

REPORT ON
PROGRAM OF DIAMOND DRILLING
ON THE
DAVE AND "A" MINERAL CLAIMS
RECORD NOS. 1155(3), 1156(3)
AFTON-CHERRY CREEK AREA
KAMLOOPS MINING DIVISION
KAMLOOPS, BRITISH COLUMBIA

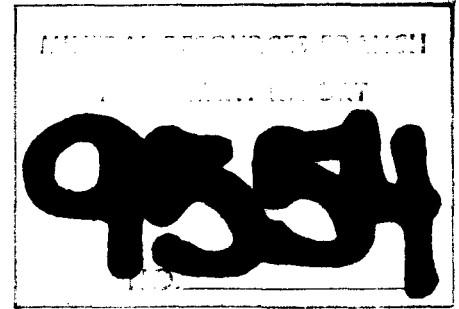
N. Lat. 50°38' W. Long. 120°33'

for

DORADO RESOURCES LTD.
Suite 800, 543 Granville Street
Vancouver, British Columbia

by

DONALD W. TULLY, P. ENG,



December 19, 1980

West Vancouver, B.C.

WITH APPENDED STATEMENT OF DEVELOPMENT
AND EXPLORATION COSTS DATED FEBRUARY 17, 1981

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Logs of Diamond Drill Holes 80-1, 80-2, 80-3, 80-4, 80-5, 80-6

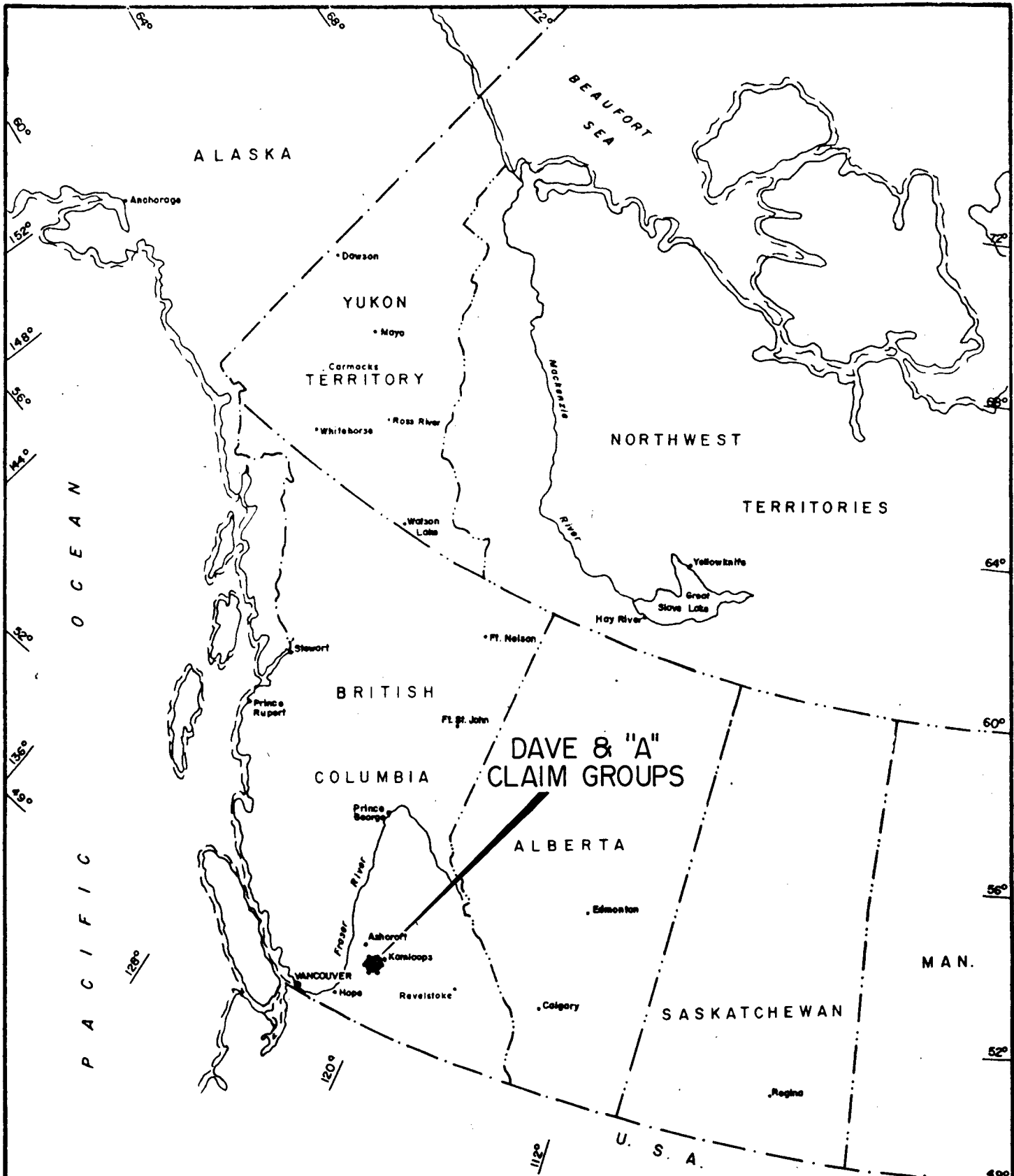


FIGURE I.
PROPERTY LOCATION MAP

December 19, 1980

Donald W. Hulby

INTRODUCTION

This report was prepared pursuant to a request by Dorado Resources Ltd., Suite 800, 543 Granville Street, Vancouver, British Columbia.

The purpose of this report is to summarize and assess the results of the mineral exploration work done on the DAVE and "A" claims and evaluate the property for mine-making potential.

This property is well located with regard to geological structural features and considered to be an excellent exploration bet in a favourable geologic environment.

A work program is recommended.

SUMMARY AND CONCLUSIONS

The 1980 program of diamond drilling completed six holes for a total of 1,504.53 metres (4,935 feet). Two holes were completed in 1979 for a total of eight diamond drill holes and 1,712.53 metres (5,617 feet) of drilling.

The 1980 program of diamond drilling was a follow-up to test anomalous conditions found in a Turam ground electromagnetic survey done in April-May, 1980.

The DAVE and "A" claims comprise twenty-four contiguous claim units, located south of the Afton Mines property astride Cherry Creek some 15 kilometres west of

Kamloops, British Columbia (Figure 1).

Volcanics belonging to the Nicola and the overlying Kamloops group of rocks cover the property. Considerable overburden occupies the north part of the DAVE claims.

Previous development work as a result of a reconnaissance VLF electromagnetic survey indicated an apparent conductor in the vicinity of Cherry Creek. Because of the proximity of the apparent conductor area to Cherry Creek it was thought the apparent conductor anomalous zone could be a shear-fault and warranted a drill test. This zone was traced for a north-south strike length of 1,150 feet (350 metres).

In June-July, 1979, a diamond drill hole test was done on the apparent electromagnetic conductor with NQ size core. A total of 682.5 feet (208 metres) was drilled in two holes and of this 341.5 feet (104 metres) of overburden penetration was performed. No mineralization of economic significance was intersected although a major size north-south striking multiple shear zone was found in Hole No. 2 in the valley of Cherry Creek. It was then concluded that the cause of the apparent conductor anomaly in the area of the diamond drill test is due to the migration of meteoric water and telluric earth currents in the intensely sheared volcanic rocks intersected in the drilling. This shear zone may have mineralization at some point along the strike and down dip. The strong shear zone appears to persist along a north-south strike for a considerable distance and warrants further geophysical testing to search for concentrations of sulphide mineralization. For these reasons

it was decided to conduct a deep-penetrating Elfast Turam ground electromagnetic survey.

An Elfast Turam electromagnetic survey was carried out in April-May, 1980. This work indicated several lineal anomalous zones trending in an north-south pattern across the claim area. Those anomalous zones displaying the highest conductances were chosen as diamond drill targets, namely, Line 17S at 6+15W; Line 15S at 5+15W; line 5S at 6+40W and Line 10S at 11+70W. These indicated zones of highest conductance were tested by diamond drilling. The results showed strong zones of chlorite schist and mud-faults with associated mylonitic rocks. Scattered flecks of native copper were found disseminated through the andesitic host rocks in all but one of the six diamond drill holes in the 1980 program.

Although no mineralization of economic importance was intersected in the drilling, the widespread occurrence of copper mineralization in the chlorite schist-shear zone suggests a structural control may localize zones of copper enrichment. Geologic conditions such as changes in strike and dip due to dragfolding may occur in such a wide zone of shearing as was encountered in DD Holes #80-1, #80-2, #80-5 and #80-6. The full width of the chlorite schist-shear zone is greater than 300 metres in #80-6 and warrants further testing. The strike length of the several zones of shearing extends for more than a kilometre as indicated by geophysical information. The dip appears, from a study of the angle of shear to the axis of the core, to be quite steep and inclined generally to the west.

It is concluded the presence of native copper may indicate a zone of reduction with copper sulphide

mineralization at depth in the large zone of chlorite schist which is considered to be a favourable geological environment for copper deposits.

A gravity survey is recommended to test the multiple north-south striking shear zones that occupy that portion of the property to the east of Cherry Creek as indicated, particularly in diamond drill hole #80-6.

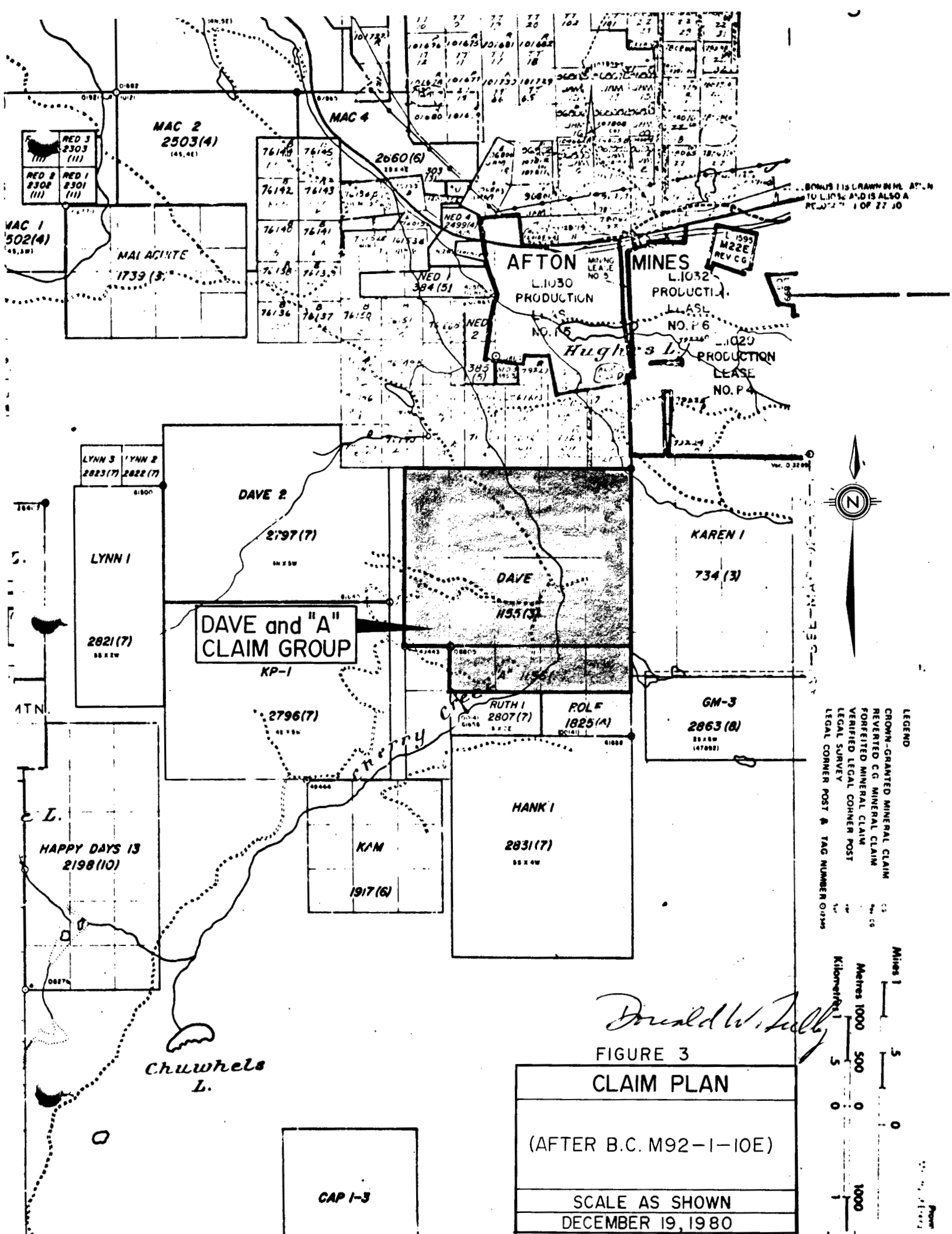
PROPERTY - LOCATION, ACCESS, PHYSIOGRAPHY

The DAVE claim comprises twenty units and the "A" claim has four units for a total group of 24 units. These claims are located astride Cherry Creek about one kilometre south of the AFTON mine property, and some 15 kilometres west of Kamloops, British Columbia.

Access by motor car is from the hamlet of Cherry Creek and southward along the Dominic Lake road a distance of about five road kilometres.

Elevations vary over the property from a low of about 2,600 feet (800 metres) in the northeast part to a high of about 3,600 feet (1,100 metres) in the southwest portion. Cherry Creek traverses the DAVE and "A" claim area in a north-northwest direction and controls the drainage pattern of the area. The water rights along Cherry Creek are understood to be held by several individuals.

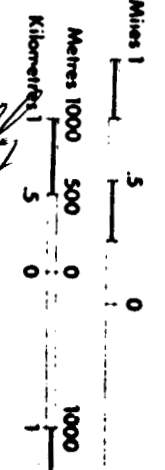
Sand, gravel and loam cover the claim area. A small amount of agricultural land lies on Section 23 near



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LEGEND
 CROWN-GRANTED MINERAL CLAIM
 REVERTED C.G. MINERAL CLAIM
 FORFEITED MINERAL CLAIM
 VERIFIED LEGAL CORNER POST
 LEGAL SURVEY
 LEGAL CORNER POST & TAG NUMBER 01234



Donald W. Kelly
 FIGURE 3
 CLAIM PLAN
 (AFTER B.C. M92-1-10E)
 SCALE AS SHOWN
 DECEMBER 19, 1980

DAVE and "A"
 CLAIM GROUP
 KP-1

CAP 1-3

the north boundary of the DAVE claim. Otherwise the claim area is covered with second growth fir, spruce and underbrush and is used as range-grazing land.

CLAIMS

The DAVE and "A" claims are situated in the Kamloops Mining Division in the Kamloops Land District in Township 19, Range 19 West. The DAVE claim covers a substantial amount of Section 23, the south portion of Section 26 and part of Broken Section 27A. The claims are recorded as follows:

<u>Claim Name</u>	<u>Record Number</u>	<u>Number of Units</u>	<u>Record Date</u>	<u>Recorded Holder</u>
DAVE	1155(3)	20	March 6, 1978	Dorado Resources Ltd.
"A"	1156(3)	4	March 6, 1978	Dorado Resources Ltd.

The claims are shown on British Columbia Ministry of Mines and Petroleum Resources mineral claim map M92-I-10E (Figure 3).

HISTORY AND PREVIOUS DEVELOPMENT

The claim area was previously staked in 1971 and occupied by the BILL, GAL, CROW and SKELLY claim groups. Most of these claims were held under option by Granite Mountain Mines Ltd. (NPL) and Exeter Mines Ltd. (NPL) until 1975. Later the KEV, MAUREEN and JIM claim groups covered this ground but were subsequently lapsed.

Previous development on this ground was performed for Granite Mountain Mines and Exeter Mines and recorded with the B.C. Ministry of Mines and Petroleum Resources as assessment work. A magnetometer survey was done by W. Meyer and Associates in early 1972 over most of the present claim area. The survey was done along flagged lines some 130 metres apart.

Anomalous magnetic patterns were found trending in a northwesterly direction more or less parallel to the trend of the Cherry Creek valley depression. In March and April of 1972, McPhar Geophysics Limited did an Induced Polarization survey over the northeast portion of the BILL and GAL claims. McPhar located several areas of response.

Several of the magnetic and induced potential anomalies in the northern portion of the DAVE claim were tested by percussion drill holes by Granite Mountain Mines in the summer of 1972. According to personal communication from Mr. W. Meyer, P. Eng., who was consultant to Granite Mountain on this drill test, some eight percussion drill holes were done totalling in the order of 2,500 feet of drilling on the anomalous areas and the assay results from this drill test were inconclusive. According to the record, this program of drill test work was not filed for assessment credit.

In the past, the Kamloops area has been known as a geological environment for numerous small deposits of copper and pyrite in and adjacent to the Iron Mask Batholith. This activity dates back prior to the turn of this century. Many of these deposits were operated in the past whenever metal prices were strong. The record shows small

tonnages of good grade copper with some gold content were produced from a few deposits in this area.

In late February and early March, 1979, a reconnaissance VLF electromagnetic survey was conducted over the DAVE and "A" claims. An apparent conductor zone was found as a result of this work.

Detailed Horizontal Loop and (VLF) Ronka Surveys were done in the period March 30 - April 1, 1979 inclusive.

Geotronics Surveys Ltd., Vancouver, British Columbia confirmed the existence of this apparent conductor zone using the Shootback Method on June 7, 1979.

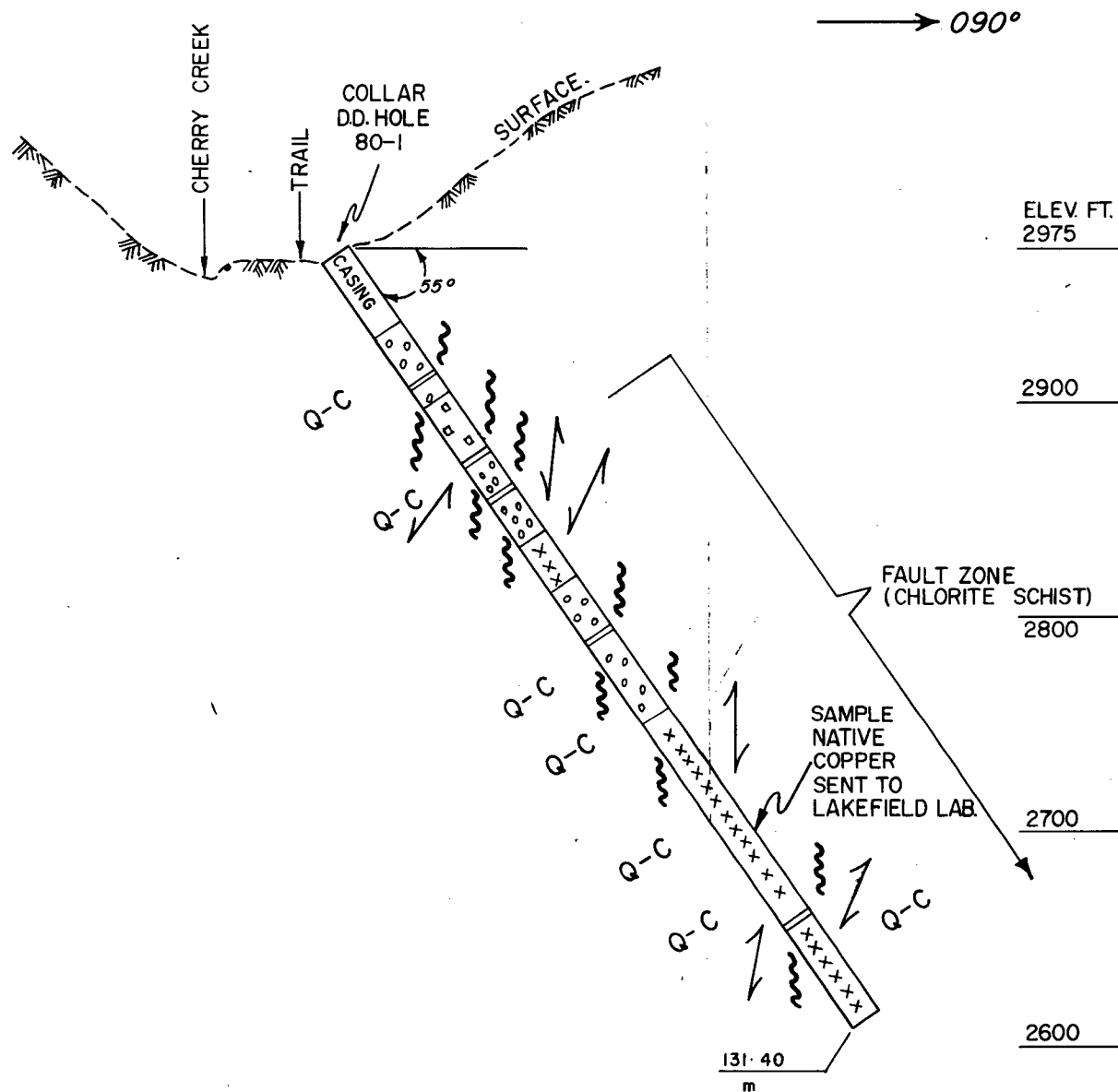
Two NQ size diamond drill core holes totalling 208 metres were drilled in the period June 25 through July 21, 1979.

An Elfast deep-penetrating Turam Ground Electromagnetic Survey was done over the east and north sectors of the property in April-May, 1980 by Androtex Ltd., Toronto. This survey was followed by a program of six diamond drill holes drilled in June through November, 1980, totalling 1,504.53 metres (4,935 feet) of drilling.

Total drilling done in the 1979-1980 programs was 1,712.53 metres (5,617 feet) in eight holes.

REFERENCES

Annual Reports of the Minister of Mines, British Columbia
 NTS Topographic Map 92-I/10E
 B.C. Ministry of Mines and Petroleum Resources mineral
 claim map 92-I/10E



LEGEND

SPLIT CORE SAMPLE Cu Au Ag
 ASSAY RESULT

- ~ ~ ~ SHEAR - FAULT ZONE
- ↔ CORE-ANGLE PLANAR ELEMENTS
- Q-C QUARTZ-CARBONATE VEIN ZONE

X X X
X X CHLORITE SCHIST

o o o
o o o ANDESITE

□ □ □ ANDESITE AUGITE POR. PHASE

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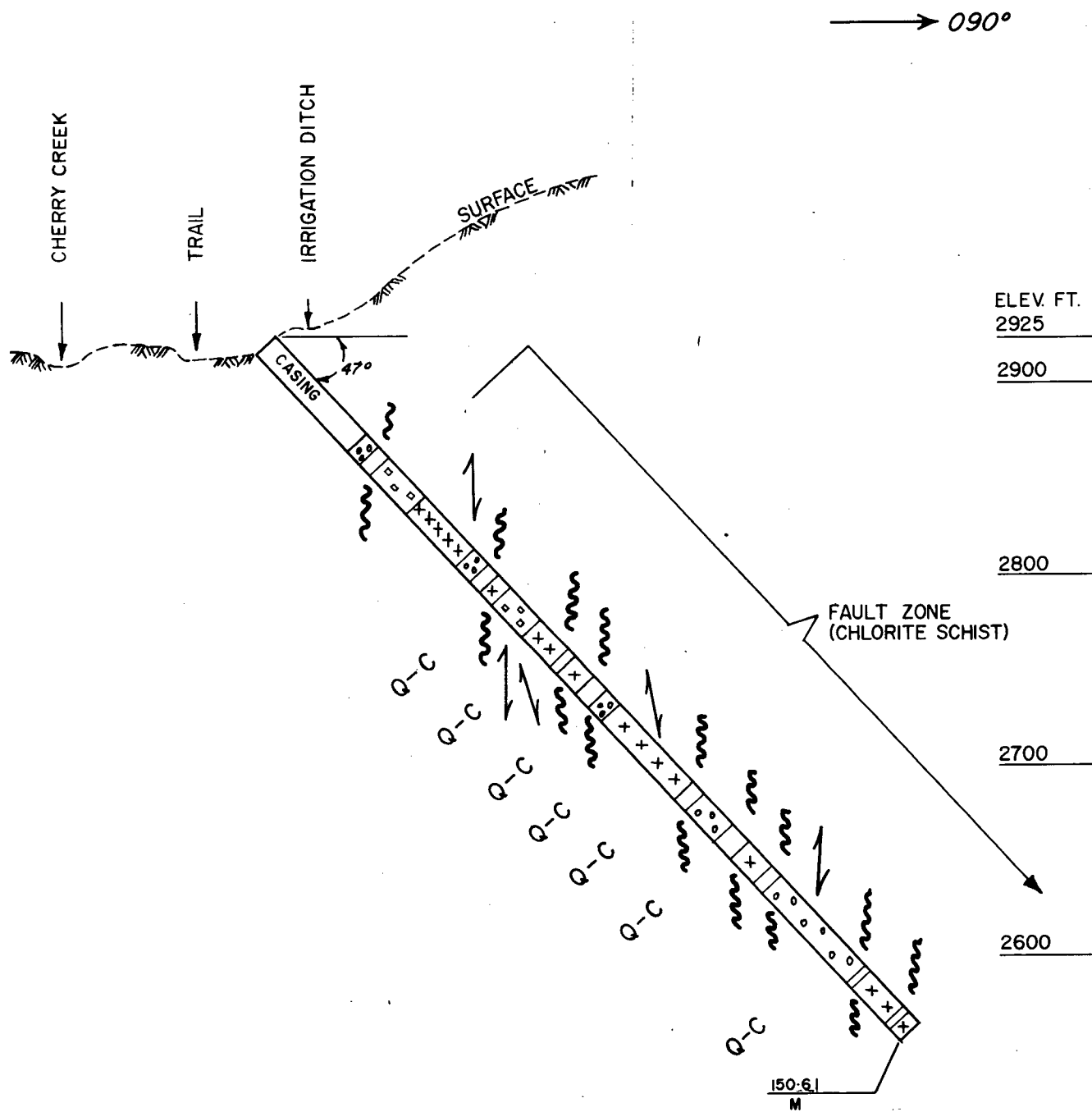
FIGURE 5

DORADO RESOURCES LTD.
DAVE & "A" CLAIM GP. KAMLOOPS M.D. KAMLOOPS, B.C.
D.D.H. 80-1 SECTION LOOKING NORTH
SCALE 1 = 10 metres
REVISED DECEMBER 19, 1980

- Geological Survey of Canada Memoir 249
 Geological Survey of Canada Map 886A
 Geological Survey of Canada Map 887A
 Geological Survey of Canada Aeromagnetic Map 5216G
- Report on a Magnetometer Survey of the BILL and GAL claims for Granite Mountain Mines Ltd. (NPL) and Exeter Mines Ltd. (NPL) by W. Meyer and Associates Ltd., dated May 25, 1972 - B.C. Assessment Report No. 3658
- Report on an Induced Polarization Survey over part of the BILL and GAL claims by McPhar Geophysics Limited dated April 17, 1972 - B.C. Assessment Report No. 3659.
- Personal communication with W. Meyer, P.Eng., on March 13, 1978
- The Afton Discovery - Chester Miller, Western Miner, February 1973
- The Afton Mines Project - Pamela Bottomley, Western Miner, January 1978
- Assessment Report on the Results of A Reconnaissance VLF Electromagnetic and Radiometric Survey on the DAVE 1155(3) and "A" 1156(3) Claims dated March 16, 1979 by Donald W. Tully, P.Eng.
- Assessment Report on The Results of a Detailed VLF Electromagnetic and Horizontal Loop Electromagnetic Survey on part of the DAVE 1155(3) and "A" 1156(3) claims, Afton-Cherry Creek Area, Kamloops Mining Division, Kamloops, B.C., dated April 17, 1979 by D.W.Tully, P.Eng.
- Assessment Report on The Results of a Diamond Drill Program on the DAVE Mineral Claim, Kamloops, British Columbia, dated October 15, 1979 by Donald W. Tully, P.Eng.
- Report on an Elfast Ground Electromagnetic Survey in the Cherry Creek Area by R.A. Bosschart, Ph.D., for Dorado Resources Ltd., dated June, 1980, at Toronto

GEOLOGICAL SETTING

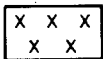
A preliminary examination of the geology over the DAVE and "A" claim area indicates this property is underlain by Nicola volcanics and the later Kamloops Group of



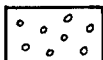
LEGEND

SPLIT CORE SAMPLE Cu Au Ag
 ASSAY RESULT

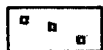
- ~ ~ ~ SHEAR - FAULT ZONE
- ↔ DIRECTION PLANAR ELEMENT
- Q-C QUARTZ - CARBONATE VEIN ZONE



CHLORITE SCHIST



ANDESITE



ANDESITE AUGITE POR. PHASE

Donald W. July

FIGURE 6

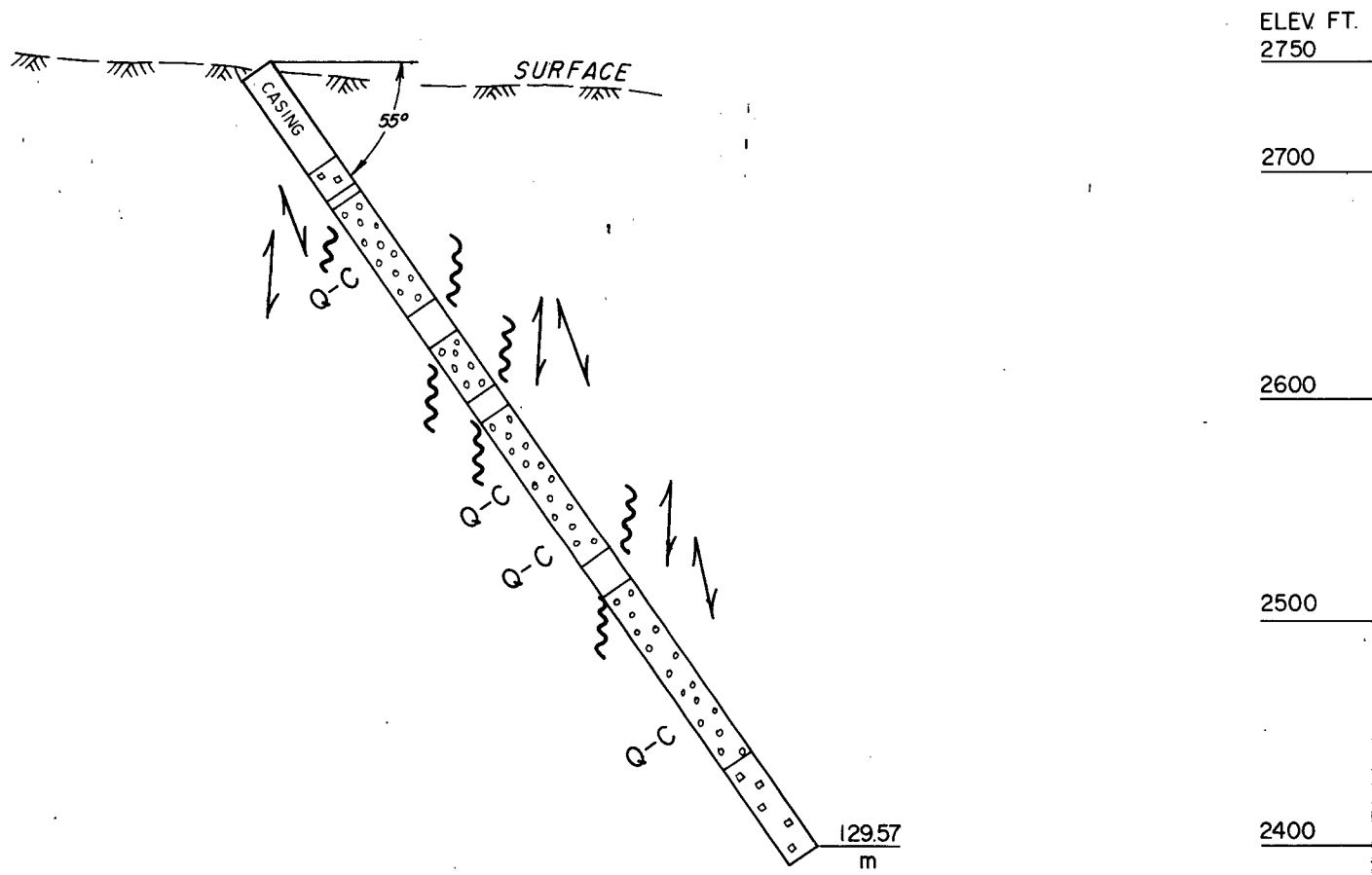
DORADO RESOURCES LTD.
DAVE & "A" CLAIM GP. KAMLOOPS M. D. KAMLOOPS, B.C.
D.D.H. 80-2 SECTION LOOKING NORTH
SCALE 1 = 10 metres
REVISED DECEMBER 19, 1980

similar-type volcanic rocks. Diorite-monzonite phases seen in the outcrops of volcanics may be intrusive and probably related to the late interaction of the phases of the nearby Sugarloaf and Cherry Creek intrusions of the Iron Mask Batholithic mass. A tentative table of geologic formations is as follows:

<u>Formation</u>	<u>Description/Event</u>	<u>Age</u>
Sand, gravel, alkali beds and unconsolidated sediments	(Erosional Unconformity)	Recent (Quaternary)
Kamloops - Volcanics	(Faulting, Folding, shearing and related tectonic activity)	Tertiary
Intrusives (?) - Diorite - Monzonite	(Faulting, Folding, shearing and related tectonic activity)	Jurassic and probably of much later time frame
Nicola - Volcanics		Triassic

Structurally, the surface features observed in the rock outcrops show a northwest trend with steep dips, frequently northeast. Shearing and schistose structures were noted especially along the east side of the valley depression occupied by Cherry Creek. The strong shear zone intersected in D.D. Hole No. 2 confirms the presence of a major fault structure in the diamond drill test area of the valley bottom of Cherry Creek.

→ 090°



LEGEND

SPLIT CORE SAMPLE Cu Au Ag
ASSAY RESULT

- ~ ~ ~ SHEAR - FAULT ZONE
- ↔ CORE-ANGLE PLANAR ELEMENTS
- Q-C QUARTZ-CARBONATE VEIN ZONE

- x x x
x x CHLORITE SCHIST
- o o o
o o ANDESITE
- □ □ ANDESITE AUGITE POR. PHASE

Donald W. Kelly

FIGURE 7

DORADO RESOURCES LTD.
DAVE & "A" CLAIM GP. KAMLOOPS M. D. KAMLOOPS, B.C.
D.D.H. 80-3 SECTION LOOKING NORTH
SCALE 1 = 10 metres
REVISED DECEMBER 19, 1980

RESULTS OF THE 1980 PROGRAM OF DIAMOND DRILLING

A total of 1,504.53 metres (4,935 feet) of NQ size core drilling was done in six diamond drill holes in the period June 25 through November 5, 1980.

Scattered flecks of native copper were noted in all the holes except 80-4. Assays up to 0.038% copper were obtained in split core samples as noted in the diamond drill logs of the holes and appended to this report. The drill results are summarized as follows:

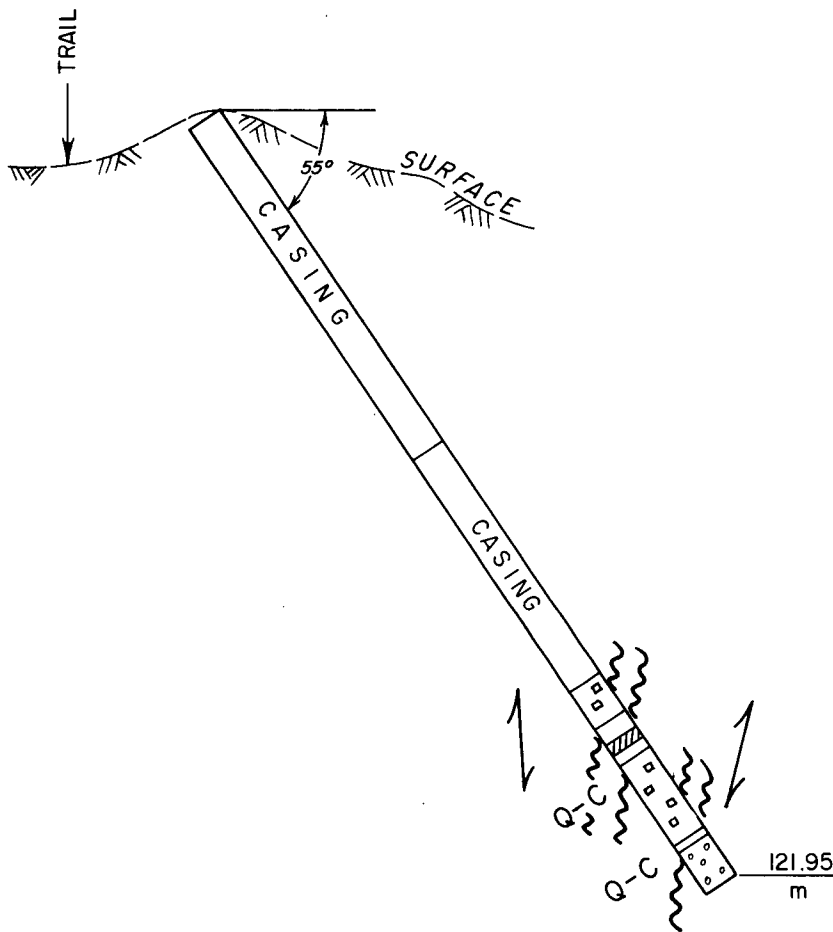
D.D.H. #80-1

D.D.H. #80-1 was drilled easterly across an anomalous zone indicated by an ELFAST deep-penetrating TURAM survey conducted over a portion of the property in May of this year. This hole is located about 100 metres north of the collar of a previous diamond drill hole 79-1 drilled in 1979.

The results of #80-1 showed this hole was collared in andesite and penetrated a wide zone of chlorite schist at about 34 metres in the hole. Numerous fault zones were encountered in the chlorite zone and the hole was bottomed in the schist at 131.40 metres (431 feet).

Flecks of native copper and a fine, dark, powdery mineral believed to be chalcocite were noted along shear planes in the core between 95.43 and 115.24 metres in this hole. The assay results of the split core samples showed the copper content varied between 0.004% and 0.029% across the copper-bearing shear zone. One sample specimen, taken between 101.52 - 103.35 metres in the hole, was sent to the

→ 090°



ELEV. FT.
3150

3100

3000

2900

2800

LEGEND

SPLIT CORE SAMPLE Cu Au Ag
ASSAY RESULT

- ~ ~ ~ SHEAR-FAULT ZONE
- / — CORE-ANGLE PLANAR ELEMENTS
- Q-C QUARTZ-CARBONATE VEIN ZONE

x x x x x	CHLORITE SCHIST
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o o o o o o	ANDESITE
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□ □ □	ANDESITE-AUGITE POR. PHASE
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Donald W. Kelly

FIGURE 8

DORADO RESOURCES LTD.

DAVE & "A" CLAIM GP.

KAMLOOPS M. D.

KAMLOOPS, B.C.

D.D.H. 80-4

SECTION LOOKING NORTH

SCALE 1 = 10 metres

REVISED DECEMBER 19, 1980

research laboratories at Lakefield, Ontario for mineralogical confirmation. The locus of the native copper may be related to changes in dip of the shearing of the chlorite schist zone. Drag-folding and crenulated structures were noted in the fore.

D.D.H. #80-2

This hole was drilled easterly at a point 200 metres north of DDH #80-1 and on strike of the anomalous zone indicated to trend north-south across the property. DDH #80-2 collared in andesite and entered the chlorite zone at 36.28 metres (119 feet). This hole bottomed in the schist at 150.61 metres (494 feet).

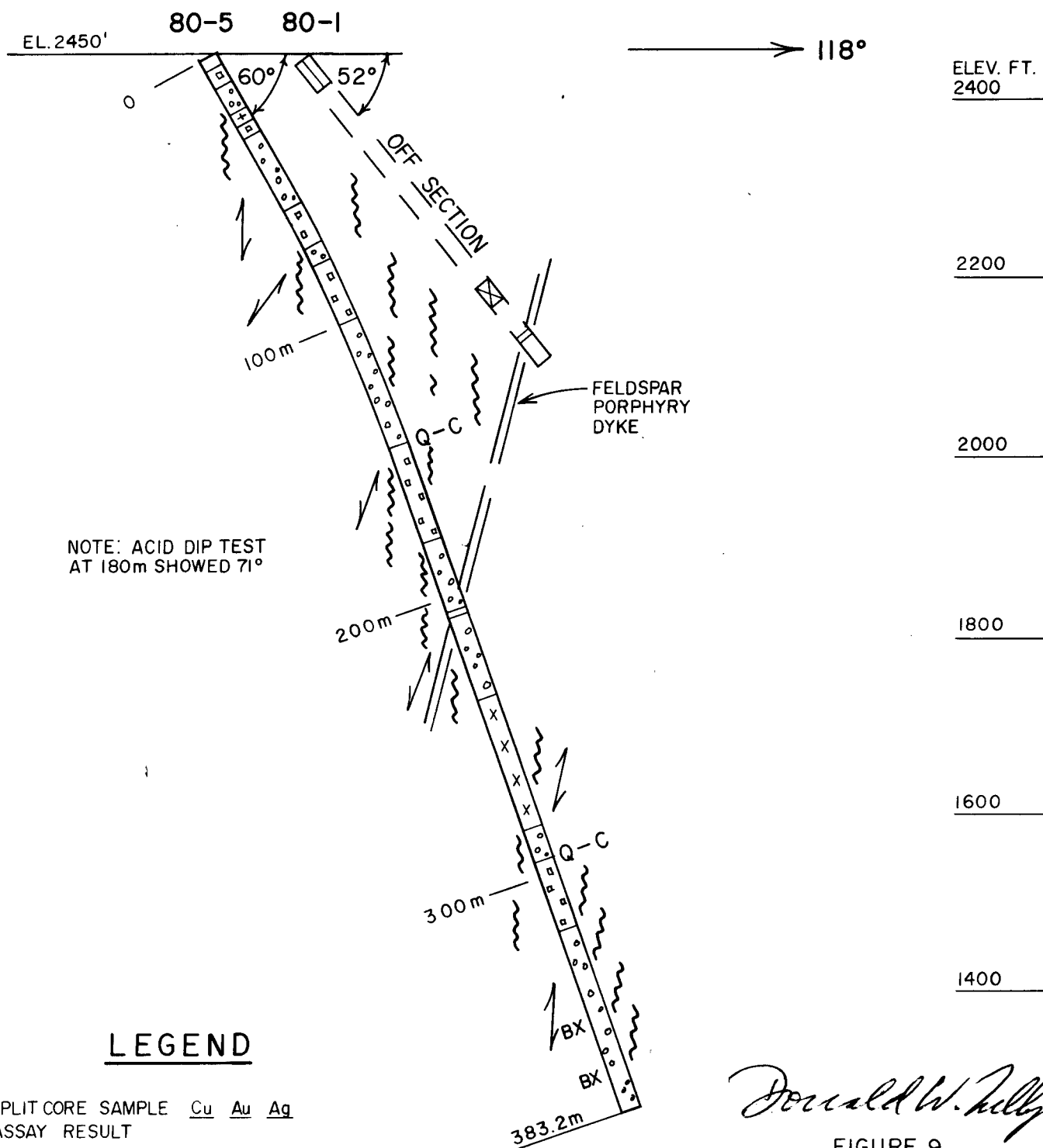
Flecks of native copper were noted along shear planes between 52.74 and 60.67 metres. Assay results for copper content of the split core from this section of the hole varied between 0.008% and 0.011%. Again it is believed the native copper is localized at changes in the dip of the shear planes in the zone of chlorite schist.

D.D.H. #80-3

This hole was drilled easterly at 1,000 metres north of #80-2 but did not intersect the wide zone of chlorite schist found in holes #80-1 and #80-2.

Fine flecks of native copper are sparsely disseminated in the chloritized sections of the andesite host rock. Andesite was intersected through the length of this hole which bottomed at 129.57 metres (425 feet).

Assay results of the copper content of the split core sent for analysis were between 0.005% and 0.30% in



NOTE: ACID DIP TEST
AT 180m SHOWED 71°

LEGEND

SPLIT CORE SAMPLE Cu Au Ag
ASSAY RESULT

- SHEAR-FAULT ZONE
- CORE-ANGLE PLANAR ELEMENT
- Q-C QUARTZ-CARBONATE VEIN ZONE

CHLORITE SCHIST

ANDESITE

ANDESITE AUGITE POR. PHASE

Donald W. Kelly

FIGURE 9

DORADO RESOURCES LTD.

DAVE & "A" CLAIM GP.

KAMLOOPS M.D.

KAMLOOPS B.C.

D.D.H. 80-5
SECTION LOOKING NORTH

SCALE 1cm = 20m

DECEMBER 19, 1980

the section of this hole from 25.00 - 34.15 metres.

D.D.H. #80-4

#80-4 was drilled easterly on an anomalous zone indicated by the ELFAST deep-penetrating TURAM survey at a point some 500 metres north and 640 metres west of #80-2.

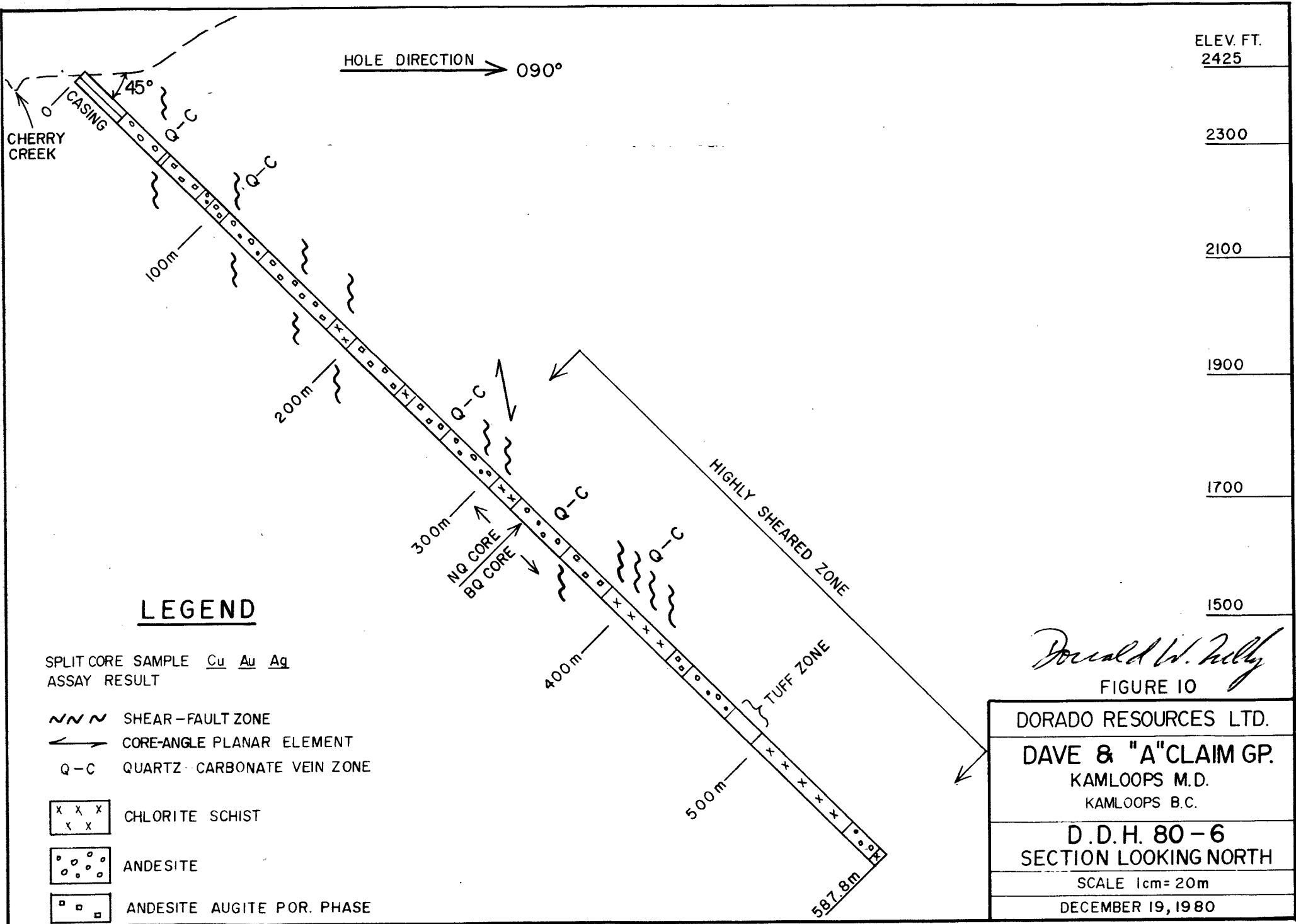
DDH #80-4 encountered overburden to a depth of 89.62 metres (294 feet) and collared in altered andesite carrying quartz-carbonate veining with sparse pyrite mineralization. This hole bottomed at 121.95 metres (400 feet).

D.D.H. #80-5

This hole was drilled near and beneath diamond drill hole #80-1 in a southeast direction. An acid dip test at 245 metres in the hole showed the dip of the hole at the collar of minus 65° had steepened up to minus 71° and was probably due to the hole following down the dip of the steep shearing.

DDH #80-5 frequently showed native copper in flecks on chloritized shear planes in the predominant host rock. Assay results of split cores showed generally a high degree of epidote alteration. Zones of medium-grained sections of the andesite had phenocrysts of augite and were labelled augite porphyry in the log. This rock phase is not an uncommon occurrence in the Nicola volcanics.

Zones of chlorite schist and accompanying mud-fault-mylonite structures were common in this hole which was bottomed at 383.2 metres (1,257 feet). Changes in the dip of the shear planes relative to the core-axis were common and suggest dragfold structures are present. Quartz-



ELEV. FT.
2425

2300

2100

1900

1700

1500

LEGEND

SPLIT CORE SAMPLE Cu Au Ag
ASSAY RESULT

- SHEAR-FAULT ZONE
- CORE-ANGLE PLANAR ELEMENT
- Q-C QUARTZ CARBONATE VEIN ZONE

CHLORITE SCHIST

ANDESITE

ANDESITE AUGITE POR. PHASE

Donald W. Kelly
FIGURE 10

DORADO RESOURCES LTD.
DAVE & "A" CLAIM GP. KAMLOOPS M.D. KAMLOOPS B.C.
D.D.H. 80-6 SECTION LOOKING NORTH
SCALE 1cm= 20m
DECEMBER 19, 1980

carbonate veining occurred frequently in the hole. Values in copper up to 0.035% were found.

D.D.H. #80-6

This hole was collared midway between holes #80-2 and #80-5 and drilled in a due east direction at a dip of minus 45°.

The main zone of chlorite schist and faulting appeared at 114.6 metres in the hole after intersecting a zone of chloritized andesite and phases of augite porphyry. This main zone of chlorite schist continued to the bottom of the hole. Sections of andesite and tuff were noted within the chlorite.

RECOMMENDATIONS

It is proposed to search for new target areas in the eastern sector of the property where the geophysical surveys and diamond drilling have shown the presence of wide zones of shearing in the Nicola volcanics trending north-south along the east side of Cherry Creek and striking towards the Afton Mine property. It is conceivable that these wide shear zones of chlorite schist may at some point on this structure carry a zone of copper enrichment.

A gravity survey is proposed over the east sector of the property to test the area for zones of greater density.

Respectfully submitted,

Donald W. Tully

Donald W. Tully, P. Eng.

December 19, 1980

CERTIFICATE

I, DONALD WILLIAM TULLY, of the City of West Vancouver, Province of British Columbia, hereby certify as follows:

- 1) I am a Consulting Geologist with an office at Suite 102, 2222 Bellevue Avenue, West Vancouver, B.C.
- 2) I am a registered Professional Engineer of the Provinces of British Columbia and Ontario.
- 3) I graduated with a degree of Bachelor of Science, Honours Geology, from McGill University in 1943.
- 4) I have practiced my profession for thirty-five years.
- 5) I have no direct, indirect or contingent interest in the shares of Dorado Resources Ltd. nor the DAVE and "A" mineral claims, subject of this report, nor do I intend to have any interest.
- 6) This report dated December 19, 1980, is based on personal field examinations I made in Oct.-Nov. 1980 and from information gathered from available maps and reports.
- 7) Written permission from the author is required to publish this report dated December 19, 1980 in any Prospectus or Statement of Material Facts.

DATED at West Vancouver, Province of British Columbia, this 19th day of December, 1980.



DONALD W. TULLY, P. ENG.,
Consulting Geologist

Report submitted to Dorado Resources Limited
Vancouver, B.C.

REPORT ON AN ELFAST GROUND ELECTROMAGNETIC SURVEY
IN THE CHERRY CREEK AREA, KAMLOOPS MINING DIVISION, B.C.

Robbert A. Bosschart

Toronto, June 1980

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6. DISCUSSION OF THE RESULTS
7. CONCLUSIONS AND RECOMMENDATIONS

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Appendix A

Plates 1 - 7

REPORT ON AN ELFAST GROUND ELECTROMAGNETIC SURVEY IN
THE CHERRY CREEK AREA, KAMLOOPS MINING DIVISION, B.C.

1. INTRODUCTION

Between April 24 and May 19, 1980, an electromagnetic survey was carried out on behalf of Dorado Resources Limited of Vancouver, by Androtex Limited of Toronto. The present report covers the writers examination of the results of the geophysical survey.

2. LOCATION

The area of investigation is located astride Cherry Creek about 1 km south of the Afton mine property and approximately 15 km west of Kamloops, British Columbia. The electromagnetic grid measures approximately 2 x 2 km. Traverse lines were located at nominal 100 m centres. Station interval was 50 m.

The topography of the area is rough, particularly in the S.W. portion, where special corrections had to be made to the electromagnetic results to account for the severe elevation changes. The terrain also had considerable effect

on the quality of the measuring grid. Lines were irregular and chaining uneven.

3. PREVIOUS WORK

Previous work on this claim group includes a reconnaissance magnetic survey, a reconnaissance VLF electromagnetic survey, a detailed Horizontal Loop survey and a detailed Tilt Angle Shoot-Back survey over a smaller area. Two holes were drilled to examine the results. This work is described in a report by Don Tully Engineering Limited of Vancouver, dated December 18, 1979.

4. GEOLOGY AND MINERALIZATION

No details concerning the geology and mineralization in the survey area were accessible at the time of writing this report.

5. SURVEY METHOD

The electromagnetic method used for the present survey, the Elfast method, is a wide spectrum version of the Turam method. The latter is well known and described in detail in the literature (see references). The Elfast method is described in Appendix A.

To determine the most suitable frequency for the electromagnetic survey a number of lines were measured at 75, 225 and 675 Hz. It was found that the frequency of 225 Hz provided the best suppression of overburden response while retaining acceptable signal levels and it was used for the bulk of the survey.

Coil separation and station interval were kept at 50 m.

All profiles represent continuous measurements from one loop position, i.e. there are no energization breaks in the lines, which is of importance when deep targets are investigated.

At all stations the field itself was measured as well as the gradients, which is an additional verification of the data and moreover permits the calculation of the response for any coil separation in excess of 50 m.

6. DISCUSSION OF THE RESULTS

The results of the Elfast reconnaissance measurements are shown on Plates 1 - 4. On Plates 5 and 6 the results of measurements with different frequencies and different energization direction are displayed. Plate 7 shows a compilation of the EM data as well as their quantitative

interpretation in terms of the depth of the current axis and conductance of the electromagnetic response.

As Plates 5 and 6 show, the frequency of 225 Hz yielded by far the best signal noise ratio. At higher frequencies the response from the medium or the cover significantly distorts or masks the response from potential target conductors; at the lower frequency the latter becomes too weak.

The compiled data (Plate 7) show a series of approximately north-south trending conductive zones of predominantly medium-low conductances. The strike length of some of these conductors is considerable and they suggest the presence of either formational conductors or a swarm of quasi-parallel fractures carrying conductive gouge material. The most distinct feature is a conductive zone extending from north to south across the area roughly along 3+00W and comprising two bands about 100 m apart. Between 16 and 17S this zone was approximately located in previous surveys and drilled, although the two holes apparently did not quite intersect it. In this zone conductances vary between 6 and 10 mhos., a medium range which could include weathered

clays, and gouge material, as well as sulphide mineralization. In most other conductive zones the conductances seem lower, with some exceptions.

7. CONCLUSIONS AND RECOMMENDATIONS

Lacking ancillary geological or geochemical information the anomalies displaying the highest conductances represent the best subjects for the examination of these conductors by diamond drilling. The following drill holes are therefore recommended:

	<u>Collar Location</u>	<u>Dip</u>	<u>Length</u>
DDH (a)	Line 17S, 6+15W	55° due E	120 m
DDH (b)	Line 15S, 5+15W	45° due E	140 m
DDH (c)	Line 5S, 6+50W	55° due E	140 m
DDH (d)	Line 10S, 11+70W	55° due E	120 m

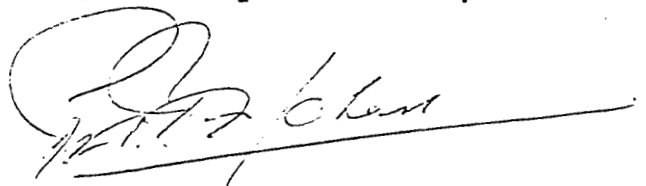
As shown on Plate 6, lines 17 and 18S were also measured with the energizing source (loop 2) on the west side. The results are very similar to those obtained by energizing from the E side, which indicates that the conductors are dipping very steeply. The slightly smaller amplitudes suggest even a slight dip to the West. The drill holes have therefore been inclined eastward, which for at least these

holes would also appear to have a topographic advantage.

The criteria used at present may, however, appear less significant in the light of other evidence and the locations should then be reviewed accordingly. Other drill holes should intersect the point straight below the electromagnetic anomaly at the indicated depth.

It was mentioned earlier that the line location and the chaining were somewhat uncertain. As a result the location of the anomalies relative to the topography in Plate 7 is questionable. Drilling positions should therefore be directly referred to the electromagnetic grid lines and pickets.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. A. Bosschart', written over a horizontal line.

Robert A. Bosschart, Ph.D., P.Eng.
Consulting Geophysicist

REFERENCES

Bosschart, R. A. Analytical Interpretation of Fixed Source
Electromagnetic Prospecting Data, Waltman, Delft, 1964.

ELFAST

EXTRA LOW FREQUENCY AUTOMATIC SCANNING TURAM

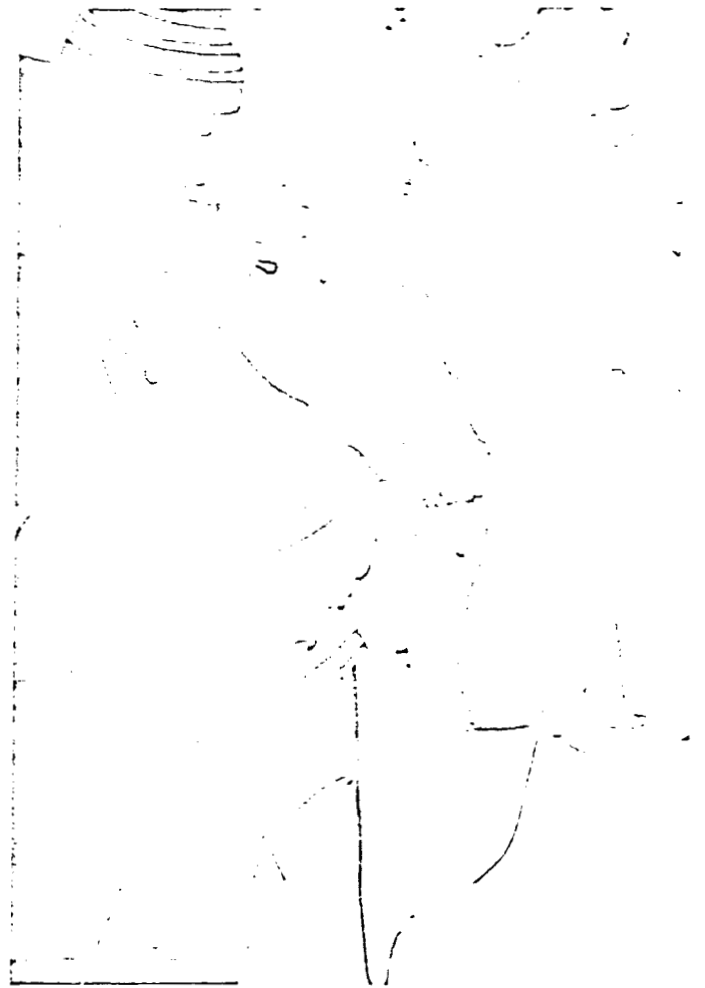
Elfast is a fixed source electromagnetic method based on the Turam principle. Using a large surface transmitting loop and two receive coils the gradients of amplitude and phase as well as the absolute strength of the electromagnetic field in each receive coil are measured.

Besides having the advantages of the standard Turam systems, such as high resolution, large exploration depth and immunity from topographic effects, Elfast delivers true wide band information, using five frequencies which cover two decades of response. Crystal controlled frequencies and automatic compensation (no manual nulling) further maximize the signal to noise ratio and thus the exploration depth.

Data can be used to make quantitative interpretations of the location, conductance, depth and dip of the conductors.

A continuous square wave field is transmitted and measurements can be made of the fundamental frequency, third harmonics and multiples. Even under ideal conditions, however, the signal strength of the higher harmonics drops off very steeply, rendering their use in actual exploration impractical. To maintain true multifrequency capability under all field conditions, Elfast incorporates an automatic scanning system. The fundamental frequencies are cycled in a pattern with which the receiver can be synchronised. The pattern can be programmed according to the requirements of the survey. This system moreover eliminates the need for radio, voice or other tenuous links of communication with the transmitter.

Powerful transmitter and sensitive receiver will give coverage of a large surveying area using single transmitting loop. The receiver's short setting time, with all measurements done automatically, makes the instrument fast and easy to operate in the field.



FIELD OPERATION

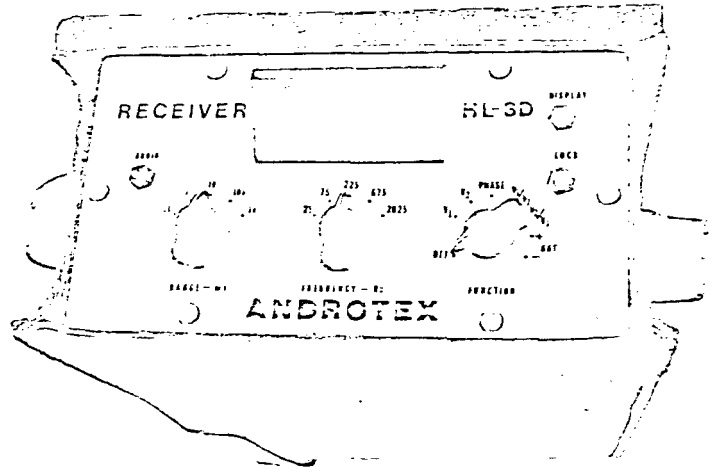
The Elfast RTX/HL-3D system includes two battery sets for receiver with battery charger and two portable reels with 5000 m of No. 18 gauge single, heavy insulated copper wire for transmitting loops.

EM RECEIVER HL-3D

The receiver incorporates a phase lock system as well as additional filters to reject signals from power lines and eliminate any noise sources except signals at precisely the set frequencies. It can be used even at the lowest frequency in high noise environments at low signal levels. All parameters, i.e., the field amplitudes at each coil, the phase difference between both components, their amplitude, ratio or reverse ratio are measured fully automatically. Values are displayed on a large .56" high 3-1/2 digit display. The receiver ferrite coils are mounted inside the consoles.

The high temperature stability of the HL-3D receiver eliminates the need for zero (offset) adjustments during the survey. Any length of cable up to 150 m between receiver and signal coil -V₂ can be used without any correction of measured reading.

An audio communication between receiver operators is provided for easy multifrequency operation.



FEATURES

- Phase-lock System
- Extremely high sensitivity and selectivity
- Easy operation in high environmental noise and low signal levels at the full range of operating frequencies
- Temperature stability over wide operating range
- High resolution and accuracy
- Fully automatic compensation and display
- Ferrite coils mounted inside consoles
- Length of interconnecting cable does not affect readings
- Audio communication between operators
- Low power consumption

SPECIFICATIONS

Operating Frequencies	25,75,225,675,2025 Hz
Operating Signal Amplitude	20 μ V to 2V
Amplitude Accuracy	\pm .1%
Amplitude Ratio Range	.5 to 2.0
Ratio Accuracy	\pm .5%
Phase Range	-30° to +30°
Phase Accuracy	\pm .25%
Setting Time	3 sec.
Automatic Readout	.56" high 3-1/2 digit LED
Operating Temperature Range	-40° C to +60° C
Supply	2 rechargeable batteries 12V/1.5 Ah
Dimensions	125 x 225 x 375 mm
Weight	4.6 kg
Digital Output	optional
Coil Console	
- diameter	114 mm
- length	520 mm

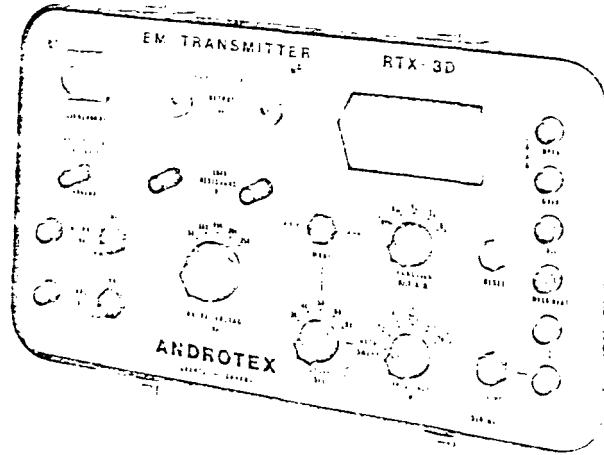
EM TRANSMITTER RTX-3D

The transmitter delivers up to 500 VA of power which allows surveys using large loops i.e. 5x5 km. A floating output, a front panel isolated from high voltages and built-in protection circuits, make the RTX-3D transmitter safe and reliable.

Voltage and frequency of the generator output can be measured at the transmitter. This feature allows measurement and adjustment of the motor's speed in the field without any additional equipment. The resistance of the loop can be measured using the built-in ohm meter, to set the transmitted output current at its optimum value. Using auto sweep mode, multifrequency operation does not require an operator at the transmitter.

All parameters, including output voltage and output current are shown on a .56" high 3-1/2 digit display.

RTX-3D transmitter can also be used for grounded cable surveys.



FEATURES

- Selectable output frequencies, manual or automatic
- Programmable frequency cycling pattern
- Adjustable cycle time
- High output power
- Stabilized output voltage
- Fully protected for maximum safety and reliability
- Floating output terminals
- Digital readout — frequency and voltage of power generator, output voltage and current, loop resistance (load)
- Crystal controlled output frequencies for high stability
- Dual emergency stop

SPECIFICATIONS

Output Power - max.	500 VA
Output voltage	50–280 V
Output Current - max.	5 A
Output Waveform	Square Wave
Frequencies	25,75,225,675,2025 Hz
Frequency stability in full temperature range	±.005% (+ 25°C ref)
Cycle Time	30,40,50,60,90 sec.
Operating Temperature Range	–40°C to +70°C
Display — LED 3-1/2 digits	.56" high
Overload Protection	550 VA max.
Underload Protection	.3A
Thermal Protection	+70°C ± 5°C
Input Voltage Limits	100V min. 120V Max.
Dimensions	360 x 220 x 220 mm
Weight	7.5 kg

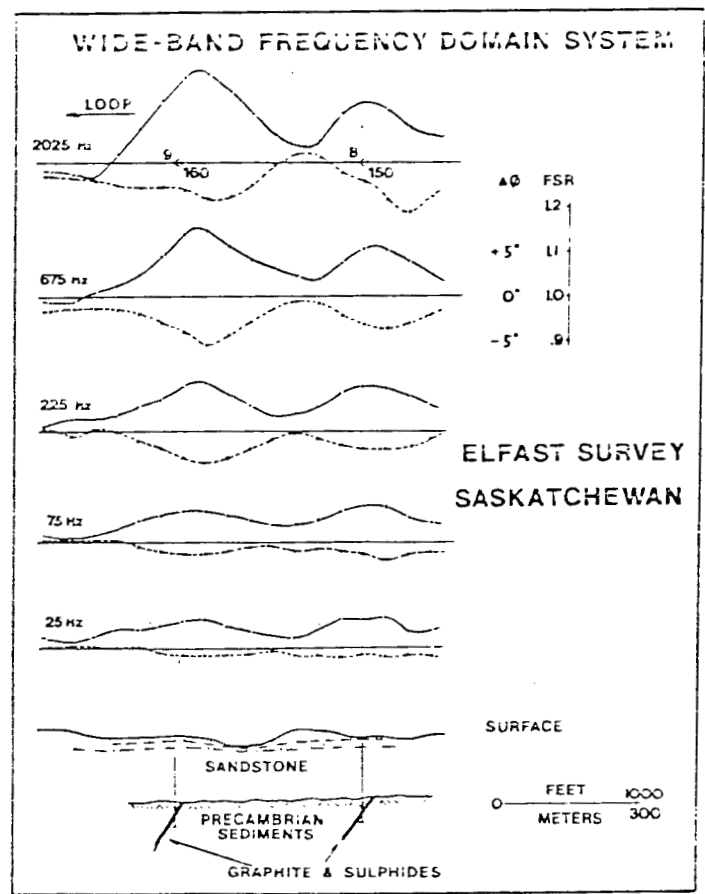
GENERATOR 550

The motor generator is mounted on a steel frame with a carrying support for comfortable transportation in the field by one person. A high quality self excited aircraft generator provides stabilized 110V and can deliver 550 VA of output power.

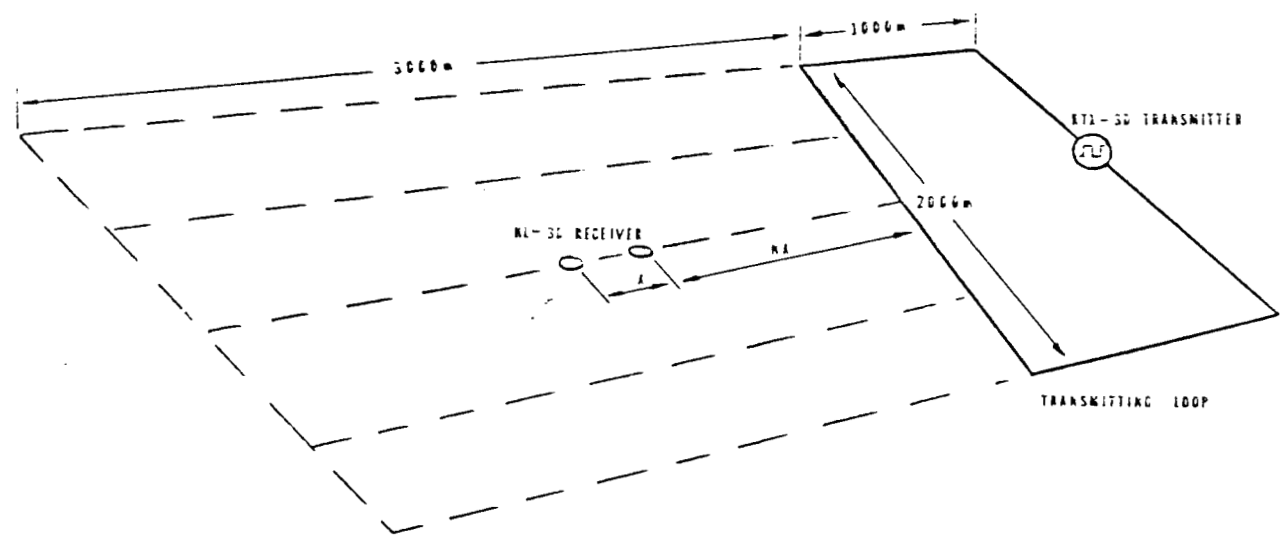
A large gas tank for a full day's operation can be provided.

SPECIFICATIONS

Motor	Briggs and Stratton 4 Stroke 3 HP SAE
Alternator Voltage	110V stabilized within $\pm 1\%$
Frequency	400 Hz nominal
Phase	Single
Dimensions	585 x 315 x 380 mm
Weight	29.5 kg



TURAM METHOD - LAYOUT



TYPICAL SURVEY AREA USING ELFAST

HOLE No. 80-1
 CLAIM DAVE
 Loc'n L 17 S - 6+15W
 PROPERTY Kamloops

COMPANY DORADO RESOURCES LTD.
DIAMOND DRILL CORE LOG - SAMPLE RECORD
 CORE STORED AT COLLAR OF HOLE

HOLE DEPTH 131.40 m
 CORE SIZE 47 mm
 HOLE DIRECTION Az. 090°
 DIP 55 °
 collar ELEV. 2975' PAGE No. 1 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS					
FROM	TO				From	To	Length	AU	AG	ZN
0	12.20	Casing								
	13.90	Andesite, f.g., Blocky, rust on fracture faces								
	18.90	Quartz-carbonate vein zone with inclusions of chlorite, fractures @ 50° c/a								
	19.21	Andesite, f.g., + 10% quartz-carb. veinlets								
	21.34	Andesite, f.g., + scattered quartz-carb. veinlets		721			-	-	-	0.01%
	21.94	Fault zone @ 45° c/a								
	25.30	Andesite, f.g. to m.g. (diorite ?)								
	28.05	Andesite, m.g. zones of epidote, alteration and fracturing @ 45° - 60° c/a								
	29.27	Andesite, m.g. with 25% glassy quartz + quartz-carbonate veining								
	34.15	Andesite as above, massive								
	35.21	Fault zone (chlorite schist and andesite) Shearing @ 30° - 70° c/a								
	38.41	Andesite, sheared 40° - 55°, c/a with chlorite								
	40.85	Fault zone, chlorite schist and talc with 20% quartz carbonate veining								
	42.68	Lost core (tricone ream to 42.68 to complete casing)								

LEGEND

C/A - CORE AXIS
 Bx - BRECCIATED
 NA - NOT ASSAYED
 Diss. - DISSEMINATED

g. - fine-grained
 m.g. - med. grained

py - PYRITE
 Mg - MAGNETITE
 Pb - GALENA
 Zn - SPHALERITE
 Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P. Eng.
 CORE Split by: R. Vannier
 HOLE STARTED: June 25, 1980
 HOLE FINISHED: June 29, 1980

HOLE No. 80-1

COMPANY DORADO RESOURCES LTD.

HOLE DEPTH 131.40 m
CORE SIZE 47 mm
HOLE DIRECTION Az. 090°
DIP 55°

CLAIM DAVE

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Loc'n L 17 S - 6+15W

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2975'

PAGE No. 2 of 4

PROPERTY Kamloops

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU	AG	EN	CU %
42.68	48.17	Andesite, m.g. + epidote alteration at 44.21 and 46.65	with fault zones								
	57.01	Chlorite schist shear zone, some fine scattered quartz-ankerite veining	talca and								
	65.24	Andesite, highly chloritized with zones fragments, epidote alteration and ankerite veinlets	of flow breccia scattered quartz-								
	67.07	Fault zone in chloritized and sheared andesite									
	68.60	Andesite flow breccia, chloritized carbonate veinlets	15% quartz-								
	68.90	Fault bx									
	79.57	Andesite, highly chloritized and fractured fine quartz-carbonate veinlets	with 5-10%								
	95.48	Fault bx (mylonite), abundant chlorite c/a + 30% quartz-carbonate veinlets	schist @ 30-45°								
95.43	96.95	Chlorite schist + 10% quartz-carbonate sparse fine flecks native copper on shear planes	veinlets and	722			-	-	-	0.009	
96.95	98.78	As above sample + 20% quartz carb. veinlets		723			-	-	-	0.010	
98.78	100.30	As above sample + 30% quartz carb. veinlets		724			-	-	-	0.011	

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

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Diss. - DISSEMINATED

g. - fine-grained

m.g. - med. grained

py - PYRITE

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Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.

CORE Split by: R. Vannier

HOLE STARTED: June 25, 1980

HOLE FINISHED: June 29, 1980

HOLE No. 80-1

COMPANY DORADO RESOURCES LTD.

HOLE DEPTH 131.40 m

CLAIM DAVE

CORE SIZE 47 m

LOC'n L175 - 6+15W

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DIRECTION Az. 090°

PROPERTY Kamloops

CORE STORED AT COLLAR OF HOLE

DIP 55°

collar ELEV. 2975'

PAGE No. 3 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU	AG	EN	CU %
100.30	101.52	Chlorite schist + 30% quartz-carb. veining + shearing @ 30° c/a		725							0.009
101.52	103.35	As above + fine native copper on shear planes, specimens between taken for testing June 30, 1980		726							0.029
103.35	104.88	As above + 50% quartz-carb. veining + shearing @ 45° c/a + sparse flecks native copper		727							0.015
104.88	105.49	Fault zone with calcite + quartz veining & sparse fine flecks native copper on shear planes		728							0.022
105.49	106.71	Chlorite schist + 30% quartz-carb. veining @ 45° c/a + fine flecks native copper		729							0.011
106.71	108.54	As above with 10% Quartz-carb. veining		730							0.005
108.54	110.06	As above with 20% Quartz-carb. veining		731							0.019
110.06	111.59	As above with 10% Quartz-carb. veining		732							0.016
111.59	112.80	As above with mylonite + 20% Quartz-carbonate veining		733							0.019
112.80	114.02	As above with 30% Quartz-carb. veining @ 20° c/a		734							0.011
114.02	115.24	As above with fault zones @ 30° c/a		735							0.016
115.24	116.77	Fault breccia (mylonite) + 10% qtz-carb. veining		736							0.007
116.77	117.99	Fault breccia (mylonite) in chlorite with 30% quartz- carbonate veins @ 50° c/a		737							0.005

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

N/A - NOT ASSAYED

Dis. - DISSEMINATED

.g. - fine-grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P. Eng.

CORE Split by: R. Vannier

HOLE STARTED: June 25, 1980

HOLE FINISHED: June 29, 1980

HOLE No. 80-2
 CLAIM DAVE
 Loc'n L155 - 5+30W
 PROPERTY

COMPANY DORADO RESOURCES LTD.
DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 150.61
 CORE SIZE Dia. 47 mm
 HOLE DIRECTION 090°
 DIP 45°

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2925' PAGE No. 1 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU	AG	ZN	CU %
0	21.34	Casing									
	24.09	Andesite, f.g. to m.g., massive with Bx zones									
	27.18	Fault zone @ 50° c/a, many rust fractures									
	36.25	Andesite, massive, f.g. with epidote alteration areas									
	47.56	Chlorite schist and accompanying shear zones @ 40° c/a									
	50.00	Andesite, massive, f.g. to m.g.									
	52.74	Fault zone in chlorite schist									
52.74	53.05	Chlorite schist + sparse, fine flecks native copper on shear planes @ 35° c/a		744				-	-	-	0.008
53.05	53.96	As above section +20% quartz-carb. veining in fault zone		745				-	-	-	0.011
53.96	55.18	As above + 30% quartz-carb. veining @ 50° c/a		746				-	-	-	0.008
55.18	57.93	Andesite, f.g. + rusty fractures + 10% quartz-carbonate veining + epidote alteration		747				-	-	-	0.010
57.93	59.15	As above with sparse fine flecks native copper		748				-	-	-	0.011
59.15	60.67	As above with sparse fine flecks native copper		749				-	-	-	0.009
60.67	62.20	As above, 50% quartz-carb. veining @ 40° c/a		750				-	-	-	0.007
62.20	64.02	Chlorite schist + quartz-carb. veining @ 45° c/a		751				-	-	-	0.007
64.02	65.55	Chlorite schist and fault breccia		752				-	-	-	0.007
65.55	66.77	Chlorite schist + quartz-carbonate veining		753				-	-	-	0.006

LEGEND

C/A - CORE AXIS
 Bx - BRECCIATED
 NA - NOT ASSAYED
 Dis. - DISSEMINATED

g. - fine-grained
 m.g. - med. grained

py - PYRITE
 Mg - MAGNETITE
 Pb - GALENA
 Zn - SPHALERITE
 Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.
 CORE Split by: R. Vannier
 HOLE STARTED: June 30, 1980
 HOLE FINISHED: July 6, 1980

HOLE No. 80-2
 CLAIM DAVE
 Loc'n L155 - 5+30W
 PROPERTY

COMPANY DORADO RESOURCES LTD.
DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 150.61
 CORE SIZE Dia. 47 mm
 HOLE DIRECTION 090°
 DIP 45°

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2925' PAGE No. 2 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU	AG	EN	Cu %
66.77	68.29	Chlorite schist + 20% quartz-carbonate veining		754				-	-	-	0.006
68.29	69.82	Fault zone in chlorite schist // to c/a		755				-	-	-	0.009
69.82	71.04	Chlorite schist + 20% quartz-carbonate veining		756				-	-	-	0.008
71.04	72.56	Chlorite schist + 30% quartz-carbonate veining		757				-	-	-	0.007
72.56	73.48	Chlorite schist + 40% quartz-carbonate veining		758				-	-	-	0.008
73.48	75.00	Chlorite schist + 20% quartz-carbonate veining @ 60° c/a		759				-	-	-	0.009
75.00	76.83	Fault breccia and gouge in chlorite schist		760				-	-	-	0.009
76.83	78.05	Fault breccia and chlorite schist		761				-	-	-	0.009
78.05	78.96	Chlorite schist + quartz-carbonate veining @ 45° c/a		762				-	-	-	0.009
78.96	80.49	Chlorite schist + 10% quartz-carb. veins @ 60° c/a		763				-	-	-	0.006
80.49	81.71	Chlorite schist + 20% quartz-carb. veins		764				-	-	-	0.002
81.71	82.93	Andesite and bands of chlorite schist @ 45° c/a		765				-	-	-	0.007
82.93	84.45	As above with numerous rusty fractures		766				-	-	-	0.006
84.45	85.98	Chlorite schist + 20% quartz-carbonate veining @ 40° c/a		767				-	-	-	0.007
85.98	87.50	As above + 25% quartz-carbonate veining		768				-	-	-	0.006
87.50	89.02	As above + 40% quartz-carbonate veining		769				-	-	-	0.006
89.02	90.24	As above + 50% quartz-carbonate veining + rust fracture		770				-	-	-	0.007
90.24	91.45	As above + 10% quartz-carbonate veining + rust fracture		771				-	-	-	0.008

LEGEND

C/A - CORE AXIS
 Bx - BRECCIATED
 NA - NOT ASSAYED
 Dis - DISSEMINATED
 f.g. - fine-grained
 m.g. - med. grained

py - PYRITE
 Mg - MAGNETITE
 Pb - GALENA
 Zn - SPHALERITE
 Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.
 CORE Split by: R. Vannier
 HOLE STARTED: June 30, 1980
 HOLE FINISHED: July 6, 1980

HOLE No. 80-2

CLAIM DAVE

Loc'n L155 - 5+30W
PROPERTY

COMPANY _____ DORADO RESOURCES LTD.
DIAMOND DRILL CORE LOG - SAMPLE RECORD

CORE STORED AT COLLAR OF HOLE

HOLE DEPTH 150.61
 CORE SIZE Dia. 47 mm
 HOLE DIRECTION 090°
 DIP 45°

collar ELEV. 2925' PAGE No. 3 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS														
FROM	TO				From	To	Length	AU	AG	ZN	CU %								
91.46	92.99	Chlorite schist + 10% quartz carbonate veining @ 45° c/a + rusty fractures		772															
92.99	94.21	As above with 25% quartz-carbonate veining		773															
94.21	95.43	As above		774															
95.43	96.34	As above with 10% quartz-carbonate veining @ 30° c/a		775															
96.34	97.87	As above with 10% quartz-carbonate veining		801															
97.87	99.36	Fault breccia in chlorite schist		802															
99.36	100.91	Fault breccia + massive andesite + chlorite schist		803															
100.91	102.13	Andesite, f.g. with zones chlorite schist		804															
102.13	103.66	As above section + quartz-carbonate veining		805															
103.66	104.88	As above section		806															
104.88	106.40	As above section		807															
106.40	107.93	As above section		808															
107.93	109.45	Fault breccia and chlorite schist @ 45° c/a		809															
109.45	110.67	Fault breccia and chlorite schist @ 45° c/a		810															
110.67	112.20	Chlorite schist + 20% quartz-carbonate veining		811															
112.20	113.11	Chlorite schist sheared @ 45° c/a		812															
113.11	114.33	Chlorite schist as above section		813															

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

NA - NOT ASSAYED

Dis - DISSEMINATED

f.g. - fine-grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.

CORE Split by: R. Vannier

HOLE STARTED: June 30, 1980

HOLE FINISHED: July 6, 1980

HOLE No. 80-2

CLAIM DAVE

Loc'n L155 - 5+30W

PROPERTY

COMPANY _____ DORADO RESOURCES LTD. _____

DIAMOND DRILL CORE LOG - SAMPLE RECORD

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2925' PAGE No. 4 of 4

HOLE DEPTH 150.61
 CORE SIZE Dia. 47 mm
 HOLE DIRECTION 090°
 DIP 45°

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU	AG	EN	CU %
114.33	115.85	Chlorite schist and fault gouge		814				-	-	-	0.009
115.85	117.30	Fault breccia in chlorite schist with 20% quartz-carb. veining		815				-	-	-	0.006
	135.67	Chlorite schist with fault gouge @ 121. thru 133									
	138.72	Andesite, f.g. + scattered quartz-carbonate veining									
	139.62	Fault breccia									
	146.65	Chlorite schist and sections of andesite									
	148.17	Fault breccia									
	150.61	Chlorite schist and fault breccia zones									
		END OF HOLE									

LEGEND

C/A - CORE AXIS
 Bx - BRECCIATED
 NA - NOT ASSAYED
 Dis. - DISSEMINATED
 f.g. - fine-grained
 m.g. - med. grained

py - PYRITE
 Mg - MAGNETITE
 Pb - GALENA
 Zn - SPHALERITE
 Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.
 CORE Split by: R. Vannier
 HOLE STARTED: June 30, 1980
 HOLE FINISHED: July 6, 1980

HOLE No. 80-3

CLAIM DAVE

Loc'n L55 6+50W
PROPERTY

COMPANY _____ DORADO RESOURCES LTD. _____

DIAMOND DRILL CORE LOG - SAMPLE RECORD

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2775' PAGE No. 1 of 2

HOLE DEPTH 129.57

CORE SIZE Dia. 47 mm

HOLE DIRECTION 090°

DIP 55°

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU	AG	EN	CU %
0	15.24	Casing									
	19.82	Andesite, m.g. to f.g. chloritized + rust zones									
	21.04	Fault breccia and gouge									
	25.00	Andesite, chloritized, chlorite schist zones @ 50° c/a and rusty fractures									
25.00	26.52	Andesite + brown rust alteration + quartz-carb. veinlets + fine flecks native copper		816			-	-	-	0.011	
26.52	28.05	As above section with 10% quartz-carb. veinlets		817			-	-	-	0.005	
28.05	29.57	As above + 30% quartz-carb. @ 45-70° c/a		818			-	-	-	0.009	
29.57	31.10	As above + 20% quartz-carb. @ 45-70° c/a		819			-	-	-	0.008	
31.10	32.62	As above section + sparse fine flecks native copper		820			-	-	-	0.030	
32.62	34.15	As above section with fault zones		821			-	-	-	0.025	
34.15	35.67	As above section		822			-	-	-	0.007	
35.67	37.20	As above section + 30% quartz-carbonate veining		823			-	-	-	0.010	
37.20	38.72	As above section		824			-	-	-	0.009	
	44.82	Fault Breccia and gouge in chlorite schist									
	52.13	Andesite, chlor. with zones of chlorite schist @ 20-40° c/a									
	55.18	Fault zone in chlorite schist with gouge									
	66.46	Andesite, chloritized, shearing @ 20 - 40° c/a									

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

NA - NOT ASSAYED

Dis. - DISSEMINATED

f.g. - fine-grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.

CORE Split by: R. Vannier

HOLE STARTED: July 8, 1980

HOLE FINISHED: July 11, 1980

HOLE No. 80-3

COMPANY DORADO RESOURCES LTD.

HOLE DEPTH 129.57
 CORE SIZE Dia. 47 mm
 HOLE DIRECTION 090°
 DIP 55°

CLAIM DAVE
 Loc'n L55 6+50W
 PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

CORE STORED AT COLLAR OF HOLE collar ELEV. 2775' PAGE No. 2 of 2

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU	AG	ZN	CU %
66.46	67.99	As above section with 20% quartz-carbonate veining		825				-	-	-	0.004
67.99	69.51	Andesite, chloritized + 15% quartz-carb. veining									
		+ shearing @ 30 - 40° c/a		826				-	-	-	0.004
69.51	70.73	As above section		827				-	-	-	0.008
70.73	72.26	As above section		828				-	-	-	0.007
72.26	74.39	As above section		829				-	-	-	0.008
74.39	75.91	As above section		830				-	-	-	0.002
75.91	77.13	As above section		831				-	-	-	0.001
77.13	78.66	As above section		832				-	-	-	0.002
78.66	80.18	As above section		833				-	-	-	0.009
	85.98	Fault breccia									
	89.33	Andesite, m.g. to f.g., chloritized, sheared									
89.33	90.55	Andesite, chloritized + rust colored		834				-	-	-	0.006
90.55	91.77	Andesite, chloritized + rust colored		835				-	-	-	0.003
91.77	93.29	Andesite, chloritized + rust colored		836				-	-	-	0.001
93.29	94.82	Andesite, chloritized + rust colored		837				-	-	-	0.009
94.82	96.04	Andesite, chloritized + rust colored		838				-	-	-	0.002
	114.63	Andesite, massive, blocky ground sections + quartz-carb. veinlets									
	129.57	Andesite, m.g. to f.g.									

LEGEND END OF HOLE

C/A - CORE AXIS
 Bx - BRECCIATED
 NA - NOT ASSAYED
 Dis. - DISSEMINATED
 f.g. - fine-grained
 m.g. - med. grained

py - PYRITE
 Mg - MAGNETITE
 Pb - GALENA
 Zn - SPHALERITE
 Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.
 CORE Split by: R. Vannier
 HOLE STARTED: July 8, 1980
 HOLE FINISHED: July 11, 1980

HOLE No. 80-4

COMPANY DORADO RESOURCES LTD.

HOLE DEPTH 121.95 m
 CORE SIZE Dia. 47 mm
 HOLE DIRECTION 090°
 DIP 55°

CLAIM DAVE
 Loc'n L105 11+70W
 PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

CORE STORED AT COLLAR OF HOLE

collar ELEV. 3150 PAGE No. 1 of 1

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ANALYSIS						
FROM	TO				From	To	Length	AU	AG	EN	CU g/t
0	52.44	Casing through sand, gravel and andesite boulders									
	89.63	Mostly andesite boulders									
	95.42	Andesite, m.g. to f.g.									
	98.40	Fault zone in chlorite schist with quartz-carb. veinlets									
	100.00	Andesite + quartz-carb. veinlets @ 60° c/a		839				-	-	-	0.007
	101.23	Fault zone in chlorite schist									
	114.00	Andesite, massive, m.g. to f.g.									
	114.60	Fault zone in chlorite schist									
	121.95	Andesite, chloritized, sheared @ 45° c/a, scattered quartz-carb. veinlets in zones									
		END OF HOLE									

LEGEND

C/A - CORE AXIS
 Bx - BRECCIATED
 N/A - NOT ASSAYED
 Dis. - DISSEMINATED
 .g. - fine-grained

py - PYRITE
 Mg - MAGNETITE
 Pb - GALENA
 Zn - SPHALERITE
 Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.
 CORE Split by: R. Vannier
 HOLE STARTED: July 11, 1980
 HOLE FINISHED: July 14, 1980

HOLE No. 80-5

CLAIM DAVE

Loc'n Kamloops, B.C.
PROPERTYCOMPANY DORADO RESOURCES LTD.**DIAMOND DRILL CORE LOG - SAMPLE RECORD**

CORE STORED AT COLLAR OF HOLE

HOLE DEPTH 383.2m

CORE SIZE 47 mm

HOLE DIRECTION 118°

DIP 65°

collar ELEV. 2970'

PAGE No. 1 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU OZS.	AG OZS.	EN %	CU %
0	8.5	Casing									
	10.1	Andesite (augite porphyry) m.g., massive, chloritized with 20% epidote alteration									
	12.2	Andesite flow breccia, fault gouge	mud @ 12.2m								
	14.0	Andesite, (aug. por.) massive, m.g.,	epidote + 20%								
	21.3	Andesite flow breccia, fragments to	5 cm, tuff bands @ 50° c/a								
	22.0	Mylonite (fault gouge mud - Talcose									
	25.3	Chlorite schist zone @ 65° c/a									
	29.3	Andesite, m.g. massive (aug. por.)	epidite + 30%								
	39.3	Chlorite schist and mylonite @ 55 -	70° c/a - Talcose								
	43.9	Andesite (aug. por.) m.g., epidote	seams								
	54.9	Andesite flow breccia									
	72.3	Andesite (aug. por.) fine to m.g. +	30% epidote alteration								
	72.6	Mylonite (fault gouge mud) @ 40° c/a	+ flecks native copper @ 72m	924			-	-		0.021	
	75.9	Andesite, m.g. to f.g., massive epidotized									
	76.6	Fault zone (fault gouge mud) + sparse dissem. py.		925			-	-		0.014	
	77.7	Andesite, m.g. to f.g. massive, epidotized									
	78.2	Andesite, as above with scat, fine flecks native copper		926			-	-		0.018	
	79.9	Andesite, chloritized, sheared									

LEGEND NOTE: 1) Acid dip test @ 245 m showed hole dipping

C/A - CORE AXIS

Bx - BRECCIATED

NA - NOT ASSAYED

Diss. - DISSEMINATED

f.g. - fine-grained

m.g. - med. grained

py - PYRITE 72°

Mg - MAGNETITE

Pb - GALENA 2) The core is stored at the

Zn - SPHALERITE collar of the hole.

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P. Eng.

CORE Spill by: R. Vannier

HOLE STARTED: September 26, 1980

HOLE FINISHED: October 1, 1980

HOLE No. 80-5

COMPANY DORADO RESOURCES LTD.HOLE DEPTH 383.2m
CORE SIZE 47 mm
HOLE DIRECTION 118°
DIP 65°

CLAIM DAVE

DIAMOND DRILL CORE LOG - SAMPLE RECORDLOC'n Kamloops, B.C.
PROPERTY

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2970' PAGE No. 2 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS					
FROM	TO				From	To	Length	AU OZS	AG OZS	ZN
79.9	80.6	Andesite flow breccia, fine (1-2 mm) py. + sparse flecks native copper	Q-C veinlets + dissem.	927						0.021
101.8		Andesite, (aug. por.) + chlorite shear seams @ 50 - 60° c/a	zones + epidote							
102.3		Andesite, chloritized, fine hematite py. + sparse flecks native copper	replacements, dissem.	928						0.022
121.7		Andesite, chloritized, with fine (1 - 3 mm) Q-C veinlets								
122.0		Andesite, chloritized, + glassy qtz.	and fine py.	929			0.002	Tr		0.031
146.7		Andesite, chloritized, sheared @ 45°	c/a, Q-C veinlets							
147.0		Fault zone, Q-C veinlets and dissem.	py. - Talcose	930			0.002	Tr		0.015
178.7		Andesite, (Aug. por.) m.g. to f.g. with 25% epidote								
180.8		Shear zone, highly chloritized + epidote alteration								
191.8		Andesite, m.g. to f.g. + epidote alteration (20%)					0.002	Tr		0.035
193.3		Andesite, chloritized + fine dissem.	py.	931						
205.5		Andesite, m.g. to f.g. + fine Q-C veinlets								
206.4		Shear zone @ 45° c/a - Talcose								
211.6		Feldspar porphyry dyke, sheared, vuggy, blocky								
212.2		Shear zone, chloritized, fine Q-C veinlets + dissem. py.		932			0.002	Tr		0.035
216.8		Andesite, highly chloritized, sheared @ 70° c/a								

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

NA - NOT ASSAYED

Dis. - DISSEMINATED

g. - fine-grained

m.g. - med. grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P. Eng.

CORE Split by: R. Vannier

HOLE STARTED: September 26, 1980

HOLE FINISHED: October 1, 1980

HOLE No. 80-5

COMPANY DORADO RESOURCES LTD.

HOLE DEPTH 383.2 m

CLAIM DAVE

CORE SIZE 47 mm

LOC'n Kamloops, B.C.
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DIRECTION 118°

DIP 65 °

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2970' PAGE No. 3 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS					
FROM	TO				From	To	Length	AU OZS	AG OZS	ZN
216.8	233.9	Andesite, m.g. to f.g.								
	237.2	Andesite, highly chloritized and epidotized (30%)								
	240.6	Chlorite schist + fault gouge and fine hematite blebs								
	241.5	Andesite, highly chloritized and epidotized								
	248.2	Chlorite schist, fine Q-C veinlets + hematite blebs								
	275.9	Andesite, highly chloritized and epidotized								
	277.4	Chlorite schist, fine Q-C veinlets + hematite blebs	046				0.002	Tr		0.001
	279.0	Chlorite schist, fine Q-C veinlets + hematite blebs	047				0.002	Tr		0.001
	280.5	Chlorite schist, fine Q-C veinlets + hematite blebs	048				0.002	Tr		0.001
	282.0	Chlorite schist, fine Q-C veinlets + hematite blebs	049				0.002	Tr		0.001
	283.5	Chlorite schist, fine Q-C veinlets + hematite blebs	050				0.002	Tr		0.001
	285.4	Mylonite (fault gouge mud) @ 60° c/a								
	293.9	Andesite (augite por. phase) + 20% epidote								
	294.5	White bullish quartz vein with chlorite inclusions with glassy quartz veinlets								
	313.1	Andesite (aug. por. phase) @ 299.7, 305.2, 308.2 m								
	313.7	White bullish quartz vein with chlorite inclusions								
	315.6	Andesite (aug. por.) + 15% epidote								
	318.3	Andesite (aug. por.) + 30% white bullish quartz veins								

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

NA - NOT ASSAYED

Dis. - DISSEMINATED

.g. - fine-grained

m.g. - med. grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.

CORE Split by: R. Vannier

HOLE STARTED: September 26, 1980

HOLE FINISHED: October 1, 1980

HOLE No. 80-5

COMPANY DORADO RESOURCES LTD.

HOLE DEPTH 383.2 m

CLAIM DAVE

CORE SIZE 47 mm

Loc'n Kamloops, B.C.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DIRECTION 118°

DIP 65°

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2970' PAGE No. 4 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS					
FROM	TO				From	To	Length	AU	AG	EN
318.3	337.2	Andesite, chloritized, zones of epidote, sheared @ 70° c/a								
	338.7	Fault zone with chlorite and fault gouge mud - Talcose								
	345.1	Andesite, chloritized and epidotized								
	346.7	Fault zone with gouge and mud @ 70° c/a - Talcose								
	350.0	Andesite, chloritized and epidotized								
	351.5	Fault zone with gouge and mud - Talcose								
	356.7	Andesite								
	357.3	Bullish white quartz vein zone								
	358.8	Fault zone with chlorite schist @ 70° c/a - Talcose								
	365.6	Andesite flow breccia with epidote alteration								
	368.3	Fault zone with chlorite schist - Talcose								
	371.3	Andesite flow breccia with 25% epidote alteration								
	374.7	Fault zone with chlorite schist - Talcose								
	383.2	Andesite flow breccia with 40% epidote alteration								
		in last metre of hole								
		END OF HOLE								

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

N/A - NOT ASSAYED

Dis. - DISSEMINATED

.g. - fine-grained

m.g. - med. grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.

CORE Spilt by: R. Vannier

HOLE STARTED: September 26, 1980

HOLE FINISHED: October 1, 1980

HOLE No. 80-6
 CLAIM DAVE
 Loc'n Kamloops, B.C.
 PROPERTY

COMPANY DORADO RESOURCES LTD - PROPERTY - DAVE and "A"
 CLAIM GROUP
DIAMOND DRILL CORE LOG - SAMPLE RECORD
 CORE STORED AT COLLAR OF HOLE

HOLE DEPTH 587.8 m
 CORE SIZE 46mm-337.5m, 36mm-
 HOLE DIRECTION 090° 587.8m
 DIP 45°

collar ELEV. 2950' PAGE No. 1 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS					
FROM	TO				From	To	Length	AU OZS.	AG OZS.	SN %
0	8.5	Casing								
	34.2	Andesite, chloritized with epidote rust - filled fractures								
	36.3	Andesite, chloritized, sheared @ 60 - 70° c/a + Q-C veins								
	43.6	Andesite, chloritized, 30-40% epidote, rusty fractures								
	49.4	Andesite breccia, 50% epidote								
	52.1	Andesite with zones of rust-filled fractures, blocky								
	54.3	Andesite with zones Q-C veinlets								
	55.5	Bullish quartz vein zone, sparse dissem. py.		038			0.002	Tr		0.015
	59.8	Andesite, chloritized, rust-filled fractures								
	61.9	Fault zone with mylonite and Q-C veinlets								
	70.7	Andesite (augite porphyry phase), 10-20% epidote					0.002	Tr		0.008
	71.0	Bullish quartz vein zone with sparse dissem. py.		039			0.002	Tr		0.008
	74.1	Andesite (aug. por. phase)								
	74.7	Bullish quartz vein								
	87.8	Andesite (aug. por. phase) epidote alteration with native copper flecks at 78.7, 81.1, 84.8								
	94.2	Andesite breccia with fault zones @ 45° c/a at 87.8, 93.9, and Q-C veinlets								
	100.3	Andesite (aug. por. phase), 30-40% epidote with native copper at 96.3, 98.5								

LEGEND

C/A - CORE AXIS
 Bx - BRECCIATED
 NA - NOT ASSAYED
 Dis. - DISSEMINATED
 f.g. - fine-grained
 m.g. - med. grained

py - PYRITE
 Mg - MAGNETITE
 Pb - GALENA
 Zn - SPHALERITE
 Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.
 CORE Split by: R. Vannier
 HOLE STARTED: October 9, 1980
 HOLE FINISHED: November 5, 1980

HOLE No. 80-6
 CLAIM DAVE
 Loc'n Kamloops, B.C.
 PROPERTY

COMPANY DORADO RESOURCES LTD. PROPERTY - DAVE and "A"
 CLAIM GROUP
DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 587.8 m
 CORE SIZE 46mm - 337.5m
 HOLE DIRECTION 36mm - 587.8m
 DIP 45°
 090°

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2950' PAGE No. 2 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS								
FROM	TO				From	To	Length	AU DZS.	AG DZS.	CN %	CU %		
100.3	101.2	Bullish quartz vein in chloritized andesite with flecks native copper		040						0.002	0.11		0.008
										0.002	0.11		0.008
	105.8	Andesite (aug. por. phase), 30-40% native copper at 102.7, 105.2,	epidote with flecks										
			105.8										
	114.6	Andesite with zones of chlorite schist @ 30-45° c/a											
	118.6	Fault zone with mylonite and talcose	feel										
	135.4	Andesite with abundant zones chlorite schist @ 45-60° c/a											
	165.9	Andesite (aug. por. phase), 10-15% fractures at 137.5, 151.2	epidote, fault										
	166.8	Fault zone with mylonite - talcose											
	174.4	Andesite (aug. por. phase), 20-30%	epidote							0.002	0.11		0.003
	174.7	Andesite, chloritized, dissem. py.		041						0.002	0.11		0.003
	184.5	Andesite, (aug. por. phase), 50% epidote, shears @ 10-50° c/a											
	200.6	Andesite breccia with scattered fault zones											
	212.8	Andesite (aug. por. phase), 10% epidote, shearing @ 60-70° c/a											
	215.9	Andesite breccia, epidote, flecks native copper at 214											
	237.5	Andesite (aug. por. phase), 20-30% epidote, shearing @ 60° c/a											
	244.8	Chlorite schist, shearing at 45° c/a, 25% Q-C veinlets											
	269.2	Andesite (aug. por. phase), 30-40%	epidote										

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

NA - NOT ASSAYED

Dis. - DISSEMINATED

g. - fine-grained
 m.g. - med. grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.

CORE Spill by: R. Vannier

HOLE STARTED: October 9, 1980

HOLE FINISHED: November 5, 1980

HOLE No. 80-6

CLAIM DAVE

LOC'n Kamloops, B.C.
PROPERTY

COMPANY DORADO RESOURCES LTD. PROPERTY - DAVE and "A"
----- CLAIM GROUP -----
DIAMOND DRILL CORE LOG - SAMPLE RECORD

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2950' PAGE No. 3 of 4

587.8 m
HOLE DEPTH
CORE SIZE 46 mm - 337.5m
36mm - 587.8m
HOLE DIRECTION 090°
DIP 45°

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS						
FROM	TO				From	To	Length	AU OZS	AG OZS	Fe %	Cu %
269.2	269.5	Brecciated white quartz vein with dissem. py.		042				0.006	0.08		0.006
	279.3	Andesite, chloritized, shearing at 40-60° c/a									
	283.8	Chlorite schist, sheared at 45° c/a, shows dragfolding									
	284.2	Bullish quartz vein zone with scattered fine py.		043				0.002	Tr		0.005
	288.1	Andesite, chloritized, dragfolded quartz-carb. veinlets									
	291.5	Andesite (aug. por. phase), epidotized									
	294.2	Fault zone @ 45° c/a									
	303.1	Andesite, chloritized, dragfolded Q-C veinlets									
	311.3	Chlorite schist, sheared @ 40° c/a									
	311.9	Fault zone - mylonite, talcose									
	318.3	Andesite, chloritized									
	318.9	Fault zone									
	329.8	Andesite, chloritized, abundant fine Q-C veinlets									
		sheared @ 30-40° c/a									
		END OF NQ SIZE CORE - Hole cased - BQ size core follows below:									
	337.5	Andesite as above section									
	346.9	Chlorite schist with dragfolded Q-C veinlets									
	347.9	Bullish white quartz vein									
	355.5	Chlorite schist with fault zones and Q-C veinlet zones									

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

NA - NOT ASSAYED

Dis. - DISSEMINATED

.g. - fine-grained

m.g. - med. grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P. Eng.

CORE Split by: R. Vannier

HOLE STARTED: October 9, 1980

HOLE FINISHED: November 5, 1980

HOLE No. 80.6

COMPANY DORADO RESOURCES LTD. PROPERTY - DAVE and "A"
DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 587.8 m
 CORE SIZE 46 mm - 337.5 m
 HOLE DIRECTION 36 mm - 587.8 m
 DIF 45 090°

CLAIM DAVE
 Loc'n Kamloops, B.C.
 PROPERTY

CORE STORED AT COLLAR OF HOLE

collar ELEV. 2950' PAGE No. 4 of 4

LENGTH IN METRES		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS					
FROM	TO				From	To	Length	AU OZS	AG OZS	KN %
355.5	378.1	Andesite (aug. por. phase) epidotized								
	386.0	Fault zone, mud, breccia, fragments of andesite								
	422.0	Chlorite schist, dragfolded Q-C veins and veinlets								
	432.3	Chlorite schist and chloritized andesite, sheared @ 60° c/a								
	445.4	Andesite (aug. por. phase) with 30-40° epidote alteration								
	447.6	Andesite breccia with 50° epidote								
	451.2	Andesite, Chloritized, sheared at 45-60° c/a								
	464.0	Andesite (aug. por. phase) with 30-40% epidote alteration								
	470.1	Andesite breccia with epidote								
	476.5	Andesite, chloritized								
	477.7	Tuff and volcanics with Q-C veinlets	044				0.002	Tr		0.010
	488.1	Tuff								
	489.3	Tuff with 40% Q-C veining	045				0.002	Tr		0.005
	496.0	Tuff, banded @ 45-80° c/a, dragfolded, bullish Q-C veins and veinlets								
	531.4	Andesite, chloritized grading to chlorite schist								
	553.7	Andesite breccia with cherty fragments and epidote alteration								
	562.2	Chlorite schist with Q-C veinlets @ 60° c/a								
	583.4	Andesite breccia with 50% epidote alteration								
	587.8	Andesite, chloritized, blocky, scattered Q-C veinlets								

LEGEND

C/A - CORE AXIS

Bx - BRECCIATED

N/A - NOT ASSAYED

Dis. - DISSEMINATED

.g. - fine-grained

m.g. - med. grained

py - PYRITE

Mg - MAGNETITE

Pb - GALENA

Zn - SPHALERITE

Po - PYRRHOTITE

CORE Logged by: D.W. Tully, P.Eng.

CORE Split by: R. Vannier

HOLE STARTED: October 9, 1980

HOLE FINISHED: November 5, 1980



General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

TO:
 DON TULLY ENGINEERING LTD.
 102 - 2222 Bellvue Avenue
 West Vancouver, B.C.

DORADO

CERTIFICATE OF ASSAY

No.: 8011-1359 DATE: Nov. 28/80

We hereby certify that the following are the results of assays on: Ore

MARKED	GOLD	SILVER	Copper	XXX	X.XXX	XXX	XXX	XXX
	oz/st	oz/st	Cu (%)					
38	0.002	trace	0.015					
39	0.002	trace	0.008					
40	0.002	0.11	0.008					
41	0.002	0.11	0.003					
42	0.006	0.08	0.006					
43	0.002	trace	0.005					
44	0.002	trace	0.010					
45	0.002	trace	0.005					
46	0.002	trace	0.001					
47	0.002	trace	0.001					
48	0.002	trace	0.001					
49	0.002	trace	0.001					
50	0.002	trace	0.001					

NOTE: SAMPLES RETAINED ONE MONTH PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR

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L. Wong
 L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
 REFEREE AND OR OFFICIAL CHEMISTS FOR National Institute of Oilseed Products • The American Oil Chemists' Society
 OFFICIAL WEIGHMASTERS FOR Vancouver Board Of Trade

General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2

PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE



TO:
 DON TULLY ENGINEERING
 102 - 2222 Bellvue Ave.,
 West Vancouver, B.C.
DORALO

CERTIFICATE OF ASS...

No.: 8010-1756 DATE: Nov. 5/80

We hereby certify that the following are the results of assays on: **DDH**

MARKED	GOLD	SILVER	Copper	xxx	xxx	xxx	xxx	x xx
	oz/st	oz/st	Cu (%)					
924	-	-	0.021					
925	-	-	0.014					
926	-	-	0.018					
927	-	-	0.021					
928	-	-	0.022					
929	0.002	trace	0.031					
930	0.002	trace	0.015					
931	0.002	trace	0.035					
932	0.002	trace	0.035					

REJECTS RETAINED ONE MONTH PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR

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L. Wong
 L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER, American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
 REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Ouseed Products • The American Oil Chemists' Society
 OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade



D-11-5

TO
 DON TULLY ENGINEERING LTD.
 102 - 2222 Bellvue Avenue
 West Vancouver, B.C.
 V7V 1C7

General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

CERTIFICATE OF ASSA.

No.: 8008-0557 DATE: Aug. 15, 1980

We hereby certify that the following are the results of assays on: Ore

MARKED	Copper		Marked	Copper		XXX	Marked	Copper
	Cu (%)			Cu (%)				
721	0.011		759	0.009			822	0.007
722	0.009		760	0.009			823	0.010
723	0.010		761	0.009			824	0.009
724	0.011		762	0.006			825	0.006
725	0.009		763	0.006			826	0.004
726	0.029		764	0.002			827	0.008
727	0.015		765	0.007			828	0.007
728	0.022		766	0.006			829	0.008
729	0.011		767	0.007			830	0.002
730	0.005		768	0.006			831	0.001
731	0.019		769	0.006			832	0.002
732	0.016		770	0.007			833	0.009
733	0.019		771	0.008			834	0.006
734	0.011		772	0.009			835	0.003
735	0.016		773	0.009			836	0.001
736	0.007		774	0.008			837	0.009
737	0.005		775	0.009			838	0.002
738	0.008		801	0.007			839	0.007
739	0.004		802	0.009			169/173	0.005
740	0.006		803	0.008			237-245	0.007
741	0.005		804	0.007			308-313	0.007
742	0.007		805	0.008				
743	0.011		806	0.008				
744	0.008		807	0.009				
745	0.011		808	0.011				
756	0.006		809	0.009				
747	0.010		810	0.009				
748	0.011		811	0.007				
749	0.009		812	0.009				
750	0.007		813	0.009				
751	0.007		814	0.009				
752	0.007		815	0.006				
753	0.006		816	0.011				
754	0.006		817	0.005				
755	0.009		818	0.009				
756	0.008		819	0.008				
757	0.007		820	0.030				
758	0.008		821	0.025				

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R. MADRAU, Chemist PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

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DORADO RESOURCES LTD.

SUITE 800 - 543 GRANVILLE STREET
VANCOUVER, B.C. V6C 1X8
TELEPHONE (604) 687-0239

EXPLORATION AND DEVELOPMENT

March 1980 - December 1980

GEOLOGY

Strato Geological Limited	\$ 21,999.12
Ager, Berretta & Associates	16,360.00
	<u>38,359.12</u>

ENGINEERING

Don Tully Engineering Ltd.	11,756.51
Androtex Limited	20,487.98
	<u>32,244.49</u>

CONSULTING

James M. O'Brien	1,750.00
Mini - Met	75.50
	<u>1,825.50</u>

TRAVEL

James M. O'Brien	1,387.64
Strato Geological Limited	95.05
	<u>1,482.69</u>

DRILLING

Tonto Drilling	140,972.34
Old Roper Field Ranch	800.00
	<u>141,772.34</u>

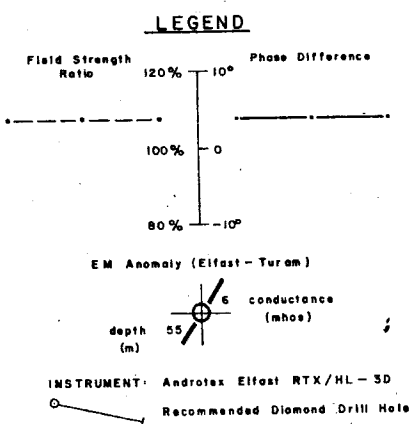
TOTAL \$215,684.14

February 17, 1981

Clarification of the duties of the companies engaged in the exploration programs on these claims are as follows:

Ruth S. Gwynn	Strato Geological Limited	- grid layout
	Ager, Berretta & Associates	- gravity survey
	Don Tully Engineering Ltd.	- drill core logging as per Dec.19'80
	Androtex Limited	- Elfast deep penetrating Turam
	James M. O'Brien	- Supervision
	Mine - Met	- Assay costs
	Tonto Drilling	- drilling six holes 1504 meters

MINERAL SERVICES BRANCH
 ANDROTUX LTD.
9554



NOTE: DRILL HOLE LOCATIONS APPROXIMATE ONLY

FIGURE II

MODIFIED AFTER A
 PLATE BY
 ANDROTUX LTD.
 DECEMBER 19, 1980



KEY

4	2
3	1

DORADO RESOURCES LTD.

AFTON - CHERRY CREEK AREA KAMLOOPS, B.C.
 DAVE and 'A' CLAIMS

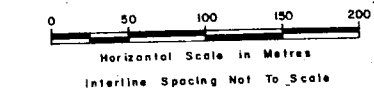
ELFAST - TURAM E.M. SURVEY

LOOP No. 1

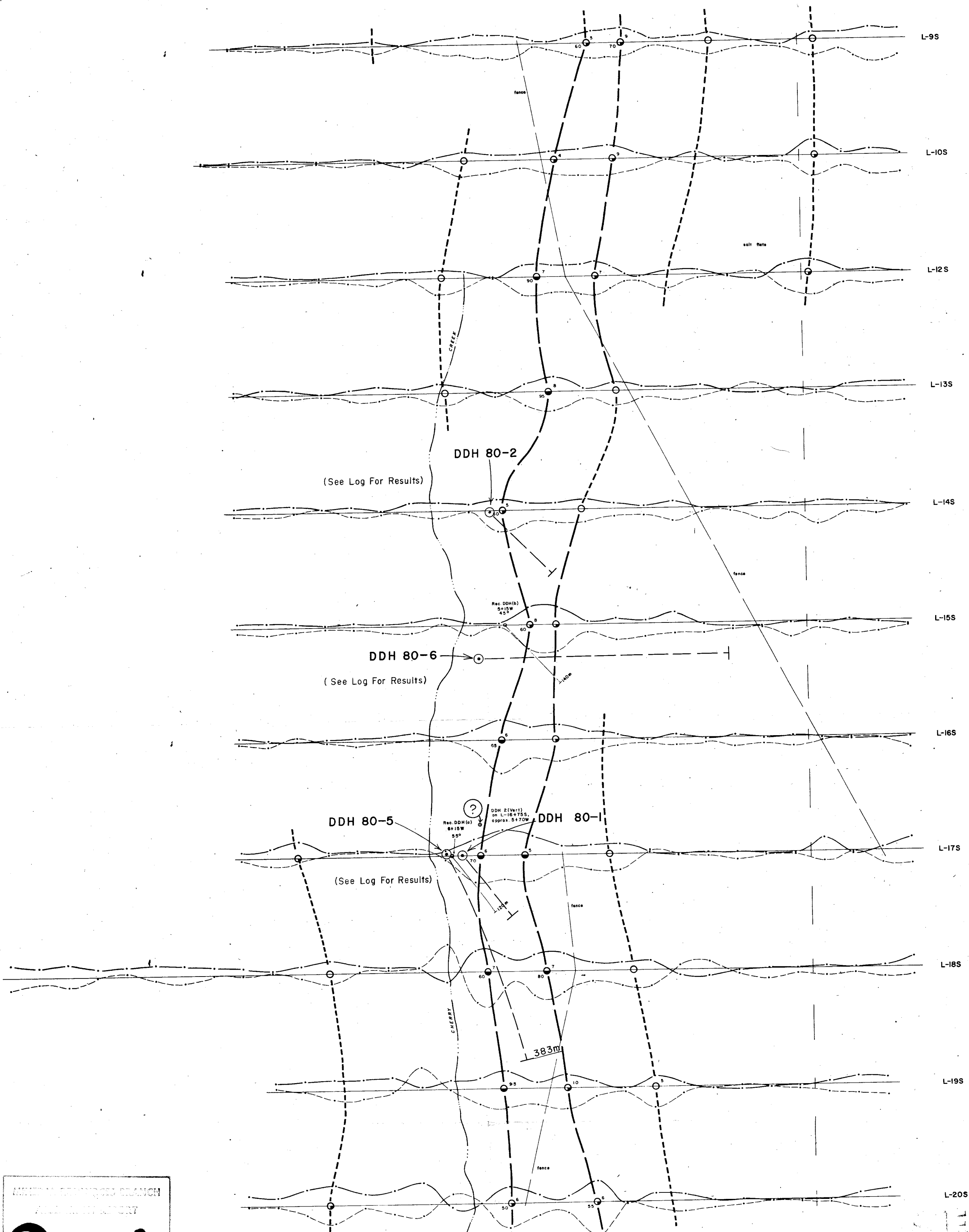
COIL SEPARATION 60m, FREQUENCY 225Hz

SCALE: 1:2,500 DATE: MAY, 1980

SURVEY BY: ANDROTUX LTD. PLATE I



Donald W. Kelly





9554

LEGEND

Field Strength Ratio 120% - 10° Phase Difference
 100% - 0
 80% - 10°

EM Anomaly (Eifast - Turam)
 depth 50m
 conductance (mhos)

INSTRUMENT: Androtek Eifast RTX/HL-3D
 Recommended Diamond Drill Hole

NOTE: DRILL HOLE LOCATIONS APPROXIMATE ONLY

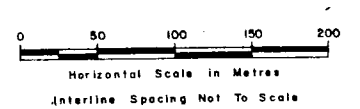
FIGURE 12
 MODIFIED AFTER A
 PLATE BY
 ANDROTEX LTD.
 DECEMBER 19, 1980



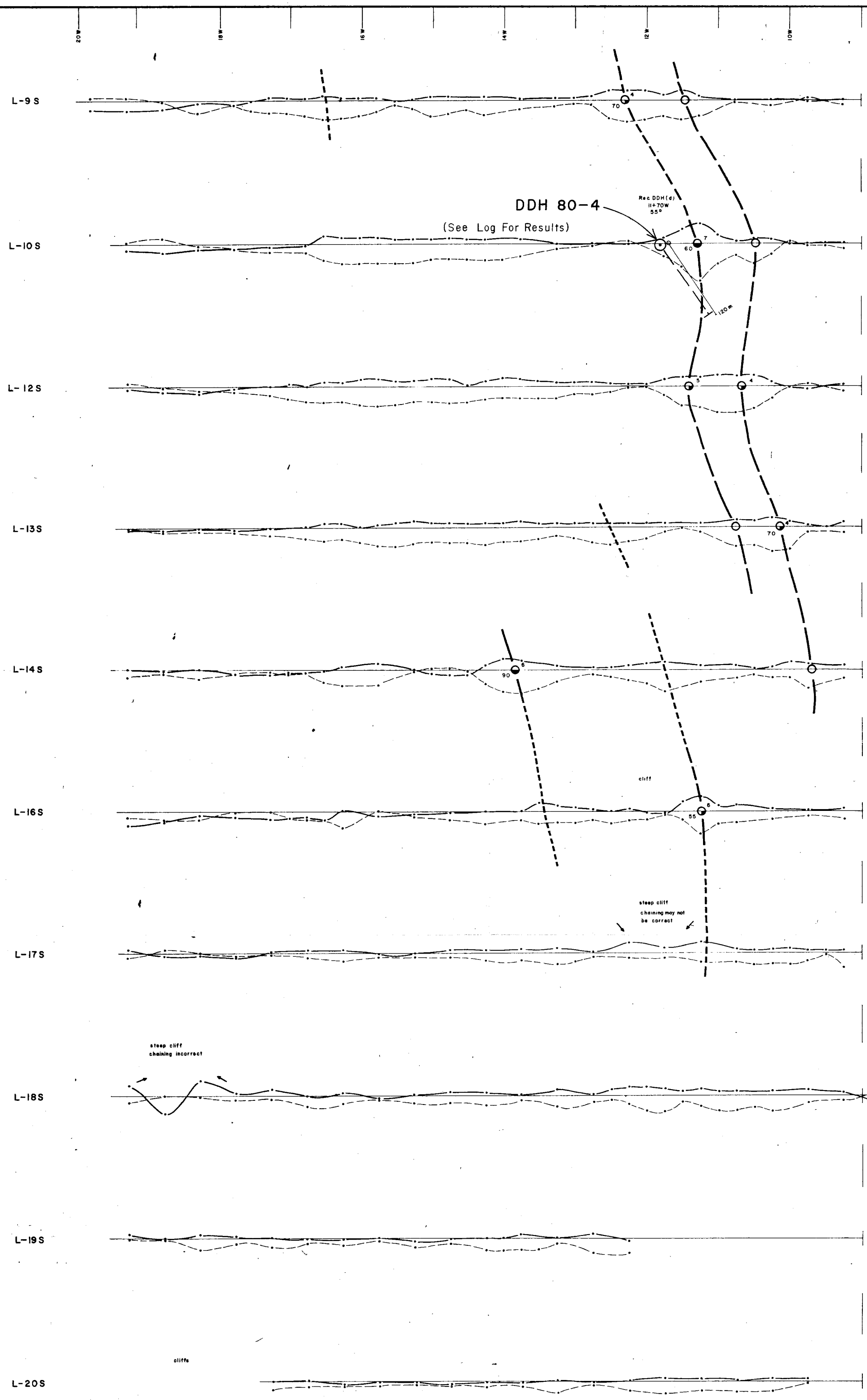
KEY

4	2
3	1

Donald W. Kelly



DORADO RESOURCES LTD.
 AFTON - CHERRY CREEK AREA KAMLOOPS, B.C.
 DAVE and "A" CLAIMS
ELFAST - TURAM E.M. SURVEY
 LOOP No. 1
 COIL SEPARATION 50m, FREQUENCY 225Hz
 SCALE: 1:2,500 DATE: MAY, 1980
 SURVEY BY: ANDROTEX LTD. PLATE 2



9554

LEGEND

Field Strength Ratio: 120% — 10° Phase Difference

100% — 0°

80% — 10°

EM Anomaly (Efast-Turam)

depth (m) — conductance (mhos)

INSTRUMENT: Androtek Efast RTX/HL-3D

Recommended Diamond Drill Hole

NOTE: DRILL HOLE LOCATIONS APPROXIMATE ONLY

FIGURE 13

MODIFIED AFTER A

PLATE BY

ANDROTEX LTD.

DECEMBER 19, 1980



KEY

4	2
3	1

0 50 100 150 200

Horizontal Scale in Metres

Interline Spacing Not To Scale

Donald W. Jolly

DORADO RESOURCES LTD.

AFTON - CHERRY CREEK AREA KAMLOOPS, B.C.

DAVE and "A" CLAIMS

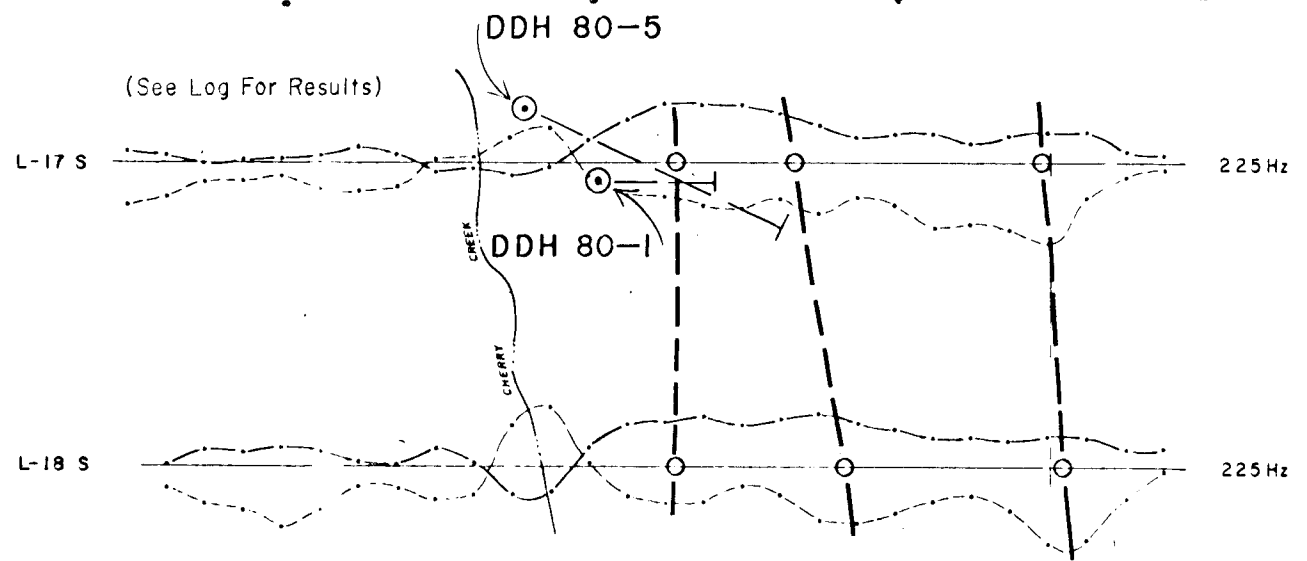
ELFAST - TURAM E.M. SURVEY

LOOP No. 2

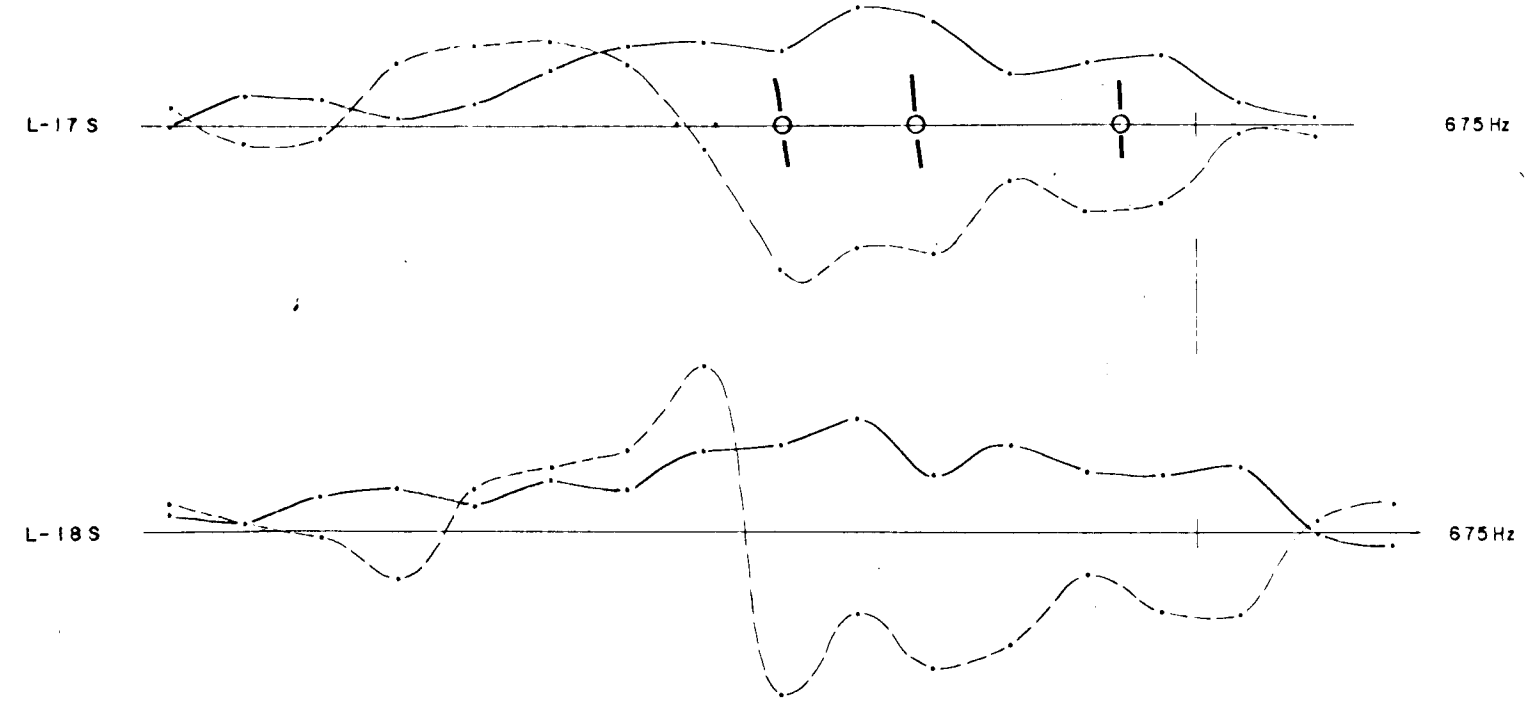
COIL SEPARATION 50m, FREQUENCY 225Hz

SCALE: 1:2,500 DATE: MAY, 1980

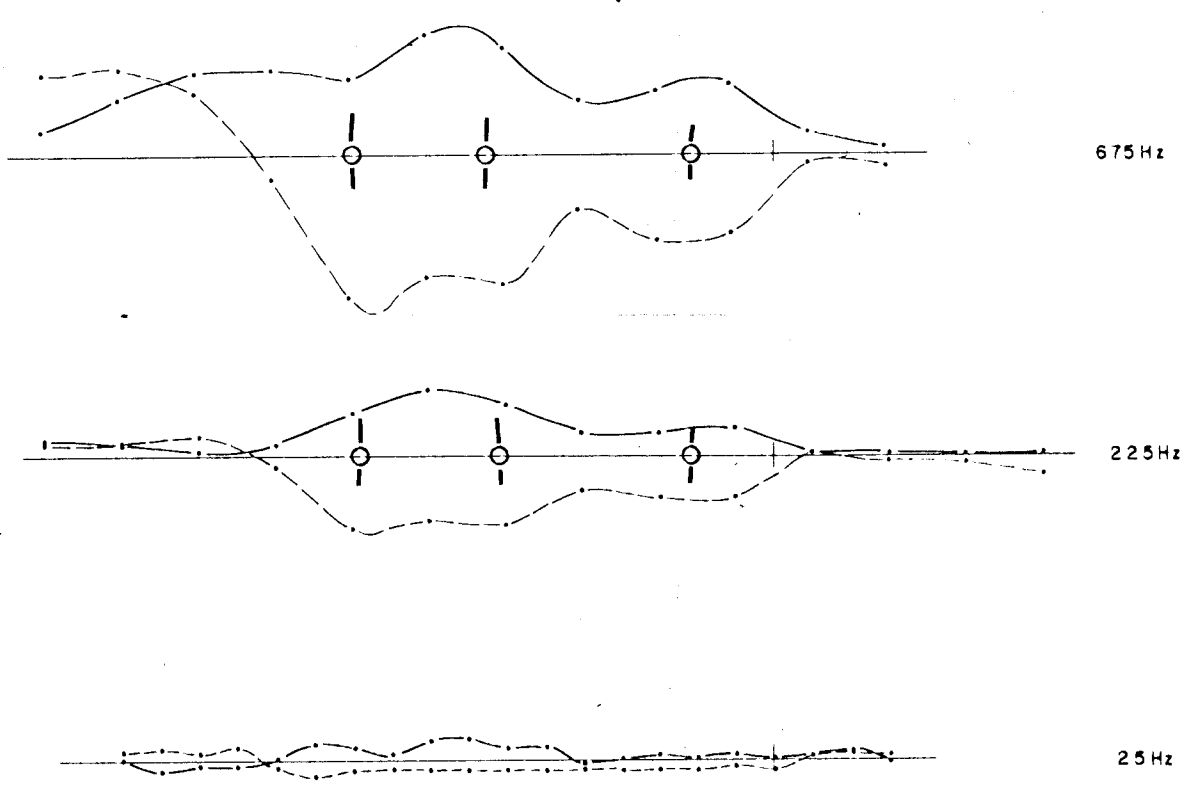
SURVEY By: **ANDROTEX LTD.** **PLATE 3**



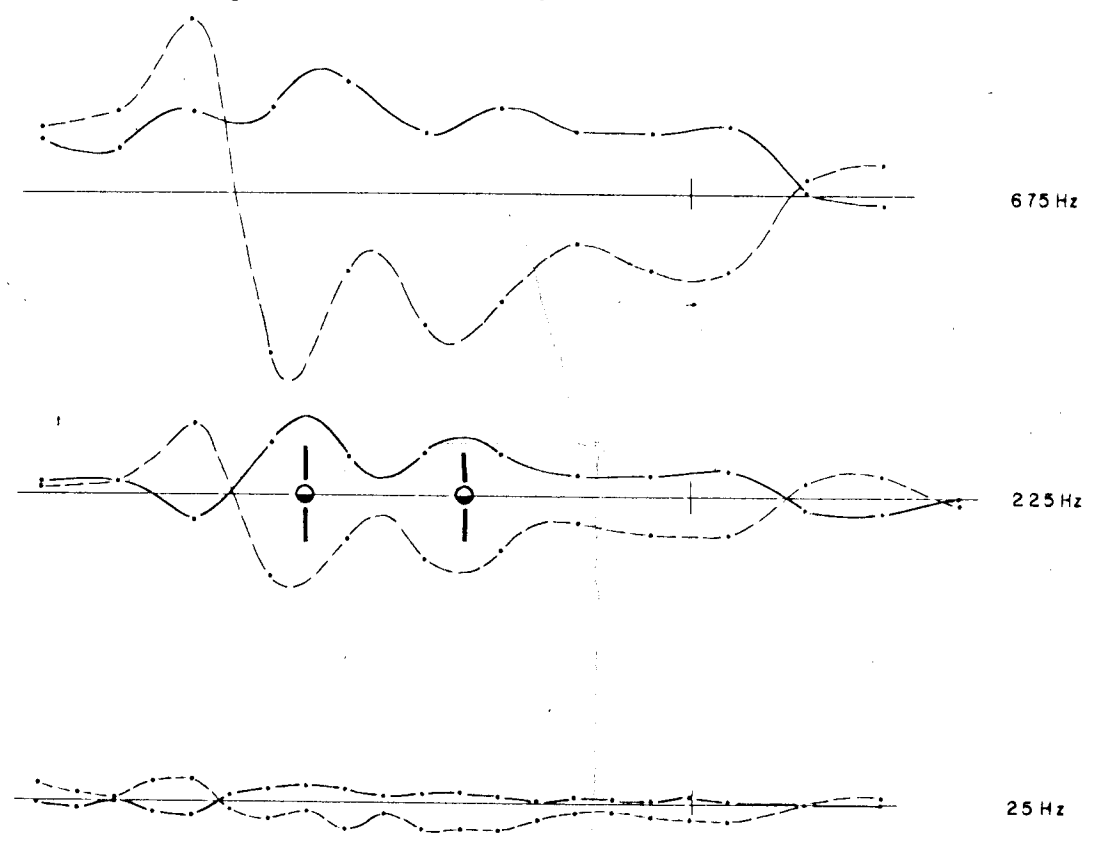
LOOP NO. 2
L-17S, L-18S



LOOP NO. 1
L-17S, L-18S



LOOP NO. 1
L-17S



LOOP NO. 1
L-18S

9554

LEGEND
 Field Strength Ratio: 120% - 10° Phase Difference
 100% - 0°
 80% - 10°
 EM Anomaly (Elfast-Turam)
 depth 50m conductance (mhos)
 INSTRUMENT: Androtex Elfast RTX/HL-30
 Recommended Diamond Drill Hole

NOTE: DRILL HOLE LOCATIONS APPROXIMATE ONLY

FIGURE 14
 MODIFIED AFTER A
 PLATE BY
 ANDROTEx LTD.
 DECEMBER 19, 1980



KEY

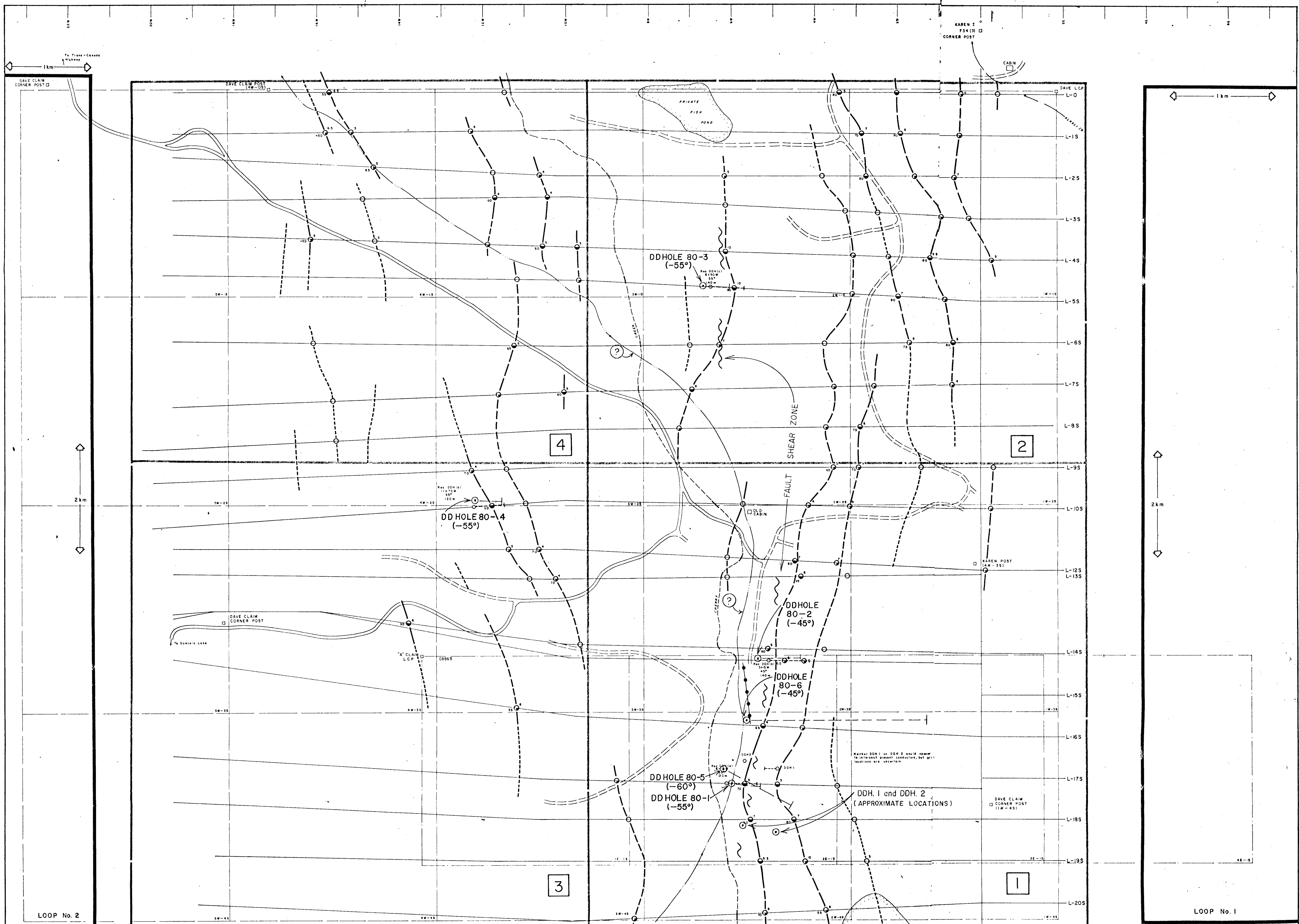
4	2
3	1

LOOP No 2 / LOOP No 1

Donald W. Kelly

0 50 100 150 200
 Horizontal Scale in Metres
 Vertical Scale Not To Scale

DORADO RESOURCES LTD.
 AFTON - CHERRY CREEK AREA KAMLOOPS, B.C.
 DAVE and "A" CLAIMS
ELFAST - TURAM E.M. SURVEY
 DETAIL PROFILES, LOOP No. 1 & 2
 COIL SEPARATION 50m, FREQUENCY (as noted)
 SCALE: 1:2,500 DATE: MAY, 1980
 SURVEY By: **ANDROTEx LTD.** PLATE 6



1 km
2 km
LOOP No. 2

1 km
2 km
LOOP No. 1

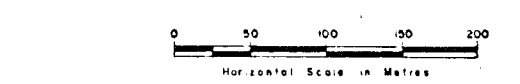
- LEGEND**
- L.C.P. Level Corner Post
 - Claim Post Located (1979)
 - Approx. Dave Claim Boundary
 - - - Approx. "A" Claim Boundary
 - 4W-45 Claim Unit Number
 - Truck Road - Logging Road
 - Creek - Intersections on Eilest Grid
 - Apparent Horizontal Loop Conductor
 - EM Anomaly (Eilest - Turam) conductance (mhos)
 - depth (metres)
 - INSTRUMENT Androtec Eilest RTR/ML-30
 - Outline of Plate
 - 3 Plate Number

9554

NOTE: ALL DRILL HOLE LOCATIONS ARE APPROXIMATE AND RELATIVE TO GRID-LINE CONTROL.

Donald W.nelly

□ "A" CLAIM CORNER POST - FIGURE 4
PLAN SHOWING 1980 D.D.HOLES PROGRAM 80-1 THRU 80-6
 MODIFIED AFTER A PLAN BY ANDROTEX LTD. DATED MAY 1980.
 DECEMBER 19, 1980.



DORADO RESOURCES LTD.
 AFTON - CHERRY CREEK AREA KAMLOOPS, B.C.
 DAVE and "A" CLAIMS
ELFAST - TURAM E.M. SURVEY
 COMPILATION MAP
 COIL SEPARATION 50m, FREQUENCY 225Hz
 SCALE: 1:2,500 DATE: MAY, 1980
 SURVEY BY: ANDROTEX LTD. **PLATE 7**