | 89.00 | 90.53 | 1.53 | 1.25 | 81.70 | 0.00 | 0.00 | 8 | 3 | 6 | 50 | 40.00 | NS | NC |
| 36 | 90.53 | 92.05 | 1.52 | 1.37 | 90.13 | 0.15 | 10.95 | 7 | 3 | 6 | 50 | 36.50 | NS | NC |
| 36 | 92.05 | 93.57 | 1.52 | 0.40 | 26.32 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 125.00 | NS | NC |
| 36 | 93.57 | 95.10 | 1.53 | 0.59 | 38.56 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 84.75 | NS | NC |
| 36 | 95.10 | 98.15 | 3.05 | 0.77 | 25.25 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 64.94 | NS | NC |
| 36 | 98.15 | 99.67 | 1.52 | 0.95 | 62.50 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 52.63 | NS | NC |
| 36 | 99.67 | 101.19 | 1.52 | 0.10 | 6.58 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 500.00 | NS | NC |
| 36 | 101.19 | 102.72 | 1.53 | 1.15 | 75.16 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 43.48 | NS | NC |
| 36 | 102.72 | 104.24 | 1.52 | 0.89 | 58.55 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 56.18 | NS | NC |
| 36 | 104.24 | 107.29 | 3.05 | 1.91 | 62.62 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 26.18 | NS | NC |
| 36 | 107.29 | 108.81 | 1.52 | 1.50 | 98.68 | 0.00 | 0.00 | 9 | 3 | 6 | 50 | 33.33 | NS | NC |
| 36 | 108.81 | 110.34 | 1.53 | 1.39 | 90.85 | 0.00 | 0.00 | 9 | 3 | 6 | 47 | 33.81 | NS | NC |
| 36 | 110.34 | 111.86 | 1.52 | 1.11 | 73.03 | 0.00 | 0.00 | 9 | 3 | 6 | 50 | 45.05 | NS | NC |
| 36 | 111.86 | 113.39 | 1.53 | 1.29 | 84.31 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 38.76 | NS | NC |
| 36 | 113.39 | 114.91 | 1.52 | 1.28 | 84.21 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 39.06 | NS | NC |
| 36 | 114.91 | 116.43 | 1.52 | 0.85 | 55.92 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 58.82 | NS | NC |
| 36 | 116.43 | 117.96 | 1.53 | 0.43 | 28.10 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 116.28 | NS | NC |
| 36 | 117.96 | 119.48 | 1.52 | 1.00 | 65.79 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 50.00 | NS | NC |
| 36 | 119.48 | 121.01 | 1.53 | 0.29 | 18.95 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 172.41 | NS | NC |
| 36 | 121.01 | 124.05 | 3.04 | 0.36 | 11.84 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 138.89 | NS | NC |
| 36 | 124.05 | 125.58 | 1.53 | 0.31 | 20.26 | 0.00 | 0.00 | 3 | 2 | 6 | 50 | 161.29 | NS | NC |
| 36 | 125.58 | 127.10 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 36 | 127.10 | 128.63 | 1.53 | 0.15 | 9.80 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 333.33 | NS | NC |
| 36 | 128.63 | 130.15 | 1.52 | 0.53 | 34.87 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 94.34 | NS | NC |
| 36 | 130.15 | 134.72 | 4.57 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 36 | 134.72 | 136.25 | 1.53 | 0.22 | 14.38 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 227.27 | NS | NC |
| 36 | 136.25 | 140.82 | 4.57 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 36 | 140.82 | 143.87 | 3.05 | 0.18 | 5.90 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 277.78 | NS | NC |
| 36 | 143.87 | 144.48 | 0.61 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 36 | 144.48 | 145.39 | 0.91 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 36 | 145.39 | 146.91 | 1.52 | 0.81 | 53.29 | 0.17 | 20.99 | 10 | 3 | 6 | 8 | 9.88 | NS | NC |
| 36 | 146.91 | 148.44 | 1.53 | 1.48 | 96.73 | 0.32 | 21.62 | 10 | 3 | 6 | 17 | 11.49 | NS | NC |
| 36 | 148.44 | 149.96 | 1.52 | 1.29 | 84.87 | 0.31 | 24.03 | 10 | 3 | 6 | 18 | 13.95 | NS | NC |
| 36 | 149.96 | 151.49 | 1.53 | 1.27 | 83.01 | 0.83 | 65.35 | 13 | 4 | 6 | 8 | 6.30 | NS | NC |
| 36 | 151.49 | 154.53 | 3.04 | 2.91 | 95.72 | 1.19 | 40.89 | 10 | 4 | 6 | 33 | 11.34 | NS | NC |
| 36 | 154.53 | 157.58 | 3.05 | 3.05 | 100.00 | 2.38 | 78.03 | 12 | 4 | 6 | 17 | 5.57 | NS | NC |
| 36 | 157.58 | 160.63 | 3.05 | 3.05 | 100.00 | 1.98 | 64.92 | 12 | 1 | 6 | 34 | 11.15 | NS | NC |
| 36 | 160.63 | 163.68 | 3.05 | 3.05 | 100.00 | 2.59 | 84.92 | 12 | 5 | 6 | 17 | 5.57 | NS | NC |
| 36 | 163.68 | 166.73 | 3.05 | 3.00 | 98.36 | 2.54 | 84.67 | 14 | 4 | 6 | 15 | 5.00 | NS | NC |
| 36 | 166.73 | 169.77 | 3.04 | 3.01 | 99.01 | 2.27 | 75.42 | 12 | 3 | 6 | 22 | 7.31 | NS | NC |
| 36 | 169.77 | 172.82 | 3.05 | 2.99 | 98.03 | 2.37 | 79.26 | 12 | 5 | 6 | 19 | 6.35 | NS | NC |
| 36 | 172.82 | 175.87 | 3.05 | 3.05 | 100.00 | 2.26 | 74.10 | 14 | 5 | 6 | 17 | 5.57 | NS | NC |
| 36 | 175.87 | 178.92 | 3.05 | 2.97 | 97.38 | 2.68 | 90.24 | 14 | 4 | 6 | 12 | 4.04 | NS | NC |
| 36 | 178.92 | 181.97 | 3.05 | 3.02 | 99.02 | 2.40 | 79.47 | 13 | 4 | 6 | 14 | 4.64 | NS | NC |
| 36 | 181.97 | 185.01 | 3.04 | 2.88 | 94.74 | 1.65 | 57.29 | 10 | 4 | 6 | 28 | 9.72 | NS | NC |
| 36 | 185.01 | 188.06 | 3.05 | 3.05 | 100.00 | 2.97 | 97.38 | 13 | 4 | 6 | 15 | 4.92 | NS | NC |
| 36 | 188.06 | 191.11 | 3.05 | 2.80 | 91.80 | 1.11 | 39.64 | 10 | 3 | 6 | 25 | 8.93 | NS | NC |
| 36 | 191.11 | 194.16 | 3.05 | 2.97 | 97.38 | 2.22 | 74.75 | 13 | 4 | 6 | 19 | 6.40 | NS | NC |
| 36 | 194.16 | 197.21 | 3.05 | 3.05 | 100.00 | 2.54 | 83.28 | 13 | 4 | 6 | 14 | 4.59 | NS | NC |
| 36 | 197.21 | 200.25 | 3.04 | 3.04 | 100.00 | 2.82 | 92.76 | 13 | 4 | 6 | 15 | 4.93 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|-------|------|------|
| 36 | 200.25 | 203.30 | 3.05 | 3.05 | 100.00 | 2.73 | 89.51 | 12 | 4 | 6 | 18 | 5.90 | NS | NC |
| 36 | 203.30 | 206.35 | 3.05 | 3.02 | 99.02 | 3.00 | 99.34 | 12 | 4 | 6 | 19 | 6.29 | NS | NC |
| 36 | 206.35 | 209.40 | 3.05 | 3.05 | 100.00 | 2.23 | 73.11 | 12 | 4 | 6 | 20 | 6.56 | NS | NC |
| 36 | 209.40 | 212.45 | 3.05 | 3.02 | 99.02 | 2.33 | 77.15 | 13 | 3 | 6 | 21 | 6.95 | NS | NC |
| 36 | 212.45 | 215.49 | 3.04 | 3.04 | 100.00 | 2.51 | 82.57 | 13 | 4 | 6 | 22 | 7.24 | NS | NC |
| 36 | 215.49 | 218.54 | 3.05 | 3.00 | 98.36 | 2.23 | 74.33 | 11 | 4 | 6 | 24 | 8.00 | NS | NC |
| 36 | 218.54 | 221.59 | 3.05 | 3.05 | 100.00 | 2.94 | 96.39 | 12 | 4 | 6 | 18 | 5.90 | NS | NC |
| 36 | 221.59 | 224.64 | 3.05 | 2.93 | 96.07 | 2.39 | 81.57 | 13 | 4 | 6 | 18 | 6.14 | NS | NC |
| 36 | 224.64 | 227.69 | 3.05 | 2.98 | 97.70 | 1.85 | 62.08 | 12 | 4 | 6 | 24 | 8.05 | NS | NC |
| 36 | 227.69 | 230.73 | 3.04 | 3.04 | 100.00 | 2.14 | 70.39 | 11 | 4 | 6 | 20 | 6.58 | NS | NC |
| 36 | 230.73 | 233.78 | 3.05 | 2.92 | 95.74 | 1.99 | 68.15 | 11 | 4 | 6 | 32 | 10.96 | NS | NC |
| 36 | 233.78 | 236.83 | 3.05 | 3.05 | 100.00 | 1.84 | 60.33 | 11 | 4 | 6 | 27 | 8.85 | NS | NC |
| 36 | 236.83 | 239.88 | 3.05 | 2.95 | 96.72 | 1.26 | 42.71 | 10 | 4 | 6 | 34 | 11.53 | NS | NC |
| 36 | 239.88 | 242.93 | 3.05 | 2.88 | 94.43 | 1.56 | 54.17 | 10 | 4 | 6 | 30 | 10.42 | NS | NC |
| 36 | 242.93 | 245.97 | 3.04 | 2.90 | 95.39 | 1.92 | 66.21 | 12 | 4 | 6 | 20 | 6.90 | NS | NC |
| 36 | 245.97 | 249.02 | 3.05 | 2.90 | 95.08 | 2.48 | 85.52 | 12 | 4 | 6 | 18 | 6.21 | NS | NC |
| 36 | 249.02 | 252.07 | 3.05 | 2.99 | 98.03 | 2.61 | 87.29 | 12 | 4 | 6 | 21 | 7.02 | NS | NC |
| 36 | 252.07 | 255.12 | 3.05 | 3.05 | 100.00 | 1.95 | 63.93 | 11 | 4 | 6 | 23 | 7.54 | NS | NC |
| 36 | 255.12 | 258.17 | 3.05 | 3.05 | 100.00 | 2.44 | 80.00 | 12 | 4 | 6 | 26 | 8.52 | NS | NC |
| 36 | 258.17 | 261.21 | 3.04 | 3.04 | 100.00 | 2.56 | 84.21 | 13 | 4 | 6 | 22 | 7.24 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|-------|--------|------|------|------|--------|------|------|
| 42 | 4.88 | 6.71 | 1.83 | 0.35 | 19.13 | 0.00 | 0.00 | 3 | 2 | 3 | 50 | 142.86 | NS | NC |
| 42 | 6.71 | 8.23 | 1.52 | 1.09 | 71.71 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 45.87 | NS | NC |
| 42 | 8.23 | 9.75 | 1.52 | 0.96 | 63.16 | 0.00 | 0.00 | 8 | 2 | 3 | 50 | 52.08 | NS | NC |
| 42 | 9.75 | 11.28 | 1.53 | 1.31 | 85.62 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 38.17 | NS | NC |
| 42 | 11.28 | 12.80 | 1.52 | 1.00 | 65.79 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 50.00 | NS | NC |
| 42 | 12.80 | 14.33 | 1.53 | 1.43 | 93.46 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 34.97 | NS | NC |
| 42 | 14.33 | 15.85 | 1.52 | 1.30 | 85.53 | 0.23 | 17.69 | 10 | 2 | 3 | 50 | 38.46 | NS | NC |
| 42 | 15.85 | 17.37 | 1.52 | 1.22 | 80.26 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 40.98 | NS | NC |
| 42 | 17.37 | 18.90 | 1.53 | 1.13 | 73.86 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 44.25 | NS | NC |
| 42 | 18.90 | 20.42 | 1.52 | 1.29 | 84.87 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 38.76 | NS | NC |
| 42 | 20.42 | 21.94 | 1.52 | 1.09 | 71.71 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 45.87 | NS | NC |
| 42 | 21.94 | 23.47 | 1.53 | 1.03 | 67.32 | 0.00 | 0.00 | 3 | 2 | 5 | 50 | 48.54 | NS | NC |
| 42 | 23.47 | 24.99 | 1.52 | 1.06 | 69.74 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 47.17 | NS | NC |
| 42 | 24.99 | 26.52 | 1.53 | 1.08 | 70.59 | 0.00 | 0.00 | 6 | 2 | 5 | 50 | 46.30 | NS | NC |
| 42 | 26.52 | 28.04 | 1.52 | 1.41 | 92.76 | 0.00 | 0.00 | 9 | 3 | 5 | 27 | 19.15 | NS | NC |
| 42 | 28.04 | 29.57 | 1.53 | 1.43 | 93.46 | 0.40 | 27.97 | 10 | 3 | 5 | 33 | 23.08 | NS | NC |
| 42 | 29.57 | 31.09 | 1.52 | 1.31 | 86.18 | 0.00 | 0.00 | 9 | 3 | 5 | 17 | 12.98 | NS | NC |
| 42 | 31.09 | 32.61 | 1.52 | 1.41 | 92.76 | 0.58 | 41.13 | 10 | 3 | 5 | 31 | 21.99 | NS | NC |
| 42 | 32.61 | 34.14 | 1.53 | 1.42 | 92.81 | 0.67 | 47.18 | 11 | 3 | 5 | 11 | 7.75 | NS | NC |
| 42 | 34.14 | 35.66 | 1.52 | 1.52 | 100.00 | 0.38 | 25.00 | 10 | 3 | 5 | 29 | 19.08 | NS | NC |
| 42 | 35.66 | 37.19 | 1.53 | 1.29 | 84.31 | 0.18 | 13.95 | 8 | 3 | 5 | 35 | 27.13 | NS | NC |
| 42 | 37.19 | 38.71 | 1.52 | 1.33 | 87.50 | 0.25 | 18.80 | 9 | 3 | 5 | 45 | 33.83 | NS | NC |
| 42 | 38.71 | 40.23 | 1.52 | 1.35 | 88.82 | 0.98 | 72.59 | 13 | 3 | 5 | 9 | 6.67 | NS | NC |
| 42 | 40.23 | 41.76 | 1.53 | 1.32 | 86.27 | 1.11 | 84.09 | 13 | 3 | 5 | 10 | 7.58 | NS | NC |
| 42 | 41.76 | 44.81 | 3.05 | 2.93 | 96.07 | 1.81 | 61.77 | 12 | 3 | 5 | 26 | 8.87 | NS | NC |
| 42 | 44.81 | 46.63 | 1.82 | 1.38 | 75.82 | 0.24 | 17.39 | 9 | 3 | 5 | 36 | 26.09 | NS | NC |
| 42 | 46.63 | 47.55 | 0.92 | 0.59 | 64.13 | 0.00 | 0.00 | 6 | 3 | 5 | 50 | 84.75 | NS | NC |
| 42 | 47.55 | 48.77 | 1.22 | 0.60 | 49.18 | 0.00 | 0.00 | 4 | 3 | 5 | 50 | 83.33 | NS | NC |
| 42 | 48.77 | 49.68 | 0.91 | 0.29 | 31.87 | 0.00 | 0.00 | 4 | 3 | 5 | 50 | 172.41 | NS | NC |
| 42 | 49.68 | 50.90 | 1.22 | 0.86 | 70.49 | 0.00 | 0.00 | 4 | 3 | 5 | 50 | 58.14 | NS | NC |
| 42 | 50.90 | 52.12 | 1.22 | 1.03 | 84.43 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 48.54 | NS | NC |
| 42 | 52.12 | 52.73 | 0.61 | 0.57 | 93.44 | 0.00 | 0.00 | 4 | 2 | 5 | 50 | 87.72 | NS | NC |
| 42 | 52.73 | 54.56 | 1.83 | 1.45 | 79.23 | 0.10 | 6.90 | 6 | 2 | 5 | 50 | 34.48 | NS | NC |
| 42 | 54.56 | 57.00 | 2.44 | 1.17 | 47.95 | 0.00 | 0.00 | 6 | 2 | 5 | 50 | 42.74 | NS | NC |
| 42 | 57.00 | 59.13 | 2.13 | 1.65 | 77.46 | 0.00 | 0.00 | 6 | 2 | 5 | 50 | 30.30 | NS | NC |
| 42 | 59.13 | 60.66 | 1.53 | 0.67 | 43.79 | 0.00 | 0.00 | 6 | 2 | 5 | 50 | 74.63 | NS | NC |
| 42 | 60.66 | 62.18 | 1.52 | 0.82 | 53.95 | 0.00 | 0.00 | 2 | 2 | 6 | 50 | 60.98 | NS | NC |
| 42 | 62.18 | 63.09 | 0.91 | 0.73 | 80.22 | 0.00 | 0.00 | 1 | 2 | 6 | 50 | 68.49 | NS | NC |
| 42 | 63.09 | 64.62 | 1.53 | 1.05 | 68.63 | 0.00 | 0.00 | 1 | 2 | 6 | 50 | 47.62 | NS | NC |
| 42 | 64.62 | 66.14 | 1.52 | 0.35 | 23.03 | 0.00 | 0.00 | 4 | 2 | 6 | 50 | 142.86 | NS | NC |
| 42 | 66.14 | 67.67 | 1.53 | 1.24 | 81.05 | 0.00 | 0.00 | 3 | 2 | 6 | 50 | 40.32 | NS | NC |
| 42 | 67.67 | 69.19 | 1.52 | 1.03 | 67.76 | 0.00 | 0.00 | 3 | 2 | 6 | 50 | 48.54 | NS | NC |
| 42 | 69.19 | 70.71 | 1.52 | 1.11 | 73.03 | 0.00 | 0.00 | 3 | 2 | 6 | 50 | 45.05 | NS | NC |
| 42 | 70.71 | 72.24 | 1.53 | 0.62 | 40.52 | 0.00 | 0.00 | 4 | 2 | 6 | 50 | 80.65 | NS | NC |
| 42 | 72.24 | 75.29 | 3.05 | 1.24 | 40.66 | 0.00 | 0.00 | 3 | 2 | 6 | 50 | 40.32 | NS | NC |
| 42 | 75.29 | 76.81 | 1.52 | 0.96 | 63.16 | 0.00 | 0.00 | 4 | 2 | 6 | 50 | 52.08 | NS | NC |
| 42 | 76.81 | 78.03 | 1.22 | 0.52 | 42.62 | 0.00 | 0.00 | 4 | 2 | 6 | 50 | 96.15 | NS | NC |
| 42 | 78.03 | 78.94 | 0.91 | 0.36 | 39.56 | 0.00 | 0.00 | 4 | 2 | 6 | 50 | 138.89 | NS | NC |
| 42 | 78.94 | 80.16 | 1.22 | 0.43 | 35.25 | 0.00 | 0.00 | 4 | 2 | 6 | 50 | 116.28 | NS | NC |
| 42 | 80.16 | 80.42 | 0.26 | 0.13 | 50.00 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 384.62 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|--------|------|------|
| 42 | 80.42 | 80.77 | 0.35 | 0.25 | 71.43 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 200.00 | NS | NC |
| 42 | 80.77 | 83.82 | 3.05 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 42 | 83.82 | 84.82 | 1.00 | 0.16 | 16.00 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 312.50 | NS | NC |
| 42 | 84.82 | 86.87 | 2.05 | 0.54 | 26.34 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 92.59 | NS | NC |
| 42 | 86.87 | 87.48 | 0.61 | 0.49 | 80.33 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 102.04 | NS | NC |
| 42 | 87.48 | 88.70 | 1.22 | 0.33 | 27.05 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 151.52 | NS | NC |
| 42 | 88.70 | 89.61 | 0.91 | 0.83 | 91.21 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 60.24 | NS | NC |
| 42 | 89.61 | 90.22 | 0.61 | 0.15 | 24.59 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 333.33 | NS | NC |
| 42 | 90.22 | 90.83 | 0.61 | 0.23 | 37.70 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 217.39 | NS | NC |
| 42 | 90.83 | 91.74 | 0.91 | 0.65 | 71.43 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 76.92 | NS | NC |
| 42 | 91.74 | 92.35 | 0.61 | 0.36 | 59.02 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 138.89 | NS | NC |
| 42 | 92.35 | 93.57 | 1.22 | 0.63 | 51.64 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 79.37 | NS | NC |
| 42 | 93.57 | 96.01 | 2.44 | 0.76 | 31.15 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 65.79 | NS | NC |
| 42 | 96.01 | 96.62 | 0.61 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 42 | 96.62 | 98.15 | 1.53 | 0.86 | 56.21 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 58.14 | NS | NC |
| 42 | 98.15 | 99.67 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 42 | 99.67 | 101.16 | 1.49 | 0.10 | 6.71 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 500.00 | NS | NC |
| 42 | 101.16 | 112.78 | 11.62 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 42 | 112.78 | 114.30 | 1.52 | 0.84 | 55.26 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 59.52 | NS | NC |
| 42 | 114.30 | 115.82 | 1.52 | 0.28 | 18.42 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 178.57 | NS | NC |
| 42 | 115.82 | 117.35 | 1.53 | 0.09 | 5.88 | 0.00 | 0.00 | 6 | 3 | 6 | 1 | 11.11 | NS | NC |
| 42 | 117.35 | 118.87 | 1.52 | 0.30 | 19.74 | 0.00 | 0.00 | 3 | 2 | 6 | 50 | 166.67 | NS | NC |
| 42 | 118.87 | 121.01 | 2.14 | 0.13 | 6.07 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 384.62 | NS | NC |
| 42 | 121.01 | 122.53 | 1.52 | 0.70 | 46.05 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 71.43 | NS | NC |
| 42 | 122.53 | 125.58 | 3.05 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 42 | 125.58 | 127.10 | 1.52 | 0.35 | 23.03 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 142.86 | NS | NC |
| 42 | 127.10 | 128.63 | 1.53 | 0.09 | 5.88 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 555.56 | NS | NC |
| 42 | 128.63 | 146.30 | 17.67 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 42 | 146.30 | 148.44 | 2.14 | 1.94 | 90.65 | 1.75 | 90.21 | 13 | 3 | 4 | 7 | 3.61 | NS | NC |
| 42 | 148.44 | 151.49 | 3.05 | 3.03 | 99.34 | 2.68 | 88.45 | 14 | 3 | 4 | 10 | 3.30 | NS | NC |
| 42 | 151.49 | 154.53 | 3.04 | 2.83 | 93.09 | 1.87 | 66.08 | 13 | 3 | 4 | 24 | 8.48 | NS | NC |
| 42 | 154.53 | 157.58 | 3.05 | 3.01 | 98.69 | 2.22 | 73.75 | 15 | 3 | 4 | 16 | 5.32 | NS | NC |
| 42 | 157.58 | 160.63 | 3.05 | 3.02 | 99.02 | 2.06 | 68.21 | 12 | 3 | 4 | 26 | 8.61 | NS | NC |
| 42 | 160.63 | 163.68 | 3.05 | 2.90 | 95.08 | 1.13 | 38.97 | 10 | 3 | 5 | 34 | 11.72 | NS | NC |
| 42 | 163.68 | 166.73 | 3.05 | 3.04 | 99.67 | 1.12 | 36.84 | 10 | 3 | 5 | 28 | 9.21 | NS | NC |
| 42 | 166.73 | 169.77 | 3.04 | 2.99 | 98.36 | 2.30 | 76.92 | 12 | 3 | 5 | 18 | 6.02 | NS | NC |
| 42 | 169.77 | 172.82 | 3.05 | 3.01 | 98.69 | 2.15 | 71.43 | 13 | 3 | 5 | 17 | 5.65 | NS | NC |
| 42 | 172.82 | 175.87 | 3.05 | 2.89 | 94.75 | 2.53 | 87.54 | 14 | 3 | 5 | 14 | 4.84 | NS | NC |
| 42 | 175.87 | 178.92 | 3.05 | 3.06 | 100.33 | 2.85 | 93.14 | 15 | 3 | 6 | 9 | 2.94 | NS | NC |
| 42 | 178.92 | 181.97 | 3.05 | 3.01 | 98.69 | 2.75 | 91.36 | 15 | 3 | 6 | 8 | 2.66 | NS | NC |
| 42 | 181.97 | 185.01 | 3.04 | 3.00 | 98.68 | 2.30 | 76.67 | 14 | 3 | 6 | 15 | 5.00 | NS | NC |
| 42 | 185.01 | 188.06 | 3.05 | 3.05 | 100.00 | 2.47 | 80.98 | 14 | 3 | 6 | 14 | 4.59 | NS | NC |
| 42 | 188.06 | 191.11 | 3.05 | 2.98 | 97.70 | 2.41 | 80.87 | 13 | 3 | 6 | 15 | 5.03 | NS | NC |
| 42 | 191.11 | 194.16 | 3.05 | 3.06 | 100.33 | 2.72 | 88.89 | 14 | 3 | 6 | 11 | 3.59 | NS | NC |
| 42 | 194.16 | 197.21 | 3.05 | 3.05 | 100.00 | 2.35 | 77.05 | 13 | 3 | 6 | 16 | 5.25 | NS | NC |
| 42 | 197.21 | 200.25 | 3.04 | 3.03 | 99.67 | 1.41 | 46.53 | 10 | 3 | 6 | 24 | 7.92 | NS | NC |
| 42 | 200.25 | 203.30 | 3.05 | 2.64 | 86.56 | 2.38 | 90.15 | 14 | 3 | 6 | 8 | 3.03 | NS | NC |
| 42 | 203.30 | 206.35 | 3.05 | 3.02 | 99.02 | 1.79 | 59.27 | 13 | 3 | 6 | 34 | 11.26 | NS | NC |
| 42 | 206.35 | 209.40 | 3.05 | 3.07 | 100.66 | 2.29 | 74.59 | 14 | 3 | 6 | 11 | 3.58 | NS | NC |
| 42 | 209.40 | 212.45 | 3.05 | 3.06 | 100.33 | 2.50 | 81.70 | 15 | 3 | 6 | 11 | 3.59 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC. (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|-------------|----------|------|----------|-----------|------|------|------|-------|------|------|
| 42 | 212.45 | 215.49 | 3.04 | 2.86 | 94.08 | 2.32 | 81.12 | 15 | 3 | 6 | 9 | 3.15 | NS | NC |
| 42 | 215.49 | 218.54 | 3.05 | 2.82 | 92.46 | 2.38 | 84.40 | 14 | 4 | 6 | 13 | 4.61 | NS | NC |
| 42 | 218.54 | 221.59 | 3.05 | 2.99 | 98.03 | 2.51 | 83.95 | 14 | 4 | 6 | 13 | 4.35 | NS | NC |
| 42 | 221.59 | 224.64 | 3.05 | 3.18 | 104.26 | 2.77 | 87.11 | 15 | 3 | 6 | 9 | 2.83 | NS | NC |
| 42 | 224.64 | 227.69 | 3.05 | 3.09 | 101.31 | 1.80 | 58.25 | 14 | 3 | 6 | 29 | 9.39 | NS | NC |
| 42 | 227.69 | 229.21 | 1.52 | 1.73 | 113.82 | 0.70 | 40.46 | 11 | 3 | 6 | 33 | 19.08 | NS | NC |
| 42 | 229.21 | 231.95 | 2.74 | 2.70 | 98.54 | 1.64 | 60.74 | 11 | 4 | 6 | 31 | 11.48 | NS | NC |
| 42 | 231.95 | 233.78 | 1.83 | 1.72 | 93.99 | 1.38 | 80.23 | 12 | 3 | 6 | 13 | 7.56 | NS | NC |
| 42 | 233.78 | 236.83 | 3.05 | 2.96 | 97.05 | 2.09 | 70.61 | 12 | 3 | 5 | 29 | 9.80 | NS | NC |
| 42 | 236.83 | 239.88 | 3.05 | 3.02 | 99.02 | 1.45 | 48.01 | 11 | 3 | 5 | 37 | 12.25 | NS | NC |
| 42 | 239.88 | 242.93 | 3.05 | 2.57 | 84.26 | 0.85 | 33.07 | 10 | 3 | 5 | 50 | 19.46 | NS | NC |
| 42 | 242.93 | 245.97 | 3.04 | 2.66 | 87.50 | 0.39 | 14.66 | 9 | 3 | 5 | 50 | 18.80 | NS | NC |
| 42 | 245.97 | 249.02 | 3.05 | 2.97 | 97.38 | 1.58 | 53.20 | 12 | 3 | 5 | 23 | 7.74 | NS | NC |
| 42 | 249.02 | 252.07 | 3.05 | 3.02 | 99.02 | 1.98 | 65.56 | 12 | 3 | 6 | 21 | 6.95 | NS | NC |
| 42 | 252.07 | 255.12 | 3.05 | 2.96 | 97.05 | 1.64 | 55.41 | 12 | 4 | 6 | 12 | 4.05 | NS | NC |
| 42 | 255.12 | 258.17 | 3.05 | 2.96 | 97.05 | 0.53 | 17.91 | 11 | 5 | 6 | 25 | 8.45 | NS | NC |
| 42 | 258.17 | 261.12 | 2.95 | 3.06 | 103.73 | 1.68 | 54.90 | 13 | 5 | 6 | 22 | 7.19 | NS | NC |
| 42 | 261.12 | 264.26 | 3.14 | 3.03 | 96.50 | 1.15 | 37.95 | 9 | 5 | 6 | 43 | 14.19 | NS | NC |
| 42 | 264.26 | 267.31 | 3.05 | 3.06 | 100.33 | 1.42 | 46.41 | 10 | 4 | 6 | 28 | 9.15 | NS | NC |
| 42 | 267.31 | 270.36 | 3.05 | 3.03 | 99.34 | 1.75 | 57.76 | 12 | 3 | 5 | 24 | 7.92 | NS | NC |
| 42 | 270.36 | 273.41 | 3.05 | 2.98 | 97.70 | 1.68 | 56.38 | 12 | 4 | 5 | 22 | 7.38 | NS | NC |
| 42 | 273.41 | 276.45 | 3.04 | 3.01 | 99.01 | 1.99 | 66.11 | 12 | 4 | 5 | 18 | 5.98 | NS | NC |
| 42 | 276.45 | 279.50 | 3.05 | 3.02 | 99.02 | 1.06 | 35.10 | 10 | 4 | 5 | 49 | 16.23 | NS | NC |
| 42 | 279.50 | 282.55 | 3.05 | 2.89 | 94.75 | 1.16 | 40.14 | 10 | 3 | 6 | 33 | 11.42 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|--------|------|------|
| 44 | 8.22 | 12.80 | 4.58 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 12.80 | 15.24 | 2.44 | 0.26 | 10.66 | 0.00 | 0.00 | 6 | 3 | 5 | 50 | 192.31 | NS | NC |
| 44 | 15.24 | 18.28 | 3.04 | 0.16 | 5.26 | 0.00 | 0.00 | 4 | 2 | 5 | 50 | 312.50 | NS | NC |
| 44 | 18.28 | 19.81 | 1.53 | 0.19 | 12.42 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 263.16 | NS | NC |
| 44 | 19.81 | 21.33 | 1.52 | 0.12 | 7.89 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 416.67 | NS | NC |
| 44 | 21.33 | 24.30 | 2.97 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 24.30 | 53.34 | 29.04 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 53.34 | 54.86 | 1.52 | 0.91 | 59.87 | 0.00 | 0.00 | 8 | 2 | 3 | 50 | 54.95 | NS | NC |
| 44 | 54.86 | 56.38 | 1.52 | 0.43 | 28.29 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 116.28 | NS | NC |
| 44 | 56.38 | 57.91 | 1.53 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 57.91 | 59.43 | 1.52 | 0.06 | 3.95 | 0.00 | 0.00 | 4 | 2 | 5 | 50 | 833.33 | NS | NC |
| 44 | 59.43 | 60.96 | 1.53 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 60.96 | 62.48 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 62.48 | 74.99 | 12.51 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 74.99 | 78.33 | 3.34 | 3.00 | 89.82 | 2.09 | 69.67 | 12 | 2 | 6 | 15 | 5.00 | NS | NC |
| 44 | 78.33 | 81.38 | 3.05 | 2.92 | 95.74 | 1.58 | 54.11 | 9 | 2 | 6 | 50 | 17.12 | NS | NC |
| 44 | 81.38 | 84.42 | 3.04 | 2.97 | 97.70 | 2.49 | 83.84 | 13 | 3 | 6 | 16 | 5.39 | NS | NC |
| 44 | 84.42 | 87.17 | 2.75 | 2.65 | 96.36 | 2.14 | 80.75 | 12 | 3 | 6 | 21 | 7.92 | NS | NC |
| 44 | 87.17 | 90.52 | 3.35 | 2.95 | 88.06 | 1.35 | 45.76 | 8 | 3 | 6 | 28 | 9.49 | NS | NC |
| 44 | 90.52 | 93.57 | 3.05 | 3.03 | 99.34 | 1.38 | 45.54 | 8 | 3 | 6 | 27 | 8.91 | NS | NC |
| 44 | 93.57 | 96.62 | 3.05 | 3.02 | 99.02 | 2.30 | 76.16 | 12 | 3 | 6 | 17 | 5.63 | NS | NC |
| 44 | 96.62 | 99.66 | 3.04 | 2.91 | 95.72 | 2.57 | 88.32 | 13 | 3 | 6 | 17 | 5.84 | NS | NC |
| 44 | 99.66 | 102.71 | 3.05 | 2.92 | 95.74 | 2.66 | 91.10 | 13 | 3 | 6 | 13 | 4.45 | NS | NC |
| 44 | 102.71 | 105.76 | 3.05 | 2.53 | 82.95 | 2.24 | 88.54 | 12 | 3 | 6 | 11 | 4.35 | NS | NC |
| 44 | 105.76 | 108.50 | 2.74 | 2.52 | 91.97 | 1.91 | 75.79 | 11 | 3 | 6 | 15 | 5.95 | NS | NC |
| 44 | 108.50 | 111.25 | 2.75 | 2.75 | 100.00 | 2.25 | 81.82 | 12 | 3 | 6 | 16 | 5.82 | NS | NC |
| 44 | 111.25 | 112.76 | 1.51 | 0.59 | 39.07 | 0.13 | 22.03 | 7 | 3 | 6 | 4 | 6.78 | NS | NC |
| 44 | 112.76 | 114.90 | 2.14 | 1.24 | 57.94 | 0.00 | 0.00 | 7 | 3 | 6 | 12 | 9.68 | NS | NC |
| 44 | 114.90 | 117.96 | 3.06 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 44 | 117.96 | 121.00 | 3.04 | 3.09 | 101.64 | 1.02 | 33.01 | 9 | 3 | 6 | 32 | 10.36 | NS | NC |
| 44 | 121.00 | 124.05 | 3.05 | 2.54 | 83.28 | 0.88 | 34.65 | 9 | 3 | 6 | 26 | 10.24 | NS | NC |
| 44 | 124.05 | 127.10 | 3.05 | 2.21 | 72.46 | 0.39 | 17.65 | 9 | 3 | 6 | 36 | 16.29 | NS | NC |
| 44 | 127.10 | 130.14 | 3.04 | 2.68 | 88.16 | 0.71 | 26.49 | 8 | 2 | 5 | 32 | 11.94 | NS | NC |
| 44 | 130.14 | 133.19 | 3.05 | 2.79 | 91.48 | 0.94 | 33.69 | 10 | 2 | 5 | 34 | 12.19 | NS | NC |
| 44 | 133.19 | 136.24 | 3.05 | 2.58 | 84.59 | 0.65 | 25.19 | 7 | 3 | 6 | 50 | 19.38 | NS | NC |
| 44 | 136.24 | 139.29 | 3.05 | 2.46 | 80.66 | 0.56 | 22.76 | 8 | 3 | 6 | 50 | 20.33 | NS | NC |
| 44 | 139.29 | 142.34 | 3.05 | 2.88 | 94.43 | 0.98 | 34.03 | 9 | 3 | 6 | 37 | 12.85 | NS | NC |
| 44 | 142.34 | 145.38 | 3.04 | 2.93 | 96.38 | 0.42 | 14.33 | 9 | 3 | 6 | 41 | 13.99 | NS | NC |
| 44 | 145.38 | 148.43 | 3.05 | 2.58 | 84.59 | 0.92 | 35.66 | 9 | 3 | 6 | 31 | 12.02 | NS | NC |
| 44 | 148.43 | 151.48 | 3.05 | 3.04 | 99.67 | 1.17 | 38.49 | 10 | 3 | 6 | 37 | 12.17 | NS | NC |
| 44 | 151.48 | 154.53 | 3.05 | 2.70 | 88.52 | 1.27 | 47.04 | 10 | 3 | 6 | 30 | 11.11 | NS | NC |
| 44 | 154.53 | 157.58 | 3.05 | 2.87 | 94.10 | 1.01 | 35.19 | 9 | 3 | 6 | 36 | 12.54 | NS | NC |
| 44 | 157.58 | 160.62 | 3.04 | 2.14 | 70.39 | 0.22 | 10.28 | 7 | 3 | 6 | 50 | 23.36 | NS | NC |
| 44 | 160.62 | 163.67 | 3.05 | 3.01 | 98.69 | 1.58 | 52.49 | 12 | 3 | 6 | 25 | 8.31 | NS | NC |
| 44 | 163.67 | 166.72 | 3.05 | 3.04 | 99.67 | 2.32 | 76.32 | 13 | 3 | 6 | 16 | 5.26 | NS | NC |
| 44 | 166.72 | 169.77 | 3.05 | 2.97 | 97.38 | 2.45 | 82.49 | 13 | 2 | 6 | 17 | 5.72 | NS | NC |
| 44 | 169.77 | 172.82 | 3.05 | 2.97 | 97.38 | 1.91 | 64.31 | 12 | 2 | 6 | 22 | 7.41 | NS | NC |
| 44 | 172.82 | 175.86 | 3.04 | 2.91 | 95.72 | 1.75 | 60.14 | 11 | 2 | 6 | 29 | 9.97 | NS | NC |
| 44 | 175.86 | 178.91 | 3.05 | 3.02 | 99.02 | 1.38 | 45.70 | 11 | 3 | 6 | 32 | 10.60 | NS | NC |
| 44 | 178.91 | 181.96 | 3.05 | 3.00 | 98.36 | 2.05 | 68.33 | 13 | 2 | 6 | 16 | 5.33 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC_ (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|-------------|----------|------|----------|-----------|-------|-------|-------|-------|-------|-------|
| ----- | ---- | ---- | ----- | ---- | ---- | ---- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 44 | 181.96 | 185.01 | 3.05 | 2.87 | 94.10 | 1.52 | 52.96 | 12 | 2 | 6 | 24 | 8.36 | NS | NC |
| 44 | 185.01 | 188.06 | 3.05 | 2.93 | 96.07 | 1.50 | 51.19 | 10 | 2 | 6 | 28 | 9.56 | NS | NC |
| 44 | 188.06 | 190.50 | 2.44 | 2.46 | 100.82 | 1.22 | 49.59 | 9 | 2 | 6 | 31 | 12.60 | NS | NC |
| 44 | 190.50 | 192.02 | 1.52 | 1.21 | 79.61 | 0.12 | 9.92 | 7 | 2 | 6 | 34 | 28.10 | NS | NC |
| 44 | 192.02 | 194.15 | 2.13 | 1.67 | 78.40 | 1.36 | 81.44 | 13 | 2 | 6 | 9 | 5.39 | NS | NC |
| 44 | 194.15 | 197.21 | 3.06 | 3.07 | 100.33 | 2.31 | 75.24 | 13 | 2 | 6 | 25 | 8.14 | NS | NC |
| 44 | 197.21 | 200.25 | 3.04 | 2.72 | 89.47 | 1.71 | 62.87 | 14 | 2 | 6 | 16 | 5.88 | NS | NC |
| 44 | 200.25 | 203.30 | 3.05 | 3.06 | 100.33 | 2.56 | 83.66 | 15 | 2 | 6 | 15 | 4.90 | NS | NC |
| 44 | 203.30 | 206.34 | 3.04 | 3.07 | 100.99 | 2.10 | 68.40 | 12 | 3 | 6 | 24 | 7.82 | NS | NC |
| 44 | 206.34 | 209.39 | 3.05 | 3.04 | 99.67 | 2.65 | 87.17 | 14 | 2 | 6 | 13 | 4.28 | NS | NC |
| 44 | 209.39 | 212.44 | 3.05 | 2.94 | 96.39 | 2.17 | 73.81 | 13 | 3 | 6 | 14 | 4.76 | NS | NC |
| 44 | 212.44 | 215.49 | 3.05 | 2.99 | 98.03 | 2.73 | 91.30 | 15 | 2 | 6 | 8 | 2.68 | NS | NC |
| 44 | 215.49 | 218.54 | 3.05 | 2.91 | 95.41 | 1.84 | 63.23 | 14 | 2 | 6 | 14 | 4.81 | NS | NC |
| 44 | 218.54 | 220.98 | 2.44 | 2.16 | 88.52 | 0.00 | 0.00 | 7 | 2 | 6 | 37 | 17.13 | NS | NC |
| 44 | 220.98 | 222.50 | 1.52 | 1.25 | 82.24 | 0.40 | 32.00 | 9 | 2 | 6 | 20 | 16.00 | NS | NC |
| 44 | 222.50 | 224.63 | 2.13 | 0.99 | 46.48 | 0.64 | 64.65 | 9 | 2 | 6 | 29 | 29.29 | NS | NC |
| 44 | 224.63 | 227.68 | 3.05 | 2.90 | 95.08 | 1.32 | 45.52 | 11 | 2 | 6 | 34 | 11.72 | NS | NC |
| 44 | 227.68 | 230.43 | 2.75 | 2.39 | 86.91 | 1.03 | 43.10 | 10 | 2 | 6 | 29 | 12.13 | NS | NC |
| 44 | 230.43 | 233.48 | 3.05 | 2.89 | 94.75 | 1.10 | 38.06 | 9 | 2 | 6 | 33 | 11.42 | NS | NC |
| 44 | 233.48 | 236.22 | 2.74 | 2.33 | 85.04 | 0.57 | 24.46 | 7 | 2 | 6 | 49 | 21.03 | NS | NC |
| 44 | 236.22 | 238.98 | 2.76 | 2.70 | 97.83 | 0.39 | 14.44 | 8 | 3 | 6 | 47 | 17.41 | NS | NC |
| 44 | 238.98 | 240.18 | 1.20 | 0.83 | 69.17 | 0.00 | 0.00 | 7 | 3 | 6 | 23 | 27.71 | NS | NC |
| 44 | 240.18 | 242.92 | 2.74 | 2.74 | 100.00 | 0.77 | 28.10 | 9 | 3 | 6 | 33 | 12.04 | NS | NC |
| 44 | 242.92 | 245.97 | 3.05 | 2.93 | 96.07 | 0.85 | 29.01 | 8 | 3 | 6 | 34 | 11.60 | NS | NC |
| 44 | 245.97 | 249.02 | 3.05 | 2.95 | 96.72 | 1.07 | 36.27 | 10 | 3 | 6 | 32 | 10.85 | NS | NC |
| 44 | 249.02 | 252.06 | 3.04 | 2.97 | 97.70 | 1.56 | 52.53 | 10 | 3 | 6 | 28 | 9.43 | NS | NC |
| 44 | 252.06 | 255.11 | 3.05 | 2.95 | 96.72 | 1.39 | 47.12 | 11 | 3 | 6 | 21 | 7.12 | NS | NC |
| 44 | 255.11 | 258.16 | 3.05 | 3.05 | 100.00 | 2.14 | 70.16 | 12 | 3 | 6 | 19 | 6.23 | NS | NC |
| 44 | 258.16 | 261.21 | 3.05 | 3.07 | 100.66 | 1.80 | 58.63 | 12 | 3 | 6 | 23 | 7.49 | NS | NC |
| 44 | 261.21 | 264.26 | 3.05 | 2.71 | 88.85 | 1.81 | 66.79 | 12 | 3 | 6 | 21 | 7.75 | NS | NC |
| 44 | 264.26 | 267.30 | 3.04 | 3.00 | 98.68 | 1.26 | 42.00 | 10 | 3 | 6 | 41 | 13.67 | NS | NC |
| 44 | 267.30 | 270.35 | 3.05 | 3.05 | 100.00 | 1.86 | 60.98 | 11 | 3 | 6 | 22 | 7.21 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|--------|--------|------|------|------|--------|------|------|
| 45 | 15.24 | 15.84 | 0.60 | 0.66 | 110.00 | 0.00 | 0.00 | 8 | 2 | 3 | 30 | 45.45 | NS | NC |
| 45 | 15.84 | 16.76 | 0.92 | 0.42 | 45.65 | 0.00 | 0.00 | 10 | 2 | 3 | 20 | 47.62 | NS | NC |
| 45 | 16.76 | 18.28 | 1.52 | 0.52 | 34.21 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 96.15 | NS | NC |
| 45 | 18.28 | 19.81 | 1.53 | 0.97 | 63.40 | 0.00 | 0.00 | 8 | 2 | 3 | 50 | 51.55 | NS | NC |
| 45 | 19.81 | 21.36 | 1.55 | 0.26 | 16.77 | 0.00 | 0.00 | 4 | 2 | 3 | 50 | 192.31 | NS | NC |
| 45 | 21.36 | 22.86 | 1.50 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 45 | 22.86 | 24.38 | 1.52 | 0.45 | 29.61 | 0.00 | 0.00 | 4 | 2 | 3 | 50 | 111.11 | NS | NC |
| 45 | 24.38 | 25.90 | 1.52 | 0.99 | 65.13 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 50.51 | NS | NC |
| 45 | 25.90 | 27.43 | 1.53 | 0.58 | 37.91 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 86.21 | NS | NC |
| 45 | 27.43 | 28.95 | 1.52 | 0.27 | 17.76 | 0.00 | 0.00 | 2 | 1 | 2 | 50 | 185.19 | NS | NC |
| 45 | 28.95 | 30.48 | 1.53 | 0.17 | 11.11 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 294.12 | NS | NC |
| 45 | 30.48 | 32.00 | 1.52 | 0.47 | 30.92 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 106.38 | NS | NC |
| 45 | 32.00 | 33.52 | 1.52 | 0.33 | 21.71 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 151.52 | NS | NC |
| 45 | 33.52 | 35.05 | 1.53 | 0.72 | 47.06 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 69.44 | NS | NC |
| 45 | 35.05 | 36.57 | 1.52 | 0.32 | 21.05 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 156.25 | NS | NC |
| 45 | 36.57 | 38.10 | 1.53 | 0.26 | 16.99 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 192.31 | NS | NC |
| 45 | 38.10 | 41.14 | 3.04 | 0.63 | 20.72 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 79.37 | NS | NC |
| 45 | 41.14 | 42.67 | 1.53 | 0.25 | 16.34 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 200.00 | NS | NC |
| 45 | 42.67 | 44.19 | 1.52 | 0.44 | 28.95 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 113.64 | NS | NC |
| 45 | 44.19 | 45.72 | 1.53 | 0.23 | 15.03 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 217.39 | NS | NC |
| 45 | 45.72 | 48.76 | 3.04 | 0.54 | 17.76 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 92.59 | NS | NC |
| 45 | 48.76 | 50.29 | 1.53 | 0.15 | 9.80 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 333.33 | NS | NC |
| 45 | 50.29 | 51.81 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 45 | 51.81 | 53.34 | 1.53 | 0.87 | 56.86 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 57.47 | NS | NC |
| 45 | 53.34 | 54.86 | 1.52 | 0.52 | 34.21 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 96.15 | NS | NC |
| 45 | 54.86 | 56.38 | 1.52 | 0.42 | 27.63 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 119.05 | NS | NC |
| 45 | 56.38 | 57.91 | 1.53 | 0.13 | 8.50 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 384.62 | NS | NC |
| 45 | 57.91 | 59.43 | 1.52 | 0.17 | 11.18 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 294.12 | NS | NC |
| 45 | 59.43 | 60.96 | 1.53 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 45 | 60.96 | 62.48 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 45 | 62.48 | 64.00 | 1.52 | 0.11 | 7.24 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 454.55 | NS | NC |
| 45 | 64.00 | 65.53 | 1.53 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 45 | 65.53 | 67.05 | 1.52 | 0.31 | 20.39 | 0.31 | 100.00 | 13 | 2 | 5 | 0 | 0.00 | NS | NC |
| 45 | 67.05 | 68.58 | 1.53 | 1.52 | 99.35 | 0.69 | 45.39 | 12 | 2 | 6 | 8 | 5.26 | NS | NC |
| 45 | 68.58 | 70.10 | 1.52 | 1.54 | 101.32 | 1.22 | 79.22 | 14 | 2 | 6 | 5 | 3.25 | NS | NC |
| 45 | 70.10 | 71.62 | 1.52 | 1.58 | 103.95 | 1.28 | 81.01 | 14 | 3 | 6 | 4 | 2.53 | NS | NC |
| 45 | 71.62 | 73.15 | 1.53 | 1.12 | 73.20 | 0.90 | 80.36 | 13 | 3 | 6 | 3 | 2.68 | NS | NC |
| 45 | 73.15 | 75.28 | 2.13 | 1.85 | 86.85 | 1.63 | 88.11 | 14 | 3 | 6 | 6 | 3.24 | NS | NC |
| 45 | 75.28 | 78.33 | 3.05 | 2.68 | 87.87 | 1.74 | 64.93 | 13 | 3 | 6 | 18 | 6.72 | NS | NC |
| 45 | 78.33 | 81.38 | 3.05 | 1.15 | 37.70 | 0.70 | 60.87 | 10 | 3 | 6 | 10 | 8.70 | NS | NC |
| 45 | 81.38 | 84.42 | 3.04 | 2.97 | 97.70 | 2.85 | 95.96 | 14 | 3 | 6 | 8 | 2.69 | NS | NC |
| 45 | 84.42 | 87.47 | 3.05 | 3.01 | 98.69 | 2.46 | 81.73 | 15 | 3 | 6 | 11 | 3.65 | NS | NC |
| 45 | 87.47 | 90.52 | 3.05 | 3.03 | 99.34 | 2.71 | 89.44 | 14 | 3 | 6 | 11 | 3.63 | NS | NC |
| 45 | 90.52 | 93.57 | 3.05 | 2.95 | 96.72 | 2.57 | 87.12 | 14 | 4 | 6 | 12 | 4.07 | NS | NC |
| 45 | 93.57 | 96.62 | 3.05 | 3.06 | 100.33 | 2.42 | 79.08 | 14 | 4 | 6 | 12 | 3.92 | NS | NC |
| 45 | 96.62 | 99.66 | 3.04 | 3.05 | 100.33 | 2.73 | 89.51 | 14 | 4 | 6 | 10 | 3.28 | NS | NC |
| 45 | 99.66 | 102.72 | 3.06 | 3.02 | 98.69 | 2.09 | 69.21 | 13 | 4 | 6 | 22 | 7.28 | NS | NC |
| 45 | 102.72 | 105.76 | 3.04 | 3.00 | 98.68 | 2.22 | 74.00 | 12 | 4 | 6 | 20 | 6.67 | NS | NC |
| 45 | 105.76 | 108.81 | 3.05 | 3.03 | 99.34 | 1.59 | 52.48 | 11 | 4 | 6 | 27 | 8.91 | NS | NC |
| 45 | 108.81 | 111.86 | 3.05 | 2.99 | 98.03 | 1.27 | 42.47 | 10 | 3 | 6 | 34 | 11.37 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|-------|--------|------|------|------|-------|------|------|
| 45 | 111.86 | 114.90 | 3.04 | 2.93 | 96.38 | 1.81 | 61.77 | 11 | 3 | 6 | 25 | 8.53 | NS | NC |
| 45 | 114.90 | 117.95 | 3.05 | 3.12 | 102.30 | 2.02 | 64.74 | 13 | 4 | 6 | 28 | 8.97 | NS | NC |
| 45 | 117.95 | 121.00 | 3.05 | 3.10 | 101.64 | 2.56 | 82.58 | 14 | 4 | 6 | 15 | 4.84 | NS | NC |
| 45 | 121.00 | 124.05 | 3.05 | 3.05 | 100.00 | 1.77 | 58.03 | 12 | 4 | 6 | 23 | 7.54 | NS | NC |
| 45 | 124.05 | 127.10 | 3.05 | 3.02 | 99.02 | 1.25 | 41.39 | 11 | 4 | 6 | 38 | 12.58 | NS | NC |
| 45 | 127.10 | 130.14 | 3.04 | 3.02 | 99.34 | 1.83 | 60.60 | 13 | 4 | 6 | 21 | 6.95 | NS | NC |
| 45 | 130.14 | 133.20 | 3.06 | 3.04 | 99.35 | 1.69 | 55.59 | 11 | 3 | 6 | 21 | 6.91 | NS | NC |
| 45 | 133.20 | 136.25 | 3.05 | 3.07 | 100.66 | 2.24 | 72.96 | 12 | 3 | 6 | 19 | 6.19 | NS | NC |
| 45 | 136.25 | 139.29 | 3.04 | 2.96 | 97.37 | 1.77 | 59.80 | 13 | 4 | 6 | 24 | 8.11 | NS | NC |
| 45 | 139.29 | 142.34 | 3.05 | 3.09 | 101.31 | 2.13 | 68.93 | 13 | 4 | 6 | 23 | 7.44 | NS | NC |
| 45 | 142.34 | 145.38 | 3.04 | 3.00 | 98.68 | 2.36 | 78.67 | 14 | 4 | 6 | 11 | 3.67 | NS | NC |
| 45 | 145.38 | 148.43 | 3.05 | 3.01 | 98.69 | 2.74 | 91.03 | 14 | 4 | 6 | 8 | 2.66 | NS | NC |
| 45 | 148.43 | 151.48 | 3.05 | 2.83 | 92.79 | 2.20 | 77.74 | 13 | 4 | 6 | 14 | 4.95 | NS | NC |
| 45 | 151.48 | 154.53 | 3.05 | 3.03 | 99.34 | 2.71 | 89.44 | 15 | 3 | 6 | 9 | 2.97 | NS | NC |
| 45 | 154.53 | 157.58 | 3.05 | 3.07 | 100.66 | 2.77 | 90.23 | 14 | 3 | 6 | 11 | 3.58 | NS | NC |
| 45 | 157.58 | 160.62 | 3.04 | 3.03 | 99.67 | 2.65 | 87.46 | 14 | 3 | 6 | 10 | 3.30 | NS | NC |
| 45 | 160.62 | 163.67 | 3.05 | 3.09 | 101.31 | 2.13 | 68.93 | 14 | 3 | 6 | 15 | 4.85 | NS | NC |
| 45 | 163.67 | 166.72 | 3.05 | 2.94 | 96.39 | 1.40 | 47.62 | 11 | 3 | 6 | 27 | 9.18 | NS | NC |
| 45 | 166.72 | 169.77 | 3.05 | 2.98 | 97.70 | 1.77 | 59.40 | 12 | 3 | 6 | 29 | 9.73 | NS | NC |
| 45 | 169.77 | 172.82 | 3.05 | 2.96 | 97.05 | 2.08 | 70.27 | 12 | 3 | 6 | 17 | 5.74 | NS | NC |
| 45 | 172.82 | 175.86 | 3.04 | 2.93 | 96.38 | 2.57 | 87.71 | 14 | 4 | 6 | 12 | 4.10 | NS | NC |
| 45 | 175.86 | 178.91 | 3.05 | 3.03 | 99.34 | 2.67 | 88.12 | 15 | 4 | 6 | 10 | 3.30 | NS | NC |
| 45 | 178.91 | 181.96 | 3.05 | 3.01 | 98.69 | 2.70 | 89.70 | 14 | 4 | 6 | 11 | 3.65 | NS | NC |
| 45 | 181.96 | 185.01 | 3.05 | 3.05 | 100.00 | 2.97 | 97.38 | 15 | 4 | 6 | 7 | 2.30 | NS | NC |
| 45 | 185.01 | 188.06 | 3.05 | 3.09 | 101.31 | 2.41 | 77.99 | 14 | 4 | 6 | 14 | 4.53 | NS | NC |
| 45 | 188.06 | 191.10 | 3.04 | 3.04 | 100.00 | 1.77 | 58.22 | 11 | 4 | 6 | 21 | 6.91 | NS | NC |
| 45 | 191.10 | 194.15 | 3.05 | 3.05 | 100.00 | 2.25 | 73.77 | 14 | 4 | 6 | 19 | 6.23 | NS | NC |
| 45 | 194.15 | 197.20 | 3.05 | 3.00 | 98.36 | 1.60 | 53.33 | 11 | 3 | 6 | 28 | 9.33 | NS | NC |
| 45 | 197.20 | 198.72 | 1.52 | 1.31 | 86.18 | 0.26 | 19.85 | 7 | 3 | 6 | 20 | 15.27 | NS | NC |
| 45 | 198.72 | 201.77 | 3.05 | 3.03 | 99.34 | 2.09 | 68.98 | 12 | 4 | 6 | 22 | 7.26 | NS | NC |
| 45 | 201.77 | 203.30 | 1.53 | 1.50 | 98.04 | 0.93 | 62.00 | 13 | 4 | 6 | 6 | 4.00 | NS | NC |
| 45 | 203.30 | 206.34 | 3.04 | 2.74 | 90.13 | 2.42 | 88.32 | 15 | 4 | 6 | 8 | 2.92 | NS | NC |
| 45 | 206.34 | 209.40 | 3.06 | 2.97 | 97.06 | 1.81 | 60.94 | 13 | 4 | 6 | 17 | 5.72 | NS | NC |
| 45 | 209.40 | 212.44 | 3.04 | 3.07 | 100.99 | 1.94 | 63.19 | 12 | 2 | 6 | 18 | 5.86 | NS | NC |
| 45 | 212.44 | 213.96 | 1.52 | 0.92 | 60.53 | 0.52 | 56.52 | 9 | 2 | 6 | 9 | 9.78 | NS | NC |
| 45 | 213.96 | 216.71 | 2.75 | 2.63 | 95.64 | 1.10 | 41.83 | 9 | 2 | 6 | 44 | 16.73 | NS | NC |
| 45 | 216.71 | 218.54 | 1.83 | 1.10 | 60.11 | 0.47 | 42.73 | 7 | 2 | 6 | 20 | 18.18 | NS | NC |
| 45 | 218.54 | 221.58 | 3.04 | 2.77 | 91.12 | 1.10 | 39.71 | 10 | 3 | 6 | 38 | 13.72 | NS | NC |
| 45 | 221.58 | 224.63 | 3.05 | 2.73 | 89.51 | 0.98 | 35.90 | 9 | 3 | 6 | 40 | 14.65 | NS | NC |
| 45 | 224.63 | 227.68 | 3.05 | 2.85 | 93.44 | 1.57 | 55.09 | 11 | 3 | 6 | 21 | 7.37 | NS | NC |
| 45 | 227.68 | 230.73 | 3.05 | 3.09 | 101.31 | 1.10 | 35.60 | 9 | 3 | 6 | 43 | 13.92 | NS | NC |
| 45 | 230.73 | 233.78 | 3.05 | 3.01 | 98.69 | 2.12 | 70.43 | 13 | 3 | 6 | 17 | 5.65 | NS | NC |
| 45 | 233.78 | 236.82 | 3.04 | 3.02 | 99.34 | 2.06 | 68.21 | 13 | 4 | 6 | 19 | 6.29 | NS | NC |
| 45 | 236.82 | 239.87 | 3.05 | 3.03 | 99.34 | 1.77 | 58.42 | 12 | 3 | 6 | 22 | 7.26 | NS | NC |
| 45 | 239.87 | 242.92 | 3.05 | 2.93 | 96.07 | 2.20 | 75.09 | 13 | 3 | 6 | 16 | 5.46 | NS | NC |
| 45 | 242.92 | 245.97 | 3.05 | 3.00 | 98.36 | 2.53 | 84.33 | 14 | 3 | 6 | 11 | 3.67 | NS | NC |
| 45 | 245.97 | 249.02 | 3.05 | 3.07 | 100.66 | 2.89 | 94.14 | 14 | 3 | 6 | 6 | 1.95 | NS | NC |
| 45 | 249.02 | 252.06 | 3.04 | 3.03 | 99.67 | 2.81 | 92.74 | 15 | 4 | 6 | 6 | 1.98 | NS | NC |
| 45 | 252.06 | 255.11 | 3.05 | 3.00 | 98.36 | 2.72 | 90.67 | 14 | 3 | 6 | 12 | 4.00 | NS | NC |
| 45 | 255.11 | 258.16 | 3.05 | 3.00 | 98.36 | 2.72 | 90.67 | 15 | 4 | 6 | 6 | 2.00 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|-------|------|------|
| 45 | 258.16 | 261.21 | 3.05 | 3.03 | 99.34 | 2.64 | 87.13 | 13 | 3 | 6 | 13 | 4.29 | NS | NC |
| 45 | 261.21 | 264.26 | 3.05 | 3.04 | 99.67 | 2.88 | 94.74 | 14 | 3 | 6 | 11 | 3.62 | NS | NC |
| 45 | 264.26 | 267.30 | 3.04 | 3.07 | 100.99 | 1.90 | 61.89 | 10 | 3 | 6 | 23 | 7.49 | NS | NC |
| 45 | 267.30 | 270.35 | 3.05 | 2.85 | 93.44 | 1.69 | 59.30 | 11 | 3 | 6 | 33 | 11.58 | NS | NC |
| 45 | 270.35 | 273.40 | 3.05 | 2.95 | 96.72 | 1.63 | 55.25 | 10 | 3 | 6 | 27 | 9.15 | NS | NC |
| 45 | 273.40 | 276.45 | 3.05 | 2.80 | 91.80 | 1.73 | 61.79 | 11 | 3 | 6 | 20 | 7.14 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|--------|------|------|
| 46 | 3.04 | 4.57 | 1.53 | 0.58 | 37.91 | 0.00 | 0.00 | 9 | 2 | 3 | 6 | 10.34 | NS | NC |
| 46 | 4.57 | 6.10 | 1.53 | 0.31 | 20.26 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 161.29 | NS | NC |
| 46 | 6.10 | 7.62 | 1.52 | 0.85 | 55.92 | 0.15 | 17.65 | 7 | 2 | 3 | 50 | 58.82 | NS | NC |
| 46 | 7.62 | 9.14 | 1.52 | 0.14 | 9.21 | 0.00 | 0.00 | 6 | 2 | 3 | 50 | 357.14 | NS | NC |
| 46 | 9.14 | 10.66 | 1.52 | 1.02 | 67.11 | 0.00 | 0.00 | 8 | 2 | 2 | 50 | 49.02 | NS | NC |
| 46 | 10.66 | 12.19 | 1.53 | 1.37 | 89.54 | 0.18 | 13.14 | 9 | 2 | 3 | 50 | 36.50 | NS | NC |
| 46 | 12.19 | 13.71 | 1.52 | 0.97 | 63.82 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 51.55 | NS | NC |
| 46 | 13.71 | 15.24 | 1.53 | 0.94 | 61.44 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 53.19 | NS | NC |
| 46 | 15.24 | 16.76 | 1.52 | 0.27 | 17.76 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 185.19 | NS | NC |
| 46 | 16.76 | 18.28 | 1.52 | 0.88 | 57.89 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 56.82 | NS | NC |
| 46 | 18.28 | 19.81 | 1.53 | 1.02 | 66.67 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 49.02 | NS | NC |
| 46 | 19.81 | 21.33 | 1.52 | 0.44 | 28.95 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 113.64 | NS | NC |
| 46 | 21.33 | 22.86 | 1.53 | 0.63 | 41.18 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 79.37 | NS | NC |
| 46 | 22.86 | 24.38 | 1.52 | 1.05 | 69.08 | 0.00 | 0.00 | 7 | 2 | 4 | 50 | 47.62 | NS | NC |
| 46 | 24.38 | 25.90 | 1.52 | 1.21 | 79.61 | 0.00 | 0.00 | 7 | 2 | 4 | 50 | 41.32 | NS | NC |
| 46 | 25.90 | 27.43 | 1.53 | 1.42 | 92.81 | 0.00 | 0.00 | 7 | 2 | 4 | 50 | 35.21 | NS | NC |
| 46 | 27.43 | 28.95 | 1.52 | 1.27 | 83.55 | 0.00 | 0.00 | 8 | 1 | 4 | 50 | 39.37 | NS | NC |
| 46 | 28.95 | 30.48 | 1.53 | 0.71 | 46.41 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 70.42 | NS | NC |
| 46 | 30.48 | 32.00 | 1.52 | 1.04 | 68.42 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 48.08 | NS | NC |
| 46 | 32.00 | 33.53 | 1.53 | 1.09 | 71.24 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 45.87 | NS | NC |
| 46 | 33.53 | 34.44 | 0.91 | 0.69 | 75.82 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 72.46 | NS | NC |
| 46 | 34.44 | 35.35 | 0.91 | 0.91 | 100.00 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 54.95 | NS | NC |
| 46 | 35.35 | 36.57 | 1.22 | 0.65 | 53.28 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 76.92 | NS | NC |
| 46 | 36.57 | 38.10 | 1.53 | 0.84 | 54.90 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 59.52 | NS | NC |
| 46 | 38.10 | 39.62 | 1.52 | 0.45 | 29.61 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 111.11 | NS | NC |
| 46 | 39.62 | 41.14 | 1.52 | 0.93 | 61.18 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 53.76 | NS | NC |
| 46 | 41.14 | 42.67 | 1.53 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 46 | 42.67 | 44.19 | 1.52 | 0.78 | 51.32 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 64.10 | NS | NC |
| 46 | 44.19 | 45.72 | 1.53 | 1.02 | 66.67 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 49.02 | NS | NC |
| 46 | 45.72 | 47.24 | 1.52 | 0.94 | 61.84 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 53.19 | NS | NC |
| 46 | 47.24 | 48.76 | 1.52 | 0.57 | 37.50 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 87.72 | NS | NC |
| 46 | 48.76 | 50.29 | 1.53 | 0.98 | 64.05 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 51.02 | NS | NC |
| 46 | 50.29 | 51.81 | 1.52 | 0.83 | 54.61 | 0.00 | 0.00 | 7 | 2 | 4 | 50 | 60.24 | NS | NC |
| 46 | 51.81 | 53.34 | 1.53 | 1.05 | 68.63 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 47.62 | NS | NC |
| 46 | 53.34 | 54.86 | 1.52 | 0.45 | 29.61 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 111.11 | NS | NC |
| 46 | 54.86 | 56.38 | 1.52 | 1.15 | 75.66 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 43.48 | NS | NC |
| 46 | 56.38 | 57.91 | 1.53 | 0.15 | 9.80 | 0.00 | 0.00 | 2 | 2 | 4 | 50 | 333.33 | NS | NC |
| 46 | 57.91 | 59.43 | 1.52 | 0.48 | 31.58 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 104.17 | NS | NC |
| 46 | 59.43 | 60.96 | 1.53 | 0.43 | 28.10 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 116.28 | NS | NC |
| 46 | 60.96 | 62.48 | 1.52 | 0.46 | 30.26 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 108.70 | NS | NC |
| 46 | 62.48 | 64.00 | 1.52 | 0.67 | 44.08 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 74.63 | NS | NC |
| 46 | 64.00 | 65.53 | 1.53 | 0.63 | 41.18 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 79.37 | NS | NC |
| 46 | 65.53 | 67.05 | 1.52 | 0.68 | 44.74 | 0.00 | 0.00 | 7 | 1 | 4 | 50 | 73.53 | NS | NC |
| 46 | 67.05 | 68.58 | 1.53 | 0.20 | 13.07 | 0.00 | 0.00 | 4 | 2 | 4 | 50 | 250.00 | NS | NC |
| 46 | 68.58 | 70.10 | 1.52 | 0.18 | 11.84 | 0.00 | 0.00 | 5 | 1 | 4 | 50 | 277.78 | NS | NC |
| 46 | 70.10 | 71.62 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 46 | 71.62 | 73.15 | 1.53 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 46 | 73.15 | 74.67 | 1.52 | 0.72 | 47.37 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 69.44 | NS | NC |
| 46 | 74.67 | 76.20 | 1.53 | 0.57 | 37.25 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 87.72 | NS | NC |
| 46 | 76.20 | 77.72 | 1.52 | 1.52 | 100.00 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 32.89 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|-------|--------|------|------|------|--------|------|------|
| 46 | 77.72 | 79.24 | 1.52 | 1.29 | 84.87 | 0.00 | 0.00 | 7 | 1 | 4 | 50 | 38.76 | NS | NC |
| 46 | 79.24 | 80.77 | 1.53 | 1.27 | 83.01 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 39.37 | NS | NC |
| 46 | 80.77 | 82.29 | 1.52 | 0.37 | 24.34 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 135.14 | NS | NC |
| 46 | 82.29 | 83.82 | 1.53 | 0.41 | 26.80 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 121.95 | NS | NC |
| 46 | 83.82 | 85.34 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 46 | 85.34 | 86.86 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 46 | 86.86 | 88.39 | 1.53 | 0.24 | 15.69 | 0.00 | 0.00 | 6 | 1 | 4 | 50 | 208.33 | NS | NC |
| 46 | 88.39 | 89.91 | 1.52 | 0.55 | 36.18 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 90.91 | NS | NC |
| 46 | 89.91 | 91.44 | 1.53 | 0.39 | 25.49 | 0.00 | 0.00 | 4 | 1 | 4 | 50 | 128.21 | NS | NC |
| 46 | 91.44 | 93.57 | 2.13 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 46 | 93.57 | 96.62 | 3.05 | 0.33 | 10.82 | 0.00 | 0.00 | 6 | 2 | 4 | 50 | 151.52 | NS | NC |
| 46 | 96.62 | 99.66 | 3.04 | 0.10 | 3.29 | 0.00 | 0.00 | 6 | 2 | 4 | 7 | 70.00 | NS | NC |
| 46 | 99.66 | 102.71 | 3.05 | 2.87 | 94.10 | 2.38 | 82.93 | 13 | 3 | 6 | 15 | 5.23 | NS | NC |
| 46 | 102.71 | 105.76 | 3.05 | 3.01 | 98.69 | 2.26 | 75.08 | 13 | 3 | 6 | 17 | 5.65 | NS | NC |
| 46 | 105.76 | 108.81 | 3.05 | 2.93 | 96.07 | 2.49 | 84.98 | 14 | 3 | 6 | 11 | 3.75 | NS | NC |
| 46 | 108.81 | 111.86 | 3.05 | 2.77 | 90.82 | 1.68 | 60.65 | 14 | 3 | 6 | 36 | 13.00 | NS | NC |
| 46 | 111.86 | 114.90 | 3.04 | 2.22 | 73.03 | 0.67 | 30.18 | 7 | 3 | 6 | 50 | 22.52 | NS | NC |
| 46 | 114.90 | 117.95 | 3.05 | 3.03 | 99.34 | 1.66 | 54.79 | 14 | 3 | 6 | 36 | 11.88 | NS | NC |
| 46 | 117.95 | 119.17 | 1.22 | 1.14 | 93.44 | 0.25 | 21.93 | 7 | 3 | 6 | 32 | 28.07 | NS | NC |
| 46 | 119.17 | 119.78 | 0.61 | 0.45 | 73.77 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 111.11 | NS | NC |
| 46 | 119.78 | 122.83 | 3.05 | 2.91 | 95.41 | 1.05 | 36.08 | 7 | 3 | 6 | 49 | 16.84 | NS | NC |
| 46 | 122.83 | 124.05 | 1.22 | 1.46 | 119.67 | 0.38 | 26.03 | 9 | 3 | 6 | 16 | 10.96 | NS | NC |
| 46 | 124.05 | 127.10 | 3.05 | 2.59 | 84.92 | 1.39 | 53.67 | 12 | 3 | 6 | 22 | 8.49 | NS | NC |
| 46 | 127.10 | 130.14 | 3.04 | 3.08 | 101.32 | 1.32 | 42.86 | 10 | 3 | 6 | 36 | 11.69 | NS | NC |
| 46 | 130.14 | 133.19 | 3.05 | 2.97 | 97.38 | 1.24 | 41.75 | 13 | 3 | 6 | 29 | 9.76 | NS | NC |
| 46 | 133.19 | 136.24 | 3.05 | 3.09 | 101.31 | 1.14 | 36.89 | 10 | 3 | 6 | 41 | 13.27 | NS | NC |
| 46 | 136.24 | 139.29 | 3.05 | 3.05 | 100.00 | 0.61 | 20.00 | 8 | 3 | 6 | 50 | 16.39 | NS | NC |
| 46 | 139.29 | 142.34 | 3.05 | 3.11 | 101.97 | 0.53 | 17.04 | 8 | 3 | 6 | 50 | 16.08 | NS | NC |
| 46 | 142.34 | 145.08 | 2.74 | 2.97 | 108.39 | 1.13 | 38.05 | 10 | 3 | 6 | 47 | 15.82 | NS | NC |
| 46 | 145.08 | 148.13 | 3.05 | 2.66 | 87.21 | 1.02 | 38.35 | 12 | 3 | 6 | 30 | 11.28 | NS | NC |
| 46 | 148.13 | 151.18 | 3.05 | 3.00 | 98.36 | 2.03 | 67.67 | 13 | 3 | 6 | 15 | 5.00 | NS | NC |
| 46 | 151.18 | 154.22 | 3.04 | 3.06 | 100.66 | 1.83 | 59.80 | 12 | 3 | 6 | 26 | 8.50 | NS | NC |
| 46 | 154.22 | 157.27 | 3.05 | 3.05 | 100.00 | 1.50 | 49.18 | 12 | 3 | 6 | 24 | 7.87 | NS | NC |
| 46 | 157.27 | 160.32 | 3.05 | 3.00 | 98.36 | 0.61 | 20.33 | 7 | 3 | 6 | 50 | 16.67 | NS | NC |
| 46 | 160.32 | 163.37 | 3.05 | 3.05 | 100.00 | 1.31 | 42.95 | 13 | 3 | 6 | 33 | 10.82 | NS | NC |
| 46 | 163.37 | 166.42 | 3.05 | 2.99 | 98.03 | 1.87 | 62.54 | 13 | 3 | 6 | 21 | 7.02 | NS | NC |
| 46 | 166.42 | 169.46 | 3.04 | 2.98 | 98.03 | 1.72 | 57.72 | 14 | 3 | 6 | 18 | 6.04 | NS | NC |
| 46 | 169.46 | 172.21 | 2.75 | 2.77 | 100.73 | 2.10 | 75.81 | 14 | 4 | 6 | 11 | 3.97 | NS | NC |
| 46 | 172.21 | 175.26 | 3.05 | 3.06 | 100.33 | 1.70 | 55.56 | 13 | 4 | 6 | 30 | 9.80 | NS | NC |
| 46 | 175.26 | 178.30 | 3.04 | 3.01 | 99.01 | 2.14 | 71.10 | 13 | 4 | 6 | 15 | 4.98 | NS | NC |
| 46 | 178.30 | 181.35 | 3.05 | 3.00 | 98.36 | 2.52 | 84.00 | 14 | 4 | 6 | 11 | 3.67 | NS | NC |
| 46 | 181.35 | 184.40 | 3.05 | 3.09 | 101.31 | 2.79 | 90.29 | 14 | 4 | 6 | 10 | 3.24 | NS | NC |
| 46 | 184.40 | 187.45 | 3.05 | 3.09 | 101.31 | 2.07 | 66.99 | 13 | 4 | 6 | 25 | 8.09 | NS | NC |
| 46 | 187.45 | 190.80 | 3.35 | 3.04 | 90.75 | 2.50 | 82.24 | 14 | 3 | 6 | 11 | 3.62 | NS | NC |
| 46 | 190.80 | 193.85 | 3.05 | 3.10 | 101.64 | 2.98 | 96.13 | 15 | 3 | 6 | 6 | 1.94 | NS | NC |
| 46 | 193.85 | 197.20 | 3.35 | 3.09 | 92.24 | 2.81 | 90.94 | 15 | 4 | 6 | 6 | 1.94 | NS | NC |
| 46 | 197.20 | 200.25 | 3.05 | 3.06 | 100.33 | 2.41 | 78.76 | 13 | 3 | 6 | 12 | 3.92 | NS | NC |
| 46 | 200.25 | 203.30 | 3.05 | 3.04 | 99.67 | 2.73 | 89.80 | 14 | 3 | 6 | 19 | 6.25 | NS | NC |
| 46 | 203.30 | 206.34 | 3.04 | 3.04 | 100.00 | 2.50 | 82.24 | 12 | 3 | 6 | 16 | 5.26 | NS | NC |
| 46 | 206.34 | 209.39 | 3.05 | 3.08 | 100.98 | 2.95 | 95.78 | 15 | 3 | 6 | 7 | 2.27 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|-------------|----------|--------|--------------|---------|--------|------|-------|--------|------|------|------|-------|------|------|
| 46 | 209.39 | 212.44 | 3.05 | 3.06 | 100.33 | 2.28 | 74.51 | 13 | 3 | 6 | 17 | 5.56 | NS | NC |
| 46 | 212.44 | 215.49 | 3.05 | 3.11 | 101.97 | 2.48 | 79.74 | 12 | 3 | 6 | 18 | 5.79 | NS | NC |
| 46 | 215.49 | 218.54 | 3.05 | 3.01 | 98.69 | 2.43 | 80.73 | 12 | 3 | 6 | 13 | 4.32 | NS | NC |
| 46 | 218.54 | 221.58 | 3.04 | 3.08 | 101.32 | 2.69 | 87.34 | 15 | 4 | 6 | 9 | 2.92 | NS | NC |
| 46 | 221.58 | 224.63 | 3.05 | 3.07 | 100.66 | 2.12 | 69.06 | 13 | 4 | 6 | 18 | 5.86 | NS | NC |
| 46 | 224.63 | 227.68 | 3.05 | 2.99 | 98.03 | 2.33 | 77.93 | 14 | 4 | 6 | 14 | 4.68 | NS | NC |
| 46 | 227.68 | 230.73 | 3.05 | 2.98 | 97.70 | 2.35 | 78.86 | 14 | 3 | 6 | 14 | 4.70 | NS | NC |
| 46 | 230.73 | 233.78 | 3.05 | 3.15 | 103.28 | 2.20 | 69.84 | 13 | 3 | 6 | 16 | 5.08 | NS | NC |
| 46 | 233.78 | 236.82 | 3.04 | 3.00 | 98.68 | 2.69 | 89.67 | 15 | 4 | 6 | 12 | 4.00 | NS | NC |
| 46 | 236.82 | 239.87 | 3.05 | 2.97 | 97.38 | 2.13 | 71.72 | 13 | 4 | 6 | 16 | 5.39 | NS | NC |
| 46 | 239.87 | 242.92 | 3.05 | 2.96 | 97.05 | 2.05 | 69.26 | 14 | 3 | 6 | 19 | 6.42 | NS | NC |
| 46 | 242.92 | 245.97 | 3.05 | 3.02 | 99.02 | 2.53 | 83.77 | 14 | 3 | 6 | 12 | 3.97 | NS | NC |
| 46 | 245.97 | 249.02 | 3.05 | 2.97 | 97.38 | 2.24 | 75.42 | 13 | 4 | 6 | 18 | 6.06 | NS | NC |
| 46 | 249.02 | 252.06 | 3.04 | 2.98 | 98.03 | 2.00 | 67.11 | 13 | 4 | 6 | 20 | 6.71 | NS | NC |
| 46 | 252.06 | 255.11 | 3.05 | 3.03 | 99.34 | 2.38 | 78.55 | 12 | 4 | 6 | 15 | 4.95 | NS | NC |
| 46 | 255.11 | 258.16 | 3.05 | 3.08 | 100.98 | 2.67 | 86.69 | 14 | 3 | 6 | 13 | 4.22 | NS | NC |
| 46 | 258.16 | 261.21 | 3.05 | 3.02 | 99.02 | 2.72 | 90.07 | 15 | 3 | 6 | 11 | 3.64 | NS | NC |
| 46 | 261.21 | 264.26 | 3.05 | 3.02 | 99.02 | 2.18 | 72.19 | 13 | 3 | 6 | 18 | 5.96 | NS | NC |
| 46 | 264.26 | 267.30 | 3.04 | 3.03 | 99.67 | 1.38 | 45.54 | 11 | 3 | 6 | 32 | 10.56 | NS | NC |
| 46 | 267.30 | 270.35 | 3.05 | 3.05 | 100.00 | 2.29 | 75.08 | 14 | 3 | 6 | 13 | 4.26 | NS | NC |
| 46 | 270.35 | 273.40 | 3.05 | 3.02 | 99.02 | 2.02 | 66.89 | 14 | 3 | 6 | 17 | 5.63 | NS | NC |
| 46 | 273.40 | 276.45 | 3.05 | 2.94 | 96.39 | 2.56 | 87.07 | 13 | 4 | 6 | 12 | 4.08 | NS | NC |
| 46 | 276.45 | 279.50 | 3.05 | 3.06 | 100.33 | 2.73 | 89.22 | 13 | 4 | 6 | 10 | 3.27 | NS | NC |
| 46 | 279.50 | 282.54 | 3.04 | 3.01 | 99.01 | 2.02 | 67.11 | 11 | 4 | 6 | 18 | 5.98 | NS | NC |
| 46 | 282.54 | 285.59 | 3.05 | 3.06 | 100.33 | 1.73 | 56.54 | 11 | 4 | 6 | 26 | 8.50 | NS | NC |
| 46 | 285.59 | 288.64 | 3.05 | 2.91 | 95.41 | 1.86 | 63.92 | 13 | 3 | 6 | 20 | 6.87 | NS | NC |
| 46 | 288.64 | 291.69 | 3.05 | 3.04 | 99.67 | 1.23 | 40.46 | 10 | 3 | 6 | 31 | 10.20 | NS | NC |
| 46 | 291.69 | 294.74 | 3.05 | 3.10 | 101.64 | 1.57 | 50.65 | 10 | 3 | 6 | 32 | 10.32 | NS | NC |
| 46 | 294.74 | 297.78 | 3.04 | 3.06 | 100.66 | 1.10 | 35.95 | 10 | 3 | 6 | 41 | 13.40 | NS | NC |
| 46 | 297.78 | 300.83 | 3.05 | 3.03 | 99.34 | 0.31 | 10.23 | 7 | 3 | 6 | 50 | 16.50 | NS | NC |
| 46 | 300.83 | 303.88 | 3.05 | 3.02 | 99.02 | 2.23 | 73.84 | 12 | 3 | 6 | 19 | 6.29 | NS | NC |
| 46 | 303.88 | 306.93 | 3.05 | 3.06 | 100.33 | 2.24 | 73.20 | 13 | 4 | 6 | 18 | 5.88 | NS | NC |
| 46 | 306.93 | 309.98 | 3.05 | 3.03 | 99.34 | 2.43 | 80.20 | 14 | 4 | 6 | 13 | 4.29 | NS | NC |
| 46 | 309.98 | 313.02 | 3.04 | 3.04 | 100.00 | 2.30 | 75.66 | 13 | 4 | 6 | 16 | 5.26 | NS | NC |
| 46 | 313.02 | 316.07 | 3.05 | 3.08 | 100.98 | 2.58 | 83.77 | 12 | 4 | 6 | 18 | 5.84 | NS | NC |
| 46 | 316.07 | 319.12 | 3.05 | 3.04 | 99.67 | 2.69 | 88.49 | 14 | 4 | 6 | 10 | 3.29 | NS | NC |
| 46 | 319.12 | 322.17 | 3.05 | 2.88 | 94.43 | 1.96 | 68.06 | 12 | 4 | 6 | 22 | 7.64 | NS | NC |
| 46 | 322.17 | 325.22 | 3.05 | 3.02 | 99.02 | 2.32 | 76.82 | 13 | 3 | 6 | 15 | 4.97 | NS | NC |
| 46 | 325.22 | 328.26 | 3.04 | 3.00 | 98.68 | 1.26 | 42.00 | 10 | 3 | 6 | 24 | 8.00 | NS | NC |
| 46 | 328.26 | 331.31 | 3.05 | 3.05 | 100.00 | 1.87 | 61.31 | 13 | 3 | 6 | 23 | 7.54 | NS | NC |
| 46 | 331.31 | 334.36 | 3.05 | 3.01 | 98.69 | 2.52 | 83.72 | 13 | 3 | 6 | 14 | 4.65 | NS | NC |
| 46 | 334.36 | 337.41 | 3.05 | 2.96 | 97.05 | 2.12 | 71.62 | 12 | 3 | 6 | 14 | 4.73 | NS | NC |
| 46 | 337.41 | 340.47 | 3.06 | 3.04 | 99.35 | 1.89 | 62.17 | 13 | 3 | 6 | 21 | 6.91 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|--------|------|------|
| 51 | 3.05 | 4.57 | 1.52 | 1.45 | 95.39 | 0.00 | 0.00 | 5 | 3 | 2 | 50 | 34.48 | NS | NC |
| 51 | 4.57 | 7.00 | 2.43 | 0.75 | 30.86 | 0.00 | 0.00 | 3 | 2 | 2 | 50 | 66.67 | NS | NC |
| 51 | 7.00 | 7.67 | 0.67 | 1.33 | 198.51 | 0.37 | 27.82 | 3 | 2 | 2 | 50 | 37.59 | NS | NC |
| 51 | 7.67 | 9.14 | 1.47 | 1.31 | 89.12 | 0.74 | 56.49 | 8 | 2 | 2 | 9 | 6.87 | NS | NC |
| 51 | 9.14 | 10.67 | 1.53 | 1.41 | 92.16 | 0.48 | 34.04 | 7 | 3 | 3 | 18 | 12.77 | NS | NC |
| 51 | 10.67 | 12.19 | 1.52 | 1.18 | 77.63 | 0.36 | 30.51 | 7 | 2 | 3 | 50 | 42.37 | NS | NC |
| 51 | 12.19 | 13.72 | 1.53 | 1.51 | 98.69 | 0.00 | 0.00 | 7 | 2 | 3 | 50 | 33.11 | NS | NC |
| 51 | 13.72 | 15.24 | 1.52 | 1.44 | 94.74 | 0.00 | 0.00 | 5 | 2 | 4 | 50 | 34.72 | NS | NC |
| 51 | 15.24 | 16.76 | 1.52 | 1.84 | 121.05 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 27.17 | NS | NC |
| 51 | 16.76 | 18.29 | 1.53 | 0.94 | 61.44 | 0.00 | 0.00 | 4 | 2 | 5 | 50 | 53.19 | NS | NC |
| 51 | 18.29 | 19.81 | 1.52 | 0.25 | 16.45 | 0.00 | 0.00 | 3 | 2 | 5 | 50 | 200.00 | NS | NC |
| 51 | 19.81 | 21.33 | 1.52 | 1.96 | 128.95 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 25.51 | NS | NC |
| 51 | 21.33 | 22.86 | 1.53 | 1.38 | 90.20 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 36.23 | NS | NC |
| 51 | 22.86 | 24.38 | 1.52 | 1.18 | 77.63 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 42.37 | NS | NC |
| 51 | 24.38 | 25.91 | 1.53 | 1.33 | 86.93 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 37.59 | NS | NC |
| 51 | 25.91 | 27.43 | 1.52 | 1.49 | 98.03 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 33.56 | NS | NC |
| 51 | 27.43 | 28.96 | 1.53 | 1.73 | 113.07 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 28.90 | NS | NC |
| 51 | 28.96 | 30.48 | 1.52 | 1.43 | 94.08 | 0.00 | 0.00 | 8 | 3 | 6 | 50 | 34.97 | NS | NC |
| 51 | 30.48 | 32.00 | 1.52 | 1.46 | 96.05 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 34.25 | NS | NC |
| 51 | 32.00 | 33.53 | 1.53 | 1.22 | 79.74 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 40.98 | NS | NC |
| 51 | 33.53 | 35.05 | 1.52 | 1.29 | 84.87 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 38.76 | NS | NC |
| 51 | 35.05 | 36.58 | 1.53 | 0.98 | 64.05 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 51.02 | NS | NC |
| 51 | 36.58 | 38.10 | 1.52 | 1.04 | 68.42 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 48.08 | NS | NC |
| 51 | 38.10 | 39.62 | 1.52 | 1.17 | 76.97 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 42.74 | NS | NC |
| 51 | 39.62 | 41.15 | 1.53 | 1.32 | 86.27 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 37.88 | NS | NC |
| 51 | 41.15 | 42.67 | 1.52 | 1.45 | 95.39 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 34.48 | NS | NC |
| 51 | 42.67 | 44.20 | 1.53 | 1.39 | 90.85 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 35.97 | NS | NC |
| 51 | 44.20 | 45.72 | 1.52 | 1.58 | 103.95 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 31.65 | NS | NC |
| 51 | 45.72 | 47.24 | 1.52 | 1.63 | 107.24 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 30.67 | NS | NC |
| 51 | 47.24 | 48.77 | 1.53 | 1.34 | 87.58 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 37.31 | NS | NC |
| 51 | 48.77 | 50.29 | 1.52 | 1.43 | 94.08 | 0.00 | 0.00 | 7 | 3 | 4 | 50 | 34.97 | NS | NC |
| 51 | 50.29 | 51.82 | 1.53 | 0.34 | 22.22 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 147.06 | NS | NC |
| 51 | 51.82 | 53.34 | 1.52 | 1.10 | 72.37 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 45.45 | NS | NC |
| 51 | 53.34 | 54.86 | 1.52 | 0.31 | 20.39 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 161.29 | NS | NC |
| 51 | 54.86 | 56.39 | 1.53 | 0.24 | 15.69 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 208.33 | NS | NC |
| 51 | 56.39 | 57.91 | 1.52 | 0.06 | 3.95 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 833.33 | NS | NC |
| 51 | 57.91 | 59.44 | 1.53 | 0.98 | 64.05 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 51.02 | NS | NC |
| 51 | 59.44 | 60.96 | 1.52 | 1.28 | 84.21 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 39.06 | NS | NC |
| 51 | 60.96 | 62.48 | 1.52 | 1.20 | 78.95 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 41.67 | NS | NC |
| 51 | 62.48 | 64.01 | 1.53 | 1.61 | 105.23 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 31.06 | NS | NC |
| 51 | 64.01 | 65.53 | 1.52 | 1.50 | 98.68 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 33.33 | NS | NC |
| 51 | 65.53 | 67.06 | 1.53 | 1.29 | 84.31 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 38.76 | NS | NC |
| 51 | 67.06 | 68.58 | 1.52 | 1.61 | 105.92 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 31.06 | NS | NC |
| 51 | 68.58 | 70.10 | 1.52 | 1.46 | 96.05 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 34.25 | NS | NC |
| 51 | 70.10 | 71.63 | 1.53 | 1.65 | 107.84 | 0.00 | 0.00 | 7 | 3 | 6 | 50 | 30.30 | NS | NC |
| 51 | 71.63 | 73.15 | 1.52 | 1.47 | 96.71 | 0.00 | 0.00 | 6 | 3 | 6 | 50 | 34.01 | NS | NC |
| 51 | 73.15 | 74.68 | 1.53 | 1.89 | 123.53 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 26.46 | NS | NC |
| 51 | 74.68 | 76.20 | 1.52 | 1.32 | 86.84 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 37.88 | NS | NC |
| 51 | 76.20 | 77.72 | 1.52 | 1.47 | 96.71 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 34.01 | NS | NC |
| 51 | 77.72 | 79.25 | 1.53 | 0.72 | 47.06 | 0.00 | 0.00 | 5 | 2 | 5 | 50 | 69.44 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | RQD | RQD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|--------|------|------|
| 51 | 79.25 | 82.30 | 3.05 | 1.14 | 37.38 | 0.00 | 0.00 | 3 | 2 | 4 | 50 | 43.86 | NS | NC |
| 51 | 82.30 | 83.82 | 1.52 | 1.21 | 79.61 | 0.00 | 0.00 | 3 | 2 | 6 | 50 | 41.32 | NS | NC |
| 51 | 83.82 | 85.34 | 1.52 | 0.20 | 13.16 | 0.00 | 0.00 | 2 | 2 | 4 | 50 | 250.00 | NS | NC |
| 51 | 85.34 | 86.87 | 1.53 | 1.72 | 112.42 | 0.00 | 0.00 | 3 | 3 | 6 | 50 | 29.07 | NS | NC |
| 51 | 86.87 | 89.92 | 3.05 | 2.83 | 92.79 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 17.67 | NS | NC |
| 51 | 89.92 | 91.44 | 1.52 | 1.51 | 99.34 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 33.11 | NS | NC |
| 51 | 91.44 | 92.96 | 1.52 | 0.72 | 47.37 | 0.00 | 0.00 | 4 | 3 | 6 | 50 | 69.44 | NS | NC |
| 51 | 92.96 | 94.49 | 1.53 | 1.99 | 130.07 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 25.13 | NS | NC |
| 51 | 94.49 | 96.01 | 1.52 | 2.07 | 136.18 | 0.00 | 0.00 | 4 | 3 | 5 | 50 | 24.15 | NS | NC |
| 51 | 96.01 | 97.54 | 1.53 | 1.02 | 66.67 | 0.00 | 0.00 | 5 | 3 | 6 | 50 | 49.02 | NS | NC |
| 51 | 97.54 | 99.06 | 1.52 | 1.06 | 69.74 | 0.00 | 0.00 | 5 | 3 | 5 | 50 | 47.17 | NS | NC |
| 51 | 99.06 | 100.58 | 1.52 | 1.07 | 70.39 | 0.00 | 0.00 | 5 | 3 | 5 | 50 | 46.73 | NS | NC |
| 51 | 100.58 | 102.11 | 1.53 | 1.10 | 71.90 | 0.00 | 0.00 | 5 | 3 | 5 | 50 | 45.45 | NS | NC |
| 51 | 102.11 | 105.16 | 3.05 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 51 | 105.16 | 106.68 | 1.52 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 51 | 106.68 | 116.80 | 10.12 | 0.00 | 0.00 | IS | 0.00 | 0 | 0 | 0 | 0 | NC | NS | NC |
| 51 | 116.80 | 117.96 | 1.16 | 1.19 | 102.59 | 1.09 | 91.60 | 13 | 3 | 6 | 4 | 3.36 | NS | NC |
| 51 | 117.96 | 121.01 | 3.05 | 2.58 | 84.59 | 2.17 | 84.11 | 13 | 3 | 6 | 17 | 6.59 | NS | NC |
| 51 | 121.01 | 124.05 | 3.04 | 3.02 | 99.34 | 1.90 | 62.91 | 13 | 3 | 6 | 29 | 9.60 | NS | NC |
| 51 | 124.05 | 127.10 | 3.05 | 2.98 | 97.70 | 2.63 | 88.26 | 13 | 3 | 6 | 12 | 4.03 | NS | NC |
| 51 | 127.10 | 129.54 | 2.44 | 2.39 | 97.95 | 2.19 | 91.63 | 13 | 3 | 6 | 11 | 4.60 | NS | NC |
| 51 | 129.54 | 130.15 | 0.61 | 0.53 | 86.89 | 0.10 | 18.87 | 13 | 3 | 6 | 5 | 9.43 | NS | NC |
| 51 | 130.15 | 133.20 | 3.05 | 3.05 | 100.00 | 2.59 | 84.92 | 13 | 3 | 6 | 22 | 7.21 | NS | NC |
| 51 | 133.20 | 136.25 | 3.05 | 2.84 | 93.11 | 2.25 | 79.23 | 13 | 3 | 6 | 18 | 6.34 | NS | NC |
| 51 | 136.25 | 139.29 | 3.04 | 2.95 | 97.04 | 2.48 | 84.07 | 13 | 3 | 6 | 17 | 5.76 | NS | NC |
| 51 | 139.29 | 142.34 | 3.05 | 3.07 | 100.66 | 2.96 | 96.42 | 13 | 3 | 6 | 9 | 2.93 | NS | NC |
| 51 | 142.34 | 145.38 | 3.04 | 2.97 | 97.70 | 2.21 | 74.41 | 13 | 3 | 6 | 18 | 6.06 | NS | NC |
| 51 | 145.38 | 148.44 | 3.06 | 2.95 | 96.41 | 2.29 | 77.63 | 13 | 3 | 6 | 21 | 7.12 | NS | NC |
| 51 | 148.44 | 151.49 | 3.05 | 3.03 | 99.34 | 2.10 | 69.31 | 12 | 3 | 6 | 22 | 7.26 | NS | NC |
| 51 | 151.49 | 154.53 | 3.04 | 3.04 | 100.00 | 2.61 | 85.86 | 13 | 3 | 6 | 14 | 4.61 | NS | NC |
| 51 | 154.53 | 157.58 | 3.05 | 2.96 | 97.05 | 2.67 | 90.20 | 13 | 3 | 6 | 14 | 4.73 | NS | NC |
| 51 | 157.58 | 160.63 | 3.05 | 2.97 | 97.38 | 2.89 | 97.31 | 14 | 3 | 6 | 13 | 4.38 | NS | NC |
| 51 | 160.63 | 163.68 | 3.05 | 3.05 | 100.00 | 3.03 | 99.34 | 14 | 3 | 6 | 9 | 2.95 | NS | NC |
| 51 | 163.68 | 166.73 | 3.05 | 2.82 | 92.46 | 2.62 | 92.91 | 13 | 3 | 6 | 14 | 4.96 | NS | NC |
| 51 | 166.73 | 169.77 | 3.04 | 2.96 | 97.37 | 2.40 | 81.08 | 13 | 3 | 6 | 19 | 6.42 | NS | NC |
| 51 | 169.77 | 172.82 | 3.05 | 2.87 | 94.10 | 2.26 | 78.75 | 13 | 3 | 6 | 20 | 6.97 | NS | NC |
| 51 | 172.82 | 175.87 | 3.05 | 2.94 | 96.39 | 2.74 | 93.20 | 13 | 3 | 6 | 15 | 5.10 | NS | NC |
| 51 | 175.87 | 178.92 | 3.05 | 3.03 | 99.34 | 2.36 | 77.89 | 13 | 3 | 6 | 19 | 6.27 | NS | NC |
| 51 | 178.92 | 181.97 | 3.05 | 2.91 | 95.41 | 2.76 | 94.85 | 14 | 3 | 6 | 9 | 3.09 | NS | NC |
| 51 | 181.97 | 185.01 | 3.04 | 3.04 | 100.00 | 2.43 | 79.93 | 14 | 3 | 6 | 16 | 5.26 | NS | NC |
| 51 | 185.01 | 188.06 | 3.05 | 3.05 | 100.00 | 2.67 | 87.54 | 14 | 3 | 6 | 14 | 4.59 | NS | NC |
| 51 | 188.06 | 191.11 | 3.05 | 3.03 | 99.34 | 2.84 | 93.73 | 14 | 3 | 6 | 10 | 3.30 | NS | NC |
| 51 | 191.11 | 194.16 | 3.05 | 2.96 | 97.05 | 2.91 | 98.31 | 14 | 3 | 6 | 10 | 3.38 | NS | NC |
| 51 | 194.16 | 197.21 | 3.05 | 3.01 | 98.69 | 2.69 | 89.37 | 13 | 3 | 6 | 16 | 5.32 | NS | NC |
| 51 | 197.21 | 200.25 | 3.04 | 2.86 | 94.08 | 2.66 | 93.01 | 14 | 3 | 6 | 8 | 2.80 | NS | NC |
| 51 | 200.25 | 203.30 | 3.05 | 3.02 | 99.02 | 3.00 | 99.34 | 14 | 3 | 6 | 8 | 2.65 | NS | NC |
| 51 | 203.30 | 206.35 | 3.05 | 3.03 | 99.34 | 2.95 | 97.36 | 13 | 3 | 6 | 13 | 4.29 | NS | NC |
| 51 | 206.35 | 209.40 | 3.05 | 3.03 | 99.34 | 2.90 | 95.71 | 14 | 3 | 6 | 9 | 2.97 | NS | NC |
| 51 | 209.40 | 212.45 | 3.05 | 2.93 | 96.07 | 2.87 | 97.95 | 13 | 3 | 6 | 10 | 3.41 | NS | NC |
| 51 | 212.45 | 215.49 | 3.04 | 3.02 | 99.34 | 2.64 | 87.42 | 13 | 3 | 6 | 13 | 4.30 | NS | NC |

KEMESS PROJECT - KEMESS NORTH DEPOSIT
 DRILL HOLE GEOTECHNICAL DATA

24-May-92

| HOLE NUMBER | FROM (m) | TO (m) | INTERVAL (m) | REC (m) | REC % | ROD | ROD % | BRKG % | HARD | WTHR | XJNT | XJ/M | BJNT | BJ/M |
|----------------|-------------|-----------|-----------------|------------|----------|------|----------|-----------|------|------|------|------|------|------|
| 51 | 215.49 | 218.54 | 3.05 | 3.08 | 100.98 | 3.03 | 98.38 | 14 | 3 | 6 | 10 | 3.25 | NS | NC |
| 51 | 218.54 | 221.59 | 3.05 | 2.96 | 97.05 | 2.55 | 86.15 | 13 | 3 | 6 | 18 | 6.08 | NS | NC |
| 51 | 221.59 | 224.64 | 3.05 | 3.06 | 100.33 | 2.80 | 91.50 | 13 | 3 | 6 | 10 | 3.27 | NS | NC |
| 51 | 224.64 | 227.69 | 3.05 | 2.93 | 96.07 | 2.90 | 98.98 | 14 | 3 | 6 | 8 | 2.73 | NS | NC |
| 51 | 227.69 | 230.73 | 3.04 | 3.02 | 99.34 | 2.94 | 97.35 | 14 | 3 | 6 | 8 | 2.65 | NS | NC |
| 51 | 230.73 | 233.78 | 3.05 | 2.96 | 97.05 | 2.71 | 91.55 | 13 | 3 | 6 | 11 | 3.72 | NS | NC |
| 51 | 233.78 | 236.83 | 3.05 | 2.98 | 97.70 | 2.89 | 96.98 | 14 | 3 | 6 | 8 | 2.68 | NS | NC |
| 51 | 236.83 | 239.88 | 3.05 | 3.06 | 100.33 | 2.93 | 95.75 | 14 | 3 | 6 | 8 | 2.61 | NS | NC |
| 51 | 239.88 | 242.93 | 3.05 | 3.08 | 100.98 | 2.99 | 97.08 | 14 | 3 | 6 | 11 | 3.57 | NS | NC |
| 51 | 242.93 | 245.97 | 3.04 | 2.93 | 96.38 | 2.61 | 89.08 | 13 | 3 | 6 | 11 | 3.75 | NS | NC |
| 51 | 245.97 | 249.02 | 3.05 | 3.07 | 100.66 | 2.88 | 93.81 | 13 | 3 | 6 | 11 | 3.58 | NS | NC |
| 51 | 249.02 | 252.07 | 3.05 | 2.89 | 94.75 | 1.91 | 66.09 | 12 | 3 | 6 | 21 | 7.27 | NS | NC |
| 51 | 252.07 | 255.12 | 3.05 | 2.95 | 96.72 | 2.54 | 86.10 | 13 | 3 | 6 | 17 | 5.76 | NS | NC |
| 51 | 255.12 | 258.17 | 3.05 | 3.03 | 99.34 | 2.99 | 98.68 | 14 | 3 | 6 | 8 | 2.64 | NS | NC |
| 51 | 258.17 | 261.21 | 3.04 | 3.01 | 99.01 | 2.72 | 90.37 | 14 | 3 | 6 | 9 | 2.99 | NS | NC |
| 51 | 261.21 | 264.26 | 3.05 | 2.96 | 97.05 | 2.89 | 97.64 | 14 | 3 | 6 | 8 | 2.70 | NS | NC |
| 51 | 264.26 | 267.31 | 3.05 | 2.94 | 96.39 | 2.83 | 96.26 | 13 | 3 | 6 | 10 | 3.40 | NS | NC |
| 51 | 267.31 | 270.36 | 3.05 | 2.96 | 97.05 | 2.84 | 95.95 | 14 | 3 | 6 | 8 | 2.70 | NS | NC |
| 51 | 270.36 | 273.40 | 3.04 | 3.08 | 101.32 | 2.95 | 95.78 | 14 | 3 | 6 | 9 | 2.92 | NS | NC |
| 51 | 273.40 | 276.45 | 3.05 | 3.03 | 99.34 | 2.63 | 86.80 | 13 | 3 | 6 | 13 | 4.29 | NS | NC |
| 51 | 276.45 | 279.50 | 3.05 | 3.05 | 100.00 | 2.91 | 95.41 | 14 | 3 | 6 | 13 | 4.26 | NS | NC |
| 51 | 279.50 | 282.55 | 3.05 | 3.01 | 98.69 | 2.93 | 97.34 | 14 | 3 | 6 | 7 | 2.33 | NS | NC |
| 51 | 282.55 | 285.60 | 3.05 | 2.98 | 97.70 | 2.90 | 97.32 | 13 | 3 | 6 | 7 | 2.35 | NS | NC |
| 51 | 285.60 | 288.65 | 3.05 | 3.00 | 98.36 | 2.96 | 98.67 | 14 | 3 | 6 | 6 | 2.00 | NS | NC |
| 51 | 288.65 | 291.69 | 3.04 | 2.98 | 98.03 | 2.98 | 100.00 | 14 | 3 | 6 | 8 | 2.68 | NS | NC |
| 51 | 291.69 | 294.74 | 3.05 | 2.99 | 98.03 | 2.64 | 88.29 | 13 | 3 | 6 | 8 | 2.68 | NS | NC |
| 51 | 294.74 | 297.79 | 3.05 | 3.09 | 101.31 | 2.75 | 89.00 | 13 | 3 | 6 | 14 | 4.53 | NS | NC |
| 51 | 297.79 | 300.84 | 3.05 | 2.75 | 90.16 | 2.70 | 98.18 | 13 | 3 | 6 | 9 | 3.27 | NS | NC |
| 51 | 300.84 | 303.89 | 3.05 | 3.02 | 99.02 | 2.97 | 98.34 | 14 | 3 | 6 | 6 | 1.99 | NS | NC |
| 51 | 303.89 | 306.93 | 3.04 | 3.03 | 99.67 | 2.72 | 89.77 | 13 | 3 | 6 | 12 | 3.96 | NS | NC |
| 51 | 306.93 | 309.98 | 3.05 | 2.79 | 91.48 | 2.71 | 97.13 | 13 | 3 | 6 | 11 | 3.94 | NS | NC |
| 51 | 309.98 | 313.03 | 3.05 | 3.00 | 98.36 | 2.64 | 88.00 | 13 | 3 | 6 | 14 | 4.67 | NS | NC |
| 51 | 313.03 | 316.08 | 3.05 | 3.01 | 98.69 | 2.70 | 89.70 | 13 | 3 | 6 | 14 | 4.65 | NS | NC |
| 51 | 316.08 | 319.13 | 3.05 | 3.02 | 99.02 | 2.77 | 91.72 | 14 | 3 | 6 | 8 | 2.65 | NS | NC |
| 51 | 319.13 | 322.17 | 3.04 | 2.97 | 97.70 | 2.73 | 91.92 | 13 | 3 | 6 | 11 | 3.70 | NS | NC |
| 51 | 322.17 | 325.22 | 3.05 | 2.99 | 98.03 | 2.77 | 92.64 | 13 | 3 | 6 | 13 | 4.35 | NS | NC |
| 51 | 325.22 | 328.27 | 3.05 | 2.94 | 96.39 | 2.30 | 78.23 | 12 | 3 | 6 | 19 | 6.46 | NS | NC |
| 51 | 328.27 | 331.32 | 3.05 | 2.95 | 96.72 | 2.69 | 91.19 | 12 | 3 | 6 | 15 | 5.08 | NS | NC |
| 51 | 331.32 | 334.37 | 3.05 | 2.90 | 95.08 | 2.38 | 82.07 | 12 | 3 | 6 | 16 | 5.52 | NS | NC |
| 51 | 334.37 | 337.41 | 3.04 | 2.95 | 97.04 | 2.66 | 90.17 | 12 | 3 | 6 | 15 | 5.08 | NS | NC |

GEOLOGICAL LOGGING FORM - HEADER PAGE

NORTH KEMESS PROJECT

DDH
No.

91-33

Page 1 of

7

| DEPTH | DIP | AZIMUTH | NORTHING | EASTING | ELEVATION |
|---------------|------|---------|----------|---------|-----------|
| Collar Survey | -90. | - | 10502.84 | 9101.31 | 1701.54 |
| 1 53.95 | -88 | | | | |
| 2 114.91 | -87 | | | | |
| 3 239.88 | -89 | | | | |
| 4 291.69 | -89 | | | | |
| 5 | | | | | |
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DATA ENTRY

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DATA CHECKING

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|-----------------------|--------------|
| APPROX. NORTHING | 10 500 |
| APPROX. EASTING | 9100 |
| ZONE | NORTH KEMESS |
| LOGGED BY | L. LYONS |
| DATE DRILLING STARTED | AUG 31 / 91 |
| DATE DRILLING ENDED | SEPT 3 / 91 |
| CORE SIZE | NR |
| CASING IN HOLE | YES |
| TOTAL DEPTH | 306.93 |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | |
|-------|-------|---|----------------------|-----|--------|-------|-------|-------|-----|-----|-------|--|--|--|
| | | | CHL ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER | | | |
| 0.00 | 9.10 | OVERBURDEN | | | | | | | | | | | | |
| 9.10 | 26.25 | BLADED FELDSPAR PORPHYRY DIORITE - variably textured, mainly bladed feldspar porphyritic with phenocrysts to 1.2 cm long, 30% grades into less porphyritic more equigranular intrusive - mafics have been altered by chlorite, phenocrysts are weakly sericitic, mt, core is mid-strongly oxidized to limonite through section, clay alter is local, local chl gangy zones with qtz veins - quartz veins are local drusy, with py + mt blebby, parallel/CA - py is weakly diss, blebby in fractures and qtz veins - mt is diss, and found in fractures + veins | 3 | 2 | 3 | 0 | 0 | 0 | 2% | 0 | | | | |
| 26.25 | 35.66 | ALTERED INTRUSIVE - characterized by dark green to brown patches of chlorite + 2° biotite within pale grey granular textured intrusive, may be unporphyritic, section of unit above, some clay alteration has replaced feldspars, local gypsum, mt veins, py diss, cov diss 32.61-35.66 Rock has thin chlorite/biotite patches and a massive, fine grained non-min. material | 4 | 0 | 2 | 0 | 0 | 0 | 2 | tr | | | | |
| | | | 4 | 0 | 4 | 0 | 0 | 0 | 1 | tr | | | | |

file: GEOHEAD.PRN

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | |
|-------|--------|---|----------------------|------|-----|--------|-------|-------|-------|-----|-------|---------------------------------------|
| | | | Qtz | BOEK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER |
| 35.66 | 36.86 | GAUGE ZONE - strong clay chloritic gouge with fragments of above unit and felsic intrusive at lower contact | | 4 | 3 | 5 | 0 | 0 | 0 | 5 | 0 | |
| 36.86 | 53.95 | PORPHYRITIC DIORITE (?) - characterized by stubby 2-3 mm feldspar phenocrysts and spotty chloritized mafics in a finer grained mod. green-grey groundmass, variably altered by chlorite and clay with spotty finer epidote, some zones are more equigranular with no phenocrysts, minor gypsum vnlts, py + cpx are disseminated and on local fractures | | 3 | 1 | 3 | 0 | 2 | 0 | 3 | tr | Epidote 1 |
| 53.95 | 99.67 | BLADED PORPHYRY DIORITE - characterized by bladed plagioclase phenocrysts up to 1cm, 15-20% of total rock in a fine grained mod-dark green groundmass, augite phenocrysts locally visible - gouge zones are local - Qtz veins local with locally py-mt, sink carb (?) local in vnlts - chlorite altn is pervasive mod-strong - local molybdenite + covellite - may be finer grained chill zone of 9-10 81-38-99.67 Core is body broken to small chips and gassy material | | 4 | 1 | 2 | 0 | 0 | 1 | 2 | tr | Mos ₂ tr Covellite (tr) |
| 99.67 | 146.70 | ANDESITIC TOPPS / FLOWS - med-dark green/grey, fine grained with zones containing augite (chl alt) phenocrysts and fine plagioclase laths. - top of section is broken and contains intense chlorite - some zones ± pyrite in quartz - broken core to 123.40 m. - Ksp altn is mod around fractures and some vein zones and has more pervasive zones lower in the section | | 4 | 2 | 2 | 2 | 0 | 1 | 3 | tr-25 | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | | | | | |
|--------|--------|---|----------------------|-----|--------|-------|-------|-------|------|------|--------|--|--|--|--|--|--|--|--|--|--|
| | | | CDL ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py % | CP % | OTHER | | | | | | | | | | |
| | | - gypsum veinlets are common to 129.55 - qtz + fluorite vnlts are more common beyond this point, vein orientations are variable with many irregular veins subparallel to CA | | | | | | | | | | | | | | | | | | | |
| | | - py + cpy diss + in fractures + vnlts, mt strong in some qtz-fluorite vnlts | | | | | | | | | | | | | | | | | | | |
| | | 99.67 - ~105 Intense chlorite altered gangy zone | 5 | 0 | 2 | 0 | 0 | 0 | 3 | | tr | | | | | | | | | | |
| | | 108 - 114.91 " | 5 | 0 | 2 | 0 | 0 | 0 | 3 | | tr | | | | | | | | | | |
| | | 121.01 - 123.35 " with qtz-py | 5 | 3 | 2 | 0 | 0 | 0 | 5 | | tr | | | | | | | | | | |
| | | 135.20 - 141.70 Increased qtz + fluorite vnlts - veins with ksp alt zones, cpy is seen in vnlts and fractures to very blebby, py blebby + diss, carb vnlts locally in more chloritic fractured zones | 3 | 3 | 2 | 3 | 0 | 2 | 3 | | .25-.5 | | | | | | | | | | |
| | | 135.20 - 136.15 qtz-fluorite veins, 5-10°/CA, several veins with crosscutting carb vnlts. Py is blebby + diss, cpy spotty, ksp alt envelope | 3 | 4 | 2 | 3 | 0 | 1 | 5 | | tr | | | | | | | | | | |
| | | 139.36 - 141.22 qtz-fluorite veins, irregular angles - many subparallel / CA, crosscutting carb vnlts | 3 | 4 | 2 | 2 | 0 | 1 | 3-5 | | tr-.25 | | | | | | | | | | |
| | | 145.07 - 145.65 qtz-fluorite veins, brecciation of vnlts, 20% vnlts, py diss + blebby, cpy local blebs | 3 | 4 | 2 | 1 | 0 | 1 | 3 | | tr-.25 | | | | | | | | | | |
| 146.70 | 147.10 | FELDSPAR PORPHYRY DIORITE (?) DYKE ~ 30°/CA | 4 | 3 | 2 | 4 | 0 | 2 | 5 | | .25-.5 | | | | | | | | | | |
| | | - characterized by 1-3 mm stubby plagioclase phenocrysts ~ 50% of total rock, 20-40% matrix mainly altered to chlorite, mt weakly diss, sericite alt of phenocrysts is weak to med, qtz, fluorite veins are common, carb veins irregular, py + cpy blebby - locally in massive patches and diss, chl is in irregular vnlts and patches, pink ksp alt is med. - strong | | | | | | | | | | | | | | | | | | | |
| | | - lower contact is irregular with siliceous brecciated vein | | | | | | | | | | | | | | | | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | |
|--------|---------------|--|----------------------|-----|--------|-------|-------|-------|-----|--------|---------------------|
| | | | RDR | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER |
| 147.10 | 147.26 | ANDESITIC TUFF / FLOW - see 99.67 ksp alt - mod., augite porphyritic | 3 | 2 | 2 | 3 | 0 | 1 | 1 | tr | |
| 147.26 | 147.46 | FELDSPAR PORPHYRY DIORITE (?) DYKE 48°/CA - see 146.70 - 2.5 cm qtz vein on top contact - cut off by siliceous brecciated vein from lower contact of previous dyke, weaker ksp alt, less py-cpy, mt in fractures + diss. | 3 | 2 | 2 | 2 | 0 | 1 | 1-2 | tr-.25 | |
| 147.46 | 152.10 | ANDESITIC TUFF / FLOW - see 99.67 - more fragmental towards lower section - carb veinlets common in fractured sections with incr ksp alt. | 3 | 2 | 2 | 2 | 0 | 2 | 3 | tr-.25 | |
| 152.10 | 177.82 | FELDSPAR PORPHYRY DIORITE (?) DYKE 25°/CA - see 146.70 - locally dark green due to pervasive chlorite, local ksp alt envelopes around some veinlets sericite is generally weak to mod with local strong zones towards bottom of section - quartz veining is mod, fluorite mod, carb vnlts are pinkish and are weak to mod, gypsum vnlts are local - local siliceous zones, cpy is weak to locally mod, mainly associated with vnlts, MoS ₂ is spotty in locally vnlts, mt is diss and come in qtz-fluorite vnlts. - bottom of zone is brecciated as multiple intrusions are alternating with intrusion brecciated volcanics - intense chloritic and strong sericite alt. | 4 | 3 | 3 | 2 | 0 | -2 | 3 | tr-.25 | MoS ₂ tr |
| | 169.10-170.41 | Siliceous zone - 40-50% silica mod loc ksp alt, blocky cpy in local vnlts, common angle of vnlts in zone is ~40°, fluorite vnlts common | 3 | 5 | 3 | 3 | 0 | 1 | 1 | tr-.25 | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | |
|--------|--------|--|----------------------|-----|--------|-------|-------|-------|-----|--------|-------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER |
| | | ~174.0-177.82 Transition zone to volcanics with intrusion brecciated zones of volc. between dykes, and strong chl-ser. ± 2° bi altn. zone has many crisscrossing stringers of qtz, carb & fluorite, py is locally str, gypsum loc. | 5 | 3 | 4 | 2 | 0 | 3 | 3 | tr-.25 | |
| 177.82 | 205.48 | ANDESITIC TUFFS & Flows - med-dark green/grey - variable textures from fine grained, augite porphyritic to fragmental lapilli sections - textures tend to be masked by alteration - no distinct boundaries noted in sections - pervasive med chl, weak to med ser, local kap. (mainly as envelopes around vnlts), zones of stronger silica altn, local 2° biotite - veining is moderate to strong, continuous qtz with lesser fluorite, gypsum is weak, carb vnlts stronger in some sections where they appear as fracture fillings, veins are commonly 25-45°/CA - pyrite is weak-med. diss and more blebby in vnlts, cpy is weakly diss in sections and more visible as blebs in vnlts, MoS ₂ is local in qtz-fluorite vns, mt is med. diss and more conc in qtz-fluorite vns. | 3 | 2 | 2 | 1 | 0 | 2 | 3 | tr-.25 | |
| | | 177.82-190.27 increased density of narrow carb stringers filling fractures and local carb-gypsum brecciated veins, med qtz + fluorite veins | 4 | 2 | 3 | 1 | 0 | 3 | 3 | tr-.25 | |
| | | 180.93-182.82 Strong chl-ser, med clay altered zone brecciated by carb veining, increased cpy in vnlts - diss. | 5 | -2 | 4 | 1 | 0 | 3 | 3 | .25 | |
| | | 199.39-199.88 Carb-chl text breccia shear zone 42°/CA 30-40% carb, minor gypsum vnlts | 5 | 1 | 3 | 0 | 0 | 4 | 5 | .25-.5 | |
| | | 201.69-205.48 Increased fluorite vnlts with pale green altn envelopes (sil.?) and blebby cpy, some 2° biotite | 3 | 1 | 2 | 1 | 0 | 2 | 3 | .25-.5 | |
| | | 203.32-203.71 Chlritic brecciated shear zone with fluorite vnlts. | 5 | 3 | 2 | 1 | 0 | 2 | 3 | .25 | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | |
|--------|--------|---|----------------------|-----|--------|-------|-------|-------|-----|--------|-------|
| | | | CHL ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER |
| 205.40 | 208.50 | DIORITE DYKE mo - intrusion brecciated contact - mottled red and dark green - equigranular, med grained 40-50% chloritized mafics remainder is plagioclase and <5% quartz, local ksp alt - mod. fluorite + quartz veining weak carb - py is diss + on fractures + veins, epy mainly in veins mt mod. diss and in veins, vein angles ~ 25-45°/CA | 4 | 2 | 2 | 1 | 0 | 1 | 3 | .25-.5 | |
| 208.80 | 241.23 | ANDESITIC TUFFS & FLOWS 208.50 - 236.87 HYBRID ZONE - BRECCIATED SECTION WITH VOLCANIC + DIORITE FRAGMENTS - WITH INTERSTITIAL DIORITE ± SILICEOUS MATERIAL = XENOLITHIC CONTACT BRECCIA WITH PARTIALLY ASSIMILATED FRAGMENT AND ALSO HYDROTHERMAL BRECCIA (SIMULTANEOUS WITH AND AS LATE OVERPRINT) - GENERALLY SILICEOUS ZONES ARE LATER THAN THE CONTACT INTRUSION BRECCIA AS SILICA / FLUORITE VEINS, SILICA FLOODING AND SILICA / FLUORITE VEIN BRECCIATION OVERPRINT AND CROSSCUT ORIGINAL DYKE BRECCIATION. - LESS DIORITIC BRECCIATION IS NOTED AFTER 218 M AND SILICA / FLUORITE ZONES CONTINUE. - ZONE MAY REPRESENT A FLUID CONDUIT THROUGH THE VOLCANIC PILE - VOLCANICS HAVE BEEN HYDROTHERMALLY ALTERED BY BIOTITE - CHLORITE IS PERVASIVE AND CARBONATE STRINGERS ARE VERY COMMON IN FRACTURES - LOCAL CHLORITIC SHEARS - EPY IS DISS. AND BLEBBY IN SECTION - SILICA - FLUORITE OCCURS IN ZONES .5-2M WIDE PLUS AS SMALLER VENTS IN BETWEEN THESE ZONES. | 4 | 4 | 1 | 1 | 0 | 2 | 3-5 | .5 | |
| | | 236.87 - 241.23 ANDESITIC LAPILLI TUFF WITH DISCONTINUOUS HYDROTHERMAL BIOTITE ALTA; ANLITE PSEUDOMORPHS, LOCAL QUARTZ & FLUORITE VEINS ~ 31°/CA SMALL FRAG. LATHS COMMON | 3 | 2 | 0 | 1 | 0 | 1 | 3-5 | tr-.25 | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | |
|--------|--------|---|----------------------|-----|--------|-------|-------|-------|-----|--------|-------|--|
| | | | CHL ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER | |
| 241.23 | 242.15 | APPROXIMATE 300-350 DYKE MAFIC DYKE 45°/CA - MOD-DARK GREEN / GREY EXCEPT IN BUFF TO PURPLISH ALTS HALOS AROUND LOCAL CARBONATE VENS AND CONTACTS FLUORITE & QZT VENTS WITH MT. ARE COMMON, PY IS FINELY DISS. CPT IS IN LOCAL VENTS. LOWER CONTACT IS IRREGULAR. | 3 | 1 | 1 | 1 | 0 | 1 | 1 | tr | | |
| 242.15 | 306.93 | ANDESITIC TYPES: FLOWS as 177 82 - MAINLY UNFRAGMENTAL WITH PLAG. LATH AND AUGITE PHENOCRYSTS. - VEIN DENSITY ~ 1/10cm, MAINLY QZT AND FLUORITE WITH LOCAL CARB AND GYPSUM STRINGERS MOST ARE BETWEEN 25-45°/CA, LOCAL PERVASIVE SILICA FLOODING AROUND VEINS - CPT IS BLEBBY IN SOME VENTS AND WEAK TO MOD DISS. - SOME WEAK TO MOD. KSP ALTHAL HALOS AROUND SOME VENTS. - LOCAL COARSENING OF PHENOCRYSTS | | | | | | | | | | |
| | | 242.15 - 259.27 as described 242.15 | 3 | 2 | 1 | 1 | 0 | 1 | 3 | .25-.5 | | |
| | | 259.27 - 258.75 more fractured, carb stringers, chlorite | 4 | 2 | 1 | 1 | 0 | 3 | 3 | .25-.5 | | |
| | | 258.75 - 264.46 as described 242.15 | | | | | | | | | | |
| | | 264.46 - 265.38 siliceous zone with fluorite, multiple veins ~40% ~ 25°/CA, mod diss - blebby py | 2 | 4 | 0 | 1 | 0 | 2 | 4 | .25 | | |
| | | 265.38 - 306.93 as described 242.15 - gypsum stringers noted offsetting qtz-fluorite vult. / gypsum deeper change | 3 | 2 | 1 | 1 | 0 | 1 | 3 | .26 | | |

| DEPTH | DIP | AZIMUTH | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | -90 | - | 10495.66 | 9298.42 | 1586.02 |
| 1 96.62 m | -88 | | | | |
| 2 169.77 | -90 | | | | |
| 3 221.59 | -90 | | | | |
| 4 273.41 | -90 | | | | |
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|-----------------------|--------------|
| APPROX. NORTHING | 10500 |
| APPROX. EASTING | 9300 |
| ZONE | NORTH KEMESS |
| LOGGED BY | L. LYONS |
| DATE DRILLING STARTED | SEPT 3/91 |
| DATE DRILLING ENDED | SEPT 6/91 |
| CORE SIZE | NQ |
| CASING IN HOLE | NO |
| TOTAL DEPTH | 282.55 m |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | |
|-------|--------|---|----------------------|-----|--------|-------|-------|-------|-----|-----|--------|--------------|--|--|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER | | | |
| 0.00 | 9.10 | OVERBURDEN | | | | | | | | | | | | |
| 9.10 | 26.52 | BLADED FELDSPAR PORPHYRY massive - variably textured, mainly characterized by bladed plagioclase phenocrysts to 1.2cm long, 30%, varies to less porphyritic more equigranular texture. - mafics altered by chlorite, phenocrysts are altered by sericite, weathering/oxidation to limonite - qtz vnlts are local, drusy with py mt ~ parallel/CA - py is finely diss. blebs in local fractures and qtz veins - mt is diss. in fractures and in veins as diss + blebs - cpy trace in qtz veins - recovery is generally poor through section with possible caved rounded pebbles ~ 15% of material from 17.37 to 20.42, ~ 75% of material between 20.42 to 23.47. | 3 | 1 | 3 | 0 | 0 | 0 | W2 | tr | | | | |
| 26.52 | 106.14 | PORPHYRIC MONZODIORITE - characterized by stubby, subhedral 2-3mm plagioclase phenocrysts to ~ 30-40%, 10-20% chloritized mafics, 20-30% fine Kspar. Mottled pale green in colour. - some zones are more equigranular - chlorite alt. mafics, weak ser. of plag - py diss. on fractures and veins, cpy - local blebs assoc. with fractures and qtz vnlts, covellite + moS ₂ are local as cpy | 3 | 1 | 1 | 0 | 0 | 0 | 2 | tr | MBS tr | Covellite tr | | |

Rock

1627

6212

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | Rock | | | |
|-------|--------|---|----------------------|-----|--------|-------|-------|-------|-----|-----|------|-------|------|------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | | OTHER | | |
| | | - common fractures with few mm spacing at 80-85°/CA | | | | | | | | | | | | |
| 66.14 | 72.24 | NO CORE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0200 | |
| 72.24 | 75.29 | FINE GRAINED DIORITE / ANDESITE FLOW? - dark green, fine grained, speckled light green felsics throughout - could be fine grained diorite. - py is diss + on fractures, mt diss + on fractures - fine microfractures through section with some gypsum make rock fissile. | 4 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | | | | 1620 |
| 75.29 | 87.48 | NO CORE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0200 | |
| 87.48 | 92.28 | FINE GRAINED DIORITE - mottled dark green - pale grey - mafics are chloritized, mt mod-str. diss. - py diss + on fractures and in veins of qtz + gypsum, cpy in local vltts and diss. - ksp alt'n local around vltts - fine parallel fractures continue through section I gypsum | 3 | 1 | 0 | 1 | 0 | 1 | 3 | tr | | | | 1620 |
| 92.28 | 215.00 | ANDESITE FLOW - fine grained, mod-dark green, augite porphyritic texture is variable - chl is perv. zoned, biotite is local around some vein zones, ksp alt'n is around local veins and fractures. - veining consists of mainly gypsum to ~ 98.0 m with lesser qtz and fluorite - after this point gypsum is weak, qtz + fluorite are dominant and carb. veining is consistently present in lesser numbers. Density of veins is variable but generally every 10 cm are stringers to veins at various angles with many shallow angle 15-30°/CA. | | | | | | | | | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | OTHER | Row |
|------|----|--|----------------------|-----|--------|-------|-------|-------|-----|--------|---------------------|------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | | |
| | | 143.68-159.29 as described 92-28-215.00 with somewhat higher vein density and increase in ksp altn, carb veinlets are more common, local carb-chl vein-shear brecciation shallows angle with gypsum vnlts, general vein angle 20-35°/CA, local fine vnlts in stockwork py = spy as diss + in vnlts on blebs + diss | 3 | 3 | 1 | 2 | 0 | 3 | 3 | tr-25 | | 162- |
| | | 159.29-167.82 as described 92.28-215.00 with weak qtz-fluor stockwork and lesser carb, many stringers are near parallel / CA, vein breccia zones common, mt common in vnlts + diss, as to py = spy, local blebs in vnlts and some diss, local MnS ₂ in qtz vnlts | 3 | 3 | 1 | 2 | 0 | 2 | 3 | tr-25 | MnS ₂ tr | 162- |
| | | 167.82 chromite shear - loc 30°/CA | 5 | 1 | 2 | 1 | 0 | 3 | 3 | tr | | 9160 |
| | | 167.82-174.60 as described 159.29 | 3 | 3 | 1 | 2 | 0 | 2 | 3 | tr-25 | | 162- |
| | | 174.60-182.10 as described 92-28 with fragmented sections containing plagioclase with andesite as clasts and possible groundmass (?) All textures are masked by altn (chl, 2nd bat) | 3 | 2 | 1 | 2 | 0 | 2 | 3 | tr-25 | | 162- |
| | | 182.10-182.90 CHLORITE CARB SHEAR / VEIN BRECCIA ZONE ~ 7cm true with 18°/CA, Fe carb (?) = 60-70% qtz = 10%, chl andesite = 20-30% | 4 | 2 | 1 | 1 | 0 | 4 | 1-2 | tr | | 9160 |
| | | 182.90-200.00 as described 174.60 - some ksp altn zones see perthite around local veins, local MnS ₂ speckled in vnlts of qtz-fluorite | 3 | 2 | 1 | 2 | 0 | 2 | 3 | tr-25 | MnS ₂ tr | 162- |
| | | 200.00-209.00 SILICEOUS ZONE - 60% silica + fluorite andesite is ksp alt + chl, local carb, blobby mt | 3 | 5 | 1 | 2 | 0 | 1 | 3 | .25 | | 162- |
| | | 209.00-215.00 HONEYCOMBED ZONE - more fragmental zone (lapilli buff?), chalcoprite - increases in vnlts + diss, top of section is ksp alt, gypsum stringers are local | 3 | 3 | 0 | 2 | 0 | 2 | 3 | .25-.5 | | 162- |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | |
|---------------|--|--|----------------------|-----|--------|-------|-------|-------|-----|-------|-------|--|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER | |
| 215.00 | 282.55 | Felsic Porphyry Monzonite / Monzodiorite - characterized by stubby, subhedral crowded plagioclase phenocrysts 2-4 mm in size, ~40-50% of rock - chloritic grains and interstitial material ~20-25% - <10% subrounded quartz grains - ~30% primary interstitial ksp - chl alt is pervasive, ksp alt is local around structures, ser of plag is locally weak - veining is predominantly qtz + fluorite, less common carb vs pinkish, gypsum vnlts are more common than volcanic rocks above. Density is generally having fairly continuous vnlts at least every 10cm, usually crosscutting main veins - 10-25°/ca is common with angles varying to 90°/ca - Py is mainly in blebs + diss in qtz-fluorite vnlts and diss. mod around vnlts, cpy is blebby - diss in and around vnlts of qtz + fluorite mainly, MnS ₂ is in local vnlts - fractured, carb vnlts zones are local - gypsum vnlts with high angle are observed to locally crosscut and offset qtz-fluorite vnlts | | | | | | | | | | |
| 215.00-222.12 | as described | 215.00-282.55 | 3 | 2 | 1 | 2 | 0 | 1 | 2 | tr-25 | | |
| 222.12-223.93 | as described | 215.00-282.55 with qtz, fluorite, carb veining, ~4cm, 5°/ca, Py is massive, cpy is locally blebby | 3 | 4 | 1 | 2 | 0 | 2 | 10 | tr-25 | | |
| 223.93-245.70 | as described | 215.00-282.55 | 3 | 2 | 1 | 2 | 0 | 1 | 2 | tr-25 | | |
| 245.70-246.04 | CARB VEIN BRECCIA, 8cm width 20°/ca ~40% carb, 60% fragments of ml andesite, fluorite, quartz, gypsum stringers parallel within zone. | | 3 | 1 | 2 | 2 | 0 | 5 | 2 | tr | | |
| 246.04-269.76 | as described | 215.00-282.55 | 3 | 2 | 1 | 2 | 0 | 1 | 2 | tr-25 | | |
| 269.76-282.55 | as described | 215.00-282.55 with fracture halos of weak-mod clay/ser alt + ksp alt in holes | 3 | 2 | 2 | 2 | 0 | 1 | 2 | tr-25 | | |

Roc.

b2

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | |
|------|---------------|--|----------------------|-----|--------|-------|-------|-------|-----|-------|-------|--|--|-----|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | Py% | Cp% | OTHER | | | |
| | | -py is diss and in fractures and vnlts in greater amounts -cpy is mainly observed as blebs in local Qtz-fluorite veins with py - fine parallel fractures are present to ~ 94.20 metres. | | | | | | | | | | | | |
| | 92.28-101.28 | as described 92.28 - 215.00 | 3 | 2 | 1 | 1 | 0 | 0 | 3 | tr | | | | 162 |
| | 101.28-107.02 | Altered vein zone - increased Qtz > fluorite > carb veins + vnlts, vein veins are ~ 5°/CA with smaller crisscrossing vnlts, ~ 10% of core is vein material, andesite is altered by Ksp and weak to locally moderate Zn biotite, py is blebby + diss in vnlts and diss in andesite, cpy mainly seen as blebs in vnlts with py. Sulphides predominantly in Qtz + fluorite vnlts. | 3 | 3 | 1 | 3 | 0 | 1 | 5 | tr-25 | | | | 162 |
| | 107.02-110.10 | as described 92.28 - 215.00 | 3 | 2 | 1 | 1 | 0 | 1 | 2 | tr | | | | 162 |
| | 110.10-110.78 | Fluorite-Qtz vein breccia zone, diss + fract. py + cpy, Znbiotite attn halo around vein zone and in fragments within | 2 | 4 | 1 | 1 | 0 | 0 | 3-5 | tr-25 | | | | 162 |
| | 110.78-124.03 | as described 92.28 - 215.00 | 3 | 2 | 1 | 1 | 0 | 1 | 3 | tr-25 | | | | 162 |
| | 124.03-128.18 | Altered zone with increased veining, Ksp + chl attn around fluorite-Qtz veining ~ 10%, irregular veins with shallow CA angles, blebby py + cpy in veins, diss in andesite, many veins are offset by small fractures ~ 40°/CA, local carb + gypsum veins (unmineralized). | 4 | 3 | 1 | 3 | 0 | 2 | 3 | .25 | | | | 162 |
| | 128.18-140.87 | as described 92.28 - 215.00 | 3 | 2 | 1 | 1 | 0 | 1 | 3 | tr-25 | | | | 162 |
| | 140.87-142.03 | PRECIPITATED VEIN - SHEAR ZONE 5-10°/CA Silica-carb matrix with chloritized andesite, silica + carb fragments, not py, cpy is diss + in blebs like gypsum veins cross breccia | 4 | 2 | 2 | 2 | 0 | 4 | 3 | tr | | | | 162 |
| | 142.03-143.68 | as described 92.28 - 215.00 | 3 | 2 | 1 | 1 | 0 | 1 | 2 | tr | | | | 162 |

| DEPTH | DIP | AZIMUTH | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | 90 | - | 10601.09 | 9402.21 | 1680.42 |
| 1 73.15 | 90 | | | | |
| 2 163.68 | 88 | | | | |
| 3 236.83 | 87 | | | | |
| 4 282.55 | 90 | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |

| DATA ENTRY | |
|------------|--|
| DATE | |
| BY | |

| DATA CHECKING | |
|---------------|--|
| DATE | |
| BY | |

| | |
|-----------------------|--------------|
| APPROX. NORTHING | 10600 |
| APPROX. EASTING | 9400 |
| ZONE | NORTH KEMESS |
| LOGGED BY | L. LYONS |
| DATE DRILLING STARTED | SEPT 5 / 91 |
| DATE DRILLING ENDED | SEPT 8 / 91 |
| CORE SIZE | HQ / NQ |
| CASING IN HOLE | NO |
| TOTAL DEPTH | 282.55 |

| | | COMPUTER LOG SECTION | | | | | | | | | | | |
|------|---------------|--|------|-----|--------|-------|--------|-------|-----|------|-------|-----|----------------------------|
| FROM | TO | DESCRIPTION | ROCK | SIL | SER-CY | K-ALT | PROPL. | CARB. | CHL | Py % | CPY % | STK | OTHER |
| 0.00 | 6.70 | OVERBURDEN | 0000 | | | | | | | | | | |
| 6.70 | 44.81 | FELDSPAR PORPHYRY MONZODIORITE / DIORITE - characterized by stubby, 1-4mm, subhedral plagioclase phenocrysts that make up from 30-50% of rock, variable textures to more equigranular texture in sections, <10% qtz - generally section is mottled moderate green / grey colour - alteration is variable - py is diss. and in qtz units, local cop - MoS ₂ - blackish tarnish on py may be chalcocite(?) - qtz units are common at shallow angles / CA - local gouge zones. - core is broken with poor recovery | | | | | | | | | | | |
| | 6.70 - 15.00 | OXIDIZED ZONE - limonite on fractures, along qtz mltz and in local gouge zones, chlorite alt. mafic, clay-ser alt, local MoS ₂ in qtz mltz and on local fractures | 6212 | 1 | 3 | 0 | 0 | 1 | 3 | 2 | tr | 0 | MoS ₂ local |
| | 15.00 - 20.00 | sericite clay + chl. altered | 6212 | 1 | 4 | 0 | 0 | 1 | 3 | 3 | tr | 0 | MoS ₂ Bw (?) |
| | 20.00 - 20.42 | GOUGE - sericite, clay, chl crushed rock | 9620 | 1 | 5 | 0 | 0 | 1 | 4 | 2 | 0 | 0 | Cc (?) |

| FROM TO DESCRIPTION | | | COMPUTER LOG SECTION | | | | | | | | | | | |
|---------------------|---------------|--|----------------------|-----|--------|-------|-------|-------|-----|------|--------|-----|-------|--|
| FROM | TO | DESCRIPTION | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | CHL | Py % | Cpy % | STK | OTHER | |
| 86.11 | 148.00 | ANDESITIC Flow - mod. - dark green / grey, fine grained I augite phenocrysts 1-4 mm - pervasive chl attr. ksp a ^l -i is local vlns - mod. is haloes around some veins and structures - veining is fairly continuous with larger vlns every 10-20cm and smaller stringers every 2-3cm - carb. vlnlets and stringers are constant through section quartz veins are common throughout, fluore vlns often in association with qtz vlns are common below ~104.0, gypsum vlns are common in top of section to ~104.0 sometimes assoc. with albite vlns with sulphides and commonly infilling fine hairline fractures, lower in section gypsum is present usually as small stringers, sec relationship indicate gypsum, carb - qtz + fluorite as youngest to oldest. - Py is commonly diss and as lds in fractures + veins - cpy occurs as py in lesser amounts, not common diss - blk - chloritic fractured - shear zones are quite common often with associated lte carb + gypsum stringers. | | | | | | | | | | | | |
| | 86.11-104.0 | as described 86.11-148.00 common gypsum vlns are irregular - 60-70° is common angle/bk | 1620 | 2 | 1 | 1 | 0 | 2 | 3 | 3 | tr-.25 | 1 | | |
| | 104.0-110.32 | as described 86.11-148.00 | 1620 | 2 | 1 | 1 | 0 | 2 | 3 | 3 | tr-.25 | 1 | | |
| | 110.32-113.50 | fragmental, vein brecciated zone with sil + ksp attr. | 1620 | -3 | 1 | 2 | 0 | 3 | 3 | 3 | tr-.25 | 2 | | |
| | 113.50-148.00 | as described 86.11-148.00 | 1620 | 2 | 1 | 1 | 0 | 2 | 3 | 3 | tr-.25 | 1 | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | |
|--------|--------|--|----------------------|-----|--------|-------|-------|-------|-----|------|--------|-----|-------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | CHL | PY % | CPY% | STK | OTHER |
| 148.0 | 165.6 | HYBRID ZONE - MONZODIORITE/DIORITE + ANDESITE - zone contains mixture of feldspar porphyry monzodiorite / diorite dykes, andesitic volcanic flow and breccias containing discrete monzodiorite/diorite clasts volcanic clasts and a mixed matrix of intrusive material, partially assimilated to assimilated volcanics and pulverized pieces of both. Ksp altm, 2nd biotite, chl and continued veining as above. cpy is mainly seen as blebs in qtz-fluorite vnlts. carb stringers in fractures | 5100 | 2 | 1 | 2 | 0 | 2 | 3 | 3 | .25 | 2 | |
| 165.6 | 170.20 | FELDSPAR PORPHYRIC MONZODIORITE/DIORITE - dyke is similar to intrusive at top of hole. - characterized by stubby subhedral 1-4 mm plagioclase phenocrysts 30-50% of rock - local strong sericitic, altm ksp altm, strong qtz-fluorite veins, blebby carb vnlts, carb stringers in fractures continue | 6212 | 2 | 2 | 2 | 0 | 2 | 3 | 3 | .25 | 2 | |
| 170.20 | 178.1 | HYBRID ZONE - as 148-165.6 with less intrusive material more volcanic and siliceous veining and siliceous material in breccia matrix. cpy is blebby in vnlts, 2nd biotite of volcanic rocks | 5100 | 4 | 1 | 2 | 0 | 2 | 3 | 3 | .25-.5 | 3 | |
| 178.1 | 282.55 | ANDESITIC FLOWS - as described 86.11-148.0 with visible small feldspar laths in groundmass, aegiric phenocrysts 10-20%, regular qtz-fluorite ± mt vnlts every 20-30 cm generally at low angles 10-30% / CA, small apyrum carb + sink carb stringer stockwork generally crosscut by fillings qtz-fluorite veins ksp altm is mod pervasive and stronger around some veins, chl-clay altered zones with some cherting is more common lower in section | | | | | | | | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | |
|------|--------------|--|----------------------|-----|--------|-------|-------|-------|-----|------|--------|-----|-------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | CHL | PY % | CPY % | STK | OTHER |
| | 178.1-205.7 | as described 178.1-282.55 | 1620 | 2 | 1 | 3 | D | 3 | 3 | 3 | .5 | 2 | |
| | 205.7-218.0 | stronger chlorite and increased sericite clay as shears are more common - various, usually 75-85°/CA with carb + gypsum stringers within fragmental zones common in shears, ksp alt decreased to very local around structures. Local MoS ₂ , less pyrite/cpy than previous interval. | 1620 | 2 | 3 | 2 | D | 3 | 4 | 2 | .25-.5 | 2 | |
| | 218.0-226.0 | as described 178.1-282.55 | 1620 | 2 | 1 | 1 | 0 | 3 | 3 | 2 | .25 | 2 | |
| | 226.0-239.8 | stronger chlorite and sericite clay alt with local gray chlorite zones, Fe carb(?) veins and stringers at variable angles, local intense clay alt. is diss in veins and chloritic Vol. ksp alt is locally pervasive, but generally weak and restricted to fractures. | 1620 | 1 | 4 | 2 | 0 | 3 | 5 | 2 | .25 | 2 | |
| | 239.8-258.6 | as described 178.1-282.55 with zones of sil, chl, ksp alt, decrease in fine carb stockwork, local chloritic sheared- brecciated zones with carb/gypsum units v 75-85°/ca | 1620 | 3 | 2 | 2 | 0 | 2 | 4 | 3 | .25-.5 | 1 | |
| | 258.6-262.5 | siliceous fluorite veined zone ksp alt around veins, vein angles are generally shallow | 1620 | 4 | 1 | 3 | 0 | 2 | 3 | 4 | .25-.5 | 3 | |
| | 262.5-282.55 | as described 178.1-282.55 with local old shears and ksp alt around veins. | 1620 | 2 | 1 | 2 | 0 | 2 | 3 | 4 | .25-.5 | 1 | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | |
|-------|-------|---|----------------------|-----|--------|-------|-------|-------|-----|------|-------|-----|---------------------------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | CHL | PY % | CPY % | STK | OTHER |
| | | 20.42-25.50 as described 15.00-20.00 with local blebby cpy in qtz vults | 6212 | 2 | 4 | 0 | 0 | 1 | 3 | 3 | tr-25 | 0 | MoS ₂ |
| | | 25.50-25.65 GOUGE ZONE as described 20.00-20.42 | 9620 | 2 | 5 | 0 | 0 | 1 | 4 | 3 | 0 | 0 | |
| | | 25.65-38.71 as described 15.00-20.00 with local gouge sections and pink carb(?) fracture fillings common | 6212 | 2 | 4 | 0 | 0 | 2 | 3 | 3 | tr | 0 | MoS ₂ Cc(?) |
| | | 38.71-44.81 less clay-ser alt than previously | 6212 | 1 | 2 | 0 | 0 | 1 | 3 | 3 | tr | 0 | |
| 44.81 | 46.33 | ANDESITE - fine grained dark green / grey cpy in blebs with on fractures - could be xenolith within intrusive | 1600 | 1 | 1 | 0 | 0 | 0 | 3 | 3 | tr-25 | 0 | |
| 46.33 | 54.86 | No CORE | 0700 | | | | | | | | | | |
| 54.86 | 56.39 | FELDSPAR PORPHYRY MONZODIORITE / DIORITE as described - 46.33 | 6212 | 1 | 2 | 0 | 0 | 1 | 3 | 3 | tr | 0 | |
| 56.39 | 75.90 | No CORE | 0700 | | | | | | | | | | |
| 75.90 | 86.11 | FELDSPAR PORPHYRY MONZODIORITE / DIORITE - as described - 46.33 - core is solid with near 100% recovery from this point on. - variably altered as lower section alternates with and volcanic rocks in a contact zone of volcanic xenoliths and smaller intrusive dykes and local qtz veins. - gypsum vults are common in contact area in intrusives and volcanic rocks. - contact is vein brecciated and irregular but appears to be shallow angle / CA. - volcanic rocks contain blebby - cpy with qtz-carb cpy vults. | 6212 | 2 | 2 | 2 | 0 | 2 | 3 | 3 | tr-25 | 0 | |

GEOLOGICAL LOGGING FORM - HEADER PAGE NORTH: KEMESS PROJECT

DDH No.

31-36

Page 1 of

1

| DEPTH | DIP | AZIMUTH | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | 90 | - | 10404.7 | 2007.88 | 1736.59 |
| 1 78.33 | 90 | | | | |
| 2 212.45 | 90 | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |

DATA ENTRY

DATE _____

BY _____

DATA CHECKING

DATE _____

BY _____

| | |
|-----------------------|--------------|
| APPROX. NORTHING | 3136 |
| APPROX. EASTING | 2008 |
| ZONE | NORTH KEMESS |
| LOGGED BY | L. LYONS |
| DATE DRILLING STARTED | SEP 11 / 91 |
| DATE DRILLING ENDED | SEP 2 / 91 |
| CORE SIZE | 1 1/2" / NQ |
| CASING IN HOLE | YES |
| TOTAL DEPTH | 231.62 |

| | | COMPUTER LOG SECTION | | | | | | | | | | | |
|-----|-------|---|------|-----|--------|-------|-------|-------|-----|-----|------|-----|-------------------------------|
| 0 | 7.3 | OVER | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | CHL | PY% | CPY% | STK | OTHER |
| 7.3 | 182.6 | GRADED FELDSPAR PORPHYRY | | | | | | | | | | | |
| | | - characterized by elongate plagioclase phenocrysts from 0.3-1.5 mm, generally unoriented 5-20% of core in a mod-dark green/grey groundmass - variable sections have coarser grained groundmass, smaller phenocrysts, matrix phenocrysts are visible in some sections | | | | | | | | | | | |
| | | - alteration is variable with sil sericite clay most prominent | | | | | | | | | | | |
| | | - veining is weak with local quartz, carbonate and gypsum vults shallow angles to 15° are most common | | | | | | | | | | | |
| | | - sil is disseminated throughout and more concentrated in local fractures and qtz stringers | | | | | | | | | | | |
| | | - qtz is only seen locally in vults of qtz not discs or veins | | | | | | | | | | | |
| | | - MnSO ₄ is local on fractures | | | | | | | | | | | |
| | | - local parallel fractures are common | | | | | | | | | | | |
| | | 7.3 - 32.61 mineral is generally green/grey with chl-ser alteration and oxidation - limonite in veins and fractures, vults are commonly 20-30% KA groundmass grain size variable | 1623 | 1 | 3 | 0 | 0 | 1 | 3 | 3 | tr | 0 | MnSO ₄ limonite |
| | | 32.61 - 34.35 chloritic altered zone with gassy qtz rich sections, limonitic sections, strong sil - ser alt | 9160 | 2 | 3 | 0 | 0 | 0 | 5 | 3 | - | - | - |

file: GEOHEAD.PRN

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | |
|------|----|---|----------------------|-----|--------|-------|-------|-------|-----|------|-------|-----|---------------|----------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | CHL | PY % | CPY | STK | OTHER | |
| | | 34.35 - 41.76 as described - 32.1 with stz. limonite 1623 commonly 5-10%/ca | 1623 | | 3 | 0 | 0 | 0 | 1 | 3 | 3 | tr | 0 | limonite |
| | | 41.76 - 51.30 dark green/gray fine grained groundmass with distinct plagioclase phenocrysts no oxidation veins of calc. stz and py are generally 5-15% with local veins to 45%/ca epidote is spotty | 1623 | 1 | 2 | 0 | 1 | 1 | 3 | 3 | tr | 0 | | |
| | | 51.30 - 119.0 mottled pale green to red green/gray, chl - ser clay altered section, local gouge zones with stz + py magnetic in local veins common angle of more major veins is 35°/ca, lower angle stringers of calc common, tr disc cpy, grain size and texture is variable from fine grained groundmass + large phenocrysts to more equigranular, blackish- like crushed cpy is local - could be magnetite. | 1623 | 2 | 3 | 0 | 0 | 1 | 4 | 3 | tr | 0 | small red? tr | |
| | | 119.0 - 119.4A Crushed zone with chl, sericite, stz + py / black bluish turned to core) - sandy consistency | 1623 | 4 | 2 | 0 | 0 | 1 | 4 | 10 | 0 | 0 | | |
| | | 119.4B - 120.15 Poor recovery - as described 51.3 - 119.0, cpy observed - local fracture surfaces, pink calc common | 1623 | 1 | 2 | 0 | 0 | 2 | 4 | 3 | tr-25 | 0 | tr, M652 | |
| | | 130.15 - 134.72 NO CORE - 0% RECOVERY | 0200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 134.72 - 136.25 as described 51.3 - 119.0 - poor recovery | 1623 | -1 | 2 | 0 | 0 | 2 | 4 | 3 | tr | 0 | | |
| | | 136.25 - 140.82 NO CORE - 0% RECOVERY | 0200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 140.82 - 145.39 pebbly core - possible mixture of core and cave material - as described 51.3 - 119.0 | 1623 | 1 | 2 | 0 | 0 | 2 | 4 | 3 | tr | 0 | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | |
|-------|-------|---|----------------------|-----|--------|-------|-------|-------|-----|------|-------|-----|-------|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB. | CHL | Py % | COY # | STK | OTHER |
| | | 145.39 - 146.7 solid rock matrix bleached - primary minerals with local zones - weak porphyritic zone - weakly bleached - feldspar porphyry - fresh alteration zones (sp + chl) remainder of zone - 2nd biotite ill - zone decrease with weakly sericite altered - chlorite - sericite - Epidote and qtz veins - ves common but spaced, subparallel to CA in common zone is diss and in veins | 1623 | 2 | 2 | 2 | 0 | 2 | 3 | 4.3 | 5-B | 0 | |
| | | 146.7 - 148.9 siliceous zone - 60-20% qtz + feldspar vms ~ 60-80% CA - univalley, vein associated contacts with chloritic sheaves assoc, py + coy are diss + bleached, qtz flooding common around veins | 1623 | 5 | 2 | 0 | 2 | 1 | 4 | 3 | 5 | 3 | |
| | | 148.9 - 182.6 bleached feldspar porphyry with local siliceous zones similar to 145.39 - 146.7. 2nd biotite, med-str chl, lower section non-porphyritic with bleached portions likely related to emplacement of dikes below. py + coy as above, lower contact is 20% CA chloritic shear zone 5cm wide. | 1623 | 2 | 2 | 1 | 0 | 1 | 4 | 3 | 5-B | 0 | |
| 182.6 | 191.6 | ESBIC DIKE - characterized by green chloritic irregular spots in a cream-to-pale green locally pink hard groundmass. Chlorite also is also found in holes along walls of fractures. No change in vein or mineralization. Top all holes chloritic spots and fractures. Bottom contact is irregular at ~ 45% CA | 7400 | 2 | 0 | 2 | 0 | 1 | 4 | 3 | 5 | 1 | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | |
|-------|---------------|---|----------------------|-----|--------|-------|-------|------|-----|------|--------|-----|-------|--|--|--|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB | CHL | Py % | Cpy % | STK | OTHER | | | |
| 191.6 | 222.6 | ANDESITIC FLOWS - generally augite perphyritic with 5-15% 1-4mm subhedral-euhedral chloritized augite phenocrysts in fine grained mod green groundmass with quartz - at vlt's stockwork with some vlt's at base irregular shallow angles / CA, carb veins regular but widely spaced, gypsum vlt's local often in chl shear zones - hornfelsing through section, 2nd biotite local around some vlt's - ksp in local haloes around vlt's and fractures, chl regularly mod - locally strong in sheared zones - spy + py are diss and bubbly in vlt's + volcanics | | | | | | | | | | | | | | |
| | 191.6 - 194.6 | Zone with fragments of plagioclase both andesite and other volcanics in either siliceous matrix and/or a mixed volcanic matrix. May represent brecciate associated with the emplacement of the above dyke and later hydrothermal solutions | 1624 | 3 | 1 | 2 | 0 | 1 | 3 | 3 | .5 | 3 | | | | |
| | 194.6 - 222.6 | as described 191.6 - 222.6 | 1624 | 2 | 1 | 1 | 0 | 1 | 3 | 3 | .5 | 1 | | | | |
| 222.6 | 227.1 | FELDSPAR PORPHYRY MONZODIORITE 77°/CA - characterized by stubby 1-4mm subhedral plagioclase phenocrysts from 30-50% of rock, 15-20% chloritized mafics, variable textures to more equiaxed - mottled dark + pale green/grey with pinkish actinolite - chl act in pervasive, ksp is weak, ksp is localized - found some calc vlt's and fractures - sps + spy are diss. and more common in vlt's - of dark andesite with shallow angles / CA, local epidote in vlt's | 6212 | 1 | 1 | 2 | 1 | 1 | 3 | 3 | .25-.5 | 0 | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | |
|---------------|-------|--|----------------------|-----|--------|-------|-------|------|-----|------|-------|-----|-------|--|--|--|
| | | | ROCK | SIL | SER-CY | K-ALT | PROPL | CARB | CHL | Py % | Cpy % | STR | OTHER | | | |
| 191.6 | 222.6 | ANDESITIC FLOWS - generally augite, zoisitic with 5-15%, 1-4mm subhedral-subhedral chlorite augite phenocrysts in fine grained and green groundmass with pyroxene - at vults stockwork with some vults at base Irregular shallow angle /CA, carb veinlets regular but widely spaced, gyps in vults local often in chl shear zones - kersitizing through section, Znd biotite local around some vults - ksp in local haloes around vults and fractures, chl regularly mod - locally strong in sheared zones - cpy + py are diss and blebby in vults + volcanics | | | | | | | | | | | | | | |
| 191.6 - 194.6 | | Zone with fragments of plagioclase both andesite and other volcanics in either siliceous matrix and/or a mixed volcanic matrix. May represent brecciation associated with the emplacement of the above dyke and later hydrothermal solutions | 1624 | 3 | 1 | 2 | 0 | 1 | 3 | 3 | 5 | 3 | | | | |
| 194.6 - 222.6 | | as described 191.6 - 222.6 | 1624 | 2 | 1 | 1 | 0 | 1 | 3 | 3 | .5 | 1 | | | | |
| 222.6 | 227.1 | FELDSPAR PORPHYRY MONODIORITE 77°/CA - characterized by stubby, 1-4mm, subhedral, plagioclase phenocrysts from 30-50% of rock, 15-20% chloritized mafics, variate textures to more equiaxial - mottled dark - pale green/grey with pinkish actinolite - chl actn is pervasive, ksp is weak, ksp is localized around some chl vults and fractures - cpy + py are diss locally and more common in vults of the dyke with shallow angle /CA, basal epidote in vults | 6212 | 1 | 1 | 2 | 1 | 1 | 3 | 3 | .25-5 | 0 | | | | |

SEE GEOPROFILE

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | |
|-------|--------|--|----------------------|-----|--------|-------|-------|-------|-----|------|-------|-----|------------------|--|--|
| | | | ROCK | SIL | SER-CY | R-ALT | PROPL | CARB. | CHL | Py % | Cpy % | STK | OTHER | | |
| 227.1 | 261.62 | Andesitic Flows | | | | | | | | | | | | | |
| | | 227.1-245.2 as described 171.6-222.6 with low FeO ₂ in mts | 1624 | 2 | 1 | 1 | 0 | 1 | 3 | 5 | 5 | 1 | MoS ₂ | | |
| | | 245.2-252.6 as above with mottled texture due to Ksp ± sil alteration and open space filling of white/calc green nod hard material in spots and blotches. | 1624 | 2 | 1 | 2 | 0 | 1 | 3 | 5 | 5 | 1 | | | |
| | | 252.6-261.21 as described 191.6-222.6 | 1624 | 2 | 1 | 1 | 0 | 1 | 3 | 3 | 25-5 | 1 | | | |
| | | END OF HOLE 261.62 METRES | | | | | | | | | | | | | |
| | | CASING LEFT IN | | | | | | | | | | | | | |

AS GROUND PEN

GEOLOGICAL LOGGING FORM - HEADER PAGE

NORTH
KEMESS PROJECT

DDH
No.

91-42

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| DEPTH | DIP | AZIMUTE | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | -90 | - | 10741.43 | 9096.58 | 1476.13 |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |

| DATA ENTRY | |
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| DATE | |
| BY | |

| DATA CHECKING | |
|---------------|--|
| DATE | |
| BY | |

| | |
|-----------------------|---------------|
| APPROX. NORTHING | 10700N |
| APPROX. EASTING | 9100E |
| ZONE | KEMESS NORTH |
| LOGGED BY | B. C. BOWEN |
| DATE DRILLING STARTED | SEP 29 / 91 |
| DATE DRILLING ENDED | SEP 21 / 91 |
| CORE SIZE | 40/40 |
| CASING IN HOLE | YES |
| TOTAL DEPTH | 282.55 METERS |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | OTHER | | |
|------|-------|---|----------------------|-----|-----|----------------|-----|-----|------|-----|------|----|----|-----|-----|-------|---------|--|
| | | | ROCK | GYP | SIL | BI-WHMA ALT | ALT | SER | CLAY | CHL | CARB | FL | MT | PK | CP | | STK | |
| 0 | 4.88 | OVERBURDEN | 0000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4.88 | 25.3 | GRADED FELDSPAR PORPHYRY FLOW | 1623 | 1 | 1 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 | 1.5 | 0.1 | 0 | MSS Co. | |
| | | Unit is characterized by conspicuous feldspar phenas 1-3 mm by up to 15 cm, comprising 20-30% of rock, set in fine grained med. - dk. greyish-green calcareous groundmass. Frag. phenas wk-mod argillized groundmass med. chloritized. - oxidized fract. down to 20.2 m. - most of the core is badly broken, w/ numerous narrow (2.1 m) gouge zones consisting of chlo- mined clay of lesser coarsed gr. by. - occasional qtz. vlt. - ruggy quartz vlt w/ py - locally sooty dk. tabular on py & calc - may be chlorite - wk-mod tab. as diss. & occasional vlt. | | | | | | | | | | | | | | | | |
| 25.3 | 46.63 | PERMYLITIC SYENITE DIKE | 6412 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 2 | | |
| | | Unit is characterized by .5 x 3 mm subhedral feldspar phenas set in a fine grained groundmass that where fresh is pinkish in colour. Locally, felds- | | | | | | | | | | | | | | | | |

file: GEOHEAD.PRN

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | |
|-------|-------|--|----------------------|-----|-----|------------|-------------|-----|------|-----|------|----|----|-----|-----|-----|
| | | | ROCK | GYP | SIL | BI- ACT | PKMA ACT | SER | CLAY | CHL | CARB | FL | MT | PT% | CA% | STK |
| | | <u>PORPHYRITIC GRANITE - DIKE - CONT'D</u> | | | | | | | | | | | | | | |
| | | upper & lower contacts of dike & internally ground-mass is greenish in colour, in part due to chl, but sp. contacts, may also be contamination from wall rock. | | | | | | | | | | | | | | |
| | | - chl. gouge @ upper contact, @ 50' ca.; core broken @ lower contact. | | | | | | | | | | | | | | |
| | | - unit is cut by mid-pink carbonates (?) vHS @ several #'s, dominant is low # (ca. 30' ca). | | | | | | | | | | | | | | |
| | | - 10-15% chloritized mafic present. | | | | | | | | | | | | | | |
| | | - wk. argillite alteration after fspal planes & in ground mass locally. | | | | | | | | | | | | | | |
| | | - unit is unmineralized; no. diss. locally. | | | | | | | | | | | | | | |
| 46.63 | 75.29 | <u>BLAISE FOLIAR MANDYRY FLOW</u> | 1623 | 1 | 1 | 0 | 0 | 0 | 2 | 3 | 1 | 0 | 1 | 3 | .25 | 0 |
| | | - lithologically, unit is as described in interval 4.88 to 25.3 | | | | | | | | | | | | | | |
| | | - core intensely broken, numerous gouge zones present. | | | | | | | | | | | | | | |
| | | - gouge zones consist mainly of chl + lesser clay. | | | | | | | | | | | | | | |
| | | - chl also mod pervasive; fspal locally mod clay altered. | | | | | | | | | | | | | | |
| | | - occasional thin line gypsum & cream carbonate veins. | | | | | | | | | | | | | | |
| | | - trace quartz vein w/ py | | | | | | | | | | | | | | |
| | | - by diss. & fract, noticeable increase relative to some unit above just mineral granite dike. | | | | | | | | | | | | | | |
| | | - GY locally diss. & on fract. | | | | | | | | | | | | | | |
| 75.29 | 89.43 | <u>ANOSITE</u> | 1600 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 3 | .25 | 0 |
| | | - textures vague; locally argillite planocryst visible. | | | | | | | | | | | | | | |
| | | - core is intensely broken; locally minor gouge component | | | | | | | | | | | | | | |
| | | - chlonite pervasive, notably Sae admixed clay | | | | | | | | | | | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|--------|--------|---|----------------------|-----|-----|------------|-------------|-----|------|-----|------|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI- ACT | USMA ACT | SER | CLAY | CHL | CARB | FL | MT | PT% | CA% | STK | OTHER |
| | | ANISITE - CONT 'A | | | | | | | | | | | | | | | |
| | | - by diss. & fract; Gyl diss. locally; MoS ₂ on fract; @ 78.8 m. | | | | | | | | | | | | | | | |
| | | - quartz - Gyl. vhs. locally. | | | | | | | | | | | | | | | |
| 84.43 | 101.19 | BLAISE FELDSPAR PORPHYRY FLOW UNIT | 1623 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 3 | .25 | 0 |
| | | - lithologically, unit as described in interval 4.98-25.3 | | | | | | | | | | | | | | | |
| | | - core is intensely broken up locally into gouge component. | | | | | | | | | | | | | | | |
| | | - by diss. & fract; Gyl diss. locally. | | | | | | | | | | | | | | | |
| | | - trace Gypsum vhs. | | | | | | | | | | | | | | | |
| 101.19 | 112.78 | TRICONE - NO CORE | 0100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 112.78 | 128.63 | BLAISE FELDSPAR PORPHYRY FLOW UNIT | 1623 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 3 | .25 | 0 |
| | | - as per 84.43 to 101.19 | | | | | | | | | | | | | | | |
| 128.63 | 146.3 | TRICONE - NO CORE | 0100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 146.3 | 159.8 | PORPHYRYIC SYENITIC DYKE | 6412 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 |
| | | - lithologically, as per described from 25.3-46.63 | | | | | | | | | | | | | | | |
| | | - upper contact not observed because of friability; lower contact @ ~ 85' w/ 0.5m chlorite sheet. | | | | | | | | | | | | | | | |
| | | - white & pink carb. vhs. mainly @ 20-30' ca. | | | | | | | | | | | | | | | |
| | | - no sulfide minerals, just mineral | | | | | | | | | | | | | | | |
| | | - matrix chloritized. | | | | | | | | | | | | | | | |
| | | - w/ clay alteration often in places | | | | | | | | | | | | | | | |

File: GEO2ND.PRN

GEOLOGICAL LOGGING FORM

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| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|-------|---|----------------------|-----|-----|------------|-------------|-----|------|-----|------|----|----|-----|------|------------------------|-------|
| | | | ROCK | GYP | SIL | BI- ACT | PKMA ACT | SER | CLAY | CHL | CARB | FL | MT | PY% | CP% | STK | OTHER |
| 159.8 | 221.8 | BLADED FELSIC PORPHYRY FLOW. | | | | | | | | | | | | | | | |
| | | - lithologically, unit is similar to that described from 4.58 - 75.2 | | | | | | | | | | | | | | | |
| | | 159.8 - 178.9:1 | 1623 | 4 | / | / | 0 | 2 | / | 2 | 3 | 0 | / | 4 | 1.25 | 2 | |
| | | - gypsum veining common, from few mm vth. to max. up to 2 cm; common CA's 40-60° | | | | | | | | | | | | | | | |
| | | - lesser cream-white carbonate; some pink carbonate vth. | | | | | | | | | | | | | | | |
| | | - rare quartz vth. | | | | | | | | | | | | | | | |
| | | - patchy zones of light green alteration, possibly chlorite + sericite. Locally this alteration style superimposed on 3° Bi which is present locally. | | | | | | | | | | | | | | | |
| | | - pyrite veins to several mm common @ low 4's to core axis (± 30°). | | | | | | | | | | | | | | | |
| | | 178.9 - 196.4: | 1623 | 2 | / | 2 | 0 | 1 | 0 | 2 | / | / | / | 4 | .25 | 1 | |
| | | - similar alteration style to above, but decrease in gyp + carbonate veining, decrease in light green alteration, still little quartz vth. | | | | | | | | | | | | | | | |
| | | - occasional fluorite vein noted - carbon minor con. | | | | | | | | | | | | | | | |
| | | - remains strong disc. | | | | | | | | | | | | | | | |
| | | 196.4 - 199: | 1623 | 3 | / | 0 | 0 | 2 | / | 3 | / | 0 | / | 4 | 1.25 | 0 Tr. H ₂ O | |
| | | - pale green cast to rock associated of chlorite shearing @ 20-30° on. Pale green cast due to chlorite-sericite pervasive, of some admixed clay. | | | | | | | | | | | | | | | |
| | | - increase in gyp veining | | | | | | | | | | | | | | | |
| | | - pyrite vms present. | | | | | | | | | | | | | | | |
| | | - Tr. H ₂ O on slicken. fract. | | | | | | | | | | | | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|-------|--|----------------------|-----|-----|-------|-------|-----|------|-----|------|----|----|-----|-----|-----|---------------------|
| | | | ROCK | GYP | SIL | BI-AL | FM-AL | SER | CLAY | CHL | CARB | FL | MT | PY% | CP% | STK | OTHER |
| | | <u>BLANK FELSIC PORPHYRY FLOW-CUT</u> | | | | | | | | | | | | | | | |
| | | 199-221.8: | 1623 | 2 | 1 | 2 | 1 | 1 | 0 | 2 | 1 | 1 | 4 | .25 | 1 | | |
| | | - similar alteration style to interval 178.9-196.6 | | | | | | | | | | | | | | | |
| | | - Ksp cov. on 3mm chlorite vlt. noted @ 217m | | | | | | | | | | | | | | | |
| | | - local silica flooding, but overall, silicification remains weak. | | | | | | | | | | | | | | | |
| | | - pyrite veins present; diss. remains strong, | | | | | | | | | | | | | | | |
| 221.8 | 282.6 | <u>ANDESITE</u> | | | | | | | | | | | | | | | |
| | | 221.8-247.0: | 1600 | 1 | 1 | 0 | 0 | 1 | 2 | 3 | 4 | 0 | 2 | 4 | .25 | 2 | epidote/c cov. vlt. |
| | | - generally fine grained to textureless, augite | | | | | | | | | | | | | | | |
| | | masses noted occasionally. Mod. greyish-green | | | | | | | | | | | | | | | |
| | | in colour, except where locally silicified | | | | | | | | | | | | | | | |
| | | it is pale green in colour due to pervasive | | | | | | | | | | | | | | | |
| | | clay-chlorite. | | | | | | | | | | | | | | | |
| | | - veining mainly cream-white carbonate & soft | | | | | | | | | | | | | | | |
| | | pink carbonate? (zeolite?) | | | | | | | | | | | | | | | |
| | | - Mt. diss. & occasional. w/ carb. vlt. | | | | | | | | | | | | | | | |
| | | - by vlt. & diss. | | | | | | | | | | | | | | | |
| | | - Gyp as occasional blebs in by vlt. & wk diss. | | | | | | | | | | | | | | | |
| | | - Epidote noted locally in cream carbonate vlt. | | | | | | | | | | | | | | | |
| | | 247.0-278.6: | 1600 | 1 | 2 | 0 | 1 | 1 | 1 | 2 | 2 | 0 | 2 | 4 | .25 | 1 | Tr. Mt. Hbl. |
| | | - similar to above, but less pale green cast | | | | | | | | | | | | | | | |
| | | present. | | | | | | | | | | | | | | | |
| | | - slight increase in silica as vlt. material associated | | | | | | | | | | | | | | | |
| | | w/ carbonate & Mt.; also minor quartz - Mt. vlt. | | | | | | | | | | | | | | | |
| | | - decrease in carb. veining. | | | | | | | | | | | | | | | |
| | | - traces of locally | | | | | | | | | | | | | | | |
| | | - Ksp cov. to carb. Mt. - Mt. vlt. locally. | | | | | | | | | | | | | | | |
| | | - Tr. Mt. Hbl. along road. | | | | | | | | | | | | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | | |
|------|----|--|----------------------|-----|-----|----|-------|-----|-----|-----|------|-----|------|----|-----|-----|-----|------|
| | | | ROCK | GYP | SIL | AL | FE/MG | ACT | ALT | SER | CLAY | CHL | CARB | FL | MT | PI% | CP% | STAC |
| | | ANDESITE - CONTINUED. | | | | | | | | | | | | | | | | |
| | | 282.55 | | | | | | | | | | | | | | | | |
| | | 278.6 - 282.55: | 100 | 1 | 1 | 0 | 0 | 0 | 3 | 2 | 3 | 0 | 2 | 3 | .25 | 2 | | |
| | | - pale greenish sand due to pervasive clay - | | | | | | | | | | | | | | | | |
| | | chlorite alteration - associated with shearing @ | | | | | | | | | | | | | | | | |
| | | 4-6' ca. | | | | | | | | | | | | | | | | |
| | | - moderate cream - white carb. veining. | | | | | | | | | | | | | | | | |
| | | END OF HOLE @ 282.55 meters | | | | | | | | | | | | | | | | |

GEOLOGICAL LOGGING FORM - HEADER PAGE

NORTH
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| DEPTH | DP | AZIMUTE | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | -90 | - | 10700.81 | 9297.24 | 1659.26 |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
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| DATA ENTRY | |
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| DATE | |
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| DATA CHECKING | |
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| DATE | |
| BY | |

| | |
|-----------------------|---------------|
| APPROX. NORTHING | 10700.81 |
| APPROX. EASTING | 9300 E. |
| ZONE | KEMESS NORTH |
| LOGGED BY | B.V. Bowen |
| DATE DRILLING STARTED | SEP 30/91 |
| DATE DRILLING ENDED | OCT 3 1991 |
| CORE SIZE | 10/10. |
| CASING IN HOLE | YES |
| TOTAL DEPTH | 270.35 METRES |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|-------|---|----------------------|-----|-----|-------|-------|-----|------|-----|------|----|----|-----|-----|-----|-----------------------|
| | | | ROCK | GYP | SIL | BI-AL | WIPAC | 5ER | CLAY | CHL | CARB | FL | MT | PI% | CP% | STR | OTHER |
| 0 | 8.23 | OVER-BURNED | 0000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8.23 | 12.19 | CONG. | 0100 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 12.19 | 18.28 | BLADED FELDSPAR PORPHYRY | 1623 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 2 | 0.1 | 0 | |
| | | Unit is characterized by conspicuous feldspar phenocrysts, 1-3 mm by up to 15 cm, comprising 20-30% of rock. Set in fine grained med-dr greyish green calcified groundmass. Some phenocrysts are zoned & groundmass med. chloritized. | | | | | | | | | | | | | | | |
| | | 18.18-18.28: Intense clay-chlorite (pyrite) gouge @ contact w/ 1800 unit below. | | | | | | | | | | | | | | | |
| | | - little in the way of oxidized hematite present (probably truncated from 8.23-12.19) | | | | | | | | | | | | | | | |
| | | - most of the core intensely broken; minor gouge zones present. | | | | | | | | | | | | | | | |
| | | - 14 diss. & fract. | | | | | | | | | | | | | | | |
| | | - Th. Gyp or " | | | | | | | | | | | | | | | |
| 18.28 | 21.33 | ANISITE | | | | | | | | | | | | | | | |
| | | Bladed feldspar porphyry texture no longer present. | 1600 | 1 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 3 | 0.1 | 0 | Chlorite Core/lite |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|------|--|----------------------|-----|-----|-------|----------|-----|------|-----|------|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | B-ALT | FORM-ALT | SER | CLAY | CHL | CARB | FL | MT | PT% | CP% | STK | OTHER |
| | | <u>ANDESITE - CONT.</u> | | | | | | | | | | | | | | | |
| | | - textures vague to fine grained granular. | | | | | | | | | | | | | | | |
| | | - unit is med. - dk. green in colour | | | | | | | | | | | | | | | |
| | | - trace gypsum U.I. | | | | | | | | | | | | | | | |
| | | - by diss & fract; minor calcite & quartz in hand. | | | | | | | | | | | | | | | |
| 21.33 | 24.4 | <u>NO GAS - 0% RECOVERY</u> | 0200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24.4 | 53.3 | <u>TRIL. CANES</u> | 0100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53.3 | 53.5 | <u>ANDESITE</u> | 1400 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 3 | 0.1 | 0 | 0 |
| | | - as per 18.28 - 21.33, except no gas being not calcite/quartz noted. | | | | | | | | | | | | | | | |
| 53.5 | 54.4 | <u>WARRIATIC SYENITE DIKE</u> | 6400 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | - See description for larger syenite dike below. | | | | | | | | | | | | | | | |
| | | - contacts not observed because of Haken Cape. | | | | | | | | | | | | | | | |
| | | - just mineral | | | | | | | | | | | | | | | |
| 54.4 | 62.5 | <u>ANDESITE</u> | 1600 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 |
| | | - as per 53.3 - 53.5 | | | | | | | | | | | | | | | |
| | | - no gas noted. | | | | | | | | | | | | | | | |
| 62.5 | 95.0 | <u>TRIL. CANES</u> | 0100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|------|------|--|----------------------|-----|-----|---------------|-----|-----|------|-----|------|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI-KEM ACT | ALF | SER | CLAY | CHL | CARB | FL | MT | PYZ | CPZ | STC | OTHER |
| 75.0 | 76.8 | ANESITE | 1600 | 4 | 2 | 0 | 0 | 1 | 1 | 3 | 2 | 0 | 2 | 3 | 25 | 3 | |
| | | - lithologically, similar to 52.5 - 52.6. | | | | | | | | | | | | | | | |
| | | - gypsum veining dominant; lesser quartz, quartzite and pink zeolite veining. | | | | | | | | | | | | | | | |
| | | - pervasive chlorite. | | | | | | | | | | | | | | | |
| | | - minor epidote associated w/ qtz. | | | | | | | | | | | | | | | |
| | | - by diss. vlt. & in gypsum & qtz veins. | | | | | | | | | | | | | | | |
| | | - qtz in qtz & gypsum vns, usually associated w/ py - mt. | | | | | | | | | | | | | | | |
| 76.8 | 79.1 | PORPHYRITIC GRANITE DIKE | 6412 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | |
| | | - See description for larger granite dike below. | | | | | | | | | | | | | | | |
| | | - lower contact @ 60' & marked by 2-3 cm chlorite gouge. | | | | | | | | | | | | | | | |
| | | - no sulphides | | | | | | | | | | | | | | | |
| 79.1 | 80.1 | ANESITE | 1600 | 1 | 1 | 0 | 0 | 1 | 3 | 3 | 2 | 0 | 1 | 3 | 25 | 0 | |
| | | - lithologically, similar to 52.5 - 52.6. | | | | | | | | | | | | | | | |
| | | - minor pink zeolite, cream carb. & qtz. veining | | | | | | | | | | | | | | | |
| | | 79.9 - 80.1: 0.2 m fault zone w/ fangs py & py on material in stt. chl-clay gouge. | | | | | | | | | | | | | | | |
| 80.1 | 97.0 | PORPHYRITIC GRANITE DIKE | 6412 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | |
| | | Unit is characterized by .5 x 3mm subhedral feldspar phenos set in a fine grained groundmass that when fresh is pinkish in color. Locally towards contacts, groundmass is green in color, in part due to chlorite but may also be contamination from wallrock. | | | | | | | | | | | | | | | |

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|------|-------|---|----------------------|-----|-----|--------|----------|-----|------|-----|------|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI-ALT | GRMA-ALT | SER | CLAY | CHL | CARB | FL | MT | PI% | CP% | STK | OTHER |
| | | LEUCYCLIC SYENITE DIKE - CONT'D. | | | | | | | | | | | | | | | |
| | | - unit is cut by pink zeolite and cinnabar veins. | | | | | | | | | | | | | | | |
| | | vt's. Also locally minor H ₂ O, vt's. | | | | | | | | | | | | | | | |
| | | - 15% chloritized matrix | | | | | | | | | | | | | | | |
| | | - mod. clay alteration added feldspar plinos & in groundmass locally | | | | | | | | | | | | | | | |
| | | - unit is unmineralized. | | | | | | | | | | | | | | | |
| | | - upper corner is chlorite gouge @ 50' ca; | | | | | | | | | | | | | | | |
| | | lower corner veils 30' ca. | | | | | | | | | | | | | | | |
| 97.0 | 130.3 | ANDESITE | | | | | | | | | | | | | | | |
| | | - textures variable & include augite porphyry. | | | | | | | | | | | | | | | |
| | | (most common) fine grained andesite & fine Mt. | | | | | | | | | | | | | | | |
| | | with lath-like andesite. Near lower corner, vague coarse pyroclastic textures noted occasionally. | | | | | | | | | | | | | | | |
| | | 97.0 - 111.0: | 1600 | 4 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 3 | 3 | 5 | 3 | |
| | | - abundant gypsum veining, lesser carb & quartz vt's. | | | | | | | | | | | | | | | |
| | | - medium to dk. gray color due to par. chl. alteration | | | | | | | | | | | | | | | |
| | | - Mt & Py commonly associated with gypsum & quartz vt's. Minor Chl. associated with Mt-Py. | | | | | | | | | | | | | | | |
| | | - Gyp also diss locally | | | | | | | | | | | | | | | |
| | | - Sericite locally on fract. | | | | | | | | | | | | | | | |
| | | 111.0 - 130.3: | 1600 | 1 | 2 | 0 | 1 | 1 | 1 | 4 | 1 | 1 | 3 | 2 | 5 | 1 | |
| | | - marked decrease in gypsum veining | | | | | | | | | | | | | | | |
| | | - increase in qtz, gfo - Mt vt's. Some 2° Ksp associated. | | | | | | | | | | | | | | | |
| | | - minor white carb. vt's. | | | | | | | | | | | | | | | |
| | | - pervasive chlorite alteration associated with numerous minor chlorite (w/ minor clay component) fract. & fault zones @ 10' - 60' ca, 30' - 90' ca dominant. | | | | | | | | | | | | | | | |

file: GROUND.PEN

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|--------|--|----------------------|-----|-----|--------|---------|-----|------|-----|------|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI-ALT | KSM-ALT | SER | CLAY | CNL | CARB | FL | MT | PI% | CP% | STK | OTHER |
| | | <u>ANDESITE - Gnl</u> | | | | | | | | | | | | | | | |
| | | 110.0 - 139.3 (cont'd): | | | | | | | | | | | | | | | |
| | | - Mt. of Qtz and ss discrete veins. | | | | | | | | | | | | | | | |
| | | - GY mix common than before, mainly in veins in association with pyrite & Mt. | | | | | | | | | | | | | | | |
| | | - Fluorite noted very locally as fract. filling. | | | | | | | | | | | | | | | |
| 139.3 | 220.35 | <u>ANDESITE FRAGMENTAL UNIT</u> | | | | | | | | | | | | | | | |
| | | Relatively coarse fragmental unit of fragments commonly in the few cm to 10 cm size range. - Holocrystic w/ common fine types of mag. bathynitic andesite & fine grained andesite. | | | | | | | | | | | | | | | |
| | | 139.3 - 217.75: | 1611 | 1 | 2 | 0 | 1 | 1 | 2 | 3 | 3 | 0 | 3 | 3 | -5 | 3 | |
| | | - Mt. & lighter green in color, the latter common in zones where clay admixed with ss. chl. | | | | | | | | | | | | | | | |
| | | - slight decrease in quartz veining. local 15µm cavol. | | | | | | | | | | | | | | | |
| | | - noticeable increase in clean carbonate & pink zeolite veining. Tr. Epidote also locally. | | | | | | | | | | | | | | | |
| | | - Mt. assoc. of Qtz & carbonate veins and as separate veins. | | | | | | | | | | | | | | | |
| | | - local py-mt veins to 1 cm. Minor GY ass's. | | | | | | | | | | | | | | | |
| | | - also minor GY diss. | | | | | | | | | | | | | | | |
| | | 217.75 - 222.8: | 1611 | 1 | 1 | 0 | 0 | 1 | 2 | 4 | 3 | 0 | 2 | = | 4.5 | 1 | |
| | | - zone of broken cobbles & minor gouge ass's of chloritic shalying. Irreg. carb. veining common in zones of more intense shalying. pervasive clay locally. Common shear & = 20° C. decrease in pink zeolite. Minor Qtz vein, fragmental detritus zone. | | | | | | | | | | | | | | | |

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|------|----|---|----------------------|-----|-----|------------|-------------|-----|------|-----|-----|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI- ACT | K2Mg ACT | SER | CLAY | CHL | CMB | FL | MT | PI% | CP% | STK | |
| | | <u>AMPHIBOLE FIACHENTAL UNIT - CONT''</u> | | | | | | | | | | | | | | | |
| | | 222.8 - 234.4: | | | | | | | | | | | | | | | |
| | | - Similar to 139.3 - 217.75, except no 2° kspat nor epidote noted. | 1611 | 1 | 2 | 0 | 0 | 1 | 2 | 3 | 3 | 0 | 2 | 3 | 25 | 2 | |
| | | 234.4 - 244.5: | 1611 | 0 | 2 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 3 | 2 | 6 | 2 | |
| | | - decrease in carb - pink zeolite v. obs. - slight increase in Qtz & Plg - no veining. - decrease in clay - chlorite. - minor kspat envelope on Plg vtz. | | | | | | | | | | | | | | | |
| | | 244.5 - 256.6: | 1611 | 1 | 2 | 0 | 0 | 1 | 2 | 3 | 3 | 0 | 3 | 2 | 5 | 4 | |
| | | - Similar to 222.8 - 234.4 | | | | | | | | | | | | | | | |
| | | 256.6 - 270.35: | | | | | | | | | | | | | | | |
| | | Similar to 274.2 - 280.5, w/ local blk. carb to red. (probably 2° Bt). Also Tr. fluorite or fluor. | 1611 | 0 | 3 | 1 | 1 | 1 | 0 | 2 | 1 | 1 | 3 | 2 | 0.6 | 2 | |
| | | E.O.U. @ 270.35 METERS | | | | | | | | | | | | | | | |

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| DEPTH | DIP | AZIMUTE | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | -90 | - | 10701.20 | 0399.50 | 1672.01 |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |

| DATA ENTRY | |
|------------|--|
| DATE | |
| BY | |

| DATA CHECKING | |
|---------------|--|
| DATE | |
| BY | |

| | |
|-----------------------|---------------|
| APPROX. NORTHING | 10700N |
| APPROX. EASTING | 9400E. |
| ZONE | KEMESS NORTH |
| LOGGED BY | B.K. Bowen |
| DATE DRILLING STARTED | OCT. 3/91 |
| DATE DRILLING ENDED | OCT 5/91 |
| CORE SIZE | NH/NR. |
| CASING IN HOLE | YES |
| TOTAL DEPTH | 276.45 METRES |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|-------|---|----------------------|-----|-----|-------------|---------------|-----|------|-----|-----|----|----|----|-----|-----|---|
| | | | ROCK | GYP | SIL | BI- ALIT | WIPPA ALIT | SER | CLAY | CHL | GAB | FL | MT | W% | CP% | STR | OTHER |
| 0 | 15.24 | OVERSAMPLING | 0000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15.24 | 21.34 | BLAISED RECSMAL FORMITZ | | | | | | | | | | | | | | | |
| | | Unit is characterized by conspicuous felsic phenos 3mm by up to 1.5 cm comprising 20-30% of rock set in fine-grained and to dk. grayish-green coloured groundmass. Felsic phenos relatively fresh, groundmass mod. chloritized. | | | | | | | | | | | | | | | |
| | | - oxidized fractures down to 19.0 metres. | | | | | | | | | | | | | | | |
| | | 15.24-19.0: | 1623 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 0.1 | 0 | 0 - Fe oxides |
| | | - rock is relatively solid for this depth and the hole; minor gouge component still present. | | | | | | | | | | | | | | | |
| | | - minor quartz veinage present. | | | | | | | | | | | | | | | |
| | | 19.0-21.34: | 1423 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | - Hematite - bright off/lt green mineral (=?) |
| | | - rock intensely broken, ~50% gouge component | | | | | | | | | | | | | | | |
| | | - strong chlorite lenses clay - pyrite | | | | | | | | | | | | | | | |
| | | - white lam. & bright white green mineral (=?) at base. | | | | | | | | | | | | | | | |
| 21.34 | 22.00 | NO CORE - 0% RECOVERY | 0200 | - | - | - | - | - | - | - | - | - | - | - | - | - | |

file: GEOHEAD.PRN

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | OTHER | |
|------|-------|---|----------------------|-----|-----|----|------|-----|------|-----|------|----|----|-----|-----|-------|----------------------------------|
| | | | ROCK | GYP | SIL | BI | FSMA | SER | CLAY | CHL | CARB | FL | MT | PY% | CP% | | STR |
| 21.9 | 33.5 | SEALED 180500 L 102 MTR | 1623 | 0 | 1 | 0 | 0 | 1 | 2 | 4 | 0 | 0 | 1 | 2 | 0 | 0 | -TR H ₂ O |
| | | - as for 17.0 - 21.3 | | | | | | | | | | | | | | | - H ₂ O |
| | | - mineral grains by using both intact & crushed | | | | | | | | | | | | | | | - H ₂ O green mineral |
| | | - grains of crushed quartzite sand up to a few cm across. | | | | | | | | | | | | | | | |
| | | - locally black coating on py - loss. chlorite. | | | | | | | | | | | | | | | |
| | | - Tr. H ₂ O in H ₂ O - by vein. | | | | | | | | | | | | | | | |
| | | - bright visible green mineral (= ?) present locally | | | | | | | | | | | | | | | |
| | | - py diss. fract. & in H ₂ O vns. | | | | | | | | | | | | | | | |
| | | - mineral separate crystals on quartz vns. | | | | | | | | | | | | | | | |
| 33.5 | 166.1 | ANDSITSE | | | | | | | | | | | | | | | |
| | | Bladed to the periphery texture no longer present. | | | | | | | | | | | | | | | |
| | | Textures vague to fine grained granular. Locally angular phenocrysts prominent. Unit is med. dk. tan. | | | | | | | | | | | | | | | |
| | | in colour, locally lighter cast in more gangue zones where there is increased chlorite & clay alteration. | | | | | | | | | | | | | | | |
| | | 33.5 - 66.8 m: | 1600 | 1 | 1 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 2 | 2 | 25 | 0 | |
| | | - mineral quartz & gypsum using. | | | | | | | | | | | | | | | |
| | | - py diss. fract. & fract. | | | | | | | | | | | | | | | |
| | | - Gyp on fract. | | | | | | | | | | | | | | | |
| | | - minor int. vfr. | | | | | | | | | | | | | | | |
| | | - take intensely broken until top of solid rock at 66.8 m. | | | | | | | | | | | | | | | |
| | | 66.8 - 81.4: | 1600 | 4 | 2 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 50 | 4 | |
| | | - gypsum veining predominates, - w/ veinlets common in the 5-7 m width range | | | | | | | | | | | | | | | |
| | | - lesser quartz, quartz - int. and oxym carb using | | | | | | | | | | | | | | | |

| | | | COMPUTER LOG SECTION | | | | | | | | | | | | | | | |
|------|----|---|----------------------|-----|-----|------------|-------------|-----|------|-----|------|----|----|-----|-----|-----|-------|-----------------------------|
| FROM | TO | DESCRIPTION | ROCK | GYP | SIL | BI- ACT | PSMA ACT | SER | CLAY | CHL | CARB | FL | MT | PKZ | CPZ | STK | OTHER | |
| | | ANIES. TB - CONC. " | | | | | | | | | | | | | | | | |
| | | 46.8-81.4 (Cont'd): - patchy 3" Biotite occurs locally | | | | | | | | | | | | | | | | |
| | | 81.4-90.6: - similar to 66.8-81.4, except decrease in gyp. vhs. & irreg. hairline carb. vhs. common. | 1600 | 3 | 2 | 0 | 0 | 1 | 0 | 2 | 3 | 0 | 2 | 3 | | .60 | 3 | |
| | | 90.6-95.6: - decrease in carb. veining; gypsum & quartz remain about the same in intensity. - slight increase in quartz & quartz - hd. veining. | 1600 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 2 | 3 | | .5 | 2 | Moist @ 95.6 to 95.6. |
| | | 95.6-97.8: - 15' occurrence of Fluorite as discrete veins up to a few cm @ 20-20' @; also w/ Bz vns. - otherwise similar to 90.6-95.6 | 1600 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 2 | 2 | | .6 | 2 | |
| | | 97.8-103.7: - irreg. hairline carbonate veinlets return; at separate localities carb. veinlets both cut and are cut by gyp vhs. Also, carb. veinlets cut Fluorite veins - Fluorite veining remains strong. - locally chloritic patches | 1600 | 2 | 2 | 0 | 0 | 1 | 0 | 3 | 3 | 4 | 3 | 3 | | .5 | 3 | |
| | | 103.7-109.7: - gyp veining shifts to decrease w/ outstaying slight increase in Bz and Bz - hd. veining. - Carb and Fluorite veining persists as per above interval. Common vein to the carb. is 2-40' cr. - @ 107.5 m, 15 cm Fluorite - gyp vein @ 25' cr. w/ mud by - gyp - chl. | 1600 | 1 | 2 | 1 | 0 | 1 | 0 | 2 | 3 | 4 | 3 | 3 | | .5 | 3 | |

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| | | COMPUTER LOG SECTION | | | | | | | | | | | | | | | |
|------|---------------|--|------|-----|-----|------------|------------|-----|------|-----|------|----|----|-----|-----|-----|---|
| FROM | TO | DESCRIPTION | ROCK | GYP | SIL | BI- ALT | KEM ALT | SER | CLAY | CHL | CARB | FL | MT | PY% | CP% | STR | OTHER |
| | | ANDESITE - SUPT. 10. | | | | | | | | | | | | | | | |
| | 109.2 - 119.1 | - again, decrease in carb veins, otherwise veining remains similar to above. - locally pervasive silification w/ poss. some sericite (?) - minor klap. envelop. on Qtz. Fluorite veins. - common in CA to H ₂ O-H & pl. is 2-40' Ca. | 1600 | 1 | 3 | 1 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 3 | <.5 | 2 | |
| | 119.1 - 141.6 | - similar to 103.2 - 109.2 w/ return of carb. veining | 1600 | 1 | 3 | 0 | 1 | 1 | 0 | 2 | 3 | 3 | 2 | 3 | <.5 | 3 | |
| | 141.6 - 155.2 | - carb. veining decreases. - common veining includes fluorite, quartz, fluorite w/ lesser quartz - magnetite and carbonate. - patches of 2' Si. common. - pale green sericite envelopes on many fluorite veins. - klap. envelopes locally. - sericite post-dates 2' Si. - H ₂ O locally abundant. | 1600 | 1 | 3 | 2 | 1 | 2 | 0 | 1 | 1 | 3 | 2 | 3 | .5 | 3 | H ₂ O ⁺ locally. |
| | 155.2 - 162.8 | - numerous gyl. vhs @ 70' Ca. and other L's. - minor carb. veining. - patches of 2' Si. but weaker than above. - quartz veining ab. - absent. | 1600 | 4 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 1 | 1 | 3 | <.5 | 4 | |
| | 162.8 - 185.1 | - zone of chloritic slip @ 20-50' Ca. w/ associated increase in clean carb. veining (& pink quartz). - spec. chlorite w/ possible minor clay component locally. | 1600 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 2 | 1 | 2 | 3 | <.5 | 2 | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|-------|--|----------------------|-----|-----|--------|----------|-----|------|-----|-----|----|----|-----|-----|-----|-----------------------|
| | | | ROCK | GYP | SIL | BI-ALT | FSMA-ALT | SER | CLAY | CHL | CMB | FL | MT | PK% | CP% | STK | OTHER |
| | | ANESITE - GNF ¹⁰ | | | | | | | | | | | | | | | |
| | | 162.8 - 165.1 (cont. 2): - minor gfs & quartz vns locally | | | | | | | | | | | | | | | |
| 165.1 | 276.5 | ANESITIC FRAGMENTAL UNIT | | | | | | | | | | | | | | | |
| | | Relatively coarse pyroclastic unit of frags Commonly in the few cm to 10 cm size range. Heterolithic of common frag. types of andesite, porphyritic and fine grained andesite. | | | | | | | | | | | | | | | |
| | | 165.1 - 172.9: - as for 162.8 - 165.1 | 16H | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 2 | 1 | 2 | 3 | 15 | 2 | |
| | | 172.9 - 180.6: - gfs vns being predominant matrix - locally 20 B; locally - lesser gfs, gfs - fluorite and fluorite vns - local calc. vns - lesser as cavities - Tr. Ep. locally - " Ms - Gf in gfs & fluorite vns as occasional flats; -ls - locally diss. | 16H | 3 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 2 | 2 | 4 | 15 | 3 | - Tr. Ep. - Tr. Ms |
| | | 180.6 - 212.0: - generally a zone of weak veining consisting - mainly of quartz, quartz-carbonate and lesser - calc. & gfs vns - Ms. locally ass of vns - Fluorite vns locally | 16H | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 15 | 1 | - Tr. Ms |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|------|----|--|----------------------|-----|-----|------------|-------------|-----|------|-----|-----|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI- ALT | REMA ALT | SER | CLAY | CHL | CMB | FL | MT | PI% | CP% | STA | OTHER |
| | | ANESITIC FRAGMENTAL UNIT - CONT. 1. | | | | | | | | | | | | | | | |
| | | 184.6-212.0 (Cont. 2): | | | | | | | | | | | | | | | |
| | | - Tr. Epidote in carb. - Mt. v. | | | | | | | | | | | | | | | |
| | | - lg diss. frond & in veins | | | | | | | | | | | | | | | |
| | | - minor Mt. in gl. vns towards bottom of interval | | | | | | | | | | | | | | | |
| | | - Gyp in gl. vns & diss. locally | | | | | | | | | | | | | | | |
| | | 212.0-240.8: | 16 | 11 | 0 | 2 | 0 | 0 | 1 | 1 | 3 | 3 | 0 | 3 | 2 | .6 | 2 |
| | | - similar to 184.6-212.0, except increase in white & clean carb. vng. assoc. w/ chloritic slits @ 20-45' ca. | | | | | | | | | | | | | | | |
| | | - other veins present include gtz, quartz - Mt | | | | | | | | | | | | | | | |
| | | - will look to chloritic slits & shales are prev. chloritized w/ minor clay content. | | | | | | | | | | | | | | | |
| | | - Hbby Gyp assoc. w/ Mt, Mt-Mt & Mt-carb. vng. | | | | | | | | | | | | | | | |
| | | 240.8-269.5: | 14 | 11 | ? | 1 | 3 | 2 | 0 | 1 | 0 | 2 | 1 | 3 | 3 | 2 | .7 |
| | | - decrease in carb. vng. increase in Mt, Mt-Mt & fluorite veins; minor gypsum vth present | | | | | | | | | | | | | | | |
| | | - locally thick carb. to rock → 2" Bi of some admixed chlorite | | | | | | | | | | | | | | | |
| | | - textures unique due to prev. alter. Locally vague fragmental texture apparent. | | | | | | | | | | | | | | | |
| | | - minor Ep in carb. & Mt vth. | | | | | | | | | | | | | | | |
| | | - Hbby Gyp common in veins; also minor diss. Gyp. | | | | | | | | | | | | | | | |
| | | - Mt & diss. | | | | | | | | | | | | | | | |
| | | 269.5-276.45: | 16 | 11 | ? | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 3 | 0 | 2 | 2 | .7 |
| | | - similar to 212.0-240.8, w/ a few chloritic slits @ 30-40' ca. | | | | | | | | | | | | | | | |
| | | - minor Epidote assoc. of carb. vng. | | | | | | | | | | | | | | | |

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| DEPTH | DIP | AZIMUTH | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | | | | | 1687.63 |
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| DATA CHECKING | |
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|-----------------------|---------------|
| APPROX. NORTHING | 9 000 N |
| APPROX. EASTING | 1300 E. |
| ZONE | |
| LOGGED BY | E. V. SOWAN |
| DATE DRILLING STARTED | 25 6/81 |
| DATE DRILLING ENDED | 25 6/81 |
| CORE SIZE | 40/40 |
| CASING IN HOLE | 47 |
| TOTAL DEPTH | 390.8 METRES. |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|-------|-------|--|----------------------|-----|-----|---------|------|-----|------|-----|------|----|----|-----|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI-ALTS | ALTS | SER | CLAY | CHL | CARB | FL | MT | PI% | CP% | STR | OTHER |
| 0 | 3.04 | OVERBURDEN | 0000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.04 | 10.66 | FLASHY FELSIC ROCK | 1623 | 0 | 1 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| | | Unit is characterized by conspicuous feldspar phenos, 2-8 mm by up to 15 cm comprising 20-30% of rock, set in the grained med. cte greyish green altered groundmass. Fsp phenos mod. argillized and groundmass mod. chloritized. | | | | | | | | | | | | | | | |
| | | - oxidized fractures down to 12-13 m. | | | | | | | | | | | | | | | |
| | | - Gte relatively solid, although from 9.12 to 10.66, it is soft & somewhat ganguey. | | | | | | | | | | | | | | | |
| | | - py abs. | | | | | | | | | | | | | | | |
| | | - minor vuggy alb etc. | | | | | | | | | | | | | | | |
| 10.66 | 15.5 | ANDESITE | 1500 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 4 | 0 | 0 | 0 |
| | | - fine to medium grained, granular, medium greyish green in colour | | | | | | | | | | | | | | | |
| | | - coarse feldspar lathes occur locally | | | | | | | | | | | | | | | |
| | | - mod. pervasive chlorite. | | | | | | | | | | | | | | | |
| | | - gypsum vuggy locally | | | | | | | | | | | | | | | |
| | | - Gte relatively solid to 12.12, past which it is badly broken up about 30% glass component. | | | | | | | | | | | | | | | |

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|------|-------|--|----------------------|-----|-----|------------|------------|-----|------|-----|------|----|----|-----|------|-----|-------|
| | | | ROCK | GYP | SIL | SI- ACT | AL- ACT | SER | CLAY | CHL | CARB | FL | MT | PI% | CP% | STK | OTHER |
| 61.0 | 160.6 | ANISITE | | | | | | | | | | | | | | | |
| | | 61.0 - 96.6: | 1600 | 1 | 1 | 0 | 0 | 1 | 1 | 4 | 0 | 0 | 2 | 3 | 1.5 | 0 | |
| | | - generally dark greyish-grey, med- to fine grained. | | | | | | | | | | | | | | | |
| | | - badly broken up as to about 50% gonge | | | | | | | | | | | | | | | |
| | | compacted locally. Solid sections commonly show | | | | | | | | | | | | | | | |
| | | distinct fissility or parting direction at about | | | | | | | | | | | | | | | |
| | | 70-80° CA. | | | | | | | | | | | | | | | |
| | | - a few narrow zones of H ₂ O-syrite "sand" gonge | | | | | | | | | | | | | | | |
| | | up to a few cm. | | | | | | | | | | | | | | | |
| | | - minor chalcocite, H ₂ O-covellite locally. | | | | | | | | | | | | | | | |
| | | - Gp. diss. & fracture | | | | | | | | | | | | | | | |
| | | 96.6 - 113.2: | 1600 | 2 | 1 | 0 | 0 | 2 | 1 | 2 | 2 | 0 | 3 | 4 | 1.25 | 1 | |
| | | - note that this is solid rock @ 96.6 | | | | | | | | | | | | | | | |
| | | - texture varies from fine grained textureless, to | | | | | | | | | | | | | | | |
| | | locally porphyritic (fine plagioclase), to augite | | | | | | | | | | | | | | | |
| | | porphyritic (common) | | | | | | | | | | | | | | | |
| | | - medium gr. in colour, wh. chloritized; not well | | | | | | | | | | | | | | | |
| | | veined. → occasionally of sericitic envelopes. | | | | | | | | | | | | | | | |
| | | - vein types include gypsum, carb. & much less Qtz. | | | | | | | | | | | | | | | |
| | | - H ₂ O & Py commonly associated w/ gypsum veining | | | | | | | | | | | | | | | |
| | | - Py commonly as irreg. blebs up to 1cm across; H ₂ O | | | | | | | | | | | | | | | |
| | | commonly assoc.; also by fine grained diss. | | | | | | | | | | | | | | | |
| | | - Cu as occasional occ. bls. usually assoc. w/ | | | | | | | | | | | | | | | |
| | | H ₂ O; also some fine diss. Cu. | | | | | | | | | | | | | | | |
| | | 113.2 - 133.5: | 1600 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 3 | 3 | 3 | 1.25 | 2 | |
| | | - fine grained textureless and augite porphyritic | | | | | | | | | | | | | | | |
| | | varieties most common - quite hard in places. | | | | | | | | | | | | | | | |
| | | - locally appears hornfelsed. | | | | | | | | | | | | | | | |
| | | - Fluorite occurring in mod. amounts. | | | | | | | | | | | | | | | |
| | | - Py-H ₂ O veins, 15-40° CA; a few mm up to 1-2 cm. | | | | | | | | | | | | | | | |

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|------|---------------|---|----------------------|-----|-----|--------|----------|-----|------|-----|------|----|----|-----|------|-----|-------|
| | | | ROCK | GYP | SIL | BI-ALT | MSMA-ALT | SER | CLAY | CHL | CARB | FL | MT | PI% | CP% | STK | OTHER |
| | | ANAR... E. ... | | | | | | | | | | | | | | | |
| | | Common feature of this interval. - wk to mod. veining gypsum, carb. and lesser gls. - Pt (w/ tet) remains highly; also diss. & on fract. | | | | | | | | | | | | | | | |
| | 135.5 - 144.0 | - Sim. to above w/ addition of mod. iron carb. veining associated of brecciated fault zone from 135.5 - 135.9. Latter interval consists of fgs. and s. in matrix of fine-grained calcite and chlorite. | 1600 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 3 | 2 | 3 | 3 | 0.25 | 2 | |
| | 144.0 - 147.8 | - Sim. to 135.5 - 135.9 | 1600 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 2 | 3 | 3 | 0.25 | 2 | |
| | 147.8 - 150.1 | - 1st appearance of black casting to rock (= 2-B) associated w/ mod. fluorite veining and wk-lc. mod. Qtz and gls-tet. veining. minor carb. & gypsum vltg. - No. line by hand. Allings common. - poss. kernal encl. on Fluorite vltg. | 1600 | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 3 | 0.25 | 2 | |
| | 150.1 - 160.6 | - Similar to 144.0 - 147.8; possibly a little more Qtz + carb. veining. - @ 158.2: 0.3m wide Qtz - Fluorite on @ S6 - @ 158.3: 0.1m brecciated fault @ 30° CA w/ calc. matrix. (sim. to 135.3 - 135.9 m.) | 1600 | 1 | 2 | 0 | 0 | 1 | 0 | 2 | 2 | 3 | 3 | 3 | 0.25 | 2 | |

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|-------|-------|---|----------------------|-----|-----|-------|---------|-----|------|-----|-----|----|----|-----|-----|-----|------------------|
| | | | ROCK | GYP | SIL | BI-AL | W-SM-AL | SER | CLAY | CHL | CMB | FL | MT | PY% | CP% | STK | OTHER |
| 160.6 | 322.7 | INTRUSIVE FRAGMENTAL UNIT | | | | | | | | | | | | | | | |
| | | Relatively coarse pyroclastic unit of flows commonly in the low cm to 10 cm dia. range. Holoclastic in nature. Common frag. type of augite basaltic & fine grained andesite. Textures generally tend to be vague due to alteration. | | | | | | | | | | | | | | | |
| | | 160.6 - 181.5: | 16H | 1 | 2 | 1 | 1 | 1 | 0 | 2 | 2 | 3 | 3 | 3 | 50 | 1 | MoS ₂ |
| | | - Similar to 150.1 - 160.6 | | | | | | | | | | | | | | | |
| | | - locally patchy 2: Bi | | | | | | | | | | | | | | | |
| | | - minor ser. or quartz to Fl veins and along fract. of host line 3H | | | | | | | | | | | | | | | |
| | | - @ 170.7: 2 cm lvspr in cuts 100 fluid's vein. | | | | | | | | | | | | | | | |
| | | - Minor MoS ₂ locally in Mo. vns. | | | | | | | | | | | | | | | |
| | | 181.5 - 194.0: | 16H | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 4 | 3 | 4 | 50 | 2 | |
| | | - Similar to above, but Al ₂ content increases, calc. decreases & Fluorite laminae strong | | | | | | | | | | | | | | | |
| | | - patchy 2: Bi becomes stronger towards bottom of interval. | | | | | | | | | | | | | | | |
| | | - Common vein 2: S for Al ₂ - Fluorite 20°-30° C, but flatbed 2: S (in the 40-60° C range) - Mo Mesand. | | | | | | | | | | | | | | | |
| | | - 15 spot evaluates to Mo 2 Fluorine vns locally | | | | | | | | | | | | | | | |
| | | 194.0 - 208.5: | 16H | 1 | 2 | 4 | 1 | 1 | 0 | 2 | 1 | 4 | 3 | 4 | 60 | 2 | |
| | | - Black color of the rock becomes prominent → mid-stone part 2: Bi | | | | | | | | | | | | | | | |
| | | - Veining with mod and consists of, in decreasing order of abundance: Fluorite, Mo - Fluorite, Al ₂ - Mo, and Carbonate | | | | | | | | | | | | | | | |
| | | - 47 as 6:1 in Al ₂ & Fluorite veins, in fract. & fine diss. locally. | | | | | | | | | | | | | | | |

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|------|----|---|----------------------|-----|-----|------------|------------|-----|------|-----|------|----|----|------|-----|-----|-------|
| | | | ROCK | GYP | SIL | BI- ALT | KA- ALT | SER | CLAY | CHL | CARB | FL | MT | PK% | CP% | STK | OTHER |
| | | ANISOTROPIC THERMAL UNIT - 2015 | | | | | | | | | | | | | | | |
| | | 208.5 - 230.1: | 16H | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 3.6 | 2 | | |
| | | - Decrease in intensity of 2° Si; still strong locally but intermissives of zone where rock is less altered and fragmental texture more obvious. | | | | | | | | | | | | | | | |
| | | - slight increase in D_{H_2} relative to Fluorite, many of the D_{H_2} & Fluorite veins are subparallel (up to 20° CA) or parallel to core axis. | | | | | | | | | | | | | | | |
| | | - this interval includes zone of weak ill-carb. shearing @ 0-20° CA from 212.0 to 213.9 m. Gyp veining also assoc. L. | | | | | | | | | | | | | | | |
| | | - Gyp lubby in D_{H_2} & Fluorite vns & loc. diss. | | | | | | | | | | | | | | | |
| | | 230.1 - 250.5: | 16H | 1 | 2 | 4 | 1 | 1 | 0 | 2 | 1 | 4 | 3 | 3.75 | 2 | MSL | |
| | | - mod. to strong 2° Si infus as per interval D_{H_2} - 208.5 m. Veining also similar. | | | | | | | | | | | | | | | |
| | | @ 240.8: 0.2 m Fluorite - (D_{H_2}) vs. @ 40° CA w/ 0.2 m alteration envelope either side of Fluorite - D_{H_2} (Kspn) at minor diss. Gyp. MSL in D_{H_2} was locally | | | | | | | | | | | | | | | |
| | | 250.5 - 270.5: | 16H | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 3 | 3 | 3.9 | 2 | | |
| | | - similar to immediately above except 2° Si again patchy; otherwise veining and brittle Ca mineralization remain the same. | | | | | | | | | | | | | | | |
| | | @ 262.8: 0.2 m D_{H_2} - Fluorite vein @ 20° CA, w/ | | | | | | | | | | | | | | | |
| | | @ 266.5: 0.2 m ill-carb. sheet @ 30° CA w/ D_{H_2} & lesser Gyp & also lesser gypsum veining. | | | | | | | | | | | | | | | |
| | | @ 272.2: Heavy gyp assoc. w/ D_{H_2} - Fluorite veins. | | | | | | | | | | | | | | | |
| | | - in general, Gyp in veins thru this section is coarse lubby. | | | | | | | | | | | | | | | |
| | | - diss. Gyp mainly adjacent stronger mineral veins | | | | | | | | | | | | | | | |

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | |
|-------|-------|--|----------------------|-----|-----|------------|------------|-----|------|-----|------|----|----|-----|-----|-----|
| | | | ROCK | GYR | SIL | BI- ACT | K2O ACT | SER | CLAY | CHL | CARB | FL | MT | PP% | CP% | STR |
| | | <u>ANISOTROPIC PERLITIC UNIT - CONT.</u> | | | | | | | | | | | | | | |
| | | 279.5 - 301.1: | 164 | 1 | 3 | 3 | 2 | 1 | 0 | 2 | 3 | 3 | 3 | 2 | 9 | 3 |
| | | - textures vague due to increasing alteration, mainly pplu 2° Bi; text dk. opa to blk. in colour. | | | | | | | | | | | | | | |
| | | - ksp envelopes more common & also 2° ksp flooding locally | | | | | | | | | | | | | | |
| | | - fluorite veining remains strong & 0.2/0.2 - tot increase somewhat | | | | | | | | | | | | | | |
| | | - white and cream carb. & locally pink galls associated with chloritic slugs @ 20-40° Ca. | | | | | | | | | | | | | | |
| | | - decrease in py; increase in cp; py ratio. | | | | | | | | | | | | | | |
| | | 301.1 - 303.6: | 164? | 1 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 6 | 0 |
| | | - zone of silice - ksp flooding of imp. fluorite - fluorite veining upper contact zone @ 50° Ca; lower contact @ 50° Ca. | | | | | | | | | | | | | | |
| | | - 1° textures obliterated; no to lith = ? | | | | | | | | | | | | | | |
| | | - py - sp. blabby, diss. & on hand. | | | | | | | | | | | | | | |
| | | - Tr. H ₂ S diss. | | | | | | | | | | | | | | |
| | | 303.6 - 322.2: | 164 | 1 | 3 | 2 | 2 | 1 | 0 | 2 | 2 | 3 | 3 | 2 | 10 | 4 |
| | | - similar to 279.5 - 301.1, except 2° Bi decreases slightly w/ attendant increase parv. chlorite. | | | | | | | | | | | | | | |
| | | - decrease in carb. veining | | | | | | | | | | | | | | |
| | | - Gyr as above w/ probably more fine diss. | | | | | | | | | | | | | | |
| | | 47 | | | | | | | | | | | | | | |
| 322.2 | 340.8 | <u>PERLITIC HORNBLITE</u> | 62x | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0.5 | 1 |
| | | light to medium gray in colour where fresh & compact. coars. by phlby, sub. to sub. platy. phenos, 2-4 mm in length. Comprising about 40-50% of rock. 20-25% chlorite filled matrix; minor 1° Bt noted (Clay) | | | | | | | | | | | | | | |

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| DEPTH | DIP | AZIMUTH | NORTHING | EASTING | ELEVATION |
|---------------|-----|---------|----------|---------|-----------|
| Collar Survey | | | | | |
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| DATA CHECKING | |
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| DATE | |
| BY | |

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|-----------------------|--------------|
| APPROX. NORTHING | 10300 |
| APPROX. EASTING | 9100 |
| ZONE | KEMESS NORTH |
| LOGGED BY | L. LYONS |
| DATE DRILLING STARTED | OCT 28/91 |
| DATE DRILLING ENDED | Nov 1/91 |
| CORE SIZE | 4 1/2" / NR |
| CASING IN HOLE | YES |
| TOTAL DEPTH | 337.41 |

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|------|-------|---|----------------------|-----|-----|-----------|-----------|-----|------|-----|-----|----|----|----|----|---------------------------|-------|
| | | | ROCK | GYP | SIL | BI- AL | WHA AL | SER | CLAY | CHL | CRS | FL | NT | PK | CP | STX | OTHER |
| 0.0 | 3.05 | OVERBURDEN | 0000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3.05 | 143.2 | Bladed Felsitic Porphyry Flow. - generally is med. green to darker green groundmass with 20-40% 0.5-2.0cm plagioclase bladed phenocrysts - moderate CHL = sericite + clay altered | | | | | | | | | | | | | | | |
| | | 3.05-13.0 core is oxidized with limonite in fractures and patches broken core | 1623 | 1 | 1 | 0 | 0 | 3 | 2 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | |
| | | 72-77.2 as general description with a more mottled pinkish/green groundmass core is generally quite soft and fissile breaking along parallel fractures; some pyrite has tarnished to brassy + blackish (chalcocite?) and some porous iridescent metal is found on fractures (covellite?), phenocrysts are variably altered to sericite - quartz veins are often crushed with py and are quite cherty / Ca | 1623 | 1 | 2 | 0 | 1? | 3 | 2 | 3 | 1 | 0 | 4 | 1 | 0 | chalcocite? covellite? | |
| | | 77.2-96.0 core is extremely broken but otherwise is unchanged locally of a more common siliceous zone | 1623 | 1 | 2 | 0 | 1? | 3 | 2 | 3 | 1 | 0 | 4 | 1 | 0 | covellite? | |

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|------|----|---|----------------------|-----|-----|--------|----------|-----|------|-----|------|----|----|-----|-----|-----|-------|
| | | | ROCK | GYR | SIL | BI-ALT | FORM-ALT | SER | CLAY | CHL | CARB | FL | MT | PI% | CP% | STK | OTHER |
| | | ~86.0-102.11: increased cpy mainly disseminated - due to rubble part of increase is not obvious | 1623 | 1 | 2 | 0 | 1? | 2 | 1 | 3 | 1 | 0 | 2 | 3 | 5 | 0 | |
| | | 102.11-106.68 No CORE | 0200 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | 106.68-116.8 TRICONED - No CORE | 0100 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | 116.8-143.2 Core is solid rock - reduced to NR Mod green/grey and buff to pinkish mottled with bladed feldspar phenocrysts and patchy mafics. weak to mod veined by fluorite and quartz generally from 25-45°/ca variable sericite all and pinkish Kspar all around certain struct. res. cpy is diss + in veins. MoS ₂ is found in local veins and diss. - towards bottom of section rock is more chloritic sericitic and contains more fluorite veins at shallow °/ca | 1623 | 1 | 2 | 0 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | .75 | 1 | |
| | | 143.2-155.6 FELSIC DYKE (?) - pale green buff to pinkish hard groundmass with 20-40% mod green patchy, diffuse phenocrysts now altered to chlorite. siliceous sections are common. fluorite veins less common carb veinlets generally weak-mod. cpy is found mainly in fluorite or siliceous veins and locally within dics. | 7400 | 1 | 3 | 0 | 1 | 2 | 0 | 3 | 1 | 2 | 1 | 3 | .35 | 1 | |
| | | 155.6-160.2 BLADED FELDSPAR PORPHYRY FLOW - Similar to 116.8 with scattered fine chlorite and less cpy | 1623 | 0 | 2 | 0 | 1 | 2 | 0 | 4 | 1 | 2 | 2 | 2 | .5 | 0 | |

FILE: GEOND.PRN

GEOLOGICAL LOGGING FORM

NORTH
KEMESS PROJECTDDH
No.

91-51

Page
of

3

4

| FROM | TO | DESCRIPTION | COMPUTER LOG SECTION | | | | | | | | | | | | | | |
|--------|---------------|---|----------------------|-----|-----|-----|-----|-----|------|-----|------|----|----|-----|-----|-----|----------|
| | | | ROCK | GYP | SIL | ALF | ALF | SER | CLAY | CHL | CARB | FL | MT | PK% | CP% | ST% | OTHER |
| 160.2 | 190.2 | ANDESITE - generally mod-dark green, fine grained locally with visible small plagioclase laths mod-str chl etc. | | | | | | | | | | | | | | | |
| | 160.2 - 164.2 | brecciated upper contact strong py weak to mod gte, fluorite and gypsum veins | 1600 | 2 | 2 | 1 | 0 | 2 | 0 | 4 | 1 | 2 | 2 | 4 | 0.5 | 1 | |
| | 164.2 - 166.4 | Increase in fluorite and cpx | 1600 | 2 | 2 | 1 | 0 | 2 | 0 | 4 | 1 | 4 | 2 | 3 | 2 | 2 | |
| | 166.4 - 190.2 | bed axisite phenos + fragments weak to mod gte-fluorite gypsum, calc veinlets mt common in gte-fluorite veins, vein angles are variable cpx is mainly present in veinlets and weakly diss in groundmass | 1600 | 2 | 2 | 2 | 0 | 2 | 0 | 4 | 2 | 2 | 3 | 3 | 0.5 | 2 | |
| 190.2 | 190.65 | FELSIC DYKE (?) - similar to 143.2 | 7400 | 0 | 2 | 0 | 0 | 2 | 0 | 3 | 0 | 2 | 1 | 2 | 15 | 0 | |
| 190.65 | 213.9 | ANDESITE - similar to 166.4 with increased fluorite to moderate and few Qtz veins weak to mod biotite (2nd) | 1600 | 1 | 1 | 2 | 0 | 2 | 0 | 3 | 1 | 3 | 2 | 3 | 0.5 | 2 | |
| 213.9 | 214.35 | MAFIC DYKE 25°/CA - fine grained mod green fine diss py mainly calc 4Hxgivs | 6500 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 1 | 1 | 2 | 2 | 0.1 | 1 | |
| 214.35 | 337.41 | ANDESITE 214.35 - 249.7 85°/CA - similar to 166.4 as andesite varies - locally plag laths, fragments and quartz phenocrysts are visible - some of the larger Qtz-fluorite-rat veins are quite shallow CA - cpx is mainly found in veinlets and weakly diss to local diss patches | 1600 | 2 | 2 | 2 | 1 | 2 | 0 | 3 | 1 | 2 | 2 | 3 | 0.5 | 1 | to Mo.Su |

FILE: GEOLOG.PRN

EL CONDOR RESOURCES LTD.
ASSESSMENT REPORT - 1991 EXPLORATION PROGRAM
KEMESS PROJECT

APPENDIX B

MIN-EN LABS ASSAY CERTIFICATES AND ICP REPORT - KEMESS NORTH DEPOSIT



MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

KN 91-33

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

1V-1118-RA1

CLIENT: EL CONDOR RESOURCES
PROJECT: P105
SITE: MIKE HARRIS/BRIAN BOWER

Date: SEP-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-23-91 by L.LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 4194 | .25 | .007 | .024 |
| 4195 | .26 | .008 | .035 |
| 4196 | .24 | .007 | .041 |
| 4197 | .17 | .005 | .040 |
| 4198 | .43 | .013 | .076 |
| 4199 | .10 | .003 | .135 |
| 4200 | .28 | .008 | .269 |
| 4201 | .30 | .009 | .223 |
| 4202 | .31 | .009 | .222 |
| 4203 | .37 | .011 | .259 |
| 4204 | .46 | .013 | .325 |
| 4205 | .25 | .007 | .197 |
| 4206 | .27 | .008 | .175 |
| 4207 | .14 | .004 | .104 |
| 4208 | .25 | .007 | .178 |
| 4209 | .27 | .008 | .164 |
| 4210 | .34 | .010 | .207 |
| 4211 | .42 | .012 | .161 |
| 4212 | .40 | .012 | .190 |
| 4213 | .32 | .009 | .149 |
| 4214 | .67 | .020 | .294 |
| 4215 | .84 | .025 | .376 |
| 4216 | .27 | .008 | .147 |
| 4217 | .37 | .011 | .218 |

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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

1V-1118-RA2

CLIENT: EL CONDOR RESOURCES
PROJECT: 9105
TO: MIKE HARRIS/BRIAN BOWER

Date: SEP-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-23-91 by L.LYONS.

| sample number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 4218 | .45 | .013 | .267 |
| 4219 | .31 | .009 | .204 |
| 4220 | .61 | .018 | .290 |
| 4221 | .51 | .015 | .254 |
| 4222 | .28 | .008 | .174 |
| 4223 | .27 | .008 | .139 |
| 4224 | .51 | .015 | .225 |
| 4225 | .43 | .013 | .197 |
| 4226 | .66 | .019 | .270 |
| 4227 | .51 | .015 | .208 |
| 4228 | .50 | .015 | .241 |
| 4229 | .51 | .015 | .212 |
| 4230 | .60 | .018 | .226 |
| 4231 | .56 | .016 | .251 |
| 4232 | .53 | .015 | .235 |
| 4233 | .68 | .020 | .258 |
| 4234 | .38 | .011 | .148 |
| 4235 | .56 | .016 | .220 |
| 4236 | .30 | .009 | .137 |
| 4237 | .39 | .011 | .127 |
| 4238 | .34 | .010 | .160 |
| 4239 | .23 | .007 | .185 |
| 4240 | .38 | .011 | .135 |
| 4241 | .31 | .009 | .142 |

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TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

KN 91-33

1V-1118-RA3

Company: EL CONDOR RESOURCES
Project: 9105
Attn: MIKE HARRIS/BRIAN BOWER

Date: SEP-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-23-91 by L.LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 4242 | .27 | .008 | .147 |
| 4243 | .24 | .007 | .158 |
| 4244 | .16 | .005 | .101 |
| 4245 | .29 | .008 | .148 |
| 4246 | .18 | .005 | .092 |
| 4247 | .25 | .007 | .175 |
| 4248 | .23 | .007 | .091 |
| 4249 | .32 | .009 | .151 |
| 4250 | .37 | .011 | .171 |
| 4251 | .34 | .010 | .164 |
| 4252 | .42 | .012 | .233 |
| 4253 | .51 | .013 | .259 |
| 4254 | .49 | .014 | .201 |
| 4255 | .65 | .019 | .257 |
| 4256 | .38 | .011 | .156 |
| 4257 | .52 | .015 | .240 |
| 4258 | .40 | .012 | .233 |
| 4259 | .51 | .015 | .263 |
| 4260 | .40 | .012 | .211 |
| 4261 | .61 | .018 | .280 |
| 4262 | .70 | .020 | .397 |
| 4263 | .37 | .011 | .279 |
| 4264 | .51 | .015 | .301 |
| 4265 | .57 | .017 | .225 |

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TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

KN 91-33 1V-1118-RA4

Company: **EL CONDOR RESOURCES**
Project: 9105
Attn: MIKE HARRIS/BRIAN BOWER

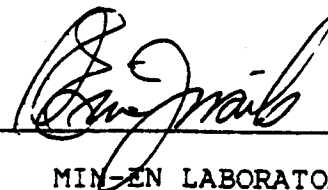
Date: SEP-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-23-91 by L.LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 14266 | .19 | .006 | .116 |
| 14267 | .51 | .015 | .246 |
| 14268 | .60 | .018 | .284 |
| 14269 | .50 | .015 | .224 |
| 14270 | .47 | .014 | .155 |
| 14271 | .49 | .014 | .210 |
| 14272 | .68 | .020 | .332 |
| 14273 | .41 | .012 | .201 |
| 14274 | .42 | .012 | .244 |
| 14275 | .37 | .011 | .182 |
| 14276 | .41 | .012 | .205 |
| 14277 | .50 | .015 | .245 |
| 14278 | .40 | .012 | .193 |
| 14279 | .37 | .011 | .204 |
| 14280 | .35 | .010 | .187 |
| 14281 | .66 | .019 | .315 |
| 14282 | .51 | .015 | .269 |
| 14283 | .68 | .020 | .305 |
| 14284 | .42 | .012 | .164 |
| 14285 | .63 | .018 | .149 |
| 14286 | .58 | .017 | .308 |
| 14287 | .43 | .013 | .228 |
| 14288 | .41 | .012 | .245 |
| 14289 | .65 | .019 | .294 |

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TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

KN 91-33

1V-1118-RA5

Company: EL CONDOR RESOURCES
Project: 9105
Attn: MIKE HARRIS/BRIAN BOWER

Date: SEP-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-23-91 by L.LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 34290 | .48 | .014 | .247 |
| 34291 | .41 | .012 | .214 |
| 34292 | .27 | .008 | .124 |
| 34293 | .32 | .009 | .116 |
| 34294 | .25 | .007 | .101 |
| 34295 | .50 | .015 | .214 |
| 34296 | .42 | .012 | .150 |
| 34297 | .41 | .012 | .127 |
| 34298 | .49 | .014 | .194 |
| 34299 | .32 | .009 | .129 |
| 34300 | .34 | .010 | .131 |
| 34301 | .44 | .013 | .212 |
| 34302 | .41 | .012 | .213 |
| 34303 | .56 | .016 | .187 |
| 34304 | .38 | .011 | .180 |
| 34305 | .46 | .013 | .183 |
| 34306 | .23 | .007 | .175 |
| 34307 | .50 | .015 | .136 |
| 34308 | .27 | .008 | .197 |
| 34309 | .36 | .011 | .199 |
| 34310 | .27 | .008 | .183 |
| 34311 | .31 | .009 | .204 |
| 34312 | .22 | .006 | .129 |
| 34313 | .27 | .008 | .185 |

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FAX (604) 847-3005

Assay Certificate

KN 91-33

1V-1118-RA6

Company: **EL CONDOR RESOURCES**
Project: 9105
Attn: MIKE HARRIS/BRIAN BOWER

Date: **SEP-25-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

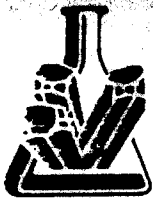
We hereby certify the following Assay of 2 CORE samples submitted SEP-23-91 by L.LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 14314 | .26 | .008 | .186 |
| 14315 | .21 | .006 | .144 |

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SMITHERS LAB.:
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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

KN 91-34

1V-1148-RA1

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-26-91 by L. LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 14316 | .21 | .006 | .105 |
| 14317 | .23 | .007 | .130 |
| 14318 | .29 | .008 | .081 |
| 14319 | .26 | .008 | .157 |
| 14320 | .27 | .008 | .291 |
| 14321 | .33 | .010 | .364 |
| 14322 | .21 | .006 | .207 |
| 14323 | .30 | .009 | .322 |
| 14324 | .15 | .004 | .460 |
| 14325 | .43 | .013 | .505 |
| 14326 | .46 | .014 | .236 |
| 14327 | .35 | .010 | .159 |
| 14328 | .39 | .011 | .176 |
| 14329 | .41 | .012 | .101 |
| 14330 | .40 | .012 | .161 |
| 14331 | .30 | .009 | .106 |
| 14332 | .15 | .004 | .061 |
| 14333 | .43 | .013 | .201 |
| 14334 | .22 | .006 | .231 |
| 14335 | .51 | .015 | .236 |
| 14336 | .43 | .013 | .197 |
| 14337 | .28 | .008 | .142 |
| 14338 | .25 | .007 | .107 |
| 14339 | .17 | .005 | .077 |

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FAX (604) 847-3005

Assay Certificate

KN 91-34 1V-1148-RA2

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-26-91 by L. LYONS.

| Sample number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 14340 | .38 | .011 | .144 |
| 14341 | .20 | .006 | .086 |
| 14342 | .45 | .013 | .166 |
| 14343 | .21 | .006 | .109 |
| 14344 | .23 | .007 | .098 |
| 14345 | .43 | .013 | .134 |
| 14346 | .90 | .026 | .317 |
| 14347 | .29 | .008 | .086 |
| 14348 | .30 | .009 | .119 |
| 14349 | .31 | .009 | .139 |
| 14350 | .40 | .012 | .172 |
| 14351 | .27 | .008 | .113 |
| 14352 | .24 | .007 | .100 |
| 14353 | .23 | .007 | .092 |
| 14354 | .29 | .008 | .099 |
| 14355 | .42 | .012 | .171 |
| 14356 | .28 | .008 | .117 |
| 14357 | .23 | .007 | .113 |
| 14358 | .29 | .008 | .121 |
| 14359 | .25 | .007 | .107 |
| 14360 | .21 | .006 | .092 |
| 14361 | .30 | .009 | .146 |
| 14362 | .31 | .009 | .156 |
| 14363 | .41 | .012 | .195 |

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Assay Certificate

KN 91-34

1V-1148-RA3

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-26-91 by L. LYONS.

| Sample number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 14364 | .36 | .011 | .110 |
| 14365 | .32 | .009 | .113 |
| 14366 | .50 | .015 | .179 |
| 14367 | .48 | .014 | .150 |
| 14368 | .30 | .009 | .118 |
| 14370 | .56 | .016 | .231 |
| 14371 | .29 | .008 | .144 |
| 14372 | .34 | .010 | .155 |
| 14373 | .27 | .008 | .112 |
| 14374 | .22 | .006 | .115 |
| 14375 | .21 | .006 | .129 |
| 14376 | .31 | .009 | .133 |
| 14377 | .22 | .006 | .117 |
| 14378 | .62 | .024 | .230 |
| 14379 | .23 | .007 | .132 |
| 14380 | .38 | .011 | .147 |
| 14381 | .40 | .012 | .182 |
| 14382 | .34 | .010 | .113 |
| 14383 | .29 | .008 | .196 |
| 14384 | .36 | .011 | .214 |
| 14385 | .61 | .018 | .313 |
| 14386 | 1.16 | .034 | .479 |
| 14387 | .92 | .015 | .193 |
| 14388 | .80 | .023 | .200 |

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Assay Certificate

KN 91-34 1V-1148-RA4

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-26-91 by L. LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 34389 | .46 | .013 | .165 |
| 34390 | .41 | .012 | .162 |
| 34391 | .59 | .017 | .242 |
| 34392 | .33 | .010 | .191 |
| 34393 | .19 | .006 | .092 |
| 34394 | .21 | .006 | .139 |
| 34395 | .30 | .009 | .185 |
| 34396 | .32 | .009 | .180 |
| 34397 | .51 | .015 | .216 |
| 34398 | .40 | .012 | .232 |
| 34400 | .36 | .011 | .191 |
| 34400 | .31 | .009 | .292 |
| 34401 | 1.12 | .033 | .564 |
| 34402 | .40 | .012 | .168 |
| 34403 | .12 | .004 | .087 |
| 34404 | .19 | .006 | .113 |
| 34405 | .43 | .013 | .236 |
| 34406 | .41 | .012 | .250 |
| 34407 | .11 | .003 | .078 |
| 34408 | .29 | .008 | .173 |
| 34409 | .30 | .009 | .181 |
| 34410 | .15 | .004 | .094 |
| 34411 | .20 | .006 | .062 |
| 34412 | .12 | .004 | .070 |

*AU - 1 ASSAY TON.

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FAX (604) 980-9621

SMITHERS LAB.:
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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

KN 91-34 1V-1148-RA5

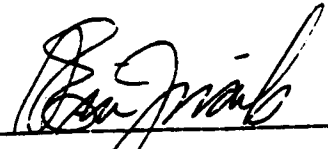
Company: **EL CONDOR RESOURCES**
Project: **91205**
To: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-01-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

I hereby certify the following Assay of 12 CORE samples submitted SEP-26-91 by L. LYONS.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL-CU % |
|---------------|-------------|------------|------------|
| 4413 | .66 | .019 | .075 |
| 4414 | .36 | .011 | .171 |
| 4415 | .31 | .009 | .172 |
| 4416 | .27 | .008 | .179 |
| 4417 | .24 | .007 | .130 |
| 4418 | .13 | .004 | .079 |
| 4419 | .10 | .003 | .054 |
| 4420 | .48 | .014 | .219 |
| 4421 | .14 | .004 | .078 |
| 4422 | .07 | .002 | .104 |
| 4423 | .25 | .007 | .140 |
| 4424 | .04 | .001 | .027 |

*AU - 1 ASSAY TON.

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SMITHERS LAB.:
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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

KN 91-35

Assay Certificate

1V-1152-RA1

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-27-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | CU-TOTAL % |
|---------------|------------------|-----------------|------------|
| 34425 | .32 | .009 | .026 |
| 34426 | .56 | .016 | .033 |
| 34427 | .32 | .009 | .047 |
| 34428 | .34 | .010 | .090 |
| 34429 | .35 | .010 | .190 |
| 34430 | .30 | .009 | .286 |
| 34431 | .21 | .006 | .379 |
| 34432 | .41 | .012 | .534 |
| 34433 | .22 | .006 | .443 |
| 34434 | .35 | .010 | .702 |
| 34435 | .52 | .015 | .804 |
| 34436 | .42 | .012 | .431 |
| 34437 | .15 | .004 | .218 |
| 34438 | .09 | .003 | .192 |
| 34439 | .10 | .003 | .352 |
| 34440 | .20 | .006 | .318 |
| 34441 | .52 | .015 | .406 |
| 34442 | .40 | .012 | .504 |
| 34443 | .28 | .008 | .281 |
| 34444 | .15 | .004 | .323 |
| 34445 | .44 | .013 | .370 |
| 34446 | .19 | .006 | .155 |
| 34447 | .56 | .016 | .412 |
| 34448 | .30 | .009 | .186 |

*AU = 1 ASSAY TON.

Certified by

Assay Certificate

KN 91-35

1V-1152-RA2

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

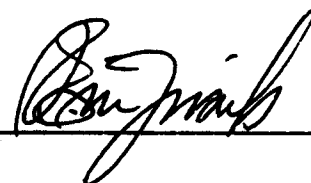
Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-27-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | CU-TOTAL % |
|---------------|------------------|-----------------|------------|
| 34449 | .20 | .006 | .148 |
| 34450 | .19 | .006 | .098 |
| 34451 | .29 | .008 | .240 |
| 34452 | .32 | .009 | .292 |
| 34453 | .38 | .011 | .258 |
| 34454 | .20 | .006 | .140 |
| 34455 | .32 | .009 | .246 |
| 34456 | .42 | .012 | .181 |
| 34457 | .15 | .004 | .101 |
| 34458 | .20 | .006 | .071 |
| 34459 | .11 | .003 | .090 |
| 34460 | .20 | .006 | .130 |
| 34461 | .15 | .004 | .115 |
| 34462 | .28 | .008 | .140 |
| 34463 | .22 | .006 | .138 |
| 34464 | .31 | .009 | .159 |
| 34465 | .32 | .009 | .185 |
| 34466 | .24 | .007 | .116 |
| 34467 | .25 | .007 | .148 |
| 34468 | .50 | .015 | .302 |
| 34469 | .34 | .010 | .189 |
| 34470 | .18 | .005 | .087 |
| 34471 | .22 | .006 | .169 |
| 34472 | .13 | .004 | .087 |

*AU = 1 ASSAY TON.

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LES LYONS
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SMITHERS LAB.:
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 SMITHERS, B.C. CANADA V0J 2N0
 TELEPHONE (604) 847-3004
 FAX (604) 847-3005

Assay Certificate

KN 91-35

1V-1152-RA3

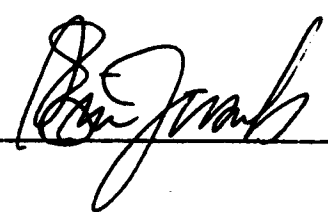
Company: **EL CONDOR RESOURCES**
 Project: 91205
 Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
 Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-27-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | CU-TOTAL % |
|---------------|------------------|-----------------|------------|
| 34473 | .21 | .006 | .152 |
| 34474 | .18 | .005 | .106 |
| 34475 | .19 | .006 | .116 |
| 34476 | .24 | .007 | .119 |
| 34477 | .15 | .004 | .098 |
| 34478 | .24 | .007 | .122 |
| 34479 | .46 | .013 | .167 |
| 34480 | .40 | .012 | .218 |
| 34481 | .32 | .009 | .166 |
| 34482 | .30 | .009 | .158 |
| 34483 | .25 | .007 | .113 |
| 34484 | .20 | .006 | .099 |
| 34485 | .19 | .006 | .110 |
| 34486 | .11 | .003 | .063 |
| 34487 | .17 | .005 | .091 |
| 34488 | .34 | .010 | .116 |
| 34489 | .23 | .007 | .104 |
| 34490 | .92 | .027 | .125 |
| 34491 | .24 | .007 | .128 |
| 34492 | .22 | .006 | .139 |
| 34493 | .29 | .008 | .130 |
| 34494 | .38 | .011 | .103 |
| 34495 | .30 | .009 | .117 |
| 34496 | .46 | .013 | .281 |

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FAX (604) 847-3005

Assay Certificate

KN 91-35

1V-1152-RA4

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples
submitted SEP-27-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | CU-TOTAL % |
|---------------|------------------|-----------------|------------|
| 34497 | .18 | .005 | .129 |
| 34498 | .29 | .008 | .204 |
| 34499 | .28 | .008 | .131 |
| 34500 | .40 | .012 | .206 |
| 34551 | .72 | .021 | .409 |
| 34552 | .34 | .010 | .131 |
| 34553 | .23 | .007 | .119 |
| 34554 | .49 | .014 | .295 |
| 34555 | .31 | .009 | .164 |
| 34556 | .40 | .012 | .220 |
| 34557 | .53 | .015 | .377 |
| 34558 | .39 | .011 | .224 |
| 34559 | .44 | .013 | .294 |
| 34560 | .48 | .014 | .301 |
| 34561 | .66 | .019 | .372 |
| 34562 | .62 | .018 | .379 |
| 34563 | .43 | .013 | .299 |
| 34564 | .47 | .014 | .313 |
| 34565 | .38 | .011 | .193 |
| 34566 | .28 | .008 | .152 |
| 34567 | .22 | .006 | .137 |
| 34568 | .27 | .008 | .160 |
| 34569 | .13 | .004 | .098 |
| 34570 | .38 | .011 | .208 |

*AU = 1 ASSAY TON.

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TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

KN 91-35

1V-1152-RA5

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-01-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-27-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | CU-TOTAL % |
|---------------|------------------|-----------------|------------|
| 34571 | .32 | .009 | .193 |
| 34572 | .33 | .010 | .188 |
| 34573 | .28 | .008 | .116 |
| 34574 | .28 | .008 | .162 |
| 34575 | .37 | .011 | .210 |
| 34576 | .23 | .007 | .121 |
| 34577 | .38 | .011 | .244 |
| 34578 | .45 | .013 | .151 |
| 34579 | .37 | .011 | .168 |
| 34580 | .40 | .012 | .215 |
| 34581 | .31 | .009 | .142 |
| 34582 | .18 | .005 | .105 |
| 34583 | .21 | .006 | .145 |
| 34584 | .20 | .006 | .157 |
| 34585 | .21 | .006 | .110 |
| 34586 | .15 | .004 | .073 |
| 34587 | .34 | .010 | .100 |
| 34588 | .21 | .006 | .142 |
| 34589 | .30 | .009 | .180 |
| 34590 | .49 | .014 | .200 |
| 34591 | .32 | .009 | .142 |
| 34592 | .22 | .006 | .129 |
| 34593 | .27 | .008 | .119 |
| 34594 | .21 | .006 | .130 |

*AU = 1 ASSAY TON.

Certified by

Benjamin



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FAX (604) 980-9621

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FAX (604) 847-3005

Assay Certificate

KN 91-35

1V-1152-RA6

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: **OCT-01-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

**We hereby certify the following Assay of 9 CORE samples
submitted SEP-27-91 by LES LYONS.**

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | CU-TOTAL % |
|------------------|---------------------|--------------------|---------------|
| 34595 | .70 | .020 | .420 |
| 34596 | .23 | .007 | .164 |
| 34597 | .22 | .006 | .166 |
| 34598 | .14 | .004 | .131 |
| 34599 | .36 | .011 | .263 |
| 34600 | .11 | .003 | .113 |
| 34601 | .20 | .006 | .149 |
| 34602 | .10 | .003 | .109 |
| 34603 | .32 | .009 | .195 |

*AU = 1 ASSAY TON.

Certified by _____



Assay Certificate KN 91-36

1V-1207-RA1

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-08-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-03-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 34604 | .08 | .002 | .028 |
| 34605 | .06 | .002 | .024 |
| 34606 | .20 | .006 | .033 |
| 34607 | .25 | .007 | .054 |
| 34608 | .13 | .004 | .040 |
| 34609 | .08 | .002 | .058 |
| 34610 | .10 | .003 | .094 |
| 34611 | .15 | .004 | .157 |
| 34612 | .29 | .008 | .117 |
| 34613 | .23 | .007 | .093 |
| 34614 | .19 | .006 | .167 |
| 34615 | .50 | .015 | .278 |
| 34616 | .75 | .022 | .247 |
| 34617 | .46 | .013 | .147 |
| 34618 | .48 | .014 | .141 |
| 34619 | .19 | .006 | .054 |
| 34620 | .09 | .003 | .048 |
| 34621 | .13 | .004 | .112 |
| 34622 | .10 | .003 | .121 |
| 34623 | .11 | .003 | .095 |
| 34624 | .32 | .009 | .261 |
| 34625 | .14 | .004 | .186 |
| 34626 | .09 | .003 | .155 |
| 34627 | .05 | .001 | .126 |

*AU - 1 ASSAY TON.

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MIN-EN LABORATORIES

Assay Certificate

KN 91-36

1V-1207-RA2

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-08-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-03-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 34628 | .12 | .004 | .158 |
| 34629 | .08 | .002 | .135 |
| 34630 | .14 | .004 | .220 |
| 34631 | .10 | .003 | .142 |
| 34632 | .20 | .006 | .174 |
| 34633 | .28 | .008 | .202 |
| 34634 | .20 | .006 | .138 |
| 34635 | .26 | .008 | .162 |
| 34636 | .34 | .010 | .216 |
| 34637 | .30 | .009 | .164 |
| 34638 | .30 | .009 | .148 |
| 34639 | .29 | .008 | .231 |
| 34640 | .31 | .009 | .217 |
| 34641 | .37 | .011 | .246 |
| 34642 | .21 | .006 | .166 |
| 34643 | .20 | .006 | .151 |
| 34644 | .13 | .004 | .106 |
| 34645 | .73 | .021 | .345 |
| 34646 | .55 | .016 | .291 |
| 34647 | .17 | .005 | .131 |
| 34648 | .29 | .008 | .202 |
| 34649 | .23 | .007 | .163 |
| 34650 | .32 | .009 | .122 |
| 34651 | .86 | .025 | .221 |

*AU - 1 ASSAY TON.

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MIN-EN LABORATORIES

Assay Certificate

KN 91-36 1V-1207-RA3

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

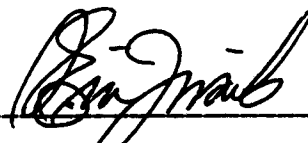
Date: **OCT-08-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-03-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 34652 | 1.07 | .031 | .375 |
| 34653 | .30 | .009 | .178 |
| 34654 | .42 | .012 | .304 |
| 34655 | .55 | .016 | .325 |
| 34656 | .18 | .005 | .133 |
| 34657 | .13 | .004 | .087 |
| 34658 | .32 | .009 | .205 |
| 34659 | .47 | .014 | .228 |
| 34660 | .30 | .009 | .185 |
| 34661 | .70 | .020 | .329 |
| 34662 | .52 | .015 | .317 |
| 34663 | .40 | .012 | .228 |
| 34664 | .20 | .006 | .144 |
| 34665 | .49 | .014 | .301 |
| 34666 | .33 | .010 | .200 |
| 34667 | .11 | .003 | .091 |
| 34668 | .78 | .023 | .468 |
| 34669 | .38 | .011 | .190 |
| 34670 | .32 | .009 | .167 |
| 34671 | .29 | .008 | .131 |
| 34672 | .20 | .006 | .123 |
| 34673 | .33 | .010 | .172 |
| 34674 | .19 | .006 | .105 |
| 34675 | .29 | .008 | .156 |

*AU - 1 ASSAY TON.

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Assay Certificate

KN 91-36

1V-1207-RA4

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: **OCT-08-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-03-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 34676 | .21 | .006 | .114 |
| 34677 | .22 | .006 | .127 |
| 34678 | .20 | .006 | .109 |
| 34679 | .24 | .007 | .101 |
| 34680 | .15 | .004 | .106 |
| 34681 | .16 | .005 | .091 |
| 34682 | .21 | .006 | .152 |
| 34683 | .12 | .004 | .072 |
| 34684 | .33 | .010 | .208 |
| 34685 | .82 | .024 | .245 |
| 34686 | .25 | .007 | .140 |
| 34687 | .42 | .012 | .220 |
| 34688 | .30 | .009 | .164 |
| 34689 | .40 | .012 | .216 |
| 34690 | .32 | .009 | .159 |
| 34691 | .24 | .007 | .150 |
| 34692 | .20 | .006 | .160 |
| 34693 | .10 | .003 | .105 |
| 34694 | .11 | .003 | .156 |
| 34695 | .10 | .003 | .108 |
| 34696 | .14 | .004 | .116 |
| 34697 | .30 | .009 | .191 |
| 34698 | .75 | .022 | .460 |
| 34699 | .34 | .010 | .166 |

*AU - 1 ASSAY TON.

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FAX (604) 980-9821

SMITHERS LAB.:
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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

KN 91-316

1V-1207-RA5

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-08-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-03-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 34700 | .45 | .013 | .218 |
| 34701 | .22 | .006 | .127 |
| 34702 | .12 | .004 | .086 |
| 34703 | .24 | .007 | .152 |
| 34704 | .21 | .006 | .094 |
| 34705 | .21 | .006 | .073 |
| 34706 | .40 | .012 | .159 |
| 34707 | .39 | .011 | .173 |
| 34708 | .34 | .010 | .202 |
| 34709 | .23 | .007 | .133 |
| 34710 | .31 | .009 | .168 |
| 34711 | .22 | .006 | .115 |
| 34712 | .23 | .007 | .131 |
| 34713 | .18 | .005 | .105 |
| 34714 | .48 | .014 | .251 |
| 34715 | .30 | .009 | .168 |
| 34716 | .37 | .011 | .197 |
| 34717 | .12 | .004 | .111 |
| 34718 | .40 | .012 | .216 |
| 34719 | .33 | .010 | .130 |
| 34720 | .12 | .004 | .073 |
| 34721 | .22 | .006 | .095 |
| 34722 | .16 | .005 | .096 |
| 34723 | .90 | .026 | .387 |

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

Assay Certificate

KN 91-36 1V-1207-RA6

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-08-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 8 CORE samples submitted OCT-03-91 by LES LYONS.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 34724 | .24 | .007 | .158 |
| 34725 | .30 | .009 | .191 |
| 34726 | .29 | .008 | .180 |
| 34727 | .19 | .006 | .117 |
| 34728 | .10 | .003 | .055 |
| 34729 | .22 | .006 | .113 |
| 34730 | .17 | .005 | .117 |
| 34731 | .40 | .012 | .225 |

*AU - 1 ASSAY TON.

Certified by _____

Les Lyons
MIN-EN LABORATORIES

Assay Certificate **KN 91-42**

1V-1275-RA1

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

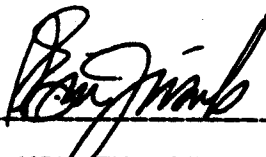
Date: **OCT-17-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-11-91 by B. BOWER.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33194 | .22 | .006 | .038 |
| 33195 | .44 | .013 | .041 |
| 33196 | .36 | .011 | .045 |
| 33197 | .44 | .013 | .052 |
| 33198 | .33 | .010 | .038 |
| 33199 | .31 | .009 | .067 |
| 33200 | .30 | .009 | .145 |
| 33201 | .27 | .008 | .250 |
| 33202 | .26 | .008 | .244 |
| 33203 | .20 | .006 | .182 |
| 33204 | .28 | .008 | .323 |
| 33205 | .20 | .006 | .256 |
| 33206 | .16 | .005 | .235 |
| 33207 | .01 | .001 | .118 |
| 33208 | .01 | .001 | .064 |
| 33209 | .01 | .001 | .054 |
| 33210 | .01 | .001 | .043 |
| 33211 | .01 | .001 | .039 |
| 33212 | .01 | .001 | .035 |
| 33213 | .01 | .001 | .026 |
| 33214 | .01 | .001 | .010 |
| 33215 | .01 | .001 | .003 |
| 33216 | .01 | .001 | .004 |
| 33217 | .01 | .001 | .008 |

*AU - 1 ASSAY TON.

Certified by _____



MIN-EN LABORATORIES

Assay Certificate

KN 91-42 1V-1275-RA2

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-17-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-11-91 by B. BOWER.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33218 | .01 | .001 | .018 |
| 33219 | .14 | .004 | .109 |
| 33220 | .21 | .006 | .142 |
| 33221 | .12 | .004 | .099 |
| 33222 | .08 | .002 | .097 |
| 33223 | .10 | .003 | .103 |
| 33224 | .04 | .001 | .074 |
| 33225 | .19 | .006 | .121 |
| 33226 | .10 | .003 | .082 |
| 33227 | .17 | .005 | .148 |
| 33228 | .18 | .005 | .164 |
| 33229 | .23 | .007 | .250 |
| 33230 | .28 | .008 | .271 |
| 33231 | .14 | .004 | .146 |
| 33232 | .12 | .004 | .118 |
| 33233 | .11 | .003 | .102 |
| 33234 | .23 | .007 | .139 |
| 33235 | .10 | .003 | .138 |
| 33236 | .09 | .003 | .089 |
| 33237 | .10 | .003 | .097 |
| 33238 | .09 | .003 | .092 |
| 33239 | .08 | .002 | .068 |
| 33240 | .02 | .001 | .005 |
| 33241 | .03 | .001 | .004 |

*AU - 1 ASSAY TON.

Certified by



MIN-EN LABORATORIES

Assay Certificate

KN 91-42

1V-1275-RA3

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

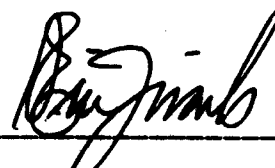
Date: OCT-17-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-11-91 by B. BOWER.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33242 | .02 | .001 | .003 |
| 33243 | .01 | .001 | .002 |
| 33244 | .01 | .001 | .003 |
| 33245 | .02 | .001 | .003 |
| 33246 | .01 | .001 | .003 |
| 33247 | .10 | .003 | .073 |
| 33248 | .05 | .001 | .094 |
| 33249 | .04 | .001 | .072 |
| 33250 | .08 | .002 | .093 |
| 33251 | .02 | .001 | .062 |
| 33252 | .02 | .001 | .056 |
| 33253 | .06 | .002 | .072 |
| 33254 | .08 | .002 | .079 |
| 33255 | .05 | .001 | .058 |
| 33256 | .02 | .001 | .057 |
| 33257 | .03 | .001 | .048 |
| 33258 | .02 | .001 | .069 |
| 33259 | .25 | .007 | .154 |
| 33260 | .13 | .004 | .124 |
| 33261 | .05 | .001 | .080 |
| 33262 | .02 | .001 | .057 |
| 33263 | .04 | .001 | .077 |
| 33264 | .07 | .002 | .084 |
| 33265 | .03 | .001 | .050 |

*AU - 1 ASSAY TON.

Certified by _____



MIN-EN LABORATORIES

Assay Certificate

KNV 91-42 1V-1275-RA4

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-17-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-11-91 by B. BOWER.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33266 | .10 | .003 | .080 |
| 33267 | .14 | .004 | .131 |
| 33268 | .13 | .004 | .124 |
| 33269 | .27 | .008 | .191 |
| 33270 | .14 | .004 | .126 |
| 33271 | .11 | .003 | .089 |
| 33272 | .12 | .004 | .097 |
| 33273 | .09 | .003 | .077 |
| 33274 | .08 | .002 | .058 |
| 33275 | .10 | .003 | .082 |
| 33276 | .07 | .002 | .081 |
| 33277 | .26 | .008 | .119 |
| 33278 | .11 | .003 | .075 |
| 33279 | .07 | .002 | .061 |
| 33280 | .10 | .003 | .059 |
| 33281 | .06 | .002 | .068 |
| 33282 | .08 | .002 | .071 |
| 33283 | .14 | .004 | .139 |
| 33284 | .12 | .004 | .124 |
| 33285 | .19 | .006 | .147 |
| 33286 | .10 | .003 | .098 |
| 33287 | .10 | .003 | .066 |
| 33288 | .11 | .003 | .064 |
| 33289 | .12 | .004 | .048 |

*AU - 1 ASSAY TON.

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MIN-EN LABORATORIES

Assay Certificate

KN 91-42 1V-1275-RA5

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-17-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 18 CORE samples submitted OCT-11-91 by B. BOWER.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33290 | .05 | .001 | .031 |
| 33291 | .01 | .001 | .039 |
| 33292 | .04 | .001 | .052 |
| 33293 | .10 | .003 | .078 |
| 33294 | .11 | .003 | .067 |
| 33295 | .05 | .001 | .072 |
| 33296 | .09 | .003 | .074 |
| 33297 | .10 | .003 | .075 |
| 33298 | .08 | .002 | .057 |
| 33299 | .09 | .003 | .080 |
| 33300 | .09 | .003 | .068 |
| 33301 | .07 | .002 | .075 |
| 33302 | .04 | .001 | .050 |
| 33303 | .16 | .005 | .079 |
| 33304 | .29 | .008 | .120 |
| 33305 | .10 | .003 | .073 |
| 33306 | .02 | .001 | .058 |
| 33307 | .03 | .001 | .061 |

*AU - 1 ASSAY TON.

Certified by

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FAX (604) 980-9821

SMITHERS LAB.:
3178 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate **KN 91-44**

1V-1321-RA1

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-25-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-21-91 by BARNEY BOWEN.
(Brian)

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33428 | .32 | .009 | .197 |
| 33429 | .28 | .008 | .272 |
| 33430 | .10 | .003 | .076 |
| 33431 | .15 | .004 | .164 |
| 33432 | .04 | .001 | .014 |
| ----- | | | |
| 33433 | .24 | .007 | .122 |
| 33434 | .06 | .002 | .008 |
| 33435 | .02 | .001 | .005 |
| 33436 | .01 | .001 | .004 |
| 33437 | .02 | .001 | .003 |
| ----- | | | |
| 33438 | .02 | .001 | .003 |
| 33439 | .01 | .001 | .004 |
| 33440 | .03 | .001 | .003 |
| 33441 | .02 | .001 | .003 |
| 33442 | .05 | .001 | .049 |
| ----- | | | |
| 33443 | .03 | .001 | .051 |
| 33444 | .11 | .003 | .069 |
| 33445 | .12 | .004 | .114 |
| 33446 | .24 | .007 | .119 |
| 33447 | .08 | .002 | .083 |
| ----- | | | |
| 33448 | .03 | .001 | .064 |
| 33449 | .11 | .003 | .131 |
| 33450 | .32 | .009 | .279 |
| 33451 | .17 | .005 | .136 |

*AU = 1 ASSAY TON.

Certified by *Brian*

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SMITHERS LAB.:

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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate *KN 91-44*

1V-1321-RA2

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-21-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CUZ |
|---------------|-------------|------------|-----------|
| 33452 | .12 | .004 | .120 |
| 33453 | .26 | .008 | .243 |
| 33454 | .22 | .006 | .221 |
| 33455 | .07 | .002 | .066 |
| 33456 | .12 | .004 | .150 |
| 33457 | .08 | .002 | .086 |
| 33458 | .05 | .001 | .085 |
| 33459 | .20 | .006 | .202 |
| 33460 | .05 | .001 | .083 |
| 33461 | .14 | .004 | .175 |
| 33462 | .07 | .002 | .094 |
| 33463 | .10 | .003 | .165 |
| 33464 | .14 | .004 | .159 |
| 33465 | .10 | .003 | .129 |
| 33466 | .09 | .003 | .106 |
| 33467 | .08 | .002 | .083 |
| 33468 | .16 | .005 | .114 |
| 33469 | .10 | .003 | .099 |
| 33470 | .03 | .001 | .092 |
| 33471 | .08 | .002 | .104 |
| 33472 | .07 | .002 | .085 |
| 33473 | .21 | .006 | .111 |
| 33474 | .04 | .001 | .052 |
| 33475 | .02 | .001 | .048 |

*AU = 1 ASSAY TON.

Certified by *Barney Bowen*



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FAX (604) 980-9821

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate **KN 91-144**

1V-1321-RA3

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-25-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-21-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33476 | .09 | .003 | .059 |
| 33477 | .06 | .002 | .066 |
| 33478 | .04 | .001 | .063 |
| 33479 | .08 | .002 | .071 |
| 33480 | .04 | .001 | .078 |
| 33481 | .02 | .001 | .086 |
| 33482 | .06 | .002 | .100 |
| 33483 | .02 | .001 | .067 |
| 33484 | .03 | .001 | .050 |
| 33485 | .02 | .001 | .040 |
| 33486 | .10 | .003 | .065 |
| 33487 | .03 | .001 | .103 |
| 33488 | .10 | .003 | .055 |
| 33489 | .04 | .001 | .072 |
| 33490 | .10 | .003 | .102 |
| 33491 | .04 | .001 | .062 |
| 33492 | .05 | .001 | .096 |
| 33493 | .02 | .001 | .049 |
| 33494 | .02 | .001 | .029 |
| 33495 | .10 | .003 | .069 |
| 33496 | .16 | .005 | .077 |
| 33497 | .09 | .003 | .091 |
| 33498 | .10 | .003 | .121 |
| 33499 | .02 | .001 | .058 |

*AU = 1 ASSAY TON.

Certified by

Barney Bowen

Assay Certificate *KN 91-44*

1V-1321-RA4

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples
submitted OCT-21-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33500 | .02 | .001 | .078 |
| 33501 | .06 | .002 | .041 |
| 33502 | .11 | .003 | .084 |
| 33503 | .08 | .002 | .099 |
| 33504 | .12 | .004 | .062 |
| 33505 | .13 | .004 | .079 |
| 33506 | .10 | .003 | .094 |
| 33507 | .03 | .001 | .061 |
| 33508 | .05 | .001 | .116 |
| 33509 | .14 | .004 | .121 |
| 33510 | .03 | .001 | .092 |
| 33511 | .08 | .002 | .384 |
| 33512 | .18 | .005 | .141 |
| 33513 | .12 | .004 | .124 |
| 33514 | .05 | .001 | .103 |
| 33515 | .12 | .004 | .161 |
| 33516 | .10 | .003 | .152 |
| 33517 | .26 | .008 | .206 |
| 33518 | .08 | .002 | .174 |
| 33519 | .12 | .004 | .097 |
| 33520 | .10 | .003 | .113 |
| 33521 | .20 | .006 | .174 |
| 33522 | .33 | .010 | .281 |
| 33523 | .11 | .003 | .140 |

*AU = 1 ASSAY TON.

Certified by *Barney Bowen*



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FAX (604) 980-9821

SMITHERS LAB.:
3178 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate *KN 91-44*

1V-1321-RA5

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 2 CORE samples submitted OCT-21-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33524 | .26 | .008 | .188 |
| 33525 | .10 | .003 | .165 |

*AU = 1 ASSAY TON.

Certified by _____

Barney Bowen

Assay Certificate **KN 91-45**

1V-1328-RA1

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS / B. BOWEN / M. REBAGLIATI

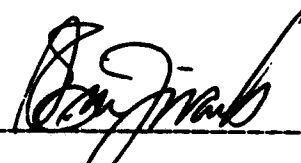
Date: **OCT-25-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-19-91 by B. BOWEN.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33526 | .31 | .009 | .032 |
| 33527 | .40 | .012 | .086 |
| 33528 | .26 | .008 | .248 |
| 33529 | .31 | .009 | .274 |
| 33530 | .28 | .008 | .230 |
| 33531 | .09 | .003 | .114 |
| 33532 | .16 | .005 | .115 |
| 33533 | .31 | .009 | .129 |
| 33534 | .24 | .007 | .145 |
| 33535 | .19 | .006 | .091 |
| 33536 | .18 | .005 | .128 |
| 33537 | .18 | .005 | .131 |
| 33538 | .20 | .006 | .095 |
| 33539 | .12 | .004 | .069 |
| 33540 | .17 | .005 | .107 |
| 33541 | .24 | .007 | .190 |
| 33542 | .18 | .005 | .149 |
| 33543 | .17 | .005 | .145 |
| 33544 | .15 | .004 | .082 |
| 33545 | .11 | .003 | .107 |
| 33546 | .44 | .013 | .219 |
| 33547 | .29 | .008 | .160 |
| 33548 | .13 | .004 | .108 |
| 33549 | .10 | .003 | .072 |

*AU - 1 ASSAY TON.

Certified by



MIN-EN LABORATORIES

Assay Certificate **KN 91-45**

1V-1328-RA2

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS / R. BOWER / M. REBAGLIATI**

Date: **OCT-25-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-19-91 by B. BOWEN.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33550 | .09 | .003 | .078 |
| 33551 | .22 | .006 | .130 |
| 33552 | .21 | .006 | .146 |
| 33553 | .03 | .001 | .138 |
| 33554 | .08 | .002 | .145 |
| 33555 | .19 | .006 | .112 |
| 33556 | .25 | .007 | .160 |
| 33557 | .10 | .003 | .103 |
| 33558 | .23 | .007 | .137 |
| 33559 | .22 | .006 | .143 |
| 33560 | .12 | .004 | .109 |
| 33561 | .09 | .003 | .088 |
| 33562 | .13 | .004 | .106 |
| 33563 | .12 | .004 | .118 |
| 33564 | .10 | .003 | .090 |
| 33565 | .17 | .005 | .144 |
| 33566 | .09 | .003 | .114 |
| 33567 | .23 | .007 | .135 |
| 33568 | .34 | .010 | .260 |
| 33569 | .26 | .008 | .228 |
| 33570 | .09 | .003 | .121 |
| 33571 | .12 | .004 | .168 |
| 33572 | .18 | .005 | .116 |
| 33573 | .09 | .003 | .105 |

*AU - 1 ASSAY TON.

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FAX (604) 980-9821

SMITHERS LAB.:
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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate KN71-45

1V-1328-RA3

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/N. REBAGLIATI

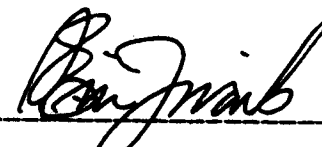
Date: OCT-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-19-91 by B. BOWEN.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33574 | .13 | .004 | .101 |
| 33575 | .07 | .002 | .114 |
| 33576 | .03 | .001 | .080 |
| 33577 | .01 | .001 | .073 |
| 33578 | .15 | .004 | .146 |
| 33579 | .10 | .003 | .112 |
| 33580 | .20 | .006 | .161 |
| 33581 | .18 | .005 | .142 |
| 33582 | .24 | .007 | .187 |
| 33583 | .14 | .004 | .133 |
| 33584 | .13 | .004 | .114 |
| 33585 | .11 | .003 | .130 |
| 33586 | .16 | .005 | .179 |
| 33587 | .06 | .002 | .147 |
| 33588 | .02 | .001 | .095 |
| 33589 | .06 | .002 | .112 |
| 33590 | .05 | .001 | .102 |
| 33591 | .03 | .001 | .095 |
| 33592 | .02 | .001 | .069 |
| 33593 | .11 | .003 | .093 |
| 33594 | .04 | .001 | .085 |
| 33595 | .22 | .006 | .151 |
| 33596 | .04 | .001 | .097 |
| 33597 | .10 | .003 | .127 |

*AU - 1 ASSAY TON.

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FAX (604) 980-8621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate *KN91-45*

1V-1328-RA4

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

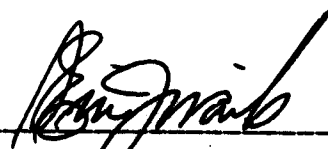
Date: OCT-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples
submitted OCT-19-91 by B. BOWEN.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33598 | .32 | .009 | .140 |
| 33599 | .08 | .002 | .107 |
| 33600 | .20 | .006 | .130 |
| 33601 | .34 | .010 | .204 |
| 33602 | .03 | .001 | .082 |
| 33603 | .04 | .001 | .121 |
| 33604 | .09 | .003 | .103 |
| 33605 | .04 | .001 | .076 |
| 33606 | .03 | .001 | .097 |
| 33607 | .06 | .002 | .083 |
| 33608 | .21 | .006 | .204 |
| 33609 | .09 | .003 | .122 |
| 33610 | .32 | .009 | .196 |
| 33611 | .19 | .006 | .146 |
| 33612 | .19 | .006 | .174 |
| 33613 | .14 | .004 | .162 |
| 33614 | .22 | .006 | .200 |
| 33615 | .20 | .006 | .131 |
| 33616 | .23 | .007 | .200 |
| 33617 | .36 | .011 | .227 |
| 33618 | .14 | .004 | .108 |
| 33619 | .10 | .003 | .083 |
| 33620 | .11 | .003 | .123 |
| 33621 | .10 | .003 | .114 |

*AU - 1 ASSAY TON.

Certified by



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Assay Certificate *KN 91-45*

1V-1328-RA5

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/R. BOWER/M. REBAGLIATI

Date: OCT-25-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 20 CORE samples submitted OCT-19-91 by B. BOWEN.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 33622 | .23 | .007 | .126 |
| 33623 | .03 | .001 | .050 |
| 33624 | .10 | .003 | .119 |
| 33625 | .09 | .003 | .095 |
| 33626 | .30 | .009 | .222 |
| 33627 | .10 | .003 | .108 |
| 33628 | .15 | .004 | .133 |
| 33629 | .12 | .004 | .137 |
| 33630 | .10 | .003 | .089 |
| 33631 | .11 | .003 | .111 |
| 33632 | .09 | .003 | .106 |
| 33633 | .13 | .004 | .139 |
| 33634 | .11 | .003 | .106 |
| 33635 | .12 | .004 | .096 |
| 33636 | .15 | .004 | .108 |
| 33637 | .24 | .007 | .151 |
| 33638 | .10 | .003 | .103 |
| 33639 | .11 | .003 | .104 |
| 33640 | .15 | .004 | .100 |
| 33641 | .10 | .003 | .118 |

*AU - 1 ASSAY TON.

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FAX (604) 980-9821

SMITHERS LAB.:
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TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate **KN 91-46**

1V-1334-RA1

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-26-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-23-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CUZ |
|---------------|-------------|------------|-----------|
| 33642 | .08 | .002 | .010 |
| 33643 | .42 | .012 | .024 |
| 33644 | .38 | .011 | .160 |
| 33645 | .27 | .008 | .149 |
| 33646 | .58 | .017 | .426 |
| 33647 | .41 | .012 | .255 |
| 33648 | .67 | .020 | .442 |
| 33649 | .53 | .015 | .360 |
| 33650 | .64 | .019 | .323 |
| 33651 | .58 | .017 | .344 |
| 33652 | .19 | .006 | .159 |
| 33653 | .30 | .009 | .223 |
| 33654 | .12 | .004 | .078 |
| 33655 | .28 | .008 | .181 |
| 33656 | .20 | .006 | .116 |
| 33657 | .28 | .008 | .163 |
| 33658 | .34 | .010 | .190 |
| 33659 | .23 | .007 | .143 |
| 33660 | .27 | .008 | .135 |
| 33661 | .29 | .008 | .185 |
| 33662 | .37 | .011 | .220 |
| 33663 | .20 | .006 | .108 |
| 33664 | .22 | .006 | .109 |
| 33665 | .64 | .019 | .326 |

*AU = 1 ASSAY TON.

Certified by

Barney Bowen

Assay Certificate *KN 91-46*

1V-1334-RA2

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-26-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-23-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33666 | .90 | .026 | .591 |
| 33667 | .12 | .004 | .087 |
| 33668 | .12 | .004 | .096 |
| 33669 | .18 | .005 | .102 |
| 33670 | .10 | .003 | .070 |
| 33671 | .12 | .004 | .081 |
| 33672 | .14 | .004 | .061 |
| 33673 | .20 | .006 | .086 |
| 33674 | .31 | .009 | .097 |
| 33675 | .10 | .003 | .074 |
| 33676 | .19 | .006 | .052 |
| 33677 | .09 | .003 | .063 |
| 33678 | .10 | .003 | .067 |
| 33679 | .10 | .003 | .060 |
| 33680 | .12 | .004 | .078 |
| 33681 | .27 | .008 | .096 |
| 33682 | .22 | .006 | .089 |
| 33683 | .09 | .003 | .050 |
| 33684 | .09 | .003 | .059 |
| 33685 | .08 | .002 | .060 |
| 33686 | .07 | .002 | .046 |
| 33687 | .19 | .006 | .071 |
| 33688 | .08 | .002 | .041 |
| 33689 | .12 | .004 | .052 |

*AU = 1 ASSAY TON.

Certified by *Barney Bowen*

Assay Certificate **KN 91-46**

1V-1334-RA3

Company: **EL CONDOR RESOURCES**
 Project: **91205**
 Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-26-91**
 Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-23-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33690 | .12 | .004 | .091 |
| 33691 | .09 | .003 | .037 |
| 33692 | .10 | .003 | .052 |
| 33693 | .10 | .003 | .047 |
| 33694 | .12 | .004 | .051 |
| 33695 | .12 | .004 | .052 |
| 33696 | .10 | .003 | .040 |
| 33697 | .09 | .003 | .054 |
| 33698 | .10 | .003 | .062 |
| 33699 | .11 | .003 | .087 |
| 33700 | .10 | .003 | .048 |
| 33701 | .07 | .002 | .041 |
| 33702 | .04 | .001 | .031 |
| 33703 | .14 | .004 | .080 |
| 33704 | .10 | .003 | .072 |
| 33705 | .12 | .004 | .078 |
| 33706 | .09 | .003 | .067 |
| 33707 | .07 | .002 | .049 |
| 33708 | .23 | .007 | .086 |
| 33709 | .08 | .002 | .045 |
| 33710 | .14 | .004 | .065 |
| 33711 | .13 | .004 | .069 |
| 33712 | .09 | .003 | .036 |
| 33713 | .11 | .003 | .074 |

*AU = 1 ASSAY TON.

Certified by *Barney Bowen*

Assay Certificate **KN91-46**

1V-1334-RA4

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-26-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-23-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33714 | .08 | .002 | .048 |
| 33715 | .12 | .004 | .075 |
| 33716 | .14 | .004 | .072 |
| 33717 | .12 | .004 | .070 |
| 33718 | .12 | .004 | .076 |
| 33719 | .10 | .003 | .067 |
| 33720 | .11 | .003 | .071 |
| 33721 | .18 | .005 | .156 |
| 33722 | .25 | .007 | .135 |
| 33723 | .32 | .009 | .152 |
| 33724 | .57 | .017 | .291 |
| 33725 | .70 | .020 | .257 |
| 33726 | .38 | .011 | .178 |
| 33727 | .33 | .010 | .163 |
| 33728 | .21 | .006 | .139 |
| 33729 | .43 | .013 | .258 |
| 33730 | .60 | .018 | .401 |
| 33731 | .52 | .015 | .256 |
| 33732 | .50 | .015 | .204 |
| 33733 | .18 | .005 | .137 |
| 33734 | .33 | .010 | .171 |
| 33735 | .22 | .006 | .140 |
| 33736 | .18 | .005 | .112 |
| 33737 | .17 | .005 | .129 |

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FAX (604) 980-9821

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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate KN 91-46

1V-1334-RA5

Company: EL CONDOR RESOURCES
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: OCT-26-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-23-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33738 | .13 | .004 | .115 |
| 33739 | .12 | .004 | .098 |
| 33740 | .10 | .003 | .100 |
| 33741 | .11 | .003 | .081 |
| 33742 | .13 | .004 | .092 |
| 33743 | .09 | .003 | .083 |
| 33744 | .20 | .006 | .140 |
| 33745 | .39 | .011 | .226 |
| 33746 | .24 | .007 | .154 |
| 33747 | .44 | .013 | .273 |
| 33748 | .30 | .009 | .187 |
| 33749 | .36 | .011 | .206 |
| 33750 | .38 | .011 | .228 |
| 33751 | .60 | .018 | .314 |
| 33752 | .44 | .013 | .287 |
| 33753 | .41 | .012 | .168 |
| 33754 | .17 | .005 | .086 |
| 33755 | .30 | .009 | .136 |
| 33756 | .11 | .003 | .064 |
| 33757 | .37 | .011 | .161 |
| 33758 | 1.15 | .034 | .413 |
| 33759 | .56 | .016 | .217 |
| 33760 | .30 | .009 | .206 |
| 33761 | .16 | .005 | .104 |

*AU = 1 ASSAY TON.

Certified by *Barney Bowen*



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FAX (604) 980-9821

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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate **KN 91-46**

1V-1334-RA6

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-26-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted OCT-23-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33762 | .17 | .005 | .107 |
| 33763 | .31 | .009 | .192 |
| 33764 | .44 | .013 | .165 |
| 33765 | .71 | .021 | .209 |
| 33766 | .46 | .013 | .200 |
| 33767 | .33 | .010 | .128 |
| 33768 | .49 | .014 | .245 |
| 33769 | .32 | .009 | .155 |
| 33770 | .46 | .013 | .176 |
| 33771 | .31 | .009 | .154 |
| 33772 | .20 | .006 | .143 |
| 33773 | .22 | .006 | .194 |
| 33774 | .35 | .010 | .131 |
| 33775 | .40 | .012 | .143 |
| 33776 | .55 | .016 | .189 |
| 33777 | .30 | .009 | .112 |
| 33778 | .20 | .006 | .096 |
| 33779 | .36 | .011 | .155 |
| 33780 | .62 | .018 | .224 |
| 33781 | .49 | .014 | .203 |
| 33782 | .47 | .014 | .190 |
| 33783 | .30 | .009 | .174 |
| 33784 | .39 | .011 | .140 |
| 33785 | .30 | .009 | .165 |

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FAX (604) 980-9821

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Assay Certificate **KN 91-46**

1V-1334-RA7

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **OCT-26-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 6 CORE samples submitted OCT-23-91 by BARNEY BOWEN.

| Sample Number | *AU g/tonne | *AU oz/ton | TOTAL CU% |
|---------------|-------------|------------|-----------|
| 33786 | .19 | .006 | .131 |
| 33787 | .23 | .007 | .127 |
| 33788 | .46 | .013 | .207 |
| 33789 | .32 | .009 | .184 |
| 33790 | .21 | .006 | .115 |
| 33791 | .56 | .016 | .160 |

*AU = 1 ASSAY TON.

Certified by *Barney Bowen*



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SMITHERS LAB.:
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SMITHERS, B.C. CANADA V0J 2N0
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FAX (604) 847-3005

Assay Certificate **KN 91-51**

1V-1456-RA1

Company: **EL CONDOR RESOURCES**
Project: **91205**
Attn: **M.HARRIS/B.BOWER/M.REBAGLIATI**

Date: **NOV-19-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted NOV-12-91 by L.DEMCZUK.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 35573 | .10 | .003 | .055 |
| 35574 | .09 | .003 | .035 |
| 35575 | .11 | .003 | .019 |
| 35576 | .08 | .002 | .057 |
| 35577 | .10 | .003 | .029 |
| 35578 | .11 | .003 | .074 |
| 35579 | .19 | .006 | .222 |
| 35580 | .17 | .005 | .301 |
| 35581 | .10 | .003 | .065 |
| 35582 | .12 | .004 | .097 |
| 35583 | .18 | .005 | .154 |
| 35584 | .03 | .001 | .053 |
| 35585 | .11 | .003 | .128 |
| 35586 | .13 | .004 | .128 |
| 35587 | .26 | .008 | .213 |
| 35588 | .04 | .001 | .030 |
| 35589 | .10 | .003 | .072 |
| 35590 | .12 | .004 | .113 |
| 35591 | .21 | .006 | .103 |
| 35592 | .18 | .005 | .094 |
| 35593 | .28 | .008 | .107 |
| 35594 | .18 | .005 | .102 |
| 35595 | .17 | .005 | .088 |
| 35596 | .21 | .006 | .069 |

*AU - 1 ASSAY TON.

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TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate *KN 91-51*

1V-1456-RA2

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M.HARRIS/B.BOWER/M.REBAGLIATI

Date: NOV-19-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted NOV-12-91 by L.DEMCZUK.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 35597 | .08 | .002 | .035 |
| 35598 | .12 | .004 | .070 |
| 35599 | .21 | .006 | .174 |
| 35600 | .22 | .006 | .130 |
| 35601 | .15 | .004 | .113 |
| 35602 | .19 | .006 | .038 |
| 35603 | .19 | .006 | .066 |
| 35604 | .10 | .003 | .058 |
| 35605 | .11 | .003 | .058 |
| 35606 | .14 | .004 | .047 |
| 35607 | .12 | .004 | .043 |
| 35608 | .05 | .001 | .029 |
| 35609 | .15 | .004 | .106 |
| 35610 | .45 | .013 | .217 |
| 35611 | .29 | .008 | .109 |
| 35612 | .06 | .002 | .025 |
| 35613 | .20 | .006 | .161 |
| 35614 | .21 | .006 | .156 |
| 35615 | .31 | .009 | .184 |
| 35616 | .53 | .015 | .264 |
| 35617 | .42 | .012 | .203 |
| 35618 | .31 | .009 | .187 |
| 35619 | .94 | .027 | .436 |
| 35620 | .44 | .013 | .143 |

*AU - 1 ASSAY TON.

Certified by _____

[Handwritten Signature]

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Assay Certificate *KN 91-51*

1V-1456-RA3

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M.HARRIS/B.BOWER/M.REBAGLIATI

Date: NOV-19-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted NOV-12-91 by L.DEMCZUK.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|---------------------|--------------------|---------------|
| 35621 | .47 | .014 | .146 |
| 35622 | .46 | .013 | .139 |
| 35623 | .62 | .018 | .198 |
| 35624 | .31 | .009 | .102 |
| 35625 | .40 | .012 | .152 |
| 35626 | .33 | .010 | .159 |
| 35627 | .30 | .009 | .131 |
| 35628 | .29 | .008 | .133 |
| 35629 | .30 | .009 | .097 |
| 35630 | .09 | .003 | .023 |
| 35631 | .28 | .008 | .157 |
| 35632 | .44 | .013 | .280 |
| 35633 | .19 | .006 | .086 |
| 35634 | .14 | .004 | .077 |
| 35635 | .12 | .004 | .102 |
| 35636 | .08 | .002 | .040 |
| 35637 | .12 | .004 | .093 |
| 35638 | .18 | .005 | .149 |
| 35639 | .10 | .003 | .052 |
| 35640 | .19 | .006 | .106 |
| 35641 | .15 | .004 | .084 |
| 35642 | .25 | .007 | .114 |
| 35643 | .20 | .006 | .140 |
| 35644 | .10 | .003 | .088 |

*AU - 1 ASSAY TON.

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3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate *KN 91-51*

1V-1456-RA4

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M.HARRIS/B.BOWER/M.REBAGLIATI

Date: **NOV-19-91**
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted NOV-12-91 by L.DEMCZUK.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 35645 | 1.83 | .053 | 1.310 |
| 35646 | .58 | .017 | .468 |
| 35647 | .12 | .004 | .048 |
| 35648 | .26 | .008 | .089 |
| 35649 | .15 | .004 | .071 |
| 35650 | .13 | .004 | .056 |
| 35651 | .10 | .003 | .039 |
| 35652 | .11 | .003 | .047 |
| 35653 | .13 | .004 | .056 |
| 35654 | .24 | .007 | .085 |
| 35655 | .18 | .005 | .077 |
| 35656 | .19 | .006 | .097 |
| 35657 | .20 | .006 | .104 |
| 35658 | .28 | .008 | .096 |
| 35659 | .11 | .003 | .066 |
| 35660 | .22 | .006 | .109 |
| 35661 | .31 | .009 | .160 |
| 35662 | .50 | .015 | .194 |
| 35663 | .46 | .013 | .167 |
| 35664 | .62 | .018 | .256 |
| 35665 | .49 | .014 | .219 |
| 35666 | .48 | .014 | .171 |
| 35667 | .43 | .013 | .165 |
| 35668 | .24 | .007 | .114 |

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES



**MIN-EN
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9821

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate *KN 91-51*

1V-1456-RA5

Company: **EL CONDOR RESOURCES**
Project: 91205
Attn: M. HARRIS/B. BOWER/M. REBAGLIATI

Date: NOV-19-91
Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted NOV-12-91 by L. DEMCZUK.

| Sample Number | *AU-FIRE q/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 35669 | .18 | .005 | .066 |
| 35670 | .15 | .004 | .053 |
| 35671 | .14 | .004 | .048 |
| 35672 | .09 | .003 | .051 |
| 35673 | .72 | .021 | .263 |
| 35674 | .24 | .007 | .126 |
| 35675 | .38 | .011 | .168 |
| 35676 | .19 | .006 | .090 |
| 35677 | .17 | .005 | .078 |
| 35678 | .21 | .006 | .064 |
| 35679 | .18 | .005 | .057 |
| 35680 | .13 | .004 | .044 |
| 35681 | .12 | .004 | .058 |
| 35682 | .12 | .004 | .055 |
| 35683 | .17 | .005 | .073 |
| 35684 | .11 | .003 | .042 |
| 35685 | .15 | .004 | .061 |
| 35686 | .10 | .003 | .026 |
| 35687 | .12 | .004 | .047 |
| 35688 | .10 | .003 | .054 |
| 35689 | .18 | .005 | .071 |
| 35690 | .16 | .005 | .075 |
| 35691 | .19 | .006 | .093 |
| 35692 | .13 | .004 | .039 |

*AU - 1 ASSAY TON.

Certified by

MIN-EN LABORATORIES



MIN-EN
LABORATORIES
 (DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
 CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
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 TELEPHONE (604) 980-5814 OR (604) 988-4524
 FAX (604) 980-9821

SMITHERS LAB.:
 3176 TATLOW ROAD
 SMITHERS, B.C. CANADA V0J 2N0
 TELEPHONE (604) 847-3004
 FAX (604) 847-3005

Assay Certificate **KN 91-51**

1V-1456-RA7

Company: **EL CONDOR RESOURCES**
 Project: **91205**
 Attn: **M. HARRIS/B. BOWER/M. REBAGLIATI**

Date: **NOV-19-91**
 Copy 1. EL CONDOR RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 15 CORE samples submitted NOV-12-91 by L. DEMCZUK.

| Sample Number | *AU-FIRE g/tonne | *AU-FIRE oz/ton | TOTAL-CU % |
|---------------|------------------|-----------------|------------|
| 35717 | .28 | .008 | .142 |
| 35718 | .24 | .007 | .119 |
| 35719 | .19 | .006 | .093 |
| 35720 | .14 | .004 | .051 |
| 35721 | .30 | .009 | .102 |
| 35722 | .26 | .008 | .126 |
| 35723 | .22 | .006 | .116 |
| 35724 | .24 | .007 | .101 |
| 35725 | .19 | .006 | .087 |
| 35726 | .18 | .005 | .076 |
| 35727 | .09 | .003 | .042 |
| 35728 | .12 | .004 | .052 |
| 35729 | .20 | .006 | .100 |
| 35730 | .02 | .001 | .016 |
| 35731 | .13 | .004 | .071 |

*AU - 1 ASSAY TON.

Certified by _____

[Handwritten Signature]

MIN-EN LABORATORIES

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-44

MIN-EN LABS — ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1V-1321-RJ1+2

DATE: 91/10/25

* CORE * (ACT:F31)

Table with columns: SAMPLE NUMBER, AG PPM, AL PPM, AS PPM, B PPM, BA PPM, BE PPM, BI PPM, CA PPM, CD PPM, CO PPM, CU PPM, FE PPM, K PPM, LI PPM, MG PPM, MN PPM, MO PPM, NA PPM, NI PPM, P PPM, PB PPM, SB PPM, SR PPM, TH PPM, TI PPM, V PPM, ZN PPM, GA PPM, SN PPM, W PPM, CR PPM. Rows contain sample IDs and corresponding element concentrations.

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-44

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 1V-1321-RJ3+4

DATE: 91/10/25

* CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | Tl PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 33476 | 1.1 | 43550 | 30 | 14 | 30 | .7 | 16 | 24250 | .1 | 41 | 593 | 75830 | 1460 | 30 | 33770 | 803 | 2 | 450 | 6 | 830 | 20 | 1 | 36 | 1 | 3631 | 248.3 | 77 | 1 | 3 | 7 | 87 |
| 33477 | 1.1 | 39490 | 1 | 7 | 61 | .4 | 15 | 22950 | .1 | 38 | 641 | 69340 | 2170 | 22 | 33780 | 795 | 6 | 370 | 7 | 190 | 19 | 1 | 35 | 1 | 3383 | 239.9 | 67 | 1 | 2 | 6 | 87 |
| 33478 | 1.1 | 44790 | 1 | 5 | 21 | .3 | 16 | 25670 | .1 | 39 | 631 | 67630 | 1750 | 21 | 32410 | 732 | 4 | 420 | 6 | 100 | 23 | 1 | 38 | 1 | 3511 | 250.7 | 67 | 1 | 2 | 6 | 75 |
| 33479 | 1.0 | 42240 | 1 | 4 | 17 | .5 | 13 | 23830 | .1 | 38 | 665 | 62710 | 1750 | 21 | 30130 | 633 | 10 | 410 | 7 | 730 | 26 | 1 | 48 | 1 | 2960 | 198.9 | 64 | 1 | 1 | 4 | 61 |
| 33480 | 1.3 | 38400 | 1 | 4 | 21 | .4 | 15 | 20120 | .1 | 35 | 724 | 65050 | 2730 | 20 | 31210 | 711 | 21 | 370 | 6 | 880 | 20 | 1 | 45 | 1 | 3364 | 229.4 | 60 | 1 | 1 | 6 | 88 |
| 33481 | 1.2 | 43700 | 1 | 4 | 27 | .2 | 16 | 21430 | .1 | 43 | 857 | 75020 | 2530 | 25 | 37890 | 1074 | 6 | 480 | 6 | 920 | 18 | 1 | 53 | 1 | 3888 | 260.1 | 73 | 1 | 2 | 6 | 90 |
| 33482 | 1.0 | 53290 | 1 | 5 | 14 | .2 | 15 | 34780 | .1 | 53 | 999 | 84970 | 2160 | 25 | 40390 | 1112 | 14 | 460 | 7 | 860 | 21 | 1 | 39 | 1 | 3981 | 262.5 | 89 | 1 | 1 | 5 | 96 |
| 33483 | 1.0 | 40460 | 1 | 3 | 37 | .3 | 14 | 20090 | .1 | 39 | 627 | 65120 | 1890 | 21 | 34710 | 996 | 7 | 480 | 7 | 900 | 18 | 1 | 54 | 1 | 3323 | 237.2 | 75 | 1 | 2 | 5 | 85 |
| 33484 | 1.2 | 46310 | 1 | 3 | 12 | .4 | 15 | 33280 | .1 | 32 | 488 | 63700 | 1430 | 18 | 34980 | 1161 | 5 | 460 | 3 | 940 | 16 | 1 | 35 | 1 | 3455 | 244.3 | 78 | 1 | 2 | 6 | 82 |
| 33485 | .9 | 41570 | 1 | 2 | 15 | .2 | 16 | 22230 | .1 | 24 | 401 | 66520 | 1310 | 20 | 34120 | 1437 | 5 | 490 | 1 | 970 | 21 | 1 | 40 | 1 | 3605 | 256.1 | 79 | 1 | 2 | 5 | 77 |
| 33486 | 1.3 | 45080 | 1 | 2 | 23 | .4 | 17 | 21420 | .1 | 34 | 578 | 65860 | 1840 | 25 | 39340 | 1141 | 5 | 460 | 4 | 950 | 16 | 1 | 52 | 1 | 3825 | 268.5 | 75 | 1 | 2 | 6 | 91 |
| 33487 | 1.1 | 45590 | 1 | 3 | 36 | .5 | 15 | 24780 | .1 | 40 | 967 | 79730 | 1820 | 26 | 37140 | 858 | 10 | 440 | 4 | 920 | 17 | 1 | 36 | 1 | 3763 | 250.5 | 77 | 1 | 2 | 5 | 79 |
| 33488 | 1.1 | 51530 | 1 | 3 | 54 | .5 | 16 | 35970 | .1 | 39 | 600 | 75420 | 1540 | 22 | 32980 | 759 | 15 | 520 | 3 | 920 | 19 | 1 | 43 | 1 | 3704 | 254.0 | 72 | 1 | 2 | 5 | 75 |
| 33489 | 1.0 | 51640 | 1 | 3 | 48 | .4 | 13 | 39080 | .1 | 33 | 689 | 64880 | 2870 | 30 | 39700 | 917 | 7 | 390 | 4 | 940 | 23 | 1 | 34 | 1 | 3260 | 226.4 | 103 | 1 | 2 | 6 | 109 |
| 33490 | 1.4 | 47010 | 1 | 2 | 110 | .4 | 12 | 42500 | .1 | 28 | 1050 | 56930 | 2250 | 14 | 19410 | 631 | 27 | 640 | 9 | 810 | 36 | 1 | 50 | 1 | 2419 | 191.1 | 71 | 3 | 1 | 7 | 138 |
| 33491 | 1.1 | 41900 | 1 | 2 | 96 | .5 | 14 | 25440 | .1 | 29 | 616 | 58510 | 2700 | 16 | 30140 | 729 | 10 | 630 | 4 | 960 | 21 | 1 | 83 | 1 | 3210 | 240.5 | 79 | 1 | 1 | 6 | 101 |
| 33492 | 1.1 | 48580 | 1 | 3 | 33 | .6 | 14 | 23820 | .1 | 45 | 957 | 74790 | 2140 | 21 | 36200 | 964 | 11 | 590 | 4 | 890 | 25 | 1 | 63 | 1 | 3512 | 234.3 | 101 | 1 | 2 | 6 | 95 |
| 33493 | 1.0 | 38250 | 1 | 2 | 20 | .6 | 14 | 17610 | .1 | 28 | 498 | 66300 | 1900 | 17 | 35530 | 1048 | 6 | 710 | 2 | 970 | 20 | 1 | 45 | 1 | 3329 | 252.1 | 108 | 1 | 2 | 5 | 86 |
| 33494 | 1.3 | 41720 | 1 | 2 | 18 | .6 | 16 | 23820 | .1 | 25 | 292 | 56670 | 2080 | 16 | 33630 | 858 | 2 | 570 | 1 | 980 | 24 | 1 | 50 | 1 | 3476 | 255.7 | 104 | 1 | 2 | 5 | 81 |
| 33495 | 1.6 | 40730 | 1 | 2 | 11 | .4 | 16 | 19850 | .1 | 35 | 692 | 63890 | 1430 | 16 | 34660 | 849 | 21 | 500 | 1 | 950 | 20 | 1 | 27 | 1 | 3672 | 255.3 | 113 | 1 | 2 | 6 | 94 |
| 33496 | 1.2 | 40980 | 1 | 3 | 9 | .3 | 16 | 20650 | .1 | 32 | 715 | 80840 | 1350 | 18 | 34930 | 916 | 26 | 490 | 1 | 900 | 24 | 1 | 24 | 1 | 3742 | 260.1 | 131 | 1 | 2 | 6 | 106 |
| 33497 | 1.6 | 43350 | 1 | 2 | 7 | .5 | 16 | 23690 | .1 | 40 | 843 | 68480 | 1260 | 17 | 33030 | 882 | 18 | 530 | 4 | 980 | 25 | 1 | 27 | 1 | 3635 | 235.5 | 120 | 1 | 2 | 6 | 94 |
| 33498 | 1.3 | 42360 | 1 | 4 | 8 | .4 | 15 | 19780 | .1 | 64 | 1192 | 80310 | 2010 | 19 | 37110 | 898 | 12 | 460 | 9 | 920 | 21 | 1 | 23 | 1 | 3659 | 247.1 | 139 | 1 | 1 | 6 | 101 |
| 33499 | 1.6 | 43070 | 1 | 2 | 8 | .3 | 17 | 39270 | .1 | 28 | 507 | 58580 | 1980 | 19 | 35220 | 1030 | 10 | 440 | 4 | 880 | 25 | 1 | 26 | 1 | 3653 | 235.3 | 153 | 1 | 1 | 6 | 101 |
| 33500 | 1.5 | 33990 | 35 | 16 | 10 | .7 | 12 | 26940 | .1 | 38 | 675 | 57410 | 1030 | 26 | 34190 | 1082 | 17 | 480 | 52 | 910 | 31 | 1 | 39 | 1 | 2472 | 149.2 | 133 | 1 | 3 | 11 | 217 |
| 33501 | .6 | 33590 | 1 | 8 | 14 | .3 | 10 | 19650 | .1 | 49 | 368 | 72020 | 1080 | 24 | 40640 | 799 | 1 | 540 | 80 | 820 | 17 | 1 | 66 | 1 | 2426 | 160.6 | 107 | 1 | 1 | 15 | 334 |
| 33502 | .8 | 32600 | 1 | 6 | 41 | .3 | 8 | 21190 | .1 | 41 | 702 | 61640 | 1810 | 18 | 35150 | 837 | 5 | 670 | 58 | 960 | 17 | 1 | 199 | 1 | 2017 | 155.9 | 101 | 1 | 1 | 14 | 306 |
| 33503 | 1.1 | 40250 | 1 | 6 | 25 | .4 | 10 | 23620 | .1 | 35 | 890 | 61680 | 1840 | 19 | 36570 | 776 | 19 | 1170 | 33 | 1020 | 16 | 1 | 117 | 1 | 2369 | 199.0 | 109 | 1 | 1 | 11 | 224 |
| 33504 | .9 | 34450 | 1 | 5 | 13 | .4 | 8 | 21230 | .1 | 33 | 468 | 57980 | 1600 | 13 | 26410 | 639 | 9 | 1610 | 27 | 950 | 29 | 1 | 55 | 1 | 2120 | 186.4 | 88 | 1 | 1 | 9 | 164 |
| 33505 | 1.0 | 33380 | 1 | 5 | 15 | .3 | 10 | 18750 | .1 | 33 | 624 | 59870 | 1340 | 17 | 34900 | 717 | 22 | 570 | 25 | 990 | 20 | 1 | 75 | 1 | 2571 | 210.7 | 100 | 1 | 2 | 10 | 206 |
| 33506 | .6 | 43920 | 1 | 7 | 35 | .5 | 12 | 18540 | .1 | 44 | 851 | 72860 | 3320 | 28 | 54470 | 998 | 63 | 670 | 25 | 1150 | 11 | 1 | 184 | 1 | 2910 | 253.7 | 107 | 1 | 2 | 11 | 237 |
| 33507 | .8 | 37960 | 1 | 4 | 16 | .5 | 9 | 15950 | .1 | 29 | 440 | 52640 | 2830 | 20 | 35970 | 665 | 48 | 1130 | 18 | 900 | 22 | 1 | 92 | 1 | 2147 | 190.7 | 72 | 1 | 1 | 10 | 216 |
| 33508 | .8 | 44030 | 1 | 7 | 41 | .4 | 10 | 25000 | .1 | 39 | 1002 | 63590 | 4120 | 29 | 40870 | 866 | 54 | 940 | 19 | 950 | 19 | 1 | 287 | 1 | 2476 | 224.3 | 96 | 1 | 2 | 9 | 177 |
| 33509 | .7 | 44990 | 1 | 5 | 47 | .2 | 11 | 21200 | .1 | 31 | 1032 | 76800 | 2130 | 21 | 33970 | 859 | 12 | 2200 | 11 | 900 | 22 | 1 | 461 | 1 | 2757 | 252.3 | 82 | 1 | 1 | 8 | 144 |
| 33510 | .6 | 42870 | 1 | 6 | 50 | .7 | 9 | 19010 | .1 | 33 | 803 | 60000 | 3910 | 30 | 33250 | 937 | 9 | 2120 | 14 | 1060 | 25 | 1 | 429 | 1 | 2142 | 230.6 | 96 | 1 | 1 | 7 | 108 |
| 33511 | 6.0 | 38770 | 1 | 6 | 30 | .5 | 11 | 30390 | .1 | 34 | 3447 | 68940 | 3760 | 33 | 32250 | 1844 | 37 | 400 | 17 | 940 | 84 | 1 | 138 | 1 | 1313 | 190.4 | 495 | 1 | 1 | 8 | 141 |
| 33512 | 1.3 | 42950 | 1 | 6 | 37 | .3 | 12 | 22400 | .1 | 34 | 1225 | 63160 | 3660 | 28 | 45980 | 1395 | 42 | 910 | 18 | 950 | 20 | 1 | 283 | 1 | 2992 | 230.2 | 104 | 1 | 2 | 9 | 178 |
| 33513 | 1.8 | 43710 | 1 | 5 | 41 | .2 | 16 | 20010 | .1 | 29 | 1118 | 55480 | 1910 | 22 | 37360 | 928 | 39 | 1610 | 9 | 1050 | 21 | 1 | 307 | 1 | 3381 | 250.6 | 94 | 1 | 3 | 8 | 145 |
| 33514 | 1.6 | 36270 | 1 | 4 | 29 | .2 | 15 | 17290 | .1 | 34 | 849 | 57750 | 1720 | 26 | 38440 | 882 | 19 | 750 | 10 | 970 | 17 | 1 | 179 | 1 | 3415 | 243.5 | 83 | 1 | 3 | 7 | 117 |
| 33515 | 2.0 | 36980 | 1 | 5 | 10 | .2 | 16 | 19630 | .1 | 41 | 1477 | 60850 | 1940 | 19 | 36690 | 750 | 48 | 390 | 16 | 980 | 18 | 1 | 25 | 1 | 3474 | 257.8 | 87 | 1 | 3 | 11 | 206 |
| 33516 | 1.8 | 39640 | 1 | 4 | 17 | .2 | 15 | 23740 | .1 | 41 | 1360 | 65170 | 1820 | 16 | 31660 | 762 | 12 | 600 | 12 | 960 | 23 | 1 | 81 | 1 | 3364 | 247.2 | 82 | 1 | 2 | 8 | 116 |
| 33517 | 2.4 | 39510 | 1 | 4 | 14 | .3 | 14 | 19730 | .1 | 34 | 1668 | 52820 | 1970 | 21 | 36150 | 727 | 57 | 460 | 14 | 830 | 22 | 1 | 65 | 1 | 3286 | 233.4 | 88 | 1 | 2 | 9 | 168 |
| 33518 | 1.3 | 34510 | 1 | 5 | 14 | .3 | 12 | 19480 | .1 | 36 | 1422 | 65130 | 2080 | 18 | 34370 | 762 | 42 | 370 | 6 | 830 | 20 | 1 | 46 | 1 | 2938 | 233.6 | 82 | 1 | 2 | 7 | 110 |
| 33519 | 1.6 | 45970 | 1 | 3 | 60 | .1 | 16 | 20440 | .1 | 29 | 822 | 54810 | 1850 | 22 | 36560 | 836 | 11 | 1610 | 7 | 980 | 21 | 1 | 518 | 1 | 3464 | 248.0 | 91 | 1 | 2 | 8 | 121 |
| 33520 | 1.0 | 49500 | 1 | 5 | 98 | .3 | 13 | 19720 | .1 | 41 | 1018 | 67310 | 2690 | 23 | 40130 | 1106 | 16 | 2340 | 14 | 910 | 21 | 1 | 919 | 1 | 3278 | 264.3 | 93 | 1 | 2 | 8 | 129 |
| 33521 | 1.5 | 41750 | 1 | 8 | 29 | .8 | 5 | 44440 | .1 | 34 | 1585 | 54130 | 5270 | 32 | 32570 | 869 | 75 | 550 | 10 | 930 | 32 | 1 | 175 | 1 | 1151 | 170.9 | 99 | 1 | 1 | 7 | 121 |
| 33522 | 2.0 | 38740 | 1 | 6 | 35 | .5 | 8 | 21080 | .1 | 46 | 2470 | 61080 | 5320 | 24 | 35120 | 854 | 40 | 670 | 20 | 970 | 23 | 1 | 248 | 1 | 1885 | 199 | | | | | |

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-45

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 1V-1328-RD1+J2

DATE: 91/10/25

* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 33526 | .9 | 33970 | 108 | 8 | 49 | .7 | 7 | 5570 | .1 | 11 | 282 | 45630 | 5760 | 16 | 17480 | 558 | 41 | 540 | 4 | 2390 | 34 | 1 | 17 | 1 | 938 | 161.3 | 87 | 3 | 1 | 5 | 56 |
| 33527 | .9 | 45400 | 21 | 9 | 60 | 1.1 | 6 | 2790 | .1 | 18 | 776 | 62310 | 6000 | 24 | 47550 | 843 | 67 | 190 | 45 | 1700 | 23 | 1 | 18 | 1 | 1015 | 201.7 | 126 | 1 | 2 | 13 | 302 |
| 33528 | .5 | 33460 | 10 | 9 | 80 | .8 | 6 | 3050 | .1 | 25 | 2132 | 57920 | 8410 | 18 | 21420 | 479 | 140 | 260 | 15 | 1370 | 33 | 1 | 20 | 1 | 846 | 155.5 | 125 | 1 | 1 | 5 | 53 |
| 33529 | .8 | 30270 | 3 | 7 | 60 | .8 | 6 | 3800 | .1 | 25 | 2331 | 51730 | 7940 | 14 | 17790 | 358 | 64 | 250 | 15 | 1420 | 42 | 2 | 14 | 1 | 687 | 143.1 | 121 | 2 | 1 | 4 | 46 |
| 33530 | 1.0 | 33900 | 1 | 6 | 54 | 1.0 | 6 | 4490 | .1 | 24 | 1984 | 47890 | 8550 | 14 | 30440 | 542 | 73 | 350 | 37 | 1180 | 34 | 1 | 17 | 1 | 918 | 171.2 | 184 | 1 | 2 | 8 | 144 |
| 33531 | .8 | 37080 | 1 | 5 | 15 | .7 | 8 | 5740 | .1 | 37 | 965 | 50210 | 1250 | 16 | 54860 | 889 | 12 | 130 | 138 | 870 | 14 | 1 | 18 | 1 | 1442 | 173.9 | 219 | 1 | 2 | 19 | 460 |
| 33532 | 1.0 | 32230 | 1 | 5 | 15 | 1.0 | 9 | 7100 | .1 | 44 | 963 | 47300 | 1180 | 17 | 43630 | 695 | 25 | 160 | 155 | 840 | 19 | 1 | 28 | 1 | 1404 | 152.1 | 229 | 1 | 2 | 19 | 461 |
| 33533 | 1.2 | 30820 | 1 | 5 | 10 | .8 | 8 | 6540 | .1 | 43 | 1029 | 55430 | 1280 | 19 | 58700 | 1011 | 22 | 110 | 152 | 790 | 10 | 1 | 11 | 1 | 1640 | 165.4 | 230 | 1 | 2 | 21 | 514 |
| 33534 | .9 | 36060 | 1 | 5 | 86 | 1.0 | 9 | 8180 | .1 | 35 | 1230 | 55270 | 10870 | 12 | 36940 | 687 | 28 | 1140 | 47 | 1310 | 27 | 1 | 37 | 1 | 1607 | 221.9 | 309 | 1 | 2 | 11 | 227 |
| 33535 | .6 | 38070 | 1 | 5 | 80 | 1.1 | 9 | 10900 | .1 | 31 | 826 | 55530 | 5500 | 10 | 30490 | 821 | 27 | 1050 | 19 | 1300 | 34 | 1 | 83 | 1 | 1346 | 192.0 | 309 | 1 | 2 | 7 | 133 |
| 33536 | .7 | 38470 | 1 | 6 | 73 | .8 | 9 | 13240 | .1 | 38 | 1179 | 67850 | 5580 | 9 | 27780 | 775 | 15 | 880 | 15 | 1300 | 35 | 1 | 47 | 1 | 1687 | 182.2 | 231 | 1 | 2 | 8 | 154 |
| 33537 | .8 | 47760 | 1 | 6 | 104 | .8 | 7 | 14810 | .1 | 32 | 1184 | 63660 | 7360 | 17 | 40690 | 935 | 16 | 2570 | 16 | 1150 | 26 | 1 | 53 | 1 | 1613 | 213.0 | 207 | 1 | 2 | 9 | 171 |
| 33538 | 1.3 | 27570 | 1 | 7 | 50 | .4 | 7 | 51400 | .1 | 19 | 892 | 46460 | 4630 | 8 | 17920 | 543 | 40 | 1390 | 16 | 760 | 23 | 1 | 171 | 1 | 1282 | 165.9 | 119 | 4 | 1 | 8 | 161 |
| 33539 | 1.5 | 38940 | 1 | 5 | 30 | .5 | 12 | 56030 | .1 | 24 | 657 | 52770 | 2230 | 15 | 34020 | 794 | 22 | 1510 | 18 | 910 | 23 | 1 | 209 | 1 | 2302 | 204.2 | 139 | 1 | 3 | 9 | 172 |
| 33540 | 1.3 | 35110 | 1 | 5 | 36 | .5 | 10 | 51400 | .1 | 28 | 1016 | 48690 | 2870 | 11 | 28690 | 700 | 52 | 1640 | 15 | 890 | 27 | 1 | 216 | 1 | 1695 | 184.0 | 110 | 1 | 2 | 8 | 165 |
| 33541 | 2.0 | 27440 | 1 | 4 | 44 | .6 | 7 | 45870 | .1 | 23 | 1616 | 43360 | 4540 | 9 | 23200 | 570 | 62 | 1200 | 21 | 870 | 25 | 1 | 112 | 1 | 1196 | 165.9 | 106 | 3 | 1 | 7 | 126 |
| 33542 | 1.1 | 25280 | 1 | 5 | 31 | .7 | 5 | 50290 | .1 | 32 | 1309 | 60690 | 3590 | 8 | 21990 | 671 | 49 | 810 | 16 | 750 | 24 | 1 | 127 | 1 | 1091 | 136.0 | 83 | 1 | 1 | 7 | 126 |
| 33543 | 1.0 | 27680 | 1 | 6 | 33 | .5 | 7 | 45750 | .1 | 33 | 1271 | 66460 | 3140 | 9 | 28260 | 812 | 66 | 1180 | 13 | 710 | 22 | 1 | 103 | 1 | 1462 | 161.6 | 104 | 1 | 1 | 8 | 152 |
| 33544 | 1.1 | 41320 | 1 | 5 | 17 | .6 | 10 | 47020 | .1 | 29 | 733 | 55480 | 2010 | 14 | 34650 | 952 | 33 | 2810 | 23 | 880 | 23 | 1 | 100 | 1 | 1777 | 219.0 | 111 | 1 | 2 | 9 | 179 |
| 33545 | 1.6 | 25760 | 1 | 4 | 5 | .4 | 10 | 52410 | .1 | 28 | 990 | 48440 | 700 | 7 | 24510 | 809 | 38 | 730 | 24 | 860 | 23 | 1 | 86 | 1 | 1987 | 178.2 | 91 | 2 | 2 | 8 | 142 |
| 33546 | 2.4 | 28730 | 1 | 6 | 5 | .5 | 10 | 49790 | .1 | 35 | 1868 | 52380 | 800 | 9 | 25800 | 565 | 108 | 1690 | 25 | 820 | 24 | 1 | 108 | 1 | 1761 | 174.2 | 99 | 2 | 2 | 8 | 143 |
| 33547 | 1.8 | 25190 | 1 | 7 | 10 | .3 | 10 | 51040 | .1 | 25 | 1403 | 47350 | 1000 | 6 | 19980 | 537 | 197 | 950 | 20 | 850 | 24 | 1 | 90 | 1 | 1704 | 170.7 | 91 | 3 | 2 | 8 | 140 |
| 33548 | 1.2 | 26030 | 5 | 3 | 9 | .4 | 8 | 47010 | .1 | 25 | 883 | 45670 | 790 | 5 | 18360 | 584 | 21 | 1190 | 17 | 800 | 27 | 1 | 91 | 1 | 1381 | 167.5 | 89 | 3 | 2 | 7 | 126 |
| 33549 | 1.4 | 42690 | 1 | 4 | 13 | .6 | 12 | 57550 | .1 | 26 | 650 | 49510 | 790 | 8 | 25300 | 580 | 35 | 1610 | 20 | 940 | 27 | 1 | 124 | 1 | 2149 | 222.7 | 88 | 3 | 2 | 9 | 170 |
| 33550 | 1.5 | 37520 | 56 | 18 | 18 | .8 | 12 | 55130 | .1 | 26 | 693 | 48350 | 1470 | 16 | 23460 | 678 | 25 | 1620 | 20 | 1130 | 26 | 1 | 141 | 1 | 2112 | 209.7 | 85 | 3 | 3 | 8 | 122 |
| 33551 | 1.6 | 37320 | 18 | 23 | 7 | .4 | 8 | 59060 | .1 | 29 | 1229 | 43560 | 620 | 6 | 18340 | 369 | 845 | 2000 | 19 | 810 | 24 | 1 | 131 | 1 | 1562 | 156.0 | 70 | 6 | 1 | 7 | 123 |
| 33552 | 1.7 | 38760 | 1 | 8 | 11 | .4 | 9 | 60330 | .1 | 31 | 1290 | 51900 | 960 | 9 | 27280 | 523 | 46 | 1800 | 20 | 840 | 27 | 1 | 157 | 1 | 2045 | 198.3 | 86 | 1 | 1 | 8 | 153 |
| 33553 | 1.1 | 34550 | 1 | 6 | 10 | .4 | 8 | 46840 | .1 | 31 | 1128 | 49300 | 730 | 4 | 20120 | 480 | 29 | 1030 | 18 | 810 | 25 | 1 | 129 | 1 | 1616 | 152.9 | 62 | 3 | 1 | 8 | 147 |
| 33554 | 1.0 | 39730 | 1 | 7 | 13 | .3 | 8 | 54700 | .1 | 36 | 1396 | 59400 | 1260 | 7 | 26230 | 636 | 38 | 980 | 20 | 910 | 24 | 1 | 144 | 1 | 1915 | 184.0 | 78 | 1 | 1 | 9 | 162 |
| 33555 | .7 | 30550 | 1 | 10 | 41 | .4 | 6 | 53190 | .1 | 32 | 1115 | 51410 | 5130 | 8 | 19410 | 526 | 177 | 500 | 16 | 970 | 20 | 1 | 99 | 1 | 1165 | 130.1 | 75 | 2 | 1 | 7 | 154 |
| 33556 | 1.3 | 38620 | 1 | 7 | 25 | .5 | 6 | 58660 | .1 | 33 | 1569 | 65050 | 3820 | 7 | 22780 | 632 | 44 | 1800 | 16 | 1040 | 26 | 1 | 116 | 1 | 1533 | 186.4 | 71 | 3 | 1 | 10 | 185 |
| 33557 | 1.0 | 38370 | 1 | 6 | 65 | .3 | 6 | 62630 | .1 | 24 | 976 | 47530 | 4700 | 5 | 16900 | 600 | 24 | 2380 | 15 | 950 | 30 | 1 | 159 | 1 | 1366 | 163.3 | 58 | 4 | 1 | 8 | 140 |
| 33558 | 1.8 | 34540 | 1 | 5 | 15 | .2 | 8 | 58360 | .1 | 29 | 1280 | 44960 | 1870 | 6 | 18270 | 537 | 77 | 1020 | 20 | 890 | 24 | 1 | 130 | 1 | 1566 | 160.1 | 66 | 4 | 1 | 8 | 139 |
| 33559 | 1.5 | 40620 | 1 | 6 | 6 | .2 | 8 | 55910 | .1 | 41 | 1432 | 59030 | 1390 | 6 | 21490 | 536 | 75 | 1430 | 24 | 1050 | 24 | 1 | 115 | 1 | 1916 | 192.2 | 77 | 2 | 1 | 9 | 162 |
| 33560 | 1.5 | 49200 | 1 | 5 | 8 | .3 | 10 | 54550 | .1 | 31 | 988 | 47310 | 1140 | 6 | 22400 | 501 | 26 | 2630 | 18 | 1200 | 29 | 1 | 182 | 1 | 2151 | 198.6 | 71 | 4 | 1 | 8 | 131 |
| 33561 | 1.2 | 46410 | 1 | 4 | 9 | .5 | 8 | 54410 | .1 | 29 | 820 | 42750 | 860 | 4 | 17670 | 348 | 13 | 2690 | 25 | 1050 | 31 | 1 | 225 | 1 | 1372 | 154.2 | 52 | 6 | 1 | 7 | 127 |
| 33562 | 1.3 | 41580 | 1 | 5 | 11 | .4 | 6 | 58200 | .1 | 24 | 974 | 37960 | 720 | 4 | 16290 | 282 | 22 | 2160 | 19 | 880 | 28 | 1 | 211 | 1 | 1116 | 125.9 | 49 | 5 | 1 | 6 | 104 |
| 33563 | 1.5 | 41890 | 1 | 4 | 14 | .4 | 9 | 50320 | .1 | 27 | 1028 | 45480 | 970 | 12 | 27690 | 593 | 46 | 1470 | 19 | 950 | 25 | 1 | 156 | 1 | 1955 | 191.7 | 74 | 1 | 1 | 8 | 157 |
| 33564 | 1.2 | 34170 | 1 | 3 | 12 | .3 | 10 | 49960 | .1 | 26 | 797 | 46500 | 1020 | 9 | 24900 | 548 | 14 | 640 | 14 | 1010 | 26 | 1 | 82 | 1 | 2181 | 189.4 | 72 | 2 | 1 | 7 | 125 |
| 33565 | 1.4 | 36030 | 1 | 5 | 18 | .3 | 8 | 46200 | .1 | 29 | 1343 | 53550 | 1280 | 15 | 32910 | 602 | 50 | 1060 | 18 | 1020 | 20 | 1 | 138 | 1 | 2067 | 207.7 | 88 | 1 | 1 | 9 | 176 |
| 33566 | 1.1 | 36030 | 1 | 4 | 13 | .4 | 7 | 53920 | .1 | 25 | 1004 | 45590 | 920 | 5 | 15130 | 320 | 62 | 1590 | 17 | 1140 | 26 | 1 | 124 | 1 | 1514 | 152.5 | 49 | 5 | 1 | 8 | 159 |
| 33567 | 1.4 | 39650 | 1 | 6 | 13 | .3 | 9 | 57780 | .1 | 32 | 1275 | 54650 | 1640 | 11 | 23320 | 571 | 30 | 1460 | 17 | 1130 | 25 | 1 | 147 | 1 | 2017 | 199.1 | 75 | 3 | 1 | 10 | 202 |
| 33568 | 2.0 | 38090 | 1 | 6 | 17 | .1 | 10 | 55300 | .1 | 33 | 2334 | 52720 | 2080 | 14 | 29860 | 612 | 115 | 1540 | 18 | 1130 | 23 | 1 | 165 | 1 | 2315 | 205.9 | 78 | 1 | 1 | 9 | 172 |
| 33569 | 1.9 | 28670 | 1 | 5 | 12 | .2 | 8 | 57660 | .1 | 31 | 1984 | 47670 | 1510 | 7 | 18980 | 454 | 71 | 860 | 20 | 940 | 23 | 1 | 124 | 1 | 1808 | 162.7 | 66 | 3 | 1 | 10 | 175 |
| 33570 | 1.3 | 29890 | 1 | 4 | 6 | .3 | 6 | 57820 | .1 | 29 | 1084 | 43970 | 990 | 6 | 19080 | 447 | 42 | 970 | 15 | 1120 | 24 | 1 | 98 | 1 | 1481 | 117.7 | 57 | 4 | 1 | 7 | 137 |
| 33571 | 1.3 | 35350 | 1 | 4 | 14 | .4 | 6 | 57090 | .1 | 29 | 1556 | 47590 | 1320 | 10 | 25560 | 442 | 33 | 1850 | 18 | 1140 | 22 | 1 | 137 | 1 | 1638 | 171.4 | 59 | 2 | 1 | 8 | 161 |
| 33572 | 1.7 | 34690 | 1 | 5 | 10 | .4 | 8 | 61410 | .1 | 25 | 1152 | 41330 | 1500 | 9 | 22770 | 414 | 72 | 1440 | 16 | | | | | | | | | | | | |

COMP: EL CONDOR RESOURCES
 PROJ: 91205
 ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-45

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 1V-1328-RD3+4
 DATE: 91/10/25
 * ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|--------|--------|-------|--------|
| 33574 | 2.5 | 27920 | 98 | 21 | 6 | 1.3 | 11 | 58890 | .1 | 33 | 929 | 43010 | 640 | 17 | 14610 | 487 | 47 | 690 | 18 | 1050 | 26 | 3 | 107 | 2 | 1469 | 110.6 | 59 | 5 | 4 | 6 | 78 |
| 33575 | 1.7 | 34770 | 21 | 10 | 13 | .9 | 10 | 56090 | .1 | 27 | 1052 | 49270 | 750 | 12 | 25300 | 394 | 36 | 1530 | 17 | 1130 | 23 | 1 | 185 | 1 | 1775 | 172.2 | 64 | 2 | 2 | 7 | 126 |
| 33576 | 1.7 | 41340 | 1 | 6 | 55 | 1.0 | 12 | 51930 | .1 | 26 | 721 | 48870 | 3410 | 13 | 34280 | 591 | 28 | 2660 | 16 | 1290 | 19 | 1 | 111 | 1 | 2196 | 179.8 | 83 | 1 | 2 | 8 | 171 |
| 33577 | 1.6 | 41180 | 1 | 6 | 38 | .9 | 14 | 47870 | .1 | 25 | 661 | 48650 | 2420 | 13 | 31580 | 658 | 39 | 2990 | 17 | 1370 | 22 | 1 | 113 | 1 | 2578 | 185.7 | 77 | 1 | 2 | 9 | 185 |
| 33578 | 1.8 | 34750 | 1 | 6 | 29 | .9 | 13 | 47850 | .1 | 28 | 1457 | 54930 | 2250 | 15 | 33780 | 698 | 89 | 1610 | 17 | 1550 | 18 | 1 | 108 | 1 | 2564 | 205.1 | 86 | 1 | 2 | 9 | 176 |
| 33579 | 1.5 | 30840 | 1 | 4 | 35 | .6 | 11 | 51620 | .1 | 26 | 1057 | 52460 | 2510 | 10 | 26670 | 582 | 33 | 1360 | 19 | 1420 | 20 | 1 | 105 | 1 | 2333 | 181.1 | 71 | 2 | 2 | 9 | 166 |
| 33580 | 1.7 | 21500 | 1 | 7 | 79 | .6 | 7 | 51630 | .1 | 22 | 1482 | 36460 | 4910 | 6 | 16990 | 418 | 277 | 610 | 21 | 1360 | 27 | 1 | 120 | 1 | 1277 | 136.0 | 61 | 3 | 1 | 8 | 168 |
| 33581 | 1.5 | 20880 | 1 | 3 | 62 | .5 | 6 | 47600 | .1 | 23 | 1232 | 36190 | 5830 | 7 | 17350 | 411 | 91 | 540 | 20 | 1110 | 21 | 1 | 105 | 1 | 942 | 119.8 | 57 | 3 | 1 | 7 | 144 |
| 33582 | 1.9 | 32590 | 1 | 4 | 39 | .8 | 11 | 47350 | .1 | 30 | 1681 | 49000 | 3560 | 12 | 26980 | 453 | 65 | 1140 | 17 | 1330 | 20 | 1 | 109 | 1 | 1944 | 167.0 | 67 | 1 | 1 | 8 | 152 |
| 33583 | 1.5 | 29000 | 1 | 3 | 99 | .8 | 8 | 43440 | .1 | 27 | 1150 | 47800 | 7510 | 15 | 27780 | 556 | 53 | 590 | 19 | 1250 | 18 | 1 | 86 | 1 | 1550 | 157.3 | 73 | 1 | 1 | 7 | 143 |
| 33584 | 1.7 | 32030 | 1 | 4 | 74 | .6 | 11 | 43400 | .1 | 29 | 1048 | 49090 | 5570 | 17 | 31910 | 704 | 102 | 600 | 22 | 1310 | 21 | 1 | 70 | 1 | 2258 | 170.2 | 81 | 1 | 2 | 8 | 169 |
| 33585 | 1.9 | 32840 | 1 | 4 | 46 | .6 | 11 | 40480 | .1 | 29 | 1172 | 51760 | 3920 | 15 | 28390 | 554 | 92 | 550 | 20 | 1100 | 21 | 1 | 39 | 1 | 2388 | 167.9 | 77 | 1 | 2 | 8 | 169 |
| 33586 | 2.1 | 39340 | 1 | 5 | 22 | .8 | 14 | 20230 | .1 | 34 | 1490 | 59460 | 3050 | 18 | 36130 | 687 | 61 | 410 | 27 | 1270 | 20 | 1 | 29 | 1 | 2994 | 179.6 | 92 | 1 | 3 | 10 | 197 |
| 33587 | 1.4 | 43700 | 1 | 4 | 46 | .6 | 13 | 17700 | .1 | 42 | 1342 | 68670 | 2580 | 21 | 44680 | 741 | 22 | 1270 | 36 | 1190 | 15 | 1 | 204 | 1 | 2973 | 227.6 | 94 | 1 | 2 | 11 | 250 |
| 33588 | 1.5 | 38220 | 1 | 3 | 26 | .5 | 14 | 21720 | .1 | 34 | 902 | 55060 | 1300 | 15 | 41430 | 570 | 30 | 890 | 35 | 1000 | 13 | 1 | 109 | 1 | 3052 | 227.2 | 95 | 1 | 2 | 11 | 232 |
| 33589 | 1.5 | 43620 | 1 | 3 | 29 | .5 | 11 | 32420 | .1 | 37 | 967 | 52640 | 1170 | 12 | 32190 | 449 | 22 | 2660 | 34 | 1030 | 23 | 1 | 166 | 1 | 2198 | 180.8 | 73 | 1 | 1 | 9 | 196 |
| 33590 | 1.4 | 40880 | 1 | 3 | 14 | .6 | 11 | 37850 | .1 | 35 | 925 | 57450 | 940 | 14 | 36250 | 430 | 29 | 1560 | 29 | 750 | 19 | 1 | 132 | 1 | 2313 | 206.1 | 77 | 1 | 2 | 9 | 193 |
| 33591 | 1.3 | 41890 | 1 | 3 | 13 | .5 | 10 | 47090 | .1 | 35 | 873 | 56750 | 1300 | 15 | 35000 | 435 | 17 | 3140 | 28 | 750 | 19 | 1 | 92 | 1 | 2183 | 209.0 | 68 | 1 | 1 | 9 | 178 |
| 33592 | 1.2 | 38860 | 1 | 3 | 28 | .6 | 11 | 47040 | .1 | 36 | 639 | 57920 | 3580 | 15 | 40220 | 750 | 22 | 1360 | 22 | 690 | 16 | 1 | 151 | 1 | 2368 | 213.0 | 79 | 1 | 1 | 8 | 169 |
| 33593 | 1.7 | 35280 | 1 | 2 | 13 | .5 | 10 | 43050 | .1 | 29 | 800 | 51340 | 2020 | 10 | 28460 | 614 | 34 | 510 | 22 | 640 | 20 | 1 | 114 | 1 | 2280 | 173.9 | 74 | 1 | 1 | 8 | 155 |
| 33594 | 1.4 | 40750 | 1 | 4 | 29 | .5 | 14 | 43030 | .1 | 35 | 836 | 64570 | 3240 | 22 | 49130 | 974 | 41 | 520 | 22 | 740 | 12 | 1 | 77 | 1 | 2930 | 228.9 | 103 | 1 | 2 | 9 | 203 |
| 33595 | 1.9 | 31410 | 1 | 5 | 12 | .5 | 11 | 45730 | .1 | 34 | 1379 | 56880 | 1700 | 17 | 39770 | 679 | 177 | 730 | 25 | 680 | 15 | 1 | 84 | 1 | 2312 | 199.0 | 81 | 1 | 2 | 8 | 178 |
| 33596 | 1.2 | 33520 | 1 | 2 | 7 | .7 | 11 | 42960 | .1 | 34 | 885 | 53430 | 1050 | 12 | 32010 | 481 | 29 | 1670 | 26 | 720 | 19 | 1 | 61 | 1 | 2138 | 194.9 | 79 | 1 | 1 | 8 | 160 |
| 33597 | 1.3 | 39490 | 1 | 2 | 13 | .7 | 11 | 32120 | .1 | 34 | 1084 | 55100 | 870 | 9 | 30270 | 503 | 25 | 1930 | 25 | 740 | 19 | 1 | 177 | 1 | 2231 | 192.9 | 85 | 1 | 1 | 8 | 157 |
| 33598 | 2.2 | 45380 | 135 | 10 | 21 | .5 | 14 | 33690 | .1 | 35 | 1287 | 50500 | 1090 | 12 | 31480 | 536 | 52 | 3200 | 26 | 1030 | 33 | 1 | 184 | 1 | 2702 | 206.6 | 88 | 1 | 3 | 10 | 189 |
| 33599 | 1.3 | 41230 | 48 | 7 | 24 | .5 | 10 | 23940 | .1 | 29 | 836 | 48160 | 780 | 11 | 31080 | 417 | 32 | 2510 | 25 | 700 | 24 | 1 | 309 | 1 | 2121 | 190.1 | 68 | 1 | 2 | 8 | 150 |
| 33600 | 1.9 | 43010 | 8 | 7 | 19 | .4 | 11 | 25500 | .1 | 35 | 1185 | 53750 | 1040 | 10 | 28100 | 457 | 31 | 2880 | 33 | 880 | 29 | 1 | 205 | 1 | 2407 | 202.5 | 76 | 1 | 2 | 9 | 165 |
| 33601 | 1.8 | 43670 | 1 | 8 | 13 | .5 | 11 | 22970 | .1 | 47 | 1953 | 74550 | 860 | 13 | 40320 | 517 | 36 | 1650 | 31 | 880 | 16 | 1 | 143 | 1 | 2884 | 242.3 | 117 | 1 | 2 | 9 | 182 |
| 33602 | 1.4 | 41090 | 1 | 5 | 11 | .3 | 14 | 29600 | .1 | 33 | 812 | 54300 | 1200 | 9 | 31160 | 584 | 24 | 1860 | 25 | 970 | 25 | 1 | 99 | 1 | 2805 | 219.3 | 88 | 1 | 2 | 10 | 195 |
| 33603 | 1.5 | 46410 | 1 | 6 | 9 | .4 | 14 | 33440 | .1 | 36 | 1205 | 64150 | 1130 | 12 | 37620 | 604 | 36 | 1450 | 30 | 890 | 18 | 1 | 87 | 1 | 2823 | 225.9 | 98 | 1 | 2 | 10 | 199 |
| 33604 | 1.6 | 46480 | 1 | 5 | 27 | .4 | 13 | 29630 | .1 | 28 | 955 | 47100 | 1010 | 10 | 33740 | 460 | 44 | 3190 | 23 | 950 | 26 | 1 | 460 | 1 | 2481 | 214.7 | 90 | 1 | 2 | 9 | 181 |
| 33605 | 1.4 | 37530 | 1 | 3 | 7 | .3 | 10 | 41470 | .1 | 29 | 706 | 39150 | 950 | 5 | 18080 | 324 | 17 | 3630 | 29 | 1050 | 27 | 1 | 120 | 1 | 1940 | 141.5 | 58 | 4 | 2 | 7 | 137 |
| 33606 | 1.3 | 36250 | 1 | 4 | 10 | .4 | 9 | 49960 | .1 | 38 | 881 | 47900 | 930 | 8 | 26080 | 214 | 28 | 3680 | 35 | 620 | 22 | 1 | 118 | 1 | 1723 | 180.0 | 77 | 1 | 1 | 9 | 188 |
| 33607 | 1.6 | 37100 | 1 | 4 | 10 | .2 | 11 | 42870 | .1 | 26 | 760 | 42450 | 1040 | 9 | 28070 | 310 | 17 | 3580 | 31 | 720 | 24 | 1 | 86 | 1 | 2105 | 188.2 | 80 | 2 | 2 | 9 | 192 |
| 33608 | 2.1 | 43480 | 1 | 7 | 30 | .3 | 12 | 32830 | .1 | 42 | 1903 | 59770 | 690 | 14 | 41300 | 471 | 125 | 2070 | 33 | 860 | 20 | 1 | 558 | 1 | 2481 | 232.3 | 105 | 1 | 2 | 10 | 202 |
| 33609 | 1.6 | 45810 | 1 | 5 | 46 | .2 | 12 | 34500 | .1 | 32 | 1129 | 53880 | 830 | 13 | 37180 | 493 | 45 | 2230 | 29 | 1150 | 23 | 1 | 643 | 1 | 2514 | 215.4 | 97 | 1 | 2 | 8 | 172 |
| 33610 | 3.2 | 51960 | 1 | 10 | 9 | .3 | 16 | 34740 | .1 | 34 | 1885 | 62360 | 710 | 23 | 57750 | 749 | 271 | 730 | 32 | 760 | 10 | 1 | 101 | 1 | 3618 | 265.8 | 173 | 1 | 3 | 11 | 251 |
| 33611 | 2.4 | 32330 | 1 | 8 | 15 | .3 | 13 | 25290 | .1 | 32 | 1353 | 48060 | 1080 | 8 | 26760 | 718 | 263 | 1260 | 32 | 1100 | 24 | 1 | 123 | 1 | 2551 | 186.0 | 113 | 2 | 2 | 10 | 193 |
| 33612 | 2.6 | 37980 | 1 | 4 | 11 | .3 | 14 | 32580 | .1 | 37 | 1617 | 55160 | 1210 | 12 | 37430 | 711 | 25 | 640 | 40 | 980 | 23 | 1 | 79 | 1 | 2891 | 226.6 | 143 | 1 | 2 | 11 | 237 |
| 33613 | 2.2 | 42660 | 1 | 5 | 13 | .3 | 12 | 33060 | .1 | 38 | 1615 | 56840 | 1150 | 14 | 39730 | 576 | 40 | 1480 | 34 | 980 | 19 | 1 | 101 | 1 | 2740 | 211.0 | 115 | 1 | 2 | 12 | 253 |
| 33614 | 2.8 | 42540 | 1 | 5 | 16 | .3 | 15 | 33290 | .1 | 40 | 1935 | 57160 | 1340 | 15 | 43410 | 626 | 47 | 930 | 33 | 1030 | 19 | 1 | 135 | 1 | 3082 | 232.4 | 136 | 1 | 2 | 13 | 284 |
| 33615 | 2.3 | 44690 | 1 | 5 | 20 | .2 | 17 | 22630 | .1 | 32 | 1181 | 60230 | 1130 | 13 | 38510 | 661 | 43 | 1530 | 16 | 970 | 22 | 1 | 190 | 1 | 3498 | 259.8 | 112 | 1 | 3 | 8 | 131 |
| 33616 | 2.5 | 38190 | 1 | 8 | 12 | .3 | 15 | 22700 | .1 | 26 | 1793 | 62590 | 1210 | 12 | 34580 | 612 | 219 | 520 | 15 | 880 | 18 | 1 | 94 | 1 | 3097 | 247.7 | 129 | 1 | 2 | 10 | 188 |
| 33617 | 2.4 | 40140 | 1 | 6 | 30 | .3 | 15 | 21810 | .1 | 35 | 2089 | 68770 | 1270 | 11 | 32750 | 668 | 57 | 1480 | 15 | 1010 | 24 | 1 | 319 | 1 | 3131 | 245.5 | 104 | 1 | 2 | 8 | 131 |
| 33618 | 2.0 | 36630 | 1 | 5 | 25 | .2 | 14 | 22300 | .1 | 28 | 992 | 54050 | 1060 | 10 | 28310 | 502 | 81 | 1480 | 13 | 960 | 24 | 1 | 295 | 1 | 2864 | 237.2 | 76 | 1 | 3 | 7 | 115 |
| 33619 | 1.4 | 39290 | 1 | 5 | 9 | .2 | 14 | 30390 | .1 | 26 | 783 | 62330 | 1280 | 11 | 29790 | 528 | 43 | 970 | 10 | 970 | 22 | 1 | 89 | 1 | 3035 | 269.9 | 81 | 1 | 2 | 8 | 137 |
| 33620 | 1.8 | 42480 | 1 | 5 | 22 | .1 | 14 | 25080 | .1 | 32 | 1129 | 59920 | 1360 | 13 | 36410 | 666 | 54 | 1340 | 12 | 910 | 24 | 1 | 211 | 1 | 3086 | 263.0</ | | | | | |

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-45

MIN-EN LABS — ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1V-1328-R05

DATE: 91/10/25

* ROCK * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 33622 | 2.4 | 44150 | 115 | 22 | 24 | 1.1 | 18 | 27090 | .1 | 36 | 1205 | 64040 | 1240 | 21 | 40250 | 712 | 30 | 1140 | 14 | 1160 | 26 | 1 | 273 | 1 | 3435 | 281.6 | 114 | 1 | 5 | 9 | 125 |
| 33623 | 1.4 | 33530 | 26 | 12 | 19 | .7 | 14 | 19900 | .1 | 23 | 427 | 58400 | 1160 | 12 | 29130 | 518 | 23 | 1370 | 10 | 1010 | 23 | 1 | 191 | 1 | 2972 | 260.3 | 71 | 2 | 2 | 8 | 109 |
| 33624 | 1.7 | 31110 | 1 | 10 | 11 | .4 | 13 | 41980 | .1 | 28 | 1099 | 64210 | 1110 | 10 | 28640 | 451 | 36 | 960 | 14 | 1050 | 22 | 1 | 118 | 1 | 3065 | 266.0 | 73 | 1 | 2 | 8 | 109 |
| 33625 | 2.1 | 29560 | 1 | 9 | 10 | .1 | 14 | 48270 | .1 | 27 | 901 | 58410 | 1360 | 10 | 32790 | 439 | 69 | 1320 | 13 | 1010 | 18 | 1 | 75 | 1 | 3097 | 261.2 | 80 | 1 | 2 | 9 | 137 |
| 33626 | 3.1 | 31850 | 1 | 9 | 16 | .3 | 14 | 49290 | .1 | 45 | 2111 | 69130 | 1720 | 9 | 36470 | 557 | 72 | 650 | 13 | 850 | 19 | 1 | 165 | 1 | 3140 | 256.5 | 112 | 1 | 2 | 8 | 133 |
| 33627 | 1.8 | 25610 | 1 | 6 | 12 | .2 | 11 | 45060 | .1 | 36 | 1078 | 54240 | 1580 | 7 | 22660 | 333 | 23 | 1660 | 16 | 1020 | 23 | 1 | 77 | 1 | 2612 | 247.6 | 71 | 3 | 1 | 8 | 115 |
| 33628 | 2.2 | 26960 | 1 | 6 | 20 | .2 | 12 | 46320 | .1 | 29 | 1184 | 53590 | 2360 | 8 | 31960 | 402 | 53 | 1070 | 11 | 950 | 18 | 1 | 66 | 1 | 2780 | 236.9 | 97 | 1 | 2 | 8 | 126 |
| 33629 | 2.3 | 26650 | 1 | 6 | 40 | .2 | 11 | 44810 | .1 | 29 | 1279 | 53840 | 4070 | 7 | 29280 | 328 | 79 | 1870 | 11 | 1000 | 18 | 1 | 81 | 1 | 2735 | 230.9 | 92 | 1 | 1 | 8 | 119 |
| 33630 | 1.5 | 31310 | 1 | 5 | 39 | .3 | 11 | 44650 | .1 | 27 | 831 | 50810 | 3820 | 5 | 22970 | 263 | 27 | 3690 | 12 | 1050 | 20 | 1 | 84 | 1 | 2441 | 234.1 | 66 | 2 | 1 | 8 | 127 |
| 33631 | 1.9 | 38820 | 1 | 5 | 54 | .4 | 13 | 52790 | .1 | 31 | 1010 | 57100 | 5130 | 7 | 28740 | 448 | 30 | 3340 | 14 | 980 | 22 | 1 | 125 | 1 | 2667 | 249.9 | 86 | 3 | 2 | 8 | 128 |
| 33632 | 1.8 | 39770 | 1 | 5 | 22 | .3 | 13 | 48460 | .1 | 29 | 953 | 50870 | 2670 | 9 | 28360 | 526 | 52 | 3530 | 13 | 1070 | 23 | 1 | 149 | 1 | 2753 | 246.4 | 82 | 2 | 2 | 8 | 120 |
| 33633 | 2.1 | 37650 | 1 | 5 | 7 | .3 | 14 | 44150 | .1 | 36 | 1232 | 58900 | 1340 | 12 | 36240 | 638 | 14 | 650 | 14 | 880 | 21 | 1 | 107 | 1 | 3032 | 232.8 | 101 | 1 | 2 | 8 | 128 |
| 33634 | 1.8 | 25200 | 1 | 5 | 11 | .3 | 11 | 42490 | .1 | 28 | 957 | 53720 | 1050 | 7 | 26810 | 279 | 66 | 1560 | 13 | 1010 | 17 | 1 | 140 | 1 | 2600 | 242.4 | 69 | 1 | 1 | 8 | 111 |
| 33635 | 2.0 | 28280 | 1 | 4 | 40 | .2 | 13 | 46130 | .1 | 30 | 959 | 55230 | 3640 | 9 | 33290 | 259 | 18 | 1880 | 16 | 970 | 18 | 1 | 98 | 1 | 2905 | 258.6 | 76 | 1 | 2 | 8 | 123 |
| 33636 | 1.8 | 40900 | 1 | 5 | 14 | .3 | 14 | 34110 | .1 | 32 | 961 | 59800 | 1410 | 14 | 40040 | 439 | 35 | 1970 | 22 | 1010 | 17 | 1 | 132 | 1 | 3112 | 249.9 | 92 | 1 | 2 | 10 | 197 |
| 33637 | 2.1 | 37960 | 1 | 6 | 6 | .5 | 13 | 36640 | .1 | 26 | 1340 | 62470 | 1160 | 10 | 29130 | 454 | 35 | 880 | 9 | 970 | 21 | 1 | 100 | 1 | 2969 | 259.2 | 94 | 1 | 2 | 8 | 122 |
| 33638 | 1.5 | 41250 | 1 | 5 | 12 | .6 | 14 | 23520 | .1 | 26 | 911 | 60080 | 930 | 10 | 32010 | 461 | 30 | 1700 | 13 | 990 | 23 | 1 | 221 | 1 | 2933 | 259.6 | 85 | 1 | 2 | 8 | 117 |
| 33639 | 1.6 | 43440 | 1 | 5 | 8 | .6 | 14 | 29620 | .1 | 25 | 900 | 59140 | 890 | 11 | 32760 | 553 | 25 | 1340 | 14 | 980 | 25 | 1 | 127 | 1 | 3132 | 257.0 | 92 | 1 | 2 | 7 | 112 |
| 33640 | 1.5 | 41860 | 1 | 6 | 22 | .6 | 13 | 25620 | .1 | 27 | 849 | 60890 | 930 | 10 | 31590 | 469 | 22 | 1680 | 10 | 940 | 26 | 1 | 436 | 1 | 3078 | 257.7 | 83 | 1 | 2 | 8 | 124 |
| 33641 | 1.8 | 38580 | 1 | 5 | 22 | .4 | 14 | 22820 | .1 | 26 | 1002 | 58700 | 940 | 10 | 28140 | 412 | 28 | 1940 | 11 | 1000 | 132 | 1 | 333 | 1 | 2985 | 259.2 | 86 | 1 | 2 | 7 | 91 |

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-46

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 1V-1334-RD1+2

DATE: 91/10/26

* CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 33642 | .3 | 28830 | 147 | 8 | 20 | .6 | 3 | 6010 | .1 | 11 | 87 | 34190 | 1380 | 10 | 25790 | 508 | 38 | 820 | 9 | 2710 | 30 | 1 | 18 | 1 | 55 | 122.4 | 75 | 2 | 1 | 4 | 54 |
| 33643 | .2 | 16430 | 46 | 12 | 25 | .4 | 2 | 1490 | .1 | 6 | 225 | 52990 | 2300 | 4 | 13070 | 236 | 250 | 220 | 1 | 1420 | 21 | 1 | 6 | 1 | 47 | 45.3 | 45 | 3 | 1 | 5 | 74 |
| 33644 | 1.3 | 31860 | 13 | 5 | 20 | .7 | 2 | 3250 | .1 | 17 | 1341 | 40500 | 1490 | 11 | 35100 | 639 | 9 | 260 | 13 | 1640 | 26 | 1 | 8 | 1 | 62 | 116.7 | 91 | 1 | 1 | 4 | 74 |
| 33645 | .3 | 32320 | 3 | 6 | 30 | .6 | 1 | 3630 | .1 | 44 | 1443 | 48150 | 2680 | 9 | 34990 | 624 | 33 | 330 | 13 | 1300 | 26 | 1 | 10 | 1 | 77 | 109.7 | 88 | 1 | 1 | 4 | 62 |
| 33646 | 1.6 | 32500 | 1 | 7 | 36 | .6 | 1 | 6160 | .1 | 51 | 3825 | 50560 | 3830 | 9 | 33050 | 585 | 89 | 290 | 15 | 2430 | 32 | 1 | 13 | 1 | 92 | 103.1 | 86 | 1 | 1 | 4 | 64 |
| 33647 | .4 | 35320 | 1 | 5 | 24 | .6 | 1 | 7830 | .1 | 40 | 2421 | 56290 | 2480 | 10 | 29170 | 637 | 13 | 1600 | 12 | 2390 | 29 | 1 | 27 | 1 | 106 | 147.7 | 95 | 1 | 1 | 5 | 78 |
| 33648 | 1.4 | 31380 | 1 | 5 | 26 | .5 | 2 | 5240 | .1 | 48 | 4064 | 55080 | 2210 | 11 | 29060 | 754 | 30 | 710 | 19 | 1710 | 30 | 1 | 14 | 1 | 180 | 143.8 | 108 | 1 | 1 | 4 | 57 |
| 33649 | .8 | 36770 | 1 | 7 | 56 | .6 | 1 | 4070 | .1 | 37 | 3370 | 55850 | 3830 | 20 | 26960 | 642 | 84 | 330 | 12 | 1850 | 31 | 1 | 10 | 1 | 97 | 129.0 | 120 | 1 | 1 | 4 | 58 |
| 33650 | 2.2 | 27280 | 7 | 6 | 19 | .6 | 3 | 2400 | .1 | 28 | 3014 | 35090 | 1830 | 10 | 19690 | 404 | 169 | 270 | 15 | 1640 | 34 | 4 | 11 | 1 | 26 | 63.5 | 106 | 3 | 1 | 4 | 57 |
| 33651 | 1.5 | 32820 | 1 | 6 | 24 | .6 | 2 | 4010 | .1 | 55 | 3301 | 53240 | 2770 | 12 | 29290 | 672 | 102 | 580 | 22 | 1380 | 29 | 1 | 10 | 1 | 81 | 110.3 | 95 | 1 | 1 | 5 | 74 |
| 33652 | .2 | 29550 | 1 | 4 | 11 | .6 | 3 | 6080 | .1 | 42 | 1454 | 50600 | 1120 | 13 | 28770 | 616 | 14 | 670 | 20 | 1820 | 25 | 1 | 14 | 1 | 250 | 153.5 | 83 | 1 | 1 | 4 | 47 |
| 33653 | 1.0 | 34190 | 3 | 6 | 29 | .6 | 3 | 5660 | .1 | 35 | 2094 | 40880 | 2460 | 15 | 18500 | 309 | 150 | 270 | 16 | 2330 | 33 | 2 | 13 | 1 | 79 | 105.0 | 71 | 4 | 1 | 4 | 38 |
| 33654 | .1 | 27460 | 1 | 4 | 18 | .5 | 4 | 5430 | .1 | 24 | 773 | 48640 | 2130 | 12 | 27670 | 565 | 11 | 620 | 14 | 1250 | 26 | 1 | 11 | 1 | 580 | 138.0 | 84 | 1 | 1 | 4 | 45 |
| 33655 | 1.4 | 26810 | 1 | 5 | 18 | .1 | 8 | 6940 | .1 | 27 | 1700 | 54350 | 3340 | 15 | 26240 | 626 | 49 | 830 | 9 | 1270 | 27 | 1 | 15 | 1 | 1603 | 173.9 | 90 | 1 | 1 | 4 | 44 |
| 33656 | .4 | 25540 | 1 | 4 | 20 | .3 | 6 | 7420 | .1 | 44 | 1033 | 57170 | 2320 | 13 | 24810 | 652 | 22 | 660 | 7 | 1350 | 26 | 1 | 15 | 1 | 1426 | 158.9 | 85 | 1 | 1 | 5 | 60 |
| 33657 | .9 | 29550 | 1 | 4 | 21 | .3 | 6 | 9010 | .1 | 32 | 1559 | 54540 | 2220 | 12 | 26260 | 626 | 18 | 990 | 10 | 1540 | 28 | 1 | 23 | 1 | 1242 | 187.0 | 91 | 1 | 1 | 5 | 58 |
| 33658 | 1.3 | 30510 | 1 | 4 | 33 | .2 | 6 | 10090 | .1 | 33 | 1750 | 45790 | 4690 | 12 | 24870 | 538 | 46 | 1740 | 14 | 1650 | 26 | 1 | 32 | 1 | 1205 | 212.1 | 82 | 1 | 1 | 5 | 58 |
| 33659 | .8 | 24610 | 1 | 3 | 29 | .4 | 5 | 5810 | .1 | 41 | 1315 | 41620 | 1700 | 10 | 27760 | 622 | 23 | 330 | 14 | 1320 | 23 | 1 | 9 | 1 | 661 | 123.3 | 83 | 1 | 1 | 3 | 31 |
| 33660 | 1.1 | 24670 | 2 | 4 | 35 | .3 | 4 | 5100 | .1 | 32 | 1340 | 53220 | 3290 | 10 | 23850 | 499 | 104 | 510 | 13 | 1250 | 25 | 1 | 10 | 1 | 484 | 115.4 | 77 | 2 | 1 | 5 | 63 |
| 33661 | 1.1 | 27520 | 1 | 4 | 21 | .5 | 3 | 5570 | .1 | 48 | 1828 | 45440 | 2620 | 12 | 29050 | 597 | 24 | 580 | 13 | 1400 | 26 | 1 | 12 | 1 | 540 | 143.3 | 94 | 1 | 1 | 4 | 45 |
| 33662 | 1.2 | 27730 | 1 | 4 | 21 | .6 | 3 | 4230 | .1 | 53 | 2183 | 48920 | 2640 | 13 | 29320 | 575 | 29 | 480 | 16 | 1190 | 26 | 1 | 9 | 1 | 161 | 124.1 | 97 | 1 | 1 | 4 | 50 |
| 33663 | .6 | 28380 | 1 | 4 | 18 | .7 | 2 | 3870 | .1 | 36 | 999 | 33440 | 1890 | 12 | 35120 | 585 | 77 | 260 | 15 | 1160 | 24 | 1 | 8 | 1 | 64 | 76.9 | 106 | 1 | 1 | 3 | 43 |
| 33664 | .6 | 44660 | 1 | 4 | 28 | .4 | 8 | 7430 | .1 | 53 | 1025 | 67040 | 11230 | 18 | 61100 | 720 | 8 | 970 | 96 | 1160 | 10 | 1 | 16 | 1 | 1827 | 217.2 | 145 | 1 | 1 | 16 | 403 |
| 33665 | 1.2 | 32830 | 1 | 5 | 25 | .5 | 3 | 4190 | .1 | 53 | 3009 | 69880 | 5040 | 13 | 40890 | 669 | 63 | 230 | 69 | 900 | 20 | 1 | 9 | 1 | 791 | 123.7 | 134 | 1 | 1 | 12 | 272 |
| 33666 | 3.7 | 35900 | 98 | 20 | 22 | .5 | 8 | 9090 | .1 | 39 | 5006 | 52800 | 7150 | 18 | 41840 | 677 | 55 | 850 | 32 | 980 | 29 | 1 | 14 | 1 | 1757 | 189.4 | 129 | 1 | 2 | 10 | 186 |
| 33667 | .9 | 46560 | 5 | 10 | 20 | .5 | 10 | 11780 | .1 | 31 | 826 | 61020 | 5580 | 19 | 48870 | 995 | 55 | 1660 | 31 | 1390 | 22 | 1 | 22 | 1 | 2018 | 252.3 | 134 | 1 | 2 | 9 | 186 |
| 33668 | .6 | 43100 | 1 | 8 | 22 | .5 | 7 | 8090 | .1 | 38 | 896 | 63150 | 5720 | 19 | 52700 | 948 | 17 | 680 | 25 | 1370 | 16 | 1 | 15 | 1 | 1666 | 201.4 | 128 | 1 | 2 | 8 | 171 |
| 33669 | 1.1 | 41150 | 1 | 7 | 21 | .3 | 9 | 10650 | .1 | 36 | 931 | 65520 | 5560 | 19 | 45430 | 785 | 16 | 830 | 25 | 1420 | 23 | 1 | 17 | 1 | 2234 | 241.4 | 120 | 1 | 2 | 10 | 185 |
| 33670 | .8 | 40220 | 1 | 8 | 18 | .4 | 10 | 14470 | .1 | 29 | 683 | 69960 | 4900 | 16 | 40020 | 809 | 7 | 1420 | 21 | 1730 | 25 | 1 | 23 | 1 | 2395 | 266.4 | 107 | 1 | 2 | 10 | 183 |
| 33671 | .7 | 34380 | 1 | 7 | 14 | .3 | 6 | 43950 | .1 | 54 | 811 | 82120 | 2630 | 15 | 33340 | 645 | 1 | 1670 | 26 | 1640 | 23 | 1 | 51 | 1 | 1946 | 208.7 | 95 | 1 | 1 | 10 | 211 |
| 33672 | 1.5 | 32700 | 1 | 6 | 8 | .4 | 10 | 48180 | .1 | 31 | 530 | 56490 | 1630 | 14 | 31840 | 797 | 4 | 1450 | 14 | 1520 | 24 | 1 | 69 | 1 | 2066 | 187.0 | 90 | 1 | 2 | 9 | 180 |
| 33673 | 1.2 | 28530 | 1 | 6 | 7 | .3 | 8 | 48400 | .1 | 38 | 796 | 64780 | 1250 | 18 | 33010 | 777 | 15 | 660 | 13 | 1410 | 22 | 1 | 84 | 1 | 1977 | 189.1 | 97 | 1 | 1 | 8 | 159 |
| 33674 | 2.0 | 26520 | 1 | 8 | 15 | .2 | 10 | 52440 | .1 | 36 | 869 | 53930 | 2270 | 22 | 29090 | 606 | 129 | 590 | 16 | 1190 | 22 | 1 | 88 | 1 | 2437 | 200.9 | 80 | 1 | 2 | 9 | 172 |
| 33675 | .9 | 28550 | 1 | 6 | 10 | .1 | 7 | 45310 | .1 | 38 | 605 | 72670 | 1690 | 15 | 32160 | 588 | 5 | 1000 | 11 | 1220 | 19 | 1 | 58 | 1 | 2068 | 185.7 | 82 | 1 | 1 | 8 | 161 |
| 33676 | 1.5 | 29710 | 1 | 6 | 24 | .1 | 11 | 48550 | .1 | 28 | 427 | 57540 | 3100 | 19 | 31960 | 543 | 46 | 1590 | 13 | 990 | 21 | 1 | 78 | 1 | 2412 | 210.3 | 86 | 1 | 2 | 9 | 170 |
| 33677 | 1.5 | 24820 | 1 | 5 | 4 | .2 | 8 | 42380 | .1 | 23 | 557 | 42890 | 830 | 12 | 20780 | 502 | 98 | 1960 | 20 | 1020 | 25 | 1 | 56 | 1 | 1716 | 117.0 | 63 | 2 | 1 | 6 | 118 |
| 33678 | 1.5 | 31410 | 1 | 4 | 8 | .2 | 8 | 43380 | .1 | 33 | 611 | 47870 | 1190 | 13 | 24660 | 573 | 8 | 3810 | 27 | 830 | 24 | 1 | 69 | 1 | 1839 | 131.9 | 75 | 1 | 1 | 9 | 184 |
| 33679 | 1.5 | 26390 | 1 | 4 | 5 | .1 | 8 | 40940 | .1 | 32 | 539 | 51250 | 810 | 13 | 26340 | 617 | 1 | 1640 | 30 | 700 | 21 | 1 | 49 | 1 | 1912 | 137.2 | 84 | 1 | 1 | 8 | 139 |
| 33680 | 1.0 | 21780 | 1 | 6 | 5 | .1 | 6 | 46370 | .1 | 28 | 680 | 67080 | 760 | 14 | 23230 | 543 | 81 | 1180 | 20 | 630 | 17 | 1 | 60 | 1 | 1649 | 143.2 | 85 | 1 | 1 | 7 | 134 |
| 33681 | 1.1 | 20800 | 1 | 5 | 4 | .2 | 8 | 36890 | .1 | 52 | 919 | 74940 | 620 | 6 | 17070 | 442 | 1 | 1500 | 28 | 650 | 31 | 1 | 52 | 1 | 1369 | 102.2 | 74 | 1 | 1 | 6 | 114 |
| 33682 | 1.3 | 26760 | 1 | 4 | 8 | .1 | 9 | 23950 | .1 | 39 | 828 | 60010 | 930 | 8 | 23580 | 586 | 1 | 2620 | 26 | 850 | 29 | 1 | 61 | 1 | 1836 | 136.7 | 83 | 1 | 1 | 8 | 157 |
| 33683 | 1.1 | 26200 | 1 | 4 | 8 | .2 | 9 | 36040 | .1 | 33 | 481 | 49990 | 1130 | 12 | 22490 | 673 | 1 | 2270 | 26 | 840 | 22 | 1 | 133 | 1 | 1881 | 120.3 | 70 | 1 | 1 | 7 | 135 |
| 33684 | .9 | 29850 | 1 | 5 | 4 | .3 | 7 | 44320 | .1 | 38 | 544 | 60240 | 640 | 12 | 26840 | 795 | 1 | 2600 | 28 | 1100 | 22 | 1 | 73 | 1 | 1442 | 128.8 | 83 | 1 | 1 | 8 | 165 |
| 33685 | 1.3 | 27620 | 1 | 4 | 4 | .2 | 7 | 44240 | .1 | 34 | 554 | 57420 | 790 | 15 | 27360 | 755 | 6 | 1760 | 32 | 1100 | 23 | 1 | 60 | 1 | 1729 | 142.6 | 96 | 1 | 1 | 8 | 175 |
| 33686 | 1.1 | 27350 | 1 | 4 | 3 | .2 | 7 | 42890 | .1 | 29 | 408 | 48740 | 620 | 14 | 25340 | 608 | 2 | 1310 | 27 | 920 | 21 | 1 | 72 | 1 | 1566 | 113.9 | 80 | 1 | 1 | 7 | 154 |
| 33687 | 1.4 | 29210 | 1 | 4 | 3 | .1 | 8 | 43980 | .1 | 34 | 625 | 56820 | 500 | 11 | 27630 | 715 | 1 | 1890 | 35 | 840 | 24 | 1 | 81 | 1 | 1589 | 122.0 | 101 | 1 | 1 | 9 | 175 |
| 33688 | 1.1 | 30260 | 1 | 4 | 4 | .2 | 8 | 42750 | .1 | 32 | 382 | 48730 | 680 | 11 | 24010 | 552 | 8 | 2530 | 33 | 990 | 24 | 1 | 66 | 1 | 1585 | 113.7 | 82 | 1 | 1 | 8 | 168 |
| 33689 | 1.3 | 32890 | 1 | 5 | 2 | .3 | 7 | | | | | | | | | | | | | | | | | | | | | | | | |

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-46

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 1V-1334-R03+J4

DATE: 91/10/26

* CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | Tl PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 33690 | .8 | 31790 | 95 | 12 | 2 | .5 | 7 | 46630 | .1 | 58 | 878 | 68030 | 320 | 17 | 31590 | 753 | 4 | 740 | 39 | 740 | 24 | 1 | 76 | 1 | 1618 | 144.2 | 102 | 1 | 2 | 9 | 173 |
| 33691 | .7 | 31920 | 8 | 8 | 3 | .2 | 10 | 50270 | .1 | 35 | 332 | 60510 | 430 | 25 | 34360 | 643 | 35 | 610 | 34 | 800 | 20 | 1 | 80 | 1 | 2064 | 174.6 | 108 | 1 | 2 | 9 | 178 |
| 33692 | 1.0 | 32550 | 1 | 5 | 3 | .2 | 9 | 46150 | .1 | 36 | 473 | 53660 | 530 | 16 | 32420 | 696 | 42 | 1340 | 31 | 1020 | 22 | 1 | 77 | 1 | 1790 | 151.9 | 109 | 1 | 2 | 9 | 193 |
| 33693 | 1.0 | 28750 | 1 | 4 | 3 | .3 | 8 | 44700 | .1 | 36 | 432 | 48440 | 460 | 9 | 24660 | 655 | 20 | 1470 | 28 | 850 | 21 | 1 | 65 | 1 | 1473 | 106.8 | 97 | 1 | 1 | 7 | 147 |
| 33694 | .3 | 33130 | 1 | 4 | 8 | .2 | 8 | 40730 | .1 | 42 | 455 | 70100 | 940 | 17 | 30750 | 685 | 2 | 1850 | 27 | 990 | 16 | 1 | 61 | 1 | 1675 | 173.7 | 125 | 1 | 1 | 9 | 185 |
| 33695 | .3 | 24770 | 1 | 2 | 4 | .4 | 4 | 25020 | .1 | 42 | 460 | 55400 | 510 | 3 | 13880 | 367 | 1 | 2470 | 32 | 790 | 27 | 1 | 54 | 1 | 743 | 68.8 | 69 | 1 | 1 | 5 | 106 |
| 33696 | .6 | 30780 | 1 | 2 | 15 | .3 | 7 | 40500 | .1 | 29 | 351 | 49460 | 1430 | 15 | 32340 | 594 | 12 | 1660 | 28 | 1130 | 21 | 1 | 66 | 1 | 1361 | 149.5 | 108 | 1 | 1 | 8 | 180 |
| 33697 | .7 | 28420 | 1 | 1 | 16 | .2 | 6 | 42650 | .1 | 31 | 473 | 48790 | 950 | 9 | 20050 | 400 | 3 | 2050 | 25 | 1230 | 24 | 1 | 77 | 1 | 1086 | 130.6 | 80 | 1 | 1 | 6 | 114 |
| 33698 | .9 | 27920 | 1 | 2 | 12 | .4 | 7 | 42220 | .1 | 28 | 537 | 45290 | 710 | 8 | 18080 | 411 | 13 | 2500 | 22 | 1270 | 25 | 1 | 73 | 1 | 1171 | 120.5 | 76 | 2 | 1 | 6 | 119 |
| 33699 | 1.1 | 26230 | 1 | 1 | 6 | .2 | 8 | 42730 | .1 | 34 | 748 | 50210 | 540 | 8 | 17950 | 446 | 10 | 1390 | 26 | 1140 | 25 | 1 | 63 | 1 | 1425 | 117.9 | 78 | 2 | 1 | 6 | 100 |
| 33700 | 1.0 | 34840 | 1 | 2 | 7 | .2 | 10 | 45450 | .1 | 31 | 428 | 53930 | 900 | 20 | 29970 | 637 | 17 | 700 | 18 | 740 | 20 | 1 | 61 | 1 | 2074 | 155.2 | 114 | 1 | 1 | 7 | 122 |
| 33701 | 1.1 | 30780 | 1 | 1 | 96 | .1 | 12 | 47890 | .1 | 32 | 387 | 53630 | 9070 | 16 | 29760 | 491 | 1 | 630 | 14 | 720 | 19 | 1 | 91 | 1 | 2516 | 190.6 | 82 | 1 | 2 | 7 | 132 |
| 33702 | 1.1 | 35370 | 1 | 2 | 56 | .1 | 13 | 49200 | .1 | 32 | 307 | 59430 | 3900 | 22 | 30050 | 536 | 1 | 1430 | 15 | 820 | 20 | 1 | 94 | 1 | 2719 | 219.3 | 81 | 1 | 2 | 8 | 140 |
| 33703 | 1.5 | 30140 | 6 | 1 | 11 | .2 | 10 | 37360 | .1 | 29 | 707 | 46930 | 940 | 20 | 26800 | 475 | 7 | 1640 | 19 | 920 | 21 | 1 | 54 | 1 | 2020 | 169.4 | 81 | 1 | 2 | 7 | 133 |
| 33704 | 1.1 | 27720 | 1 | 1 | 11 | .3 | 8 | 39850 | .1 | 29 | 661 | 48850 | 1140 | 13 | 27280 | 460 | 5 | 1520 | 23 | 990 | 18 | 1 | 61 | 1 | 1592 | 155.9 | 80 | 1 | 1 | 7 | 131 |
| 33705 | .9 | 29560 | 1 | 1 | 13 | .2 | 9 | 39760 | .1 | 36 | 696 | 57960 | 1630 | 16 | 29730 | 466 | 2 | 1540 | 23 | 900 | 19 | 1 | 64 | 1 | 1914 | 179.3 | 76 | 1 | 1 | 6 | 126 |
| 33706 | 1.2 | 22250 | 1 | 1 | 8 | .2 | 9 | 24360 | .1 | 27 | 641 | 40890 | 1040 | 8 | 20670 | 460 | 4 | 1590 | 23 | 960 | 20 | 1 | 51 | 1 | 1753 | 121.3 | 57 | 1 | 1 | 7 | 128 |
| 33707 | 1.3 | 29180 | 1 | 1 | 24 | .1 | 10 | 36960 | .1 | 30 | 459 | 47050 | 3000 | 11 | 27300 | 524 | 4 | 2090 | 19 | 1250 | 19 | 1 | 51 | 1 | 2166 | 173.1 | 75 | 1 | 1 | 7 | 117 |
| 33708 | 1.5 | 27850 | 1 | 1 | 15 | .1 | 10 | 29300 | .1 | 33 | 798 | 48440 | 2020 | 11 | 28720 | 602 | 12 | 1720 | 25 | 910 | 18 | 1 | 51 | 1 | 2170 | 148.4 | 78 | 1 | 1 | 7 | 130 |
| 33709 | 1.3 | 29070 | 1 | 1 | 10 | .2 | 11 | 41810 | .1 | 30 | 398 | 42110 | 1910 | 21 | 33950 | 512 | 5 | 620 | 54 | 850 | 18 | 1 | 54 | 1 | 2256 | 146.1 | 72 | 1 | 2 | 9 | 196 |
| 33710 | .5 | 21110 | 1 | 1 | 8 | .2 | 3 | 24340 | .1 | 50 | 606 | 48780 | 1310 | 5 | 15610 | 247 | 4 | 1430 | 112 | 800 | 17 | 1 | 36 | 1 | 819 | 50.2 | 44 | 2 | 1 | 8 | 192 |
| 33711 | .6 | 22660 | 1 | 2 | 8 | .2 | 5 | 41710 | .1 | 45 | 631 | 55560 | 1310 | 9 | 27940 | 377 | 104 | 650 | 117 | 680 | 14 | 1 | 49 | 1 | 1062 | 88.0 | 66 | 1 | 1 | 13 | 333 |
| 33712 | .8 | 27900 | 1 | 1 | 7 | .1 | 6 | 26450 | .1 | 41 | 333 | 48930 | 1210 | 18 | 43310 | 360 | 12 | 300 | 131 | 670 | 12 | 1 | 35 | 1 | 1380 | 85.9 | 72 | 1 | 1 | 16 | 414 |
| 33713 | 1.0 | 28620 | 1 | 1 | 9 | .1 | 7 | 41440 | .1 | 49 | 601 | 57740 | 1370 | 24 | 48260 | 440 | 21 | 170 | 141 | 670 | 6 | 1 | 48 | 1 | 1658 | 118.5 | 83 | 1 | 1 | 17 | 451 |
| 33714 | 1.7 | 28160 | 21 | 13 | 13 | .8 | 11 | 22590 | .1 | 36 | 444 | 45270 | 1530 | 20 | 34640 | 680 | 1 | 1220 | 75 | 980 | 17 | 1 | 44 | 1 | 2133 | 114.9 | 78 | 1 | 4 | 12 | 241 |
| 33715 | 1.6 | 31130 | 1 | 7 | 15 | .5 | 12 | 39290 | .1 | 32 | 700 | 41350 | 1420 | 15 | 25720 | 581 | 14 | 2510 | 24 | 1000 | 25 | 1 | 64 | 1 | 2163 | 134.4 | 69 | 1 | 3 | 7 | 130 |
| 33716 | 1.1 | 38960 | 1 | 7 | 14 | .7 | 10 | 40670 | .1 | 33 | 654 | 53140 | 1450 | 14 | 25730 | 521 | 6 | 3780 | 22 | 1030 | 30 | 1 | 76 | 1 | 1966 | 135.4 | 61 | 2 | 3 | 8 | 148 |
| 33717 | 1.0 | 39150 | 1 | 7 | 104 | .5 | 10 | 47440 | .1 | 35 | 655 | 63100 | 8630 | 15 | 41300 | 587 | 7 | 2260 | 19 | 890 | 18 | 1 | 100 | 1 | 2139 | 202.2 | 74 | 1 | 3 | 9 | 181 |
| 33718 | .8 | 42090 | 1 | 7 | 39 | .5 | 11 | 43350 | .1 | 34 | 732 | 61700 | 4770 | 18 | 37090 | 596 | 15 | 3310 | 19 | 1050 | 18 | 1 | 79 | 1 | 2224 | 204.1 | 74 | 1 | 3 | 9 | 184 |
| 33719 | .6 | 46880 | 1 | 6 | 40 | .7 | 12 | 39150 | .1 | 34 | 621 | 61710 | 5270 | 17 | 40650 | 622 | 6 | 3980 | 20 | 1060 | 19 | 1 | 71 | 1 | 2078 | 206.2 | 81 | 1 | 3 | 9 | 177 |
| 33720 | .8 | 32960 | 1 | 6 | 54 | .5 | 10 | 40820 | .1 | 31 | 627 | 60440 | 6020 | 11 | 31770 | 534 | 10 | 2240 | 18 | 940 | 21 | 1 | 65 | 1 | 2042 | 195.2 | 67 | 1 | 2 | 9 | 167 |
| 33721 | 1.8 | 33460 | 1 | 8 | 71 | .4 | 13 | 40400 | .1 | 30 | 1343 | 54580 | 9840 | 14 | 38040 | 588 | 196 | 1880 | 16 | 1080 | 18 | 1 | 62 | 1 | 2606 | 213.7 | 84 | 1 | 3 | 9 | 163 |
| 33722 | 1.4 | 30500 | 1 | 7 | 75 | .4 | 12 | 44000 | .1 | 33 | 1280 | 60880 | 12810 | 11 | 35890 | 546 | 88 | 1650 | 18 | 930 | 16 | 1 | 70 | 1 | 2338 | 210.6 | 81 | 1 | 3 | 9 | 176 |
| 33723 | 1.7 | 24680 | 1 | 5 | 47 | .2 | 12 | 44360 | .1 | 30 | 1351 | 55360 | 6650 | 18 | 30750 | 531 | 63 | 620 | 17 | 900 | 18 | 1 | 67 | 1 | 2262 | 182.9 | 80 | 1 | 3 | 8 | 148 |
| 33724 | 2.1 | 28530 | 1 | 6 | 26 | .4 | 11 | 44340 | .1 | 38 | 2624 | 69180 | 3100 | 26 | 34110 | 604 | 63 | 1160 | 18 | 960 | 14 | 1 | 74 | 1 | 2470 | 189.7 | 102 | 1 | 2 | 7 | 131 |
| 33725 | 1.6 | 37230 | 1 | 7 | 71 | .4 | 12 | 42800 | .1 | 41 | 2550 | 81310 | 8240 | 18 | 36010 | 617 | 32 | 2650 | 17 | 960 | 17 | 1 | 73 | 1 | 2928 | 233.8 | 108 | 1 | 3 | 8 | 132 |
| 33726 | 2.0 | 37080 | 1 | 6 | 46 | .5 | 12 | 48500 | .1 | 34 | 1705 | 61440 | 5760 | 14 | 29750 | 783 | 47 | 3140 | 18 | 970 | 25 | 1 | 117 | 1 | 2325 | 183.2 | 89 | 1 | 3 | 8 | 138 |
| 33727 | 1.7 | 33770 | 1 | 5 | 79 | .4 | 12 | 38670 | .1 | 31 | 1501 | 55960 | 9670 | 19 | 36750 | 685 | 54 | 1280 | 20 | 1050 | 18 | 1 | 62 | 1 | 2518 | 193.1 | 88 | 1 | 3 | 8 | 147 |
| 33728 | 1.6 | 36540 | 1 | 5 | 10 | .6 | 12 | 44290 | .1 | 26 | 1148 | 47140 | 1580 | 20 | 29560 | 631 | 57 | 1240 | 16 | 790 | 21 | 1 | 53 | 1 | 2322 | 158.6 | 74 | 1 | 3 | 7 | 132 |
| 33729 | 2.4 | 38960 | 1 | 6 | 104 | .4 | 14 | 43250 | .1 | 34 | 2452 | 55980 | 12920 | 17 | 36440 | 643 | 102 | 2780 | 15 | 910 | 20 | 1 | 81 | 1 | 3006 | 228.8 | 97 | 1 | 3 | 9 | 155 |
| 33730 | 3.6 | 28270 | 10 | 10 | 55 | .3 | 14 | 53810 | .1 | 27 | 3830 | 52290 | 7000 | 17 | 29030 | 531 | 346 | 1110 | 10 | 780 | 19 | 1 | 93 | 1 | 2841 | 211.9 | 96 | 1 | 3 | 9 | 128 |
| 33731 | 2.2 | 28500 | 1 | 5 | 56 | .3 | 11 | 44130 | .1 | 34 | 2430 | 50990 | 6760 | 9 | 26120 | 554 | 129 | 2340 | 12 | 810 | 20 | 1 | 81 | 1 | 2413 | 198.6 | 81 | 1 | 2 | 7 | 114 |
| 33732 | 2.4 | 33790 | 1 | 6 | 118 | .3 | 15 | 43960 | .1 | 30 | 1908 | 48990 | 14970 | 11 | 35980 | 553 | 154 | 2350 | 12 | 770 | 16 | 1 | 78 | 1 | 3111 | 224.0 | 94 | 1 | 3 | 7 | 122 |
| 33733 | 1.6 | 32140 | 1 | 4 | 61 | .3 | 13 | 39820 | .1 | 36 | 1237 | 54780 | 7910 | 12 | 33570 | 589 | 12 | 2250 | 15 | 910 | 17 | 1 | 58 | 1 | 2627 | 218.8 | 87 | 1 | 3 | 7 | 113 |
| 33734 | 1.5 | 28410 | 1 | 7 | 57 | .4 | 13 | 39740 | .1 | 36 | 1650 | 66580 | 6470 | 19 | 32380 | 683 | 118 | 1410 | 16 | 980 | 18 | 1 | 54 | 1 | 2775 | 234.0 | 104 | 1 | 3 | 9 | 170 |
| 33735 | 1.2 | 38500 | 1 | 5 | 28 | .6 | 10 | 38160 | .1 | 40 | 1337 | 59340 | 3640 | 16 | 30940 | 627 | 14 | 3660 | 18 | 1020 | 22 | 1 | 52 | 1 | 2227 | 178.1 | 93 | 1 | 3 | 7 | 125 |
| 33736 | 1.2 | 24040 | 1 | 5 | 24 | .3 | 11 | 39630 | .1 | 33 | 999 | 60090 | 2950 | 16 | 28960 | 597 | 4 | | | | | | | | | | | | | | |

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-46

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 1V-1334-RJ5+6

DATE: 91/10/26

* CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 33738 | 1.7 | 24790 | 36 | 14 | 41 | .7 | 13 | 43290 | .1 | 35 | 1091 | 67720 | 5420 | 22 | 30530 | 682 | 16 | 660 | 12 | 930 | 20 | 1 | 62 | 1 | 2979 | 221.2 | 95 | 1 | 3 | 7 | 94 |
| 33739 | 1.5 | 22380 | 3 | 7 | 40 | .3 | 15 | 34650 | .1 | 36 | 984 | 55100 | 5150 | 10 | 28300 | 716 | 44 | 1120 | 16 | 1090 | 16 | 1 | 47 | 1 | 2996 | 204.4 | 87 | 1 | 2 | 7 | 111 |
| 33740 | 1.1 | 23170 | 1 | 4 | 37 | .1 | 11 | 36980 | .1 | 40 | 937 | 66750 | 4920 | 9 | 28670 | 746 | 16 | 1000 | 13 | 970 | 14 | 1 | 56 | 1 | 2708 | 215.0 | 85 | 1 | 2 | 7 | 109 |
| 33741 | 1.4 | 32410 | 1 | 3 | 55 | .2 | 15 | 39810 | .1 | 34 | 737 | 62930 | 7730 | 12 | 36550 | 921 | 14 | 1770 | 9 | 960 | 14 | 1 | 62 | 1 | 3099 | 250.4 | 97 | 1 | 2 | 7 | 118 |
| 33742 | 1.3 | 28450 | 1 | 2 | 109 | .3 | 12 | 53760 | .1 | 30 | 803 | 56060 | 11580 | 12 | 33830 | 648 | 24 | 790 | 7 | 810 | 14 | 1 | 107 | 1 | 2546 | 189.7 | 87 | 1 | 2 | 5 | 78 |
| 33743 | 1.2 | 47340 | 1 | 3 | 126 | .3 | 17 | 45370 | .1 | 36 | 824 | 67700 | 12950 | 12 | 38080 | 762 | 29 | 4810 | 6 | 980 | 18 | 1 | 99 | 1 | 3270 | 254.1 | 113 | 1 | 2 | 6 | 121 |
| 33744 | 1.6 | 36730 | 1 | 1 | 67 | .4 | 12 | 42490 | .1 | 35 | 1333 | 56600 | 7310 | 9 | 30030 | 731 | 25 | 3440 | 13 | 980 | 21 | 1 | 72 | 1 | 2392 | 211.0 | 123 | 1 | 2 | 6 | 100 |
| 33745 | 2.3 | 41400 | 1 | 3 | 106 | .4 | 13 | 43710 | .1 | 36 | 2144 | 71790 | 12230 | 14 | 34880 | 968 | 93 | 3150 | 10 | 850 | 24 | 1 | 74 | 1 | 2785 | 238.0 | 136 | 1 | 2 | 7 | 118 |
| 33746 | 1.2 | 29730 | 1 | 2 | 126 | .2 | 10 | 39610 | .1 | 26 | 1342 | 68090 | 19340 | 11 | 31940 | 592 | 103 | 1240 | 6 | 880 | 18 | 1 | 63 | 1 | 2740 | 236.3 | 109 | 1 | 2 | 6 | 117 |
| 33747 | 2.4 | 34300 | 1 | 5 | 147 | .2 | 16 | 48310 | .1 | 32 | 2731 | 79840 | 15480 | 22 | 39900 | 862 | 203 | 960 | 4 | 920 | 18 | 1 | 95 | 1 | 3721 | 256.2 | 175 | 1 | 3 | 7 | 118 |
| 33748 | 2.1 | 30380 | 1 | 1 | 101 | .1 | 14 | 39300 | .1 | 33 | 1865 | 60290 | 12150 | 11 | 34660 | 727 | 34 | 1890 | 13 | 1030 | 17 | 1 | 58 | 1 | 3227 | 249.9 | 118 | 1 | 2 | 8 | 127 |
| 33749 | 2.3 | 27870 | 1 | 5 | 75 | .1 | 15 | 39400 | .1 | 36 | 2053 | 66160 | 9860 | 10 | 33380 | 740 | 236 | 1580 | 10 | 950 | 16 | 1 | 58 | 1 | 3173 | 235.7 | 106 | 1 | 2 | 7 | 130 |
| 33750 | 2.3 | 27160 | 1 | 2 | 89 | .1 | 15 | 40860 | .1 | 28 | 2177 | 69830 | 12340 | 13 | 34340 | 782 | 54 | 1190 | 1 | 840 | 14 | 1 | 62 | 1 | 3249 | 241.1 | 116 | 1 | 2 | 6 | 113 |
| 33751 | 3.4 | 26660 | 1 | 4 | 47 | .2 | 18 | 55110 | .1 | 29 | 3142 | 63750 | 4920 | 23 | 36040 | 1013 | 166 | 450 | 5 | 780 | 19 | 1 | 119 | 1 | 3370 | 213.7 | 129 | 1 | 3 | 7 | 103 |
| 33752 | 3.2 | 31020 | 1 | 3 | 17 | .2 | 16 | 44940 | .1 | 37 | 2877 | 65750 | 2470 | 37 | 41300 | 897 | 119 | 670 | 6 | 900 | 15 | 1 | 77 | 1 | 3616 | 253.8 | 125 | 1 | 3 | 5 | 85 |
| 33753 | 2.2 | 23540 | 1 | 3 | 12 | .3 | 13 | 43430 | .1 | 30 | 1551 | 48950 | 1580 | 25 | 29310 | 585 | 207 | 440 | 7 | 650 | 18 | 1 | 80 | 1 | 2608 | 180.0 | 89 | 1 | 2 | 6 | 112 |
| 33754 | 1.4 | 27510 | 1 | 2 | 9 | .3 | 13 | 47560 | .1 | 29 | 865 | 60190 | 1570 | 17 | 25010 | 712 | 66 | 1340 | 6 | 940 | 23 | 1 | 102 | 1 | 2932 | 214.0 | 86 | 1 | 2 | 6 | 87 |
| 33755 | 2.2 | 27920 | 1 | 4 | 35 | .2 | 14 | 44690 | .1 | 31 | 1359 | 62640 | 5430 | 17 | 27630 | 739 | 179 | 1590 | 4 | 820 | 21 | 1 | 79 | 1 | 3068 | 216.7 | 97 | 1 | 5 | 5 | 86 |
| 33756 | 1.4 | 30420 | 1 | 2 | 37 | .2 | 14 | 43290 | .1 | 28 | 612 | 61490 | 5090 | 15 | 27480 | 666 | 37 | 2160 | 6 | 950 | 21 | 1 | 78 | 1 | 3169 | 236.5 | 85 | 1 | 2 | 6 | 92 |
| 33757 | 2.1 | 38120 | 1 | 3 | 105 | .2 | 16 | 44690 | .1 | 24 | 1609 | 61260 | 14620 | 12 | 35790 | 783 | 112 | 3340 | 3 | 800 | 16 | 1 | 91 | 1 | 3385 | 228.0 | 98 | 1 | 3 | 6 | 108 |
| 33758 | 3.3 | 37260 | 1 | 3 | 79 | .3 | 16 | 45980 | .1 | 40 | 4134 | 82840 | 11020 | 12 | 31690 | 719 | 92 | 2210 | 1 | 870 | 21 | 1 | 74 | 1 | 3086 | 242.6 | 125 | 1 | 2 | 7 | 102 |
| 33759 | 2.1 | 25260 | 1 | 2 | 84 | .3 | 12 | 48750 | .1 | 32 | 2054 | 63780 | 9600 | 8 | 18690 | 451 | 146 | 1690 | 6 | 720 | 22 | 1 | 79 | 1 | 2413 | 211.9 | 72 | 3 | 2 | 6 | 93 |
| 33760 | 2.1 | 31550 | 1 | 1 | 38 | .3 | 14 | 44430 | .1 | 31 | 1967 | 61380 | 4720 | 14 | 27070 | 551 | 78 | 2110 | 3 | 880 | 17 | 1 | 68 | 1 | 2671 | 231.4 | 87 | 1 | 2 | 6 | 84 |
| 33761 | 1.4 | 24370 | 1 | 1 | 19 | .3 | 11 | 42190 | .1 | 28 | 990 | 53630 | 2100 | 11 | 22290 | 495 | 27 | 1380 | 6 | 970 | 21 | 1 | 62 | 1 | 2410 | 220.9 | 65 | 1 | 2 | 6 | 97 |
| 33762 | 1.7 | 33860 | 12 | 13 | 39 | .5 | 14 | 42910 | .1 | 29 | 1001 | 57890 | 3860 | 27 | 29940 | 609 | 49 | 1980 | 5 | 910 | 20 | 1 | 81 | 1 | 2950 | 224.7 | 75 | 1 | 3 | 7 | 82 |
| 33763 | 2.1 | 30840 | 1 | 10 | 35 | .3 | 14 | 48500 | .1 | 26 | 1671 | 56420 | 4000 | 35 | 32520 | 640 | 94 | 1060 | 5 | 790 | 15 | 1 | 110 | 1 | 3094 | 209.5 | 84 | 1 | 3 | 7 | 102 |
| 33764 | 1.9 | 29840 | 1 | 9 | 28 | .4 | 15 | 39880 | .1 | 28 | 1554 | 59750 | 3090 | 31 | 33840 | 826 | 59 | 1080 | 5 | 910 | 20 | 1 | 59 | 1 | 3015 | 227.7 | 99 | 1 | 3 | 6 | 89 |
| 33765 | 2.3 | 33850 | 1 | 9 | 20 | .4 | 15 | 41190 | .1 | 36 | 2101 | 69320 | 2160 | 33 | 36140 | 925 | 59 | 1490 | 9 | 920 | 23 | 1 | 57 | 1 | 3199 | 235.8 | 114 | 1 | 2 | 9 | 166 |
| 33766 | 1.8 | 11420 | 1 | 7 | 30 | .1 | 8 | 53790 | .1 | 26 | 1971 | 63410 | 2230 | 7 | 8480 | 480 | 83 | 230 | 5 | 820 | 19 | 1 | 123 | 1 | 1910 | 154.8 | 69 | 1 | 1 | 6 | 86 |
| 33767 | 1.5 | 32280 | 1 | 8 | 20 | .2 | 14 | 42200 | .1 | 29 | 1275 | 73370 | 2540 | 33 | 34250 | 970 | 122 | 1210 | 3 | 930 | 18 | 1 | 66 | 1 | 3368 | 239.5 | 95 | 1 | 3 | 7 | 120 |
| 33768 | 2.7 | 30310 | 1 | 9 | 39 | .2 | 17 | 43580 | .1 | 29 | 2454 | 72630 | 4880 | 29 | 33790 | 826 | 153 | 780 | 2 | 1010 | 22 | 1 | 71 | 1 | 3749 | 246.9 | 115 | 1 | 3 | 6 | 91 |
| 33769 | 2.0 | 28320 | 1 | 6 | 16 | .4 | 13 | 39440 | .1 | 22 | 1473 | 50390 | 2590 | 27 | 28330 | 755 | 117 | 390 | 3 | 850 | 22 | 1 | 53 | 1 | 2592 | 161.2 | 102 | 3 | 2 | 6 | 103 |
| 33770 | 2.0 | 27220 | 1 | 6 | 12 | .3 | 13 | 39310 | .1 | 30 | 1612 | 65850 | 1760 | 27 | 31240 | 726 | 63 | 420 | 6 | 930 | 20 | 1 | 52 | 1 | 3063 | 223.3 | 91 | 1 | 2 | 7 | 116 |
| 33771 | 1.7 | 29900 | 1 | 6 | 14 | .3 | 15 | 36440 | .1 | 32 | 1507 | 69350 | 1900 | 40 | 40650 | 903 | 48 | 440 | 9 | 1050 | 15 | 1 | 50 | 1 | 3371 | 248.8 | 98 | 1 | 2 | 8 | 146 |
| 33772 | 1.9 | 14320 | 1 | 3 | 11 | .2 | 8 | 44660 | .1 | 16 | 1340 | 40560 | 1690 | 12 | 13090 | 421 | 58 | 240 | 6 | 680 | 20 | 1 | 98 | 1 | 1885 | 131.8 | 62 | 3 | 1 | 8 | 146 |
| 33773 | 2.4 | 6040 | 3 | 1 | 24 | .1 | 4 | 43660 | .1 | 7 | 1940 | 18540 | 2390 | 1 | 1800 | 126 | 32 | 210 | 2 | 970 | 16 | 1 | 86 | 1 | 690 | 42.3 | 33 | 1 | 1 | 6 | 130 |
| 33774 | 1.4 | 40910 | 1 | 7 | 133 | .1 | 15 | 32000 | .1 | 35 | 1259 | 80650 | 18680 | 27 | 49840 | 835 | 55 | 1220 | 1 | 1030 | 11 | 1 | 50 | 1 | 3720 | 244.5 | 117 | 1 | 3 | 7 | 153 |
| 33775 | 2.0 | 37350 | 1 | 6 | 100 | .1 | 16 | 47020 | .1 | 32 | 1443 | 70650 | 9450 | 19 | 30270 | 1043 | 46 | 1890 | 1 | 1080 | 22 | 1 | 82 | 1 | 3463 | 250.2 | 97 | 1 | 3 | 7 | 110 |
| 33776 | 1.8 | 29630 | 1 | 6 | 45 | .2 | 12 | 42830 | .1 | 30 | 1625 | 71570 | 3720 | 25 | 35520 | 643 | 60 | 740 | 1 | 920 | 18 | 1 | 63 | 1 | 2919 | 225.3 | 158 | 1 | 2 | 5 | 61 |
| 33777 | 1.3 | 30560 | 1 | 5 | 49 | .3 | 13 | 46940 | .1 | 28 | 1088 | 69300 | 4030 | 26 | 32740 | 866 | 51 | 970 | 1 | 1010 | 17 | 1 | 86 | 1 | 2831 | 219.6 | 103 | 1 | 2 | 5 | 71 |
| 33778 | 1.7 | 29890 | 1 | 5 | 22 | .1 | 16 | 38480 | .1 | 28 | 902 | 62860 | 2020 | 27 | 32940 | 644 | 40 | 1260 | 1 | 1090 | 19 | 1 | 55 | 1 | 3305 | 236.2 | 145 | 1 | 2 | 5 | 68 |
| 33779 | 1.9 | 30340 | 1 | 5 | 16 | .4 | 15 | 44050 | .1 | 30 | 1501 | 63210 | 1720 | 21 | 24450 | 546 | 79 | 860 | 1 | 1180 | 24 | 1 | 49 | 1 | 3130 | 241.3 | 86 | 3 | 2 | 6 | 72 |
| 33780 | 2.6 | 33630 | 1 | 5 | 107 | .1 | 15 | 43840 | .1 | 32 | 2232 | 65510 | 11720 | 18 | 36670 | 571 | 53 | 1050 | 1 | 1150 | 14 | 1 | 75 | 1 | 3485 | 242.8 | 107 | 1 | 3 | 6 | 100 |
| 33781 | 1.9 | 26100 | 1 | 7 | 33 | .1 | 13 | 43820 | .1 | 25 | 2034 | 61870 | 3620 | 19 | 26120 | 515 | 173 | 1480 | 7 | 1070 | 18 | 1 | 75 | 1 | 2805 | 220.2 | 76 | 2 | 2 | 8 | 144 |
| 33782 | 1.9 | 25500 | 1 | 4 | 47 | .3 | 14 | 43440 | .1 | 27 | 1777 | 63480 | 5190 | 21 | 27530 | 499 | 35 | 880 | 1 | 1320 | 19 | 1 | 70 | 1 | 3113 | 228.7 | 77 | 1 | 2 | 7 | 112 |
| 33783 | 2.2 | 12890 | 1 | 2 | 32 | .3 | 8 | 32510 | .1 | 11 | 1708 | 33520 | 2030 | 8 | 10140 | 314 | 41 | 420 | 1 | 790 | 20 | 1 | 50 | 1 | 1544 | 72.1 | 43 | 4 | 1 | 5 | 91 |
| 33784 | 2.6 | 11420 | 2 | 5 | 28 | .3 | 6 | 37800 | .1 | 13 | 1395 | 35160 | | | | | | | | | | | | | | | | | | | |

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-51

MIN-EN LABS — ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1V-1456-RJ1+2

DATE: 91/11/19

* CORE * (ACT:F31)

Table with columns: SAMPLE NUMBER, AG PPM, AL PPM, AS PPM, B PPM, BA PPM, BE PPM, BI PPM, CA PPM, CD PPM, CO PPM, CU PPM, FE PPM, K PPM, LI PPM, MG PPM, MN PPM, MO PPM, NA PPM, NI PPM, P PPM, PB PPM, SB PPM, SR PPM, TH PPM, TI PPM, V PPM, ZN PPM, GA PPM, SN PPM, W PPM, CR PPM. Rows include sample numbers 35573 through 35620 with corresponding concentration values.

COMP: EL CONDOR RESOURCES
 PROJ: 91205
 ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-51

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 1V-1456-RJ3+4
 DATE: 91/11/19
 * CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 35621 | .9 | 23800 | 9 | 7 | 20 | .7 | 3 | 36480 | .1 | 25 | 1298 | 39990 | 1600 | 9 | 20910 | 576 | 36 | 770 | 9 | 1190 | 26 | 1 | 95 | 1 | 132 | 109.2 | 89 | 2 | 1 | 5 | 69 |
| 35622 | 1.0 | 23910 | 1 | 6 | 25 | .6 | 2 | 44700 | .1 | 17 | 1292 | 40370 | 1890 | 9 | 18270 | 504 | 43 | 800 | 7 | 1620 | 26 | 1 | 103 | 1 | 229 | 118.0 | 69 | 3 | 1 | 5 | 70 |
| 35623 | 1.2 | 23110 | 2 | 5 | 27 | .6 | 2 | 41690 | .1 | 23 | 1764 | 38070 | 1940 | 8 | 16290 | 432 | 46 | 960 | 9 | 1400 | 25 | 1 | 97 | 1 | 180 | 102.0 | 57 | 3 | 1 | 4 | 58 |
| 35624 | 1.0 | 21170 | 1 | 7 | 25 | .4 | 3 | 47160 | .1 | 19 | 976 | 35620 | 2090 | 6 | 14570 | 413 | 200 | 720 | 8 | 1120 | 24 | 1 | 114 | 1 | 281 | 97.3 | 57 | 3 | 1 | 5 | 80 |
| 35625 | 1.3 | 24910 | 1 | 6 | 35 | .6 | 2 | 44090 | .1 | 18 | 1462 | 32360 | 2630 | 8 | 19860 | 566 | 153 | 950 | 8 | 1280 | 28 | 1 | 112 | 1 | 164 | 108.8 | 82 | 3 | 1 | 5 | 65 |
| 35626 | 1.0 | 25410 | 1 | 5 | 50 | .6 | 1 | 45690 | .1 | 27 | 1495 | 45390 | 3500 | 8 | 22100 | 545 | 105 | 430 | 10 | 1630 | 24 | 1 | 118 | 1 | 119 | 124.1 | 87 | 2 | 1 | 6 | 97 |
| 35627 | 1.2 | 26610 | 1 | 4 | 41 | .7 | 2 | 44250 | .1 | 26 | 1305 | 38540 | 3220 | 10 | 22510 | 604 | 39 | 510 | 10 | 1550 | 26 | 1 | 98 | 1 | 96 | 98.4 | 74 | 1 | 1 | 4 | 67 |
| 35628 | 1.5 | 23080 | 6 | 5 | 35 | .5 | 2 | 46960 | .1 | 20 | 1197 | 31090 | 2780 | 7 | 18510 | 469 | 126 | 700 | 9 | 1310 | 27 | 1 | 104 | 1 | 231 | 96.7 | 55 | 4 | 2 | 5 | 76 |
| 35629 | 1.1 | 21930 | 1 | 3 | 24 | .4 | 3 | 45560 | .1 | 20 | 880 | 29650 | 2230 | 6 | 21100 | 498 | 32 | 420 | 9 | 1240 | 22 | 1 | 102 | 1 | 292 | 86.0 | 57 | 2 | 1 | 4 | 60 |
| 35630 | 1.0 | 24930 | 1 | 2 | 18 | .5 | 4 | 45440 | .1 | 9 | 192 | 27720 | 2070 | 8 | 24670 | 658 | 21 | 460 | 8 | 1050 | 22 | 1 | 97 | 1 | 559 | 100.0 | 66 | 2 | 1 | 3 | 49 |
| 35631 | 1.5 | 19390 | 1 | 4 | 21 | .5 | 4 | 45380 | .1 | 21 | 1434 | 35000 | 1970 | 5 | 16870 | 499 | 99 | 470 | 8 | 1260 | 22 | 1 | 106 | 1 | 451 | 113.9 | 57 | 3 | 1 | 4 | 62 |
| 35632 | 1.8 | 22760 | 1 | 7 | 17 | .7 | 1 | 49240 | .1 | 29 | 2529 | 39950 | 2600 | 7 | 25860 | 430 | 248 | 260 | 25 | 960 | 20 | 1 | 116 | 1 | 255 | 79.4 | 63 | 1 | 1 | 5 | 101 |
| 35633 | 1.0 | 31940 | 1 | 5 | 19 | .7 | 5 | 48080 | .1 | 33 | 778 | 53300 | 4370 | 25 | 46120 | 461 | 29 | 210 | 66 | 930 | 10 | 1 | 118 | 1 | 1211 | 137.1 | 71 | 1 | 2 | 14 | 364 |
| 35634 | 1.3 | 15030 | 8 | 1 | 38 | .5 | 1 | 53460 | .1 | 14 | 750 | 23490 | 2820 | 3 | 13060 | 268 | 29 | 200 | 10 | 1000 | 18 | 1 | 154 | 1 | 93 | 34.0 | 35 | 3 | 1 | 5 | 99 |
| 35635 | 1.0 | 12870 | 13 | 2 | 72 | .4 | 2 | 37280 | .1 | 15 | 976 | 24670 | 3940 | 2 | 7960 | 227 | 31 | 320 | 1 | 1220 | 17 | 1 | 84 | 1 | 97 | 15.5 | 30 | 2 | 1 | 5 | 107 |
| 35636 | .9 | 14450 | 4 | 1 | 60 | .6 | 2 | 21210 | .1 | 10 | 385 | 20270 | 3260 | 3 | 10820 | 305 | 32 | 410 | 4 | 1170 | 18 | 1 | 51 | 1 | 132 | 17.7 | 37 | 3 | 1 | 5 | 102 |
| 35637 | 1.5 | 14690 | 3 | 2 | 74 | .6 | 2 | 30460 | .1 | 15 | 801 | 22310 | 4000 | 4 | 9310 | 236 | 48 | 340 | 1 | 1130 | 21 | 1 | 89 | 1 | 272 | 18.0 | 32 | 3 | 1 | 4 | 81 |
| 35638 | 1.6 | 13420 | 4 | 2 | 70 | .5 | 1 | 27880 | .1 | 15 | 1369 | 21560 | 3440 | 4 | 9620 | 258 | 55 | 400 | 8 | 1180 | 17 | 1 | 77 | 1 | 264 | 18.3 | 33 | 3 | 1 | 5 | 94 |
| 35639 | 1.2 | 12800 | 6 | 4 | 59 | .5 | 2 | 29100 | .1 | 9 | 487 | 18870 | 3000 | 2 | 9370 | 242 | 177 | 440 | 5 | 2180 | 20 | 1 | 65 | 1 | 154 | 18.8 | 30 | 3 | 1 | 5 | 106 |
| 35640 | 1.2 | 15000 | 1 | 2 | 46 | .5 | 1 | 41580 | .1 | 19 | 1031 | 26600 | 2810 | 3 | 12490 | 308 | 35 | 410 | 18 | 1150 | 20 | 1 | 73 | 1 | 179 | 35.8 | 41 | 2 | 1 | 5 | 108 |
| 35641 | 1.0 | 20560 | 1 | 2 | 27 | .7 | 1 | 35740 | .1 | 15 | 741 | 28330 | 2170 | 5 | 21320 | 436 | 58 | 360 | 13 | 1320 | 18 | 1 | 62 | 1 | 125 | 71.3 | 56 | 2 | 1 | 3 | 54 |
| 35642 | 1.7 | 24620 | 1 | 2 | 19 | .6 | 2 | 43570 | .1 | 12 | 1016 | 23900 | 2800 | 5 | 26530 | 442 | 74 | 530 | 17 | 1070 | 19 | 1 | 68 | 1 | 205 | 91.3 | 57 | 1 | 1 | 6 | 126 |
| 35643 | 1.1 | 37420 | 1 | 5 | 16 | .8 | 2 | 44850 | .1 | 37 | 1231 | 49590 | 5370 | 9 | 60860 | 481 | 56 | 140 | 100 | 710 | 6 | 1 | 63 | 1 | 722 | 156.7 | 80 | 1 | 2 | 18 | 480 |
| 35644 | .7 | 40490 | 1 | 4 | 11 | .8 | 3 | 38310 | .1 | 53 | 775 | 64260 | 5830 | 17 | 78590 | 392 | 1 | 150 | 136 | 560 | 6 | 1 | 50 | 1 | 1210 | 186.4 | 69 | 1 | 2 | 23 | 657 |
| 35645 | 7.2 | 32970 | 1 | 27 | 35 | .8 | 1 | 47030 | .1 | 52 | 10732 | 61940 | 14220 | 15 | 58710 | 399 | 1148 | 180 | 99 | 590 | 9 | 1 | 81 | 1 | 1559 | 159.9 | 102 | 1 | 3 | 23 | 546 |
| 35646 | 3.2 | 34010 | 1 | 10 | 11 | 1.0 | 5 | 46180 | .1 | 52 | 4099 | 67070 | 3880 | 20 | 61830 | 418 | 165 | 90 | 109 | 600 | 6 | 1 | 72 | 1 | 1482 | 162.9 | 87 | 1 | 2 | 18 | 461 |
| 35647 | 1.2 | 35760 | 1 | 6 | 17 | .8 | 8 | 41770 | .1 | 41 | 449 | 56130 | 5860 | 26 | 68610 | 514 | 7 | 160 | 114 | 560 | 6 | 1 | 66 | 1 | 1823 | 158.1 | 82 | 1 | 2 | 21 | 547 |
| 35648 | 1.4 | 34410 | 1 | 8 | 15 | .8 | 12 | 34210 | .1 | 41 | 801 | 65430 | 4400 | 29 | 47710 | 645 | 35 | 180 | 59 | 730 | 9 | 1 | 38 | 1 | 2612 | 200.7 | 88 | 1 | 3 | 12 | 256 |
| 35649 | 1.2 | 34850 | 1 | 7 | 21 | .9 | 8 | 34220 | .1 | 34 | 629 | 58300 | 7530 | 23 | 38270 | 604 | 5 | 220 | 10 | 920 | 14 | 1 | 49 | 1 | 1743 | 208.2 | 82 | 1 | 2 | 6 | 98 |
| 35650 | 1.2 | 29500 | 1 | 5 | 14 | .6 | 8 | 33960 | .1 | 31 | 472 | 54630 | 4630 | 21 | 37210 | 655 | 7 | 430 | 10 | 930 | 16 | 1 | 50 | 1 | 1870 | 218.2 | 80 | 1 | 2 | 7 | 118 |
| 35651 | 1.4 | 29300 | 1 | 6 | 40 | .6 | 11 | 42550 | .1 | 25 | 351 | 55690 | 9400 | 23 | 35570 | 590 | 42 | 360 | 5 | 770 | 13 | 1 | 66 | 1 | 2582 | 219.9 | 78 | 1 | 3 | 7 | 108 |
| 35652 | 1.5 | 32150 | 1 | 5 | 21 | .5 | 10 | 39870 | .1 | 28 | 422 | 58560 | 6120 | 24 | 37640 | 542 | 9 | 870 | 8 | 930 | 11 | 1 | 60 | 1 | 2337 | 221.1 | 72 | 1 | 3 | 7 | 111 |
| 35653 | 1.3 | 32440 | 1 | 5 | 34 | .7 | 10 | 41310 | .1 | 29 | 486 | 59280 | 8540 | 19 | 35340 | 539 | 15 | 1180 | 5 | 870 | 15 | 1 | 67 | 1 | 2237 | 225.8 | 70 | 1 | 2 | 9 | 154 |
| 35654 | 1.4 | 31510 | 1 | 5 | 39 | .5 | 12 | 40530 | .1 | 30 | 758 | 60710 | 8310 | 21 | 34530 | 538 | 33 | 850 | 6 | 980 | 15 | 1 | 60 | 1 | 2653 | 218.0 | 73 | 1 | 2 | 7 | 114 |
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| 35656 | 1.2 | 28120 | 1 | 5 | 32 | .7 | 9 | 42490 | .1 | 34 | 780 | 61350 | 6050 | 14 | 27550 | 504 | 76 | 880 | 4 | 740 | 14 | 1 | 67 | 1 | 2005 | 200.7 | 67 | 1 | 2 | 7 | 111 |
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| 35658 | 1.2 | 29600 | 1 | 4 | 34 | .8 | 7 | 42300 | .1 | 42 | 859 | 58760 | 6820 | 10 | 28740 | 487 | 23 | 1180 | 9 | 870 | 17 | 1 | 65 | 1 | 1469 | 185.7 | 72 | 1 | 2 | 7 | 123 |
| 35659 | 1.0 | 38870 | 1 | 4 | 53 | .8 | 9 | 42150 | .1 | 36 | 560 | 61140 | 10320 | 11 | 34330 | 738 | 8 | 2040 | 6 | 950 | 15 | 1 | 85 | 1 | 1799 | 214.5 | 89 | 1 | 2 | 7 | 132 |
| 35660 | 1.5 | 29280 | 1 | 4 | 38 | .5 | 9 | 44780 | .1 | 37 | 963 | 69610 | 7000 | 14 | 29130 | 596 | 19 | 1060 | 5 | 670 | 19 | 1 | 77 | 1 | 2265 | 210.2 | 90 | 1 | 2 | 7 | 116 |
| 35661 | 1.4 | 27260 | 1 | 4 | 35 | .7 | 7 | 44880 | .1 | 49 | 1446 | 75480 | 6640 | 12 | 27700 | 505 | 11 | 910 | 5 | 720 | 20 | 1 | 76 | 1 | 2051 | 204.5 | 88 | 1 | 2 | 7 | 127 |
| 35662 | 2.0 | 21240 | 1 | 5 | 32 | .5 | 7 | 50360 | .1 | 33 | 1650 | 57440 | 5570 | 10 | 23310 | 460 | 174 | 350 | 8 | 560 | 18 | 1 | 98 | 1 | 1814 | 182.0 | 79 | 2 | 2 | 6 | 82 |
| 35663 | 2.2 | 28300 | 1 | 3 | 48 | .4 | 12 | 40350 | .1 | 46 | 1450 | 52680 | 9000 | 12 | 31110 | 564 | 36 | 540 | 12 | 860 | 15 | 1 | 65 | 1 | 2685 | 233.6 | 86 | 1 | 3 | 6 | 84 |
| 35664 | 2.3 | 26570 | 1 | 4 | 55 | .5 | 8 | 41390 | .1 | 55 | 2068 | 50460 | 8650 | 10 | 29730 | 489 | 70 | 680 | 15 | 820 | 16 | 1 | 70 | 1 | 1913 | 205.7 | 86 | 1 | 2 | 6 | 93 |
| 35665 | 2.8 | 31250 | 1 | 5 | 78 | .3 | 12 | 40200 | .1 | 42 | 1753 | 55110 | 10790 | 13 | 37310 | 679 | 124 | 680 | 14 | 800 | 15 | 1 | 70 | 1 | 2764 | 227.7 | 115 | 1 | 3 | 8 | 149 |
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| 35667 | 2.5 | 22180 | 1 | 3 | 49 | .3 | 11 | 49890 | .1 | 41 | 1342 | 43340 | 6080 | 9 | 25150 | 479 | 76 | 620 | 11 | 690 | 17 | 1 | 118 | 1 | 2352 | 177.6 | 112 | 2 | 3 | 7 | 115 |
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COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-51

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 1V-1456-RJ5+6

DATE: 91/11/19

* CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | B1 PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | T1 PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 35669 | 1.4 | 27540 | 1 | 7 | 67 | .4 | 14 | 40150 | .1 | 30 | 591 | 47230 | 9110 | 7 | 28820 | 502 | 11 | 1920 | 10 | 1040 | 19 | 1 | 63 | 1 | 2718 | 214.9 | 81 | 1 | 2 | 7 | 105 |
| 35670 | 1.3 | 26220 | 1 | 4 | 36 | .4 | 13 | 31990 | .1 | 29 | 459 | 49030 | 5110 | 8 | 26770 | 483 | 1 | 1850 | 8 | 1060 | 19 | 1 | 47 | 1 | 2495 | 208.6 | 75 | 1 | 2 | 7 | 116 |
| 35671 | 1.4 | 28670 | 1 | 4 | 51 | .4 | 14 | 41140 | .1 | 28 | 417 | 48280 | 7590 | 7 | 27940 | 474 | 2 | 2370 | 9 | 920 | 16 | 1 | 61 | 1 | 2523 | 207.8 | 84 | 1 | 2 | 6 | 96 |
| 35672 | 1.5 | 29460 | 1 | 5 | 85 | .2 | 15 | 43760 | .1 | 37 | 445 | 54600 | 12290 | 10 | 33800 | 614 | 4 | 1320 | 9 | 860 | 15 | 1 | 70 | 1 | 3280 | 242.5 | 117 | 1 | 3 | 8 | 117 |
| 35673 | 2.6 | 25050 | 1 | 5 | 38 | .6 | 13 | 44120 | .1 | 34 | 2311 | 69950 | 6090 | 8 | 26540 | 511 | 21 | 1330 | 3 | 980 | 18 | 1 | 72 | 1 | 2505 | 201.6 | 110 | 1 | 2 | 9 | 147 |
| 35674 | 1.7 | 27850 | 1 | 4 | 75 | .4 | 12 | 38900 | .1 | 41 | 1069 | 63300 | 11400 | 6 | 30310 | 590 | 1 | 1780 | 8 | 920 | 17 | 1 | 55 | 1 | 2952 | 224.7 | 92 | 1 | 2 | 8 | 125 |
| 35675 | 2.4 | 30740 | 1 | 5 | 65 | .2 | 14 | 41890 | .1 | 29 | 1527 | 52220 | 11200 | 6 | 32480 | 642 | 85 | 2270 | 5 | 900 | 16 | 1 | 67 | 1 | 3055 | 229.6 | 95 | 1 | 3 | 8 | 138 |
| 35676 | 1.6 | 30610 | 1 | 6 | 84 | .5 | 14 | 43210 | .1 | 41 | 829 | 62940 | 14530 | 8 | 35430 | 585 | 103 | 1800 | 8 | 850 | 12 | 1 | 67 | 1 | 3202 | 256.9 | 92 | 1 | 3 | 9 | 151 |
| 35677 | 1.8 | 29200 | 1 | 4 | 68 | .2 | 15 | 41810 | .1 | 39 | 771 | 57640 | 11480 | 9 | 37330 | 626 | 62 | 1000 | 8 | 970 | 16 | 1 | 63 | 1 | 3351 | 265.5 | 97 | 1 | 3 | 7 | 109 |
| 35678 | 1.6 | 19790 | 1 | 3 | 36 | .3 | 11 | 63430 | .1 | 37 | 634 | 50870 | 5760 | 7 | 24140 | 424 | 56 | 510 | 8 | 580 | 17 | 1 | 178 | 1 | 2196 | 177.8 | 70 | 1 | 2 | 6 | 94 |
| 35679 | 1.6 | 29260 | 1 | 3 | 79 | .4 | 14 | 43180 | .1 | 39 | 548 | 55970 | 12630 | 9 | 35450 | 543 | 32 | 1160 | 10 | 940 | 12 | 1 | 68 | 1 | 3079 | 257.3 | 90 | 1 | 3 | 7 | 119 |
| 35680 | 1.3 | 28070 | 1 | 2 | 39 | .4 | 11 | 41730 | .1 | 28 | 399 | 50000 | 5990 | 8 | 32570 | 651 | 25 | 1220 | 8 | 980 | 14 | 1 | 59 | 1 | 2443 | 235.1 | 102 | 1 | 2 | 7 | 103 |
| 35681 | 1.2 | 32130 | 1 | 2 | 46 | .4 | 12 | 37300 | .1 | 34 | 542 | 55220 | 6880 | 7 | 33900 | 651 | 1 | 2060 | 8 | 1020 | 15 | 1 | 58 | 1 | 2612 | 259.1 | 82 | 1 | 2 | 7 | 111 |
| 35682 | 1.1 | 28320 | 1 | 3 | 51 | .3 | 11 | 40050 | .1 | 30 | 505 | 59800 | 7820 | 8 | 31250 | 539 | 3 | 1660 | 9 | 990 | 13 | 1 | 69 | 1 | 2668 | 232.6 | 73 | 1 | 2 | 7 | 119 |
| 35683 | 1.3 | 16320 | 1 | 3 | 29 | .3 | 8 | 54480 | .1 | 34 | 651 | 49030 | 4450 | 7 | 19990 | 304 | 102 | 460 | 9 | 610 | 16 | 1 | 105 | 1 | 1889 | 166.6 | 50 | 1 | 2 | 5 | 82 |
| 35684 | 1.0 | 22800 | 1 | 2 | 25 | .4 | 11 | 41470 | .1 | 29 | 376 | 52350 | 3910 | 11 | 29510 | 453 | 4 | 670 | 6 | 930 | 15 | 1 | 55 | 1 | 2506 | 221.4 | 63 | 1 | 2 | 6 | 96 |
| 35685 | .8 | 23000 | 1 | 2 | 27 | .5 | 9 | 40050 | .1 | 42 | 580 | 59280 | 4280 | 8 | 28680 | 398 | 4 | 810 | 8 | 1000 | 12 | 1 | 50 | 1 | 2050 | 209.6 | 70 | 1 | 1 | 6 | 95 |
| 35686 | 1.0 | 21960 | 1 | 1 | 11 | .4 | 12 | 34180 | .1 | 25 | 238 | 45920 | 1620 | 9 | 25640 | 547 | 7 | 920 | 9 | 1140 | 17 | 1 | 39 | 1 | 2464 | 176.0 | 66 | 1 | 2 | 8 | 142 |
| 35687 | 1.1 | 19450 | 1 | 1 | 8 | .4 | 11 | 25670 | .1 | 22 | 469 | 47300 | 1310 | 12 | 23970 | 513 | 2 | 530 | 7 | 1080 | 15 | 1 | 30 | 1 | 2442 | 199.0 | 67 | 1 | 2 | 5 | 71 |
| 35688 | 1.5 | 27430 | 1 | 3 | 5 | .4 | 13 | 21290 | .1 | 30 | 519 | 50320 | 1010 | 13 | 28320 | 701 | 4 | 400 | 6 | 1080 | 17 | 1 | 31 | 1 | 2817 | 220.4 | 78 | 1 | 2 | 7 | 115 |
| 35689 | 1.8 | 31340 | 1 | 7 | 4 | .8 | 14 | 45460 | .1 | 37 | 667 | 58800 | 1850 | 14 | 26530 | 570 | 16 | 430 | 5 | 960 | 21 | 1 | 45 | 1 | 2833 | 201.5 | 72 | 1 | 2 | 5 | 59 |
| 35690 | 1.4 | 24570 | 1 | 3 | 7 | .5 | 13 | 29700 | .1 | 37 | 691 | 59260 | 1210 | 13 | 29580 | 618 | 24 | 490 | 9 | 960 | 14 | 1 | 78 | 1 | 2625 | 223.7 | 78 | 1 | 2 | 7 | 121 |
| 35691 | 1.8 | 20920 | 1 | 3 | 18 | .3 | 13 | 45270 | .1 | 23 | 843 | 47300 | 3070 | 15 | 28080 | 516 | 84 | 610 | 3 | 890 | 18 | 1 | 58 | 1 | 2602 | 216.0 | 77 | 1 | 2 | 6 | 93 |
| 35692 | 1.2 | 23540 | 1 | 2 | 41 | .3 | 13 | 33390 | .1 | 23 | 379 | 56900 | 6070 | 9 | 30310 | 577 | 5 | 1030 | 2 | 1030 | 12 | 1 | 47 | 1 | 2977 | 241.0 | 72 | 1 | 2 | 8 | 134 |
| 35693 | 1.1 | 22820 | 3 | 8 | 24 | .5 | 14 | 34380 | .1 | 25 | 404 | 49960 | 3180 | 12 | 28040 | 525 | 8 | 1180 | 7 | 1020 | 16 | 1 | 48 | 1 | 2341 | 219.1 | 81 | 1 | 1 | 7 | 108 |
| 35694 | 1.0 | 28940 | 1 | 8 | 28 | .6 | 14 | 42610 | .1 | 35 | 649 | 67360 | 3770 | 13 | 31540 | 558 | 10 | 1660 | 6 | 1030 | 17 | 1 | 59 | 1 | 2467 | 248.1 | 101 | 1 | 1 | 7 | 114 |
| 35695 | 1.3 | 36690 | 1 | 6 | 61 | .5 | 13 | 45530 | .1 | 36 | 625 | 54500 | 7660 | 10 | 31940 | 533 | 13 | 3210 | 10 | 1030 | 18 | 1 | 70 | 1 | 2739 | 259.9 | 104 | 1 | 1 | 10 | 151 |
| 35696 | 1.2 | 28120 | 1 | 6 | 84 | .5 | 12 | 45880 | .1 | 42 | 910 | 70530 | 9490 | 8 | 25970 | 484 | 26 | 1970 | 8 | 850 | 21 | 1 | 68 | 1 | 2676 | 247.2 | 99 | 1 | 1 | 10 | 159 |
| 35697 | 1.3 | 32170 | 1 | 6 | 62 | .6 | 13 | 46520 | .1 | 40 | 943 | 62990 | 7630 | 6 | 27770 | 662 | 15 | 2800 | 9 | 900 | 20 | 1 | 71 | 1 | 2609 | 243.4 | 106 | 1 | 1 | 9 | 146 |
| 35698 | 1.5 | 29300 | 1 | 7 | 68 | .5 | 13 | 47800 | .1 | 42 | 1250 | 75270 | 8840 | 10 | 29890 | 517 | 85 | 1970 | 9 | 810 | 16 | 1 | 82 | 1 | 2857 | 254.1 | 92 | 1 | 1 | 9 | 141 |
| 35699 | 1.1 | 31440 | 1 | 5 | 99 | .5 | 11 | 46580 | .1 | 41 | 653 | 62050 | 13960 | 10 | 34410 | 415 | 24 | 1700 | 5 | 790 | 14 | 1 | 75 | 1 | 2680 | 227.7 | 76 | 1 | 1 | 8 | 131 |
| 35700 | .7 | 32850 | 1 | 5 | 78 | .6 | 12 | 45140 | .1 | 38 | 606 | 74500 | 10290 | 7 | 33040 | 534 | 14 | 2280 | 4 | 900 | 15 | 1 | 65 | 1 | 2558 | 239.3 | 78 | 1 | 1 | 8 | 126 |
| 35701 | 1.1 | 28860 | 1 | 5 | 44 | .6 | 14 | 37320 | .1 | 33 | 564 | 57880 | 5830 | 11 | 35070 | 661 | 5 | 1360 | 8 | 980 | 14 | 1 | 51 | 1 | 2769 | 239.7 | 89 | 1 | 1 | 8 | 124 |
| 35702 | 2.1 | 25950 | 1 | 6 | 66 | .7 | 11 | 42450 | .1 | 62 | 1746 | 75590 | 8320 | 10 | 31960 | 662 | 80 | 1040 | 11 | 780 | 18 | 1 | 79 | 1 | 2603 | 235.2 | 141 | 1 | 1 | 8 | 130 |
| 35703 | 8.3 | 32620 | 1 | 8 | 69 | .9 | 29 | 42400 | .1 | 36 | 4177 | 104480 | 6780 | 10 | 33280 | 1158 | 59 | 1780 | 1 | 870 | 38 | 1 | 101 | 1 | 2815 | 228.6 | 295 | 1 | 1 | 7 | 96 |
| 35704 | 1.6 | 33620 | 1 | 5 | 85 | .4 | 16 | 24620 | .1 | 28 | 700 | 56400 | 9140 | 9 | 39900 | 922 | 39 | 1590 | 4 | 1040 | 12 | 1 | 60 | 1 | 3357 | 272.5 | 133 | 1 | 2 | 9 | 138 |
| 35705 | 1.9 | 26340 | 1 | 3 | 76 | .3 | 14 | 21870 | .1 | 20 | 1000 | 46120 | 9430 | 8 | 32680 | 654 | 23 | 1340 | 6 | 940 | 10 | 1 | 50 | 1 | 2947 | 222.7 | 101 | 1 | 2 | 7 | 100 |
| 35706 | 1.3 | 31970 | 1 | 5 | 79 | .7 | 13 | 25840 | .1 | 37 | 1042 | 66160 | 9910 | 11 | 38850 | 724 | 30 | 1750 | 8 | 900 | 12 | 1 | 53 | 1 | 2990 | 241.7 | 137 | 1 | 1 | 7 | 113 |
| 35707 | 1.7 | 29800 | 1 | 6 | 93 | .7 | 13 | 44120 | .1 | 36 | 1210 | 69680 | 10500 | 9 | 29740 | 621 | 69 | 2380 | 6 | 910 | 21 | 1 | 73 | 1 | 2813 | 245.4 | 142 | 1 | 1 | 9 | 136 |
| 35708 | 3.3 | 23730 | 1 | 7 | 77 | .5 | 13 | 47620 | .1 | 27 | 3399 | 68160 | 7460 | 10 | 24520 | 550 | 117 | 1270 | 8 | 970 | 25 | 1 | 75 | 1 | 3030 | 244.2 | 162 | 2 | 1 | 9 | 131 |
| 35709 | 1.7 | 21330 | 1 | 5 | 70 | .6 | 11 | 46420 | .1 | 33 | 1749 | 63700 | 7890 | 9 | 23980 | 433 | 56 | 850 | 8 | 860 | 20 | 1 | 65 | 1 | 2668 | 239.0 | 110 | 1 | 1 | 7 | 101 |
| 35710 | 1.3 | 28670 | 1 | 4 | 80 | .6 | 13 | 42170 | .1 | 34 | 982 | 63140 | 11360 | 10 | 37300 | 520 | 29 | 960 | 10 | 930 | 13 | 1 | 56 | 1 | 3028 | 260.3 | 98 | 1 | 2 | 8 | 118 |
| 35711 | 1.9 | 26360 | 1 | 4 | 78 | .5 | 13 | 36680 | .1 | 36 | 1517 | 62270 | 11290 | 11 | 36640 | 489 | 24 | 790 | 9 | 910 | 15 | 1 | 52 | 1 | 3009 | 238.9 | 97 | 1 | 1 | 7 | 98 |
| 35712 | 1.5 | 28810 | 1 | 3 | 131 | .4 | 15 | 25620 | .1 | 27 | 541 | 52880 | 16570 | 8 | 39760 | 534 | 9 | 1010 | 9 | 970 | 10 | 1 | 54 | 1 | 3189 | 240.8 | 85 | 1 | 2 | 7 | 102 |
| 35713 | 1.3 | 26760 | 1 | 4 | 134 | .4 | 15 | 21640 | .1 | 25 | 377 | 57040 | 13740 | 10 | 36380 | 526 | 10 | 940 | 9 | 1030 | 12 | 1 | 43 | 1 | 3337 | 245.0 | 85 | 1 | 1 | 7 | 101 |
| 35714 | 1.3 | 25870 | 1 | 5 | 77 | .4 | 16 | 25550 | .1 | 22 | 645 | 69970 | 7600 | 17 | 33670 | 1012 | 22 | 1020 | 4 | 1070 | 13 | 1 | 43 | 1 | 3448 | 256.5 | 114 | 1 | 1 | 8 | 126 |
| 35715 | 1.4 | 31050 | 1 | 4 | 168 | .3 | 16 | 36680 | .1 | 28 | 698 | 64510 | 15940 | 9 | 36060 | 540 | 13 | 1930 | 11 | 1150 | | | | | | | | | | | |

COMP: EL CONDOR RESOURCES

PROJ: 91205

ATTN: M.HARRIS/B.BOWER/M.REBAGLIATI

91-51

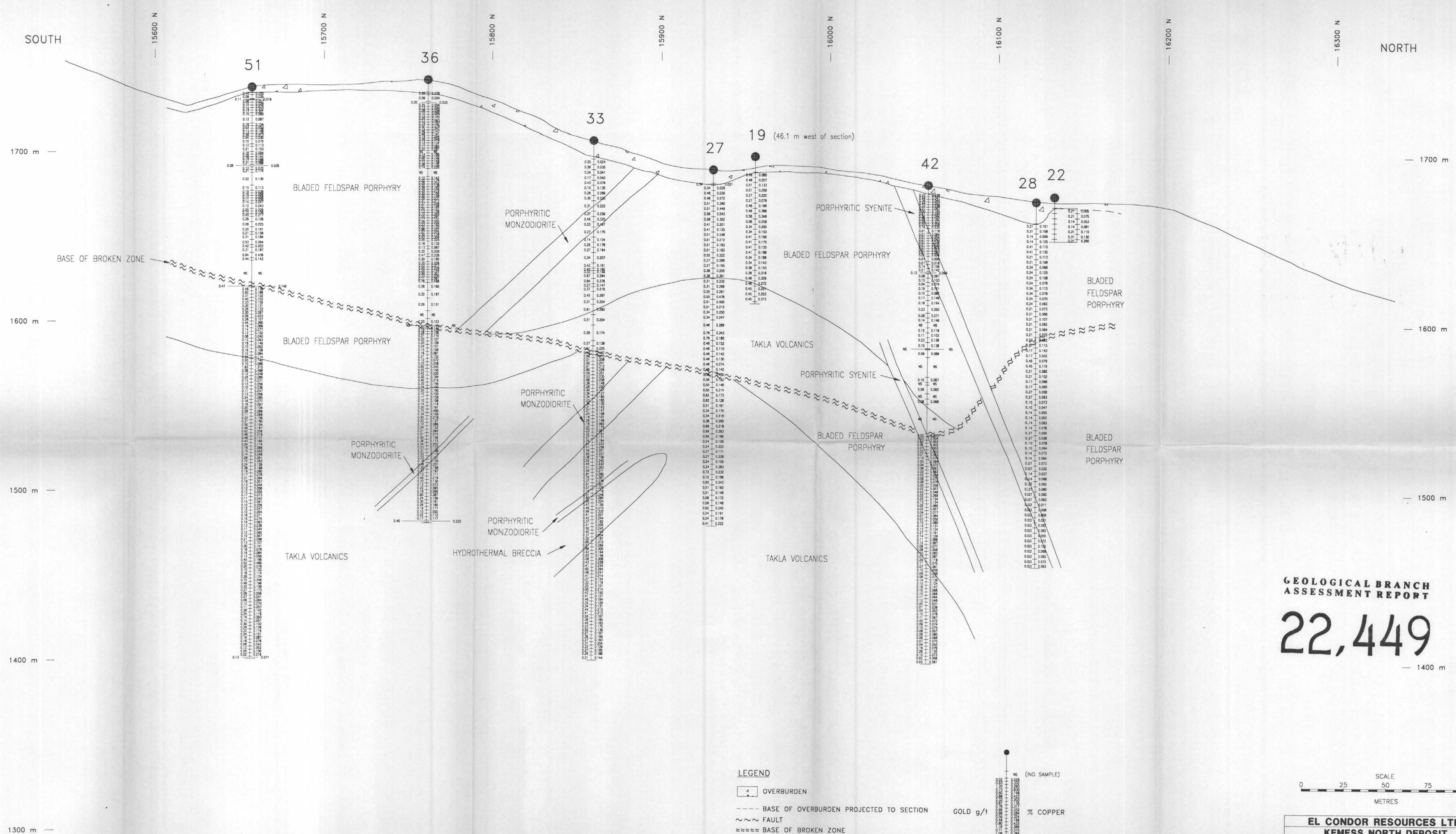
MIN-EN LABS — ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1V-1456-RJ7

DATE: 91/11/19

* CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| 35717 | 1.5 | 23240 | 3 | 7 | 65 | .6 | 18 | 37670 | .1 | 32 | 1195 | 56580 | 5510 | 10 | 23620 | 476 | 35 | 1690 | 11 | 1040 | 20 | 1 | 47 | 1 | 2472 | 213.7 | 102 | 1 | 2 | 8 | 122 |
| 35718 | 1.7 | 24140 | 1 | 5 | 47 | .7 | 18 | 43720 | .1 | 32 | 1055 | 57410 | 4060 | 11 | 23730 | 592 | 12 | 1690 | 12 | 990 | 17 | 1 | 54 | 1 | 2718 | 217.0 | 88 | 1 | 2 | 7 | 96 |
| 35719 | 1.5 | 29000 | 1 | 4 | 77 | .6 | 17 | 42050 | .1 | 25 | 865 | 56050 | 5990 | 8 | 26780 | 567 | 19 | 2480 | 11 | 1020 | 15 | 1 | 57 | 1 | 2782 | 216.7 | 95 | 1 | 2 | 9 | 134 |
| 35720 | 1.5 | 26360 | 1 | 4 | 128 | .5 | 16 | 24160 | .1 | 20 | 503 | 58490 | 10890 | 7 | 30050 | 685 | 15 | 1940 | 6 | 1010 | 14 | 1 | 48 | 1 | 3186 | 239.1 | 98 | 1 | 2 | 7 | 105 |
| 35721 | 2.0 | 32960 | 1 | 4 | 133 | .5 | 16 | 38980 | .1 | 25 | 888 | 62640 | 13700 | 13 | 41870 | 807 | 43 | 1660 | 8 | 820 | 11 | 1 | 58 | 1 | 3332 | 237.9 | 146 | 1 | 3 | 8 | 140 |
| 35722 | 2.1 | 32250 | 1 | 4 | 112 | .6 | 15 | 45020 | .1 | 31 | 1098 | 61560 | 8280 | 11 | 28900 | 780 | 36 | 2860 | 8 | 980 | 21 | 1 | 67 | 1 | 3096 | 248.6 | 144 | 1 | 2 | 10 | 144 |
| 35723 | .9 | 23450 | 1 | 5 | 38 | .8 | 8 | 48200 | .1 | 34 | 1020 | 87160 | 3240 | 15 | 23340 | 690 | 36 | 1160 | 5 | 740 | 17 | 1 | 83 | 1 | 2027 | 190.8 | 130 | 1 | 1 | 8 | 127 |
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| 35725 | 1.7 | 23380 | 1 | 2 | 44 | .7 | 17 | 42120 | .1 | 31 | 770 | 53560 | 4030 | 17 | 30350 | 791 | 19 | 940 | 10 | 960 | 14 | 1 | 58 | 1 | 2822 | 228.8 | 137 | 1 | 2 | 9 | 137 |
| 35726 | 1.8 | 25310 | 1 | 3 | 56 | .5 | 17 | 34610 | .1 | 30 | 699 | 59170 | 5520 | 22 | 35980 | 882 | 14 | 840 | 9 | 1020 | 11 | 1 | 58 | 1 | 3324 | 244.7 | 127 | 1 | 2 | 8 | 111 |
| 35727 | 1.0 | 18360 | 1 | 2 | 36 | .7 | 14 | 28370 | .1 | 25 | 372 | 59360 | 3380 | 14 | 25400 | 612 | 18 | 570 | 4 | 1040 | 16 | 1 | 59 | 1 | 2351 | 226.6 | 103 | 1 | 1 | 7 | 110 |
| 35728 | 1.5 | 23300 | 1 | 2 | 76 | .5 | 15 | 28470 | .1 | 26 | 482 | 59490 | 7420 | 19 | 33990 | 773 | 9 | 640 | 8 | 970 | 16 | 1 | 54 | 1 | 3067 | 234.1 | 118 | 1 | 2 | 7 | 98 |
| 35729 | 1.7 | 23180 | 1 | 3 | 51 | .7 | 17 | 36150 | .1 | 32 | 911 | 59590 | 4850 | 25 | 32240 | 842 | 52 | 850 | 10 | 980 | 16 | 1 | 53 | 1 | 3088 | 226.9 | 121 | 1 | 2 | 7 | 105 |
| 35730 | 1.1 | 21740 | 1 | 1 | 83 | .5 | 16 | 19670 | .1 | 18 | 129 | 56930 | 7130 | 14 | 30780 | 733 | 6 | 820 | 3 | 1030 | 13 | 1 | 42 | 1 | 3168 | 229.6 | 114 | 1 | 2 | 7 | 93 |
| 35731 | 1.7 | 18630 | 1 | 1 | 55 | .5 | 13 | 28550 | .1 | 29 | 646 | 53320 | 4790 | 16 | 26720 | 625 | 35 | 490 | 8 | 1010 | 16 | 1 | 46 | 1 | 2624 | 211.4 | 109 | 1 | 2 | 7 | 82 |



SOUTH

NORTH

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1700 m

1700 m

1600 m

1600 m

1500 m

1500 m

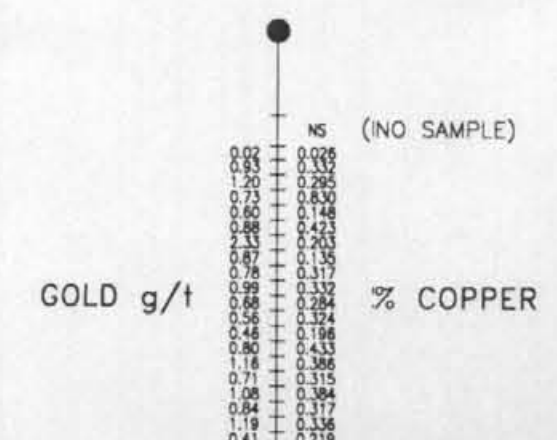
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1400 m

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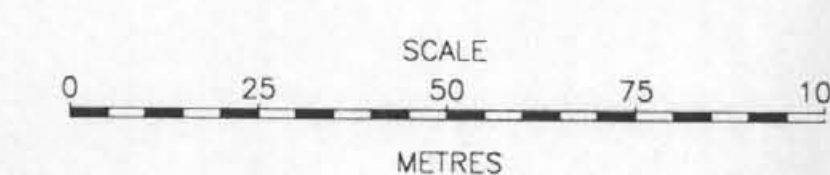
LEGEND

- 4 OVERBURDEN
- BASE OF OVERBURDEN PROJECTED TO SECTION
- ~ ~ ~ FAULT
- ~ ~ ~ ~ ~ BASE OF BROKEN ZONE



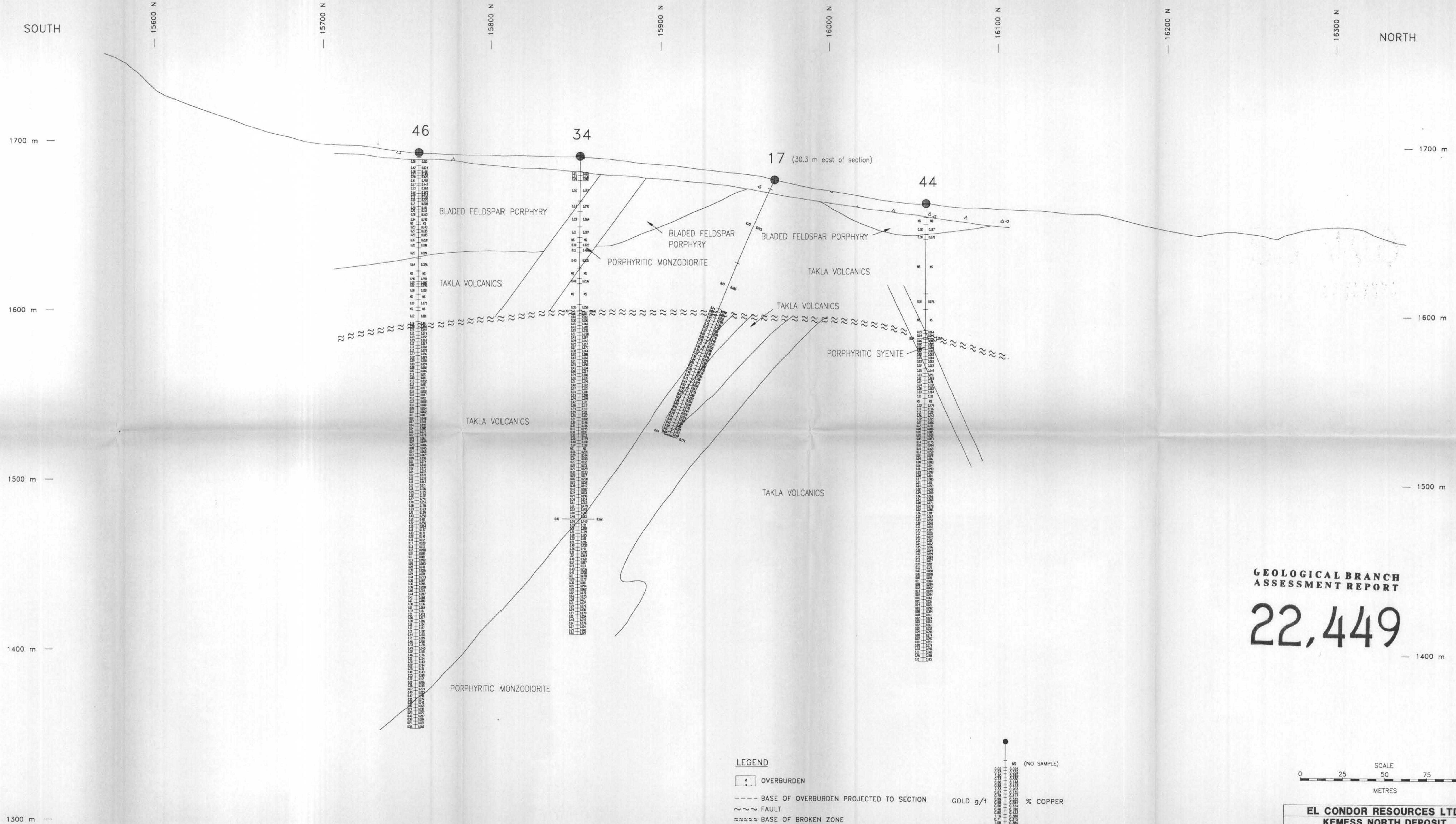
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,449



**EL CONDOR RESOURCES LTD.
KEMESS NORTH DEPOSIT**

**GOLD-COPPER
ASSAY VALUES
SECTION 9760 EAST
LOOKING WEST**

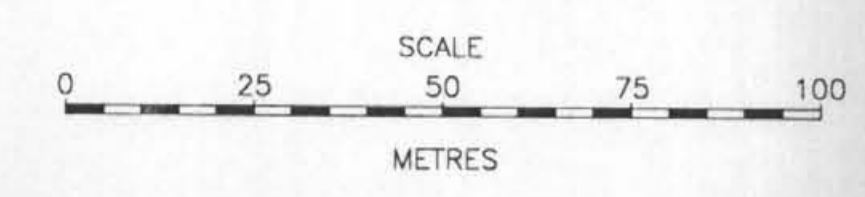
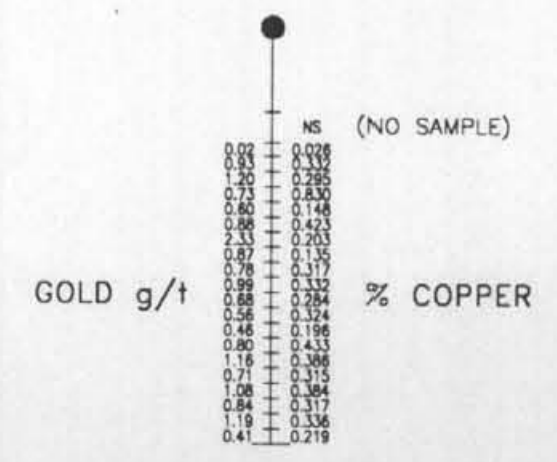


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ASSESSMENT REPORT

22,449

LEGEND

- 4 OVERBURDEN
- BASE OF OVERBURDEN PROJECTED TO SECTION
- ~ ~ ~ FAULT
- ~ ~ ~ ~ BASE OF BROKEN ZONE



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KEMESS NORTH DEPOSIT
GOLD-COPPER
ASSAY VALUES
SECTION 9960 EAST
LOOKING WEST

MAY 15, 1992 SCALE 1 : 1000 DRAWN BY: PiroComp, GeoDraft Ltd. PAGE 6

SOUTH

NORTH

15600 N

15700 N

15800 N

15900 N

16000 N

16100 N

16200 N

16300 N

1700 m

1700 m

1600 m

1600 m

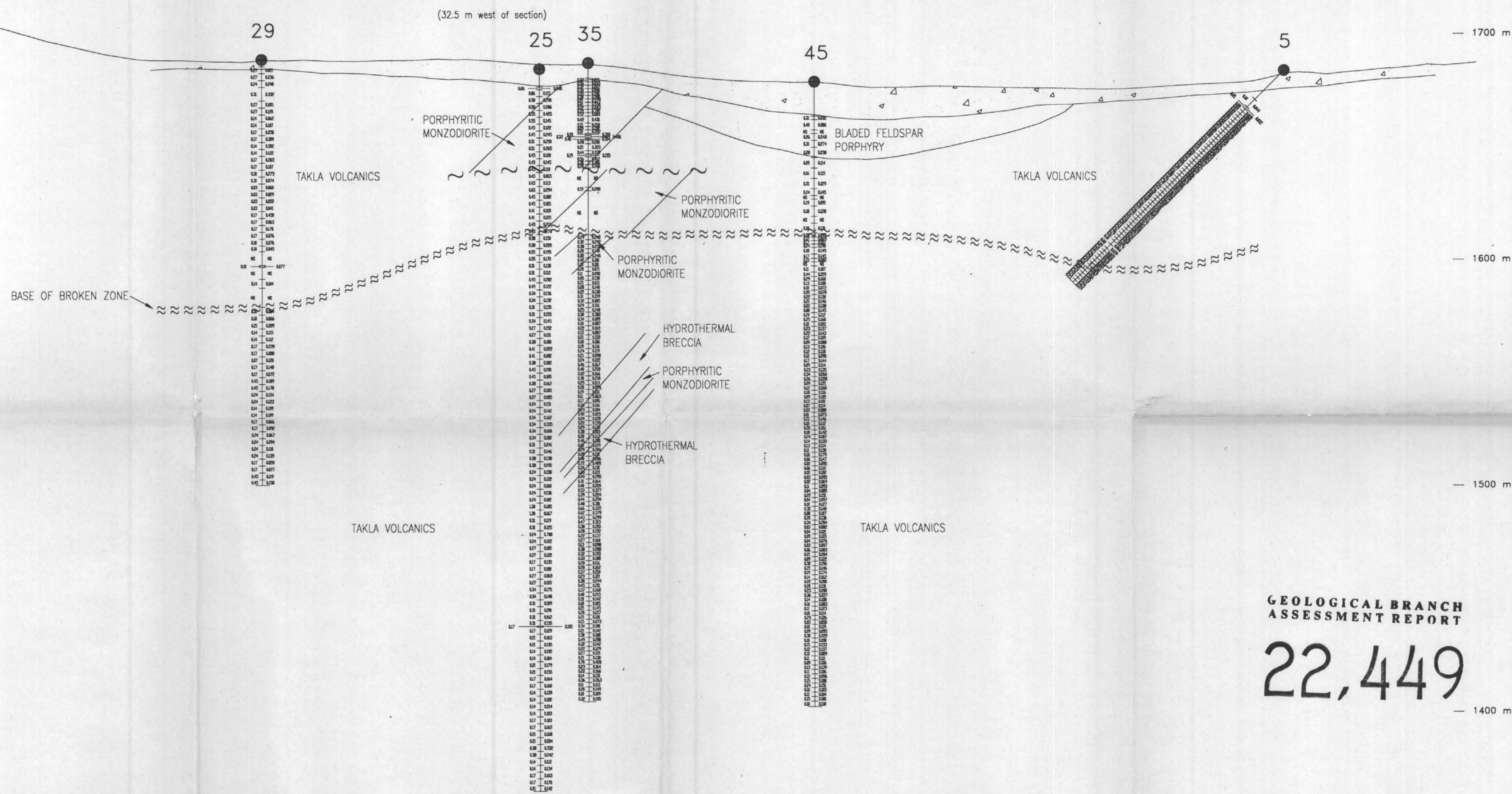
1500 m

1500 m

1400 m

1400 m

1300 m

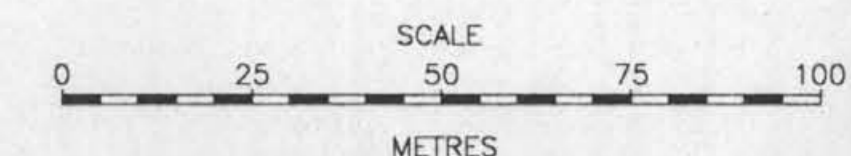
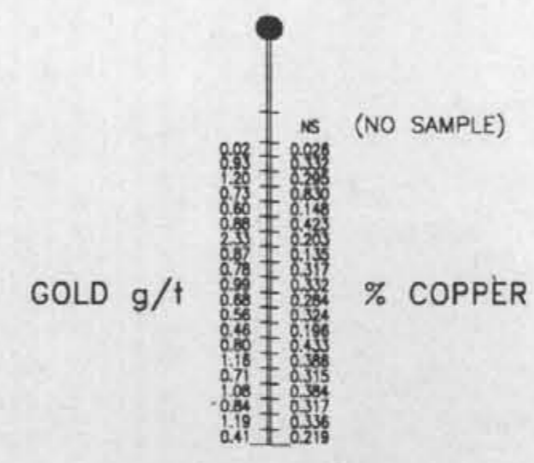


GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,449

LEGEND

- OVERBURDEN
- BASE OF OVERBURDEN PROJECTED TO SECTION
- ~ ~ ~ FAULT
- ~ ~ ~ ~ ~ BASE OF BROKEN ZONE



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GOLD-COPPER
ASSAY VALUES
SECTION 10060 EAST
LOOKING WEST

DATE: MAY 15, 1992 SCALE: 1 : 1000 DRAWN BY: ProCamp GeoDraft Ltd. PAGE: 7